CONSTRUCTION COMPLETION REPORT

FORMER AL-TECH SPECIALTY STEEL SITE
BRIGHAM ROAD PLANT PICKLING AREA DEMOLITION

NYSDEC SITE NUMBER 907022
DUNKIRK, NEW YORK

Novemberr 2013 0041-011-100

Prepared for:

NEW YORK STATE

DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Prepared by:

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

Under Contract to:

REALCO, INC.

CONSTRUCTION COMPLETION REPORT
BRIGHAM ROAD PLANT PICKLE AREA DEMOLITION
FORMER AL-TECH SPECIALTY STEEL SITE

Table of Contents

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Table of Contents

LIST OF FIGURES

APPENDICES

1.0 BACKGROUND AND SCOPE

1.1 Background

The former AL-Tech Specialty Steel Site encompasses approximately 90 acres of industrial property in the City of Dunkirk, Chautauqua County, New York. Located north of Willowbrook Avenue, south of Lucas Avenue, east of Brigham Road, the site is surrounded by mixed residential/commercial parcels (see Figure 1).

The Site was formerly used for iron and steel manufacture dating back to the early 1900's. Past operations at the facility included, among others: pickling (i.e., chemical treatment to remove surface scale and impurities from steel); heat treating; solvent cleaning; and metal plating operations. The current owner of the facilities, Dunkirk Specialty Steel (DSS), presently uses the facilities for the forging and finishing of stainless steel rod and wire from supplied billets.

Environmental investigations at the former AL-Tech Site began as early as 1985 as part of a RCRA permit application. Site-wide investigations from 1992 to 2008, which included the subject Brigham Road Plant (BRP), studied and identified several solid waste management units (SWMUS) and areas of concern (AOCs). In 1998 the New York State Department of Environmental Conservation listed the Site as a Class 2 site in the Registry of Inactive Hazardous Waste Disposal Sites in New York State, indicating that it poses a significant threat to human health and the environment. Numerous corrective actions and remedial measures were subsequently undertaken to address the AOCs and SWMUs.

Within the Brigham Road Plant (BRP) an approximate 6,000 square foot area of the manufacturing building was historically used by AL-Tech Specialty Steel for pickling operations (see Figure 2). Pickling within this area of the plant employed Kolene®, which is molten mixture of alkaline sodium and potassium hydroxides and proprietary additives used to remove surface impurities and scale from stainless steel products. Pickling operations in this particular area ceased in 1992 and the original Kolene® tank was removed from the plant site in 2002.

During the tank removal it was noted that the pickle room floor and portions of the walls exhibited a yellow-green discoloration attributable to residuals/staining from the pickling operation. These materials are generally characterized by elevated levels of chromium and hexavalent chromium originating from oxidation of stainless steel. The

residuals and staining posed no significant threat as they were wholly contained within the building. However, in subsequent years the roof over the former pickle room became increasingly dilapidated and was in danger of collapse, threatening to allow residuals on impacted surfaces to migrate to the surrounding soil and groundwater. Benchmark Environmental Engineering & Science, PLLC was therefore retained by Realco, Inc., the entity responsible for funding and jointly managing (with the NYSDEC) ongoing remedial obligations associated with the former AL-Tech Specialty Steel facility, to provide design-build services related to demolition of the pickling room and an adjacent mixing room (i.e., "the Site" as referred to herein).

1.2 Purpose and Organization

This Construction Completion Report (CCR) has been prepared to document the demolition and restoration activities undertaken in the BRP pickle area and the disposal of residual materials. This report is organized into six Sections:

- Section 2 provides an overview of the work performed, including the demolition and cleanup activities, restoration work and community participation.
- Section 3.0 summarizes the approach undertaken to complete each of the required work elements.
- Section 4.0 describes the management of Kolene®-impacted residuals, including disposal details.
- Section 5.0 identifies the restoration activities undertaken following demolition and residuals removal.
- Section 6.0 summarizes construction deviations from the approved design documents.

2.0 SUMMARY OF WORK

2.1 Description of Demolition and Cleanup Measures

Demolition and cleanup activities were completed at the Site in accordance with the NYSDEC-approved November 2011 Design Documents for the Former AL-Tech Specialty Steel Site BRP Pickle Area. Tasks performed included:

- Performance of a pre-demolition asbestos survey and filing of a New York State Department of Labor (NYSDOL) variance request related to abatement of asbestos containing material (ACM) during the planned demolition work.

- Performance of an updated structural assessment related to the northeast corner of the pickle room.

- Pumping down of three (3) concrete (below-grade) pits within the pickling room to remove standing water, with liquid wastes handled at the onsite wastewater pre-treatment facility and pit solid waste/sludge materials excavated and disposed at an offsite permitted treatment storage and disposal facility (TSDF). In addition to this work, an open air outside concrete pump chamber was pumped down. Associated water from all this work was also discharged to the on-site wastewater pre-treatment facility.

- Plumbing modifications to re-route potable water and electrical service in the demolition area.

- Controlled demolition of the BRP pickling area south and east (exterior) walls and roof, as well as a detached mixing room adjacent to and east of the pickle area.

- Removal and disposal of Kolene®-impacted soils and scale from the pickling room floor as well as stained brick, with disposal of the materials at an offsite permitted TSDF.

- Pressure washing of all below grade brick and concrete walls and floors, followed by fracturing of the floors allow storm water infiltration.

- Backfill of all brick and concrete pits with approved clean brick material and imported off-site soil material to existing surrounding grades.

- Sealing of the remaining north and west walls at the connection point with the former pickle area floor slab, and application of MRC (a proprietary additive produced by Regenesis® for immobilizing heavy metals) on residual stained areas of these remaining former interior walls.

- Restoration (flashing) of the northeast and southwest building corners and roofline formerly connected to the pickle room. Former doorways and production openings on the western and northern walls of the pickle area were also filled in with concrete block and/or brick and mortar.

- Placement of approved soil over the former pickle room floor area and seeding, as well as other minor work area improvements to facilitate drainage and mitigate erosion.

2.2 Community Participation

Community participation was effected through distribution of a Fact Sheet that summarized the proposed work. The Fact Sheet was distributed to local residents, businesses, governmental agencies, media, and other interested parties per the NYSDEC-approved distribution list in February 2012.

3.0 PROJECT APPROACH

3.1 Contractors and Consultants

Benchmark Environmental Engineering & Science, PLLC (Benchmark) carried out the demolition work on a design-build basis. Subcontractors retained to assist in the work included:

- Aaction Environmental Services Inc., 1790 Clinton Street, Buffalo, NY 14206, which provided third party air monitoring for asbestos abatement.
- Titan Wrecking & Environmental, LLC, 153 Wales Avenue, Tonawanda, NY 14151, which performed asbestos abatement, demolition, impacted material removal and disposal, and site restoration services.
- Lehigh Construction Group Inc., 4327 S. Taylor Road, Orchard Park, NY 14127, which performed sheet metal enclosure of the building corners and roof flashing, as well as block/brick enclosure of prior doorways and former production-related openings in the north and west walls of the pickle room.
- Stromecki Engineers, PC, 8744 Finch Road, Colden, NY 14033 which performed structural engineering consultant services related to the work.

3.2 Site Preparation

A pre-demolition asbestos survey was performed on June 15, 2011 to identify suspect asbestos containing materials (ACM) requiring abatement prior to or as part of the demolition project. A project planning meeting was held with representatives of Dunkirk Specialty Steel (DSS), NYSDEC, Benchmark Environmental and Titan Wrecking on January 05, 2012 to discuss the demolition and remediation approach and a tentative schedule for the project. Due to the nature of the project being a "partial" building demolition, Benchmark retained the services of Stromecki Engineers, PC (Structural Engineer Consultant) to update their initial evaluation of the structure for demolition performed earlier, as well as identifying structural members to remain and protection thereof. This evaluation was performed on January 20, 2012. A pre-construction meeting for the commencement of project was held on February 09, 2012 on site.

Pre-demolition preparation work was started by Titan Wrecking on February 13, 2012. Due to the location of existing utilities (electric conduit and waterline service for pump house) running through the mixing house (slated for demolition), these utilities were re-routed away from demolition work area.

3.3 Abatement and Demolition Work

Controlled demolition was started by Titan Wrecking on February 25, 2012 after proper notification of work and a variance request for controlled demolition was issued to the NYSDOL. Third party air monitoring was performed throughout the course of the controlled demolition work by Aaction Environmental Services Inc. During the course of this work, water was sprayed onto active work areas to control air-borne particulates from potentially leaving the work site. The controlled demolition portion of the project was completed on March 09, 2012 as final clearance air samples were taken and passed (see Appendix A). All generated demolition debris impacted by ACM (excluding Kolene®-impacted debris and soils/sediments) was transported to and disposed at the Waste Management, Inc. Chaffee Landfill; a NY State permitted sanitary landfill facility. Clean wall brick was reused as partial backfill in the pit areas of the building.

Security was maintained through permanent fencing, which surrounds the subject property and neighboring residential areas to the south and west.

Erosion control was achieved via minimization of the excavation area, direct loading of materials in lieu of stockpiling, and timely grading/seeding of disturbed areas related to project.

3.4 Nuisance Controls

Nuisance conditions were minimal do to the short duration of the heavy construction work (approximately 15 business days), which mitigated typical construction concerns such as noise, traffic and other disruption of the community. Dust control measures (water spray) were implemented as necessary during the impacted soil/fill removal work.

3.5 Photo Log

A photo log presenting key aspects of the work is included in Appendix B.

4.0 CONTAMINATED MATERIALS HANDLING

As part of the select demolition activities on the Site, work involved removing and disposing contaminated materials from the pickle room floor and impacted brick, as well as cleanout of former production pits within the pickle area. In addition, sediment material discovered below grade in the concrete lime mixing building was stabilized in-place as discussed below.

All contaminated materials slated for offsite disposal were deemed characteristically hazardous and as such were disposed at a permitted TSDF (i.e., CWM Chemical Services, LLC Subtitle C landfill [NYD049836679] located in Model City, New York.

4.1 Floor Area Soils and Brick

Loose floor area soil and scale materials as well as brick materials exhibiting significant staining were disposed offsite in lieu of re-use as onsite backfill. During development of the waste profile for these materials it was determined that the floor soils/scale contained PCBs above 50 ppm. The original source of the PCBs was unknown, however it was suspected that historic electrical equipment may have been contributed to the detections. The loose floor brick material was pulled up and loaded into a lined roll-off container. Green/yellow-stained brick materials generated during the demolition work, indicative of Kolene® impacts, were also loaded into roll-off containers for disposal.

4.2 Floor Pits - Impacted Material Removal/Cleaning

The brick/concrete floor pits, which contained standing water and Kolene® sediment residuals, were pumped down, mucked out and power-washed during the period of February 16 to March 06, 2012. Initially, the pits were pumped down to remove standing water to a point as low as possible by on site (DSS) plant personnel prior to the start of project. All contact water was pumped to the on-site wastewater pretreatment facility via an existing sewer header pipe. The northernmost pit served as the lead pit in the Kolene® pickling operation. Sediments in this pit were characterized by trace PCB detections and Kolene® impacted waste residuals, visibly evident on sediment and brick within the lower two feet of concrete pit. Saw dust, wood chips and lime were mixed in with the sediments to absorb free

liquid prior to transport to the CWM Model City facility for disposal. The quenching pit (middle floor pit) also contained Kolene®-impacted residuals and PCBs slightly above 50 ppm; wood chips were also mixed in with this waste to absorb free liquid prior to disposal at the CWM Model City facility. The most southern pit (quench pit 2) contained minor Kolene®-impacted residuals with no detectable PCBs. Sawdust material was used to absorb water in this pit with the residuals similarly disposed at the CWM Model City facility.

4.3 Lime Mixing Pit - Sludge Stabilization

During the course of demolition of the former lime mixing structure, a concrete/brick below grade lower level was uncovered that consisted of two chambers, divided by an inside brick wall, approximately eight feet in depth. Standing water was evident in both chambers. The northern chamber consisted of clean brick and fallen building debris along with approximately 5 feet of standing water. The water was pumped out and discharged to on-site wastewater pretreatment facility.

The south chamber had approximately four feet of saturated sludge that was slightly elevated for nickel. The NYSDEC approved this material to be solidified in place by mixing in approximately 16 cubic yards of dry cement mix. By introduction of the dry mix, the sludge material solidified into a hardened solid state.

4.4 Kolene® (KO62) Impacted Material Disposal Details

As indicated above, all analytical data for disposed materials was transmitted to the designated disposal company (Waste Management, Inc., which owns and operates the CWM Model City facility) for approval. Due to the presence of Kolene®-impacted brick debris, sediment/sludge materials requiring absorbent addition to remove free liquids, and the presence of PCBs at varying concentration, three (3) separate waste profile applications and manifests were required to dispose these materials:

- WMI profile No. NY303426 (Brick materials impacted by Kolene® and soil/sediment materials impacted by Kolene® and PCBs).
- WMI profile No. NY303450 (Sediment materials impacted by Kolene® and PCBs, with wood-based absorbent)

- WMI profile No. NY303472 (Sediment materials impacted by Kolene® only, with wood-based absorbent)

A copy of all the waste profile applications and acceptance from the landfill facility are presented in Appendix C.

Hazardous material disposal began on March 07, 2012, with the last load delivered on April 20, 2012. A total of 196 tons of impacted material was transported to the WMI Model City facility by Tonawanda Tank, a licensed solid waste transporter (NYSDEC #9A080). This included 27 tons of KO62 brick and debris material from floor area in the former pickle room, containing approximately PCBs >50 ppm, which was disposed as hazardous waste under WMI profile No. NY303426, 117 tons of KO62 sludge, containing PCBs at varying concentration, solidified with lime and wood chips from the Kolene® Pit and Quench Pit-1, which was disposed as hazardous waste under WMI profile No. NY303450, and 52 tons of KO62 sludge, with no PCBs present, from Quench Pit-2 that was stabilized with sawdust, and disposed as hazardous waste under WMI profile No. NY303472.

Manifests and bills of lading are included in Appendix D.

5.0 RESTORATION

Following completion of demolition activities and removal of impacted materials from the demolition area site restoration activities were undertaken as described below.

5.1 Wall Treatment

Following demolition the existing south exterior building brick wall exhibited some areas of Kolene® residue staining. These areas were wire brushed to remove any gross material, after which Regenesis MRC (Metals Remediation Compound) was applied onto the subject areas via roller and brush. After the MRC was applied and cured, an asphalt sealant material was applied to the base of the north and west walls to help seal against water intrusion.

5.2 Backfill

Imported backfill was comprised of approximately 250 cubic yards of soil material furnished by Titan Wrecking, Inc. The material came from a virgin source via a development site on Route 5 in Dunkirk, NY. This material had been stockpiled at Foreman Trucking property located at 10676 Brigham Road, Dunkirk, NY. Maurice Moore of the NYSDEC visually inspected the stockpiled material on March 30, 2012 and deemed it acceptable for import to the Site pending analytical characterization.

Representative samples (2) of the proposed soil borrow source were collected by Titan on March 30, 2012. These samples were submitted to TestAmerica Laboratories, Inc., an NYSDOH-approved laboratory, for analysis of the parameters listed below (i.e., encompassing the full suite of constituents regulated under 6NYCRR Part 375-6.8):

- USEPA Target Compound List (TCL) VOCs
- TCL SVOCs
- TCL pesticides/PCBs
- TCL Herbicides
- Cyanide
- Target Analyte List (TAL) Metals, including hexavalent chromium

Sample results are included in Appendix E. As indicated, all detectable constituents were well below the allowable levels (i.e., commercial/Industrial SCOs). Accordingly, the NYSDEC approved the material for import as below grade structure backfill and surrounding grade cover material.

Backfilling began on April 02, 2012 and was substantially completed on April 17, 2012. Backfilling and grading was completed to restore each of the excavation areas to match surrounding grade.

All of the areas receiving soil were seeded with the equivalent of 100 lbs./acre of a seed mix to promote and sustain a hardy growth. Seeding was initiated in May, 2012

5.3 Enclosure Work

In accordance with the demolition contract documents, openings in the remaining (i.e., former interior) west and north wall of the pickle room were filled with concrete block (large production openings) and brick and mortar (mandoors and small openings). Due to the dilapidated nature of the brick where the former eastern and southern pickle room walls joined the remaining building structure it was not possible to repair these areas using masonry techniques. Rather, metal siding was employed to seal the openings. On the northeastern corner loose brick was evident in some areas and was therefore first secured with rods and steel plate prior to application of the siding.

Concurrent with this work the roof line on the remaining building at the point of connection to the former pickle room was flashed to seal the edge and mitigate wind damage.

6.0 DEVIATIONS FROM THE DESIGN DOCUMENTS

Deviations from the design were required to address unexpected conditions, primarily related to the unexpected presence of significant sediments in the pits, requiring stabilization with absorbent prior to disposal and development of additional waste profiles for the Kolene®-impacted materials. Other minor deviations included restoration of the building corners with metal sheeting in lieu of masonry as discussed in Section 5, and north wall treatment with MRC.

A more significant deviation undertaken by the property owner (DSS) involved removal of interior crane columns along the western side of the pickle room. Although independent from wall support columns, these were located along and adjacent to the interior western wall and were recommended to remain by Stromecki Engineers as supplemental structural support. DSS effected removal of these columns without consult with Benchmark or Stromecki.

FIGURES

F:\CAD\Benchmark\RealCo\CCR\Figure 1; Site Location and Vicinity Map.dwg

FIGURE 1

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

PROJECT NO.: 0041-011-100

DATE: OCTOBER 2013

DRAFTED BY: BLR

SITE LOCATION & VICINITY MAP

CONSTRUCTION COMPLETION REPORT

FORMER AL-Tech SPECIALTY STEEL - BRIGHAM ROAD PLANT
DUNKIRK, NEW YORK

PREPARED FOR

REALCO INC.

F:\CAD\Benchmark\RealCo\CCR\Figure 2; Site Plan (Demo).dwg

BENCHMARK
ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

PROJECT NO.: 0041-011-100

DATE: OCTOBER 2013

DRAFTED BY: BLR

SITE PLAN (AERIAL)

CONSTRUCTION COMPLETION REPORT

FORMER AL-Tech SPECIALTY STEEL - BRIGHAM ROAD PLANT
DUNKIRK, NEW YORK

PREPARED FOR

REALCO INC.

FIGURE 2

APPENDIX A

CLEARANCE AIR SAMPLE DATA

AACTION ENVIRONMENTAL SERVICES INC.

March 16, 2012

Benchmark Environmental Engineering & Science
Mr. Thomas Forbes
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218

Project Name: **BPA Pickle Bldg - Controlled Demolition** Project Size: **Large**

Project Location: **BPA Pickle Building**
830 Brigham Rd, Dunkirk, NY 14048

Project Dates: **02/20/12 &**
02/24/12– 03/03/12

Dear Mr. Forbes,

Please find enclosed the Chain of Custodies, Phase Contrast Microscopy (PCM) air results and Maps/ Sample Locations for the above referenced project. Air monitoring consisted of Background, Work Area Preps, Asbestos Handling and Clearance/ Final sampling to monitor the concentrations of airborne fibrous materials on a large asbestos abatement project. Aaction Environmental Services, Inc conducted the air monitoring using commonly accepted sampling procedures acknowledged in New York State following guidelines and protocols of 12 NYCRR Part 56 – (NY State Code Rule #56). Air samples are designated I for Inside and O for Outside the work area. Please note, the clearance fiber concentrations were all less than 0.01 fibers per cubic centimeter, this meets (passes) satisfactory air sample testing criteria.

Benchmark Environmental Engineering & Science retained Aaction Environmental Services for (third party) Air Monitoring and Project Monitor/ Final Visual Inspection services on a large (Controlled Demolition) asbestos project located at the former Al Tech Steel - BPA Pickle Building, 830 Brigham Road, Dunkirk, NY 14048. Aaction Environmental Services, Inc performed the reporting and air monitoring duties. All samples were analyzed by Phase Contrast Microscopy (PCM) according to the National Institute of Safety and Health (NIOSH) Method 7400, Fourth Edition, Issue 2, 08/15/94 by EMSL Analytical, Inc - NY State ELAP # 11606.

The enclosed results are submitted pursuant to Aaction Environmental Services current terms and conditions of sale. No responsibility or liability is assumed for the manner in which these results are used or interpreted, these results pertain only to the items tested on the sample dates listed. Unless notified in writing, Aaction Environmental Services, Inc will discard what remains of the samples for this project after ninety days of storage.

Should you have any questions regarding the enclosed reports or require additional information please contact us at 716-818-1212.

Sincerely,
Kevin Zielinski
Kevin Zielinski
President

1790 Clinton Street * Buffalo, NY 14206 * (716) 818-1212 * Fax (716) 677-8813

CHAIN OF CUSTODY

141200853

ACTION ENVIRONMENTAL SERVICES INC.
1790 CLINTON STREET • BUFFALO, NY 14206
PHONE: (716) 818-1212 • FAX: (716) 677-8813

CLIENT NAME: BENCHMARK ENVIRONMENTAL

CLIENT ADDRESS Line 1: 2558 HAMBURG TURNPIKE SUITE 300

CLIENT ADDRESS Line 2: LACKAWANNA, NY 14218

PROJECT NAME: BPA PICKLE BUILDING - CONTROLLED DEMO (BACKS)

PROJECT ADDRESS: DUNKIRK SPECIALTY STEEL 830 BRIGHAM RD DUNKIRK, NY 14048

PROJECT CONTACT | PHONE | CELL

LAB RESULTS TO | PHONE | FAX

TYPE: ASBESTOS x PCM (W) | LEAD | INDUSTRIAL HYGIENE (ANALYZE)

PROJECT SIZE/TYPE ➤ ○ MINOR ○ SMALL ⊗ LARGE OTHER

SAMPLE TYPE ➤ ⊗ BACKGROUND IB ○ PREP IIA ○ HANDLING IIB ○ CLEARANCE IIC

TURN AROUND TIME ➤ ⊗ 48 HR ○ 24 HR ○ RUSH

SAMPLE NUMBER	I-1	I-2	I-3	I-4	I-5	O-6	O-7	O-8	O-9	O-10	B-1	B-2
LABORATORY ID												
SAMPLE LOCATION	I-1	I-2	I-3	I-4	I-5	O-6	O-7	O-8	O-9	O-10	B-1	B-2
ROTOMETER NUMBER	3L	3L	3L	3L	3L	3L	3L	3L	3L	3L		
STARTING FLOW RATE	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5		
ENDING FLOW RATE	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5		
AVE. FLOW RATE (L/MIN)	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5		
START TIME	0800	0801	0802	0803	0804	0805	0806	0807	0808	0809		
STOP TIME	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109		
DURATION (MIN)	180	180	180	180	180	180	180	180	180	180		
SAMPLE VOLUME (LITERS)	630	630	630	630	630	630	630	630	630	630		
FIBERS / FIELDS												
FIBERS / cc												

COMMENTS:

SAMPLED BY: STEVEN KLEIN | DATE SAMPLED: 2/20/12

TRANSPORTED FROM: SITE TO EMSL | TRANSPORTED BY / DATE: SK 2/20/12

RECEIVED BY: DO 2/20/12 1:25 PM | ANALYZED BY

CASSETTE LOT #: | SCOPE #

EMSL Analytical, Inc.
490 Rowley Road, Depew, NY 14043
Phone: (716) 651-0030 Fax: (716) 651-0394 Email: buffalolab@emsl.com

Attn: **Steven J. Klein**
AAction Environmental Services, Inc.
1790 Clinton Street

Buffalo, NY 14206

Fax: Phone: (716) 818-1212
Project: **BPA Pickle Building, Controlled Demo Background IB**

Customer ID: KZIE77
Customer PO:
Received: 02/20/12 1:25 PM
EMSL Order: 141200853

EMSL Proj:
Analysis Date: 2/21/2012

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
I-1	I-1	2/20/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141200853-0001									
I-2	I-2	2/20/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141200853-0002									
I-3	I-3	2/20/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141200853-0003									
I-4	I-4	2/20/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141200853-0004									
I-5	I-5	2/20/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141200853-0005									
O-6	O-6	2/20/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141200853-0006									
O-7	O-7	2/20/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141200853-0007									
O-8	O-8	2/20/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141200853-0008									
O-9	O-9	2/20/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141200853-0009									
O-10	O-10	2/20/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141200853-0010									

Initial report from 02/21/2012 14:59:22

Analyst(s)
Linda K. Ward (12)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.31, 21-50 fibers = 0.30, 51-100 fibers = 0.25. Inter-laboratory SR values (Average of EMSL round robin data) = 0.29. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Samples received in good condition unless otherwise noted.
Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11606

EMSL Analytical, Inc.
490 Rowley Road, Depew, NY 14043
Phone: (716) 651-0030 Fax: (716) 651-0394 Email: buffalolab@emsl.com

Attn: **Steven J. Klein**
AAction Environmental Services, Inc.
1790 Clinton Street

Buffalo, NY 14206

Fax: Phone: (716) 818-1212
Project: **BPA Pickle Building, Controlled Demo Background IB**

Customer ID: KZIE77
Customer PO:
Received: 02/20/12 1:25 PM
EMSL Order: 141200853

EMSL Proj:
Analysis Date: 2/21/2012

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	*Location*	*Sample Date*	*Volume (liters)*	*Fibers*	*Fields*	*LOD (fib/cc)*	*Fibers/ mm²*	*Fibers/ cc*	*Notes*
B-1	B-1	2/20/2012		<5.5	100		<7.01		Field Blank
141200853-0011									
B-2	B-2	2/20/2012		<5.5	100		<7.01		Field Blank
141200853-0012									

The results reported have been blank corrected as applicable.

Initial report from 02/21/2012 14:59:22

Analyst(s)
Linda K. Ward (12)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.31, 21-50 fibers = 0.30, 51-100 fibers = 0.25. Inter-laboratory SR values (Average of EMSL round robin data) = 0.29. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Samples received in good condition unless otherwise noted.
Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11606

THIS IS THE LAST PAGE OF THE REPORT.

1412009 49

CHAIN OF CUSTODY

ACTION ENVIRONMENTAL SERVICES INC.
1790 CLINTON STREET • BUFFALO, NY 14206
PHONE: (716) 818-1212 • FAX: (716) 677-8813

Benchmark Environmental
CLIENT NAME

CLIENT ADDRESS Line 1

CLIENT ADDRESS Line 2

BPA Pickle Bldg, Controlled Demolition - (PREPS)
PROJECT NAME

Dunkirk Specialty Steel, 830 Brigham Road, Dunkirk, NY 14048
PROJECT ADDRESS

PROJECT CONTACT | PHONE | CELL

LAB RESULTS TO (W) | PHONE | FAX

TYPE: ASBESTOS X - PCM LEAD INDUSTRIAL HYGIENE (ANALYZE)

PROJECT SIZE/TYPE ➤ ○ MINOR ○ SMALL ◉ LARGE OTHER
SAMPLE TYPE ➤ ○ BACKGROUND IB ⊗ PREP IIA ○ HANDLING IIB ○ CLEARANCE IIC
TURN AROUND TIME ➤ ⊗ 48 HR ○ 24 HR ○ RUSH

SAMPLE NUMBER	0-1	0-2	0-3	0-4	0-5	B-1	B-2					
LABORATORY ID												
SAMPLE LOCATION	0-1	0-2	0-3	0-4	0-5	B-1	B-2					
ROTOMETER NUMBER	3L	3L	3L	3L	3L							
STARTING FLOW RATE	2.0	2.0	2.0	2.0	2.0							
ENDING FLOW RATE	2.0	2.0	2.0	2.0	2.0							
AVE. FLOW RATE (L/MIN)	2.0	2.0	2.0	2.0	2.0							
START TIME	0700	0701	0702	0703	0704							
STOP TIME	1400	1401	1402	1403	1404							
DURATION (MIN)	420	420	420	420	420							
SAMPLE VOLUME (LITERS)	840	840	840	840	840							
FIBERS / FIELDS												
FIBERS / cc												

COMMENTS:
Please contact Steve @ 603-8101 if any sample is > .01 f/cc
THANX!

SAMPLED BY Steven J. Klein | DATE SAMPLED 2/24/12
TRANSPORTED FROM SITE TO EMSL | TRANSPORTED BY / DATE MK 2/24/12
RECEIVED BY 2/24/12 3:50p WI | ANALYZED BY
CASSETTE LOT # | SCOPE #

EMSL Analytical, Inc.
490 Rowley Road, Depew, NY 14043
Phone: (716) 651-0030 Fax: (716) 651-0394 Email: buffalolab@emsl.com

Attn: **Steven J. Klein**
AAction Environmental Services, Inc.
1790 Clinton Street

Buffalo, NY 14206

Fax: Phone: (716) 818-1212
Project: **BPA Pickle Bldg Controlled Demolition Prep IIA**

Customer ID: KZIE77
Customer PO:
Received: 02/24/12 3:50 PM
EMSL Order: 141200949

EMSL Proj:
Analysis Date: 2/27/2012

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	*Location*	*Sample Date*	*Volume (liters)*	*Fibers*	*Fields*	*LOD (fib/cc)*	*Fibers/ mm²*	*Fibers/ cc*	*Notes*
O-1 *141200949-0001*	O-1	2/24/2012	840.00	6	100	0.003	7.64	0.004	
O-2 *141200949-0002*	O-2	2/24/2012	840.00	<5.5	100	0.003	<7.01	<0.003	
O-3 *141200949-0003*	O-3	2/24/2012	840.00	<5.5	100	0.003	<7.01	<0.003	
O4 *141200949-0004*	O-4	2/24/2012	840.00	<5.5	100	0.003	<7.01	<0.003	
O-5 *141200949-0005*	O-5	2/24/2012	840.00	<5.5	100	0.003	<7.01	<0.003	
B-1 *141200949-0006*	B-1	2/24/2012		<5.5	100		<7.01		Field Blank
B-2 *141200949-0007*	B-2	2/24/2012		<5.5	100		<7.01		Field Blank

The results reported have been blank corrected as applicable.

Initial report from 02/27/2012 13:44:07

Analyst(s)
Linda K. Ward (7)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.31, 21-50 fibers = 0.30, 51-100 fibers = 0.25. Inter-laboratory SR values (Average of EMSL round robin data) = 0.29. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Samples received in good condition unless otherwise noted.
Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11606

THIS IS THE LAST PAGE OF THE REPORT.

1412009 61

CHAIN OF CUSTODY

ACTION ENVIRONMENTAL SERVICES INC.
1790 CLINTON STREET • BUFFALO, NY 14206
PHONE: (716) 818-1212 • FAX: (716) 677-8813

Benchmark Environmental
CLIENT NAME

CLIENT ADDRESS Line 1

CLIENT ADDRESS Line 2

BPA Pickle Bldg, Controlled Demolition - (HANDLING)
PROJECT NAME

Dunkirk Specialty Steel, 830 Brigham Road, Dunkirk, NY 14048
PROJECT ADDRESS

PROJECT CONTACT PHONE CELL

LAB RESULTS TO PHONE FAX

TYPE: ASBESTOS X - PCM (PW) (TMH) LEAD INDUSTRIAL HYGIENE (ANALYZE)

PROJECT SIZE/TYPE ➤ ○ MINOR ○ SMALL ◉ LARGE OTHER
SAMPLE TYPE ➤ ○ BACKGROUND IB ○ PREP IIA ⊗ HANDLING IIB ○ CLEARANCE IIC
TURN AROUND TIME ➤ ○ 48 HR ⊗ 24 HR ○ RUSH

SAMPLE NUMBER	0-1	0-2	0-3	0-4	0-5	B-1	B-2					
LABORATORY ID												
SAMPLE LOCATION	0-1	0-2	0-3	0-4	0-5	B-1	B-2					
ROTOMETER NUMBER	3L	3L	3L	3L	3L							
STARTING FLOW RATE	2.0	2.0	2.0	2.0	2.0							
ENDING FLOW RATE	2.0	2.0	2.0	2.0	2.0							
AVE. FLOW RATE (L/MIN)	2.0	2.0	2.0	2.0	2.0							
START TIME	0730	0731	0732	0733	0734							
STOP TIME	1930	1931	1932	1933	1934							
DURATION (MIN)	720	720	720	720	720							
SAMPLE VOLUME (LITERS)	1440	1440	1440	1440	1440							
FIBERS / FIELDS												
FIBERS / cc												

COMMENTS:

Please contact Steve @ 603-8101 if any sample is > 0.01 f/cc
THANK!

SAMPLED BY Steven A. Klein DATE SAMPLED 2/25/12

TRANSPORTED FROM SITE TO EMSL TRANSPORTED BY / DATE MK 2/25/12

RECEIVED BY Thom Hann ANALYZED BY

CASSETTE LOT # 2-27-12 8AM Drop Box SCOPE #

EMSL Analytical, Inc.
490 Rowley Road, Depew, NY 14043
Phone: (716) 651-0030 Fax: (716) 651-0394 Email: buffalolab@emsl.com

Attn: **Steven J. Klein**
AAction Environmental Services, Inc.
1790 Clinton Street

Buffalo, NY 14206

Fax: Phone: (716) 818-1212
Project: **BPA Pickle Bldg Controlled Demolition Handling IIB**

Customer ID: KZIE77
Customer PO:
Received: 02/27/12 8:00 AM
EMSL Order: 141200961

EMSL Proj:
Analysis Date: 2/28/2012

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
O-1	O-1	2/25/2012	1440.00	<5.5	100	0.002	<7.01	<0.002	
141200961-0001									
O-2	O-2	2/25/2012	1440.00	<5.5	100	0.002	<7.01	<0.002	
141200961-0002									
O-3	O-3	2/25/2012	1440.00	<5.5	100	0.002	<7.01	<0.002	
141200961-0003									
O-4	O-4	2/25/2012	1440.00	<5.5	100	0.002	<7.01	<0.002	
141200961-0004									
O-5	O-5	2/25/2012	1440.00	<5.5	100	0.002	<7.01	<0.002	
141200961-0005									
B-1	B-1	2/25/2012		<5.5	100		<7.01		Field Blank
141200961-0006									
B-2	B-2	2/25/2012		<5.5	100		<7.01		Field Blank
141200961-0007									

The results reported have been blank corrected as applicable.

Initial report from 02/28/2012 06:36:22

Analyst(s)
Tom Hanes (7)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.31, 21-50 fibers = 0.30, 51-100 fibers = 0.25. Inter-laboratory SR values (Average of EMSL round robin data) = 0.29. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Samples received in good condition unless otherwise noted.
Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11608

THIS IS THE LAST PAGE OF THE REPORT.

CHAIN OF CUSTODY

1412009 90

ACTION ENVIRONMENTAL SERVICES INC.
1790 CLINTON STREET • BUFFALO, NY 14206
PHONE: (716) 818-1212 • FAX: (716) 677-8813

Benchmark Environmental
CLIENT NAME

CLIENT ADDRESS Line 1

CLIENT ADDRESS Line 2

BPA Pickle Bldg, Controlled Demolition - (HANDLING)
PROJECT NAME

Dunkirk Specialty Steel, 830 Brigham Road, Dunkirk, NY 14048
PROJECT ADDRESS

PROJECT CONTACT PHONE CELL

LAB RESULTS TO PHONE FAX

TYPE: ASBESTOS X - PCM LEAD INDUSTRIAL HYGIENE (ANALYZE)

PROJECT SIZE/TYPE ➤ ○ MINOR ○ SMALL ◉ LARGE OTHER
SAMPLE TYPE ➤ ○ BACKGROUND IB ○ PREP IIA ⊗ HANDLING IIB ○ CLEARANCE IIC
TURN AROUND TIME ➤ ⊗ 48 HR ○ 24 HR ○ RUSH

SAMPLE NUMBER	0-1	0-2	0-3	0-4	0-5	B-1	B-2					
LABORATORY ID												
SAMPLE LOCATION	0-1	0-2	0-3	0-4	0-5	B-1	B-2					
ROTOMETER NUMBER	3L	3L	3L	3L	3L							
STARTING FLOW RATE	2.0	2.0	2.0	2.0	2.0							
ENDING FLOW RATE	2.0	2.0	2.0	2.0	2.0							
AVE. FLOW RATE (L/MIN)	2.0	2.0	2.0	2.0	2.0							
START TIME	0730	0731	0732	0733	0734							
STOP TIME	1630	1631	1632	1633	1634							
DURATION (MIN)	540	540	540	540	540							
SAMPLE VOLUME (LITERS)	1080	1080	1080	1080	1080							
FIBERS / FIELDS												
FIBERS / cc												

COMMENTS:

Please contact Steve @ 603.8101 if any sample is > .01 f/cc
THANK!

SAMPLED BY Steven J Kilpin DATE SAMPLED 2/27/12

TRANSPORTED FROM SITE TO EMSL TRANSPORTED BY / DATE SJK 2/27/12

RECEIVED BY Bill M 80 ANALYZED BY 2/27/12 5:36PM

CASSETTE LOT # SCOPE #

EMSL Analytical, Inc.
490 Rowley Road, Depew, NY 14043
Phone: (716) 651-0030 Fax: (716) 651-0394 Email: buffalolab@emsl.com

Attn: **Steven J. Klein**
AAction Environmental Services, Inc.
1790 Clinton Street

Buffalo, NY 14206

Fax: Phone: (716) 818-1212
Project: **BPA Pickle Bldg Controlled Demolition Handling IIB**

Customer ID: KZIE77
Customer PO:
Received: 02/27/12 5:36 PM
EMSL Order: 141200990

EMSL Proj:
Analysis Date: 2/29/2012

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	*Location*	*Sample Date*	*Volume (liters)*	*Fibers*	*Fields*	*LOD (fib/cc)*	*Fibers/ mm²*	*Fibers/ cc*	*Notes*
O-1	O-1	2/27/2012	1080.00	<5.5	100	0.002	<7.01	<0.003	
141200990-0001									
O-2	O-2	2/27/2012	1080.00	8	100	0.002	10.2	0.004	
141200990-0002									
O-3	O-3	2/27/2012	1080.00	7	100	0.002	8.92	0.003	
141200990-0003									
O-4	O-4	2/27/2012	1080.00	9.5	100	0.002	12.1	0.004	
141200990-0004									
O-5	O-5	2/27/2012	1080.00	<5.5	100	0.002	<7.01	<0.003	
141200990-0005									
B-1	B-1	2/27/2012		<5.5	100		<7.01		Field Blank
141200990-0006									
B-2	B-2	2/27/2012		<5.5	100		<7.01		Field Blank
141200990-0007									

The results reported have been blank corrected as applicable.

Initial report from 02/29/2012 15:30:44

Analyst(s)
Rachel Glese (7)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.31, 21-50 fibers = 0.30, 51-100 fibers = 0.25. Inter-laboratory SR values (Average of EMSL round robin data) = 0.29. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Samples received in good condition unless otherwise noted.
Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11606

THIS IS THE LAST PAGE OF THE REPORT.

14/2010/18

CHAIN OF CUSTODY

ACTION ENVIRONMENTAL SERVICES INC.
1790 CLINTON STREET • BUFFALO, NY 14206
PHONE: (716) 818-1212 • FAX: (716) 677-8813

Benchmark Environmental
CLIENT NAME

CLIENT ADDRESS Line 1

CLIENT ADDRESS Line 2

BPA Pickle Bldg, Controlled Demolition - (HANDLING)
PROJECT NAME

Dunkirk Specialty Steel, 830 Brigham Road, Dunkirk, NY 14048
PROJECT ADDRESS

PROJECT CONTACT PHONE CELL

LAB RESULTS TO PHONE FAX

TYPE: ASBESTOS X - PCM TMH LEAD INDUSTRIAL HYGIENE (ANALYZE)

PROJECT SIZE/TYPE ➤ ○ MINOR ○ SMALL ◉ LARGE OTHER
SAMPLE TYPE ➤ ○ BACKGROUND IB ○ PREP IIA ⊗ HANDLING IIB ○ CLEARANCE IIC
TURN AROUND TIME ➤ ⊗ 48 HR ○ 24 HR ○ RUSH

SAMPLE NUMBER	O-1	O-2	O-3	O-4	O-5	B-1	B-2					
LABORATORY ID												
SAMPLE LOCATION	O-1	O-2	O-3	O-4	O-5	B-1	B-2					
ROTOMETER NUMBER	3L	3L	3L	3L	3L							
STARTING FLOW RATE	2.0	2.0	2.0	2.0	2.0							
ENDING FLOW RATE	2.0	2.0	2.0	2.0	2.0							
AVE. FLOW RATE (L/MIN)	2.0	2.0	2.0	2.0	2.0							
START TIME	0700	0701	0702	0703	0704							
STOP TIME	1630	1631	1632	1633	1634							
DURATION (MIN)	570	570	570	570	570							
SAMPLE VOLUME (LITERS)	1140	1140	1140	1140	1140							
FIBERS / FIELDS												
FIBERS / cc												

COMMENTS:
Please contact Steve C 603-8101 if any sample is > .01 f/cc !
THANK.

SAMPLED BY Steven J. Klein DATE SAMPLED 2/28/12

TRANSPORTED FROM SITE TO EASL TRANSPORTED BY / DATE MC 2/28/12

RECEIVED BY Bill M DO 2/28/11 5:30PM ANALYZED BY

CASSETTE LOT # SCOPE #

EMSL Analytical, Inc.
490 Rowley Road, Depew, NY 14043
Phone: (716) 651-0030 Fax: (716) 651-0394 Email: buffalolab@emsl.com

Attn: **Steven J. Klein**
AAction Environmental Services, Inc.
1790 Clinton Street

Buffalo, NY 14206

Fax: Phone: (716) 818-1212
Project: **BPA Pickle Bldg. Controlled Demolition Handling IIB**

Customer ID: KZIE77
Customer PO:
Received: 02/28/12 5:30 PM
EMSL Order: 141201018

EMSL Proj:
Analysis Date: 3/1/2012

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	*Location*	*Sample Date*	*Volume (liters)*	*Fibers*	*Fields*	*LOD (fib/cc)*	*Fibers/ mm²*	*Fibers/ cc*	*Notes*
O-1 *141201018-0001*	O-1	2/28/2012	1140.00	<5.5	100	0.002	<7.01	<0.002	
O-2 *141201018-0002*	O-2	2/28/2012	1140.00	<5.5	100	0.002	<7.01	<0.002	
O-3 *141201018-0003*	O-3	2/28/2012	1140.00	<5.5	100	0.002	<7.01	<0.002	
O-4 *141201018-0004*	O-4	2/28/2012	1140.00	<5.5	100	0.002	<7.01	<0.002	
O-5 *141201018-0005*	O-5	2/28/2012	1140.00	<5.5	100	0.002	<7.01	<0.002	
B-1 *141201018-0006*	B-1	2/28/2012		<5.5	100		<7.01		Field Blank
B-2 *141201018-0007*	B-2	2/28/2012		<5.5	100		<7.01		Field Blank

The results reported have been blank corrected as applicable.

Initial report from 03/01/2012 15:53:38

Analyst(s)
Ken Najuch (7)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.31, 21-50 fibers = 0.30, 51-100 fibers = 0.25. Inter-laboratory SR values (Average of EMSL round robin data) = 0.29. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Samples received in good condition unless otherwise noted.
Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11606

THIS IS THE LAST PAGE OF THE REPORT.

14/201054

CHAIN OF CUSTODY

ACTION ENVIRONMENTAL SERVICES INC.
1790 CLINTON STREET • BUFFALO, NY 14206
PHONE: (716) 818-1212 • FAX: (716) 677-8813

Benchmark Environmental
CLIENT NAME

CLIENT ADDRESS Line 1

CLIENT ADDRESS Line 2

BPA Pickle Bldg, Controlled Demolition - (HANDLING)
PROJECT NAME

Dunkirk Specialty Steel, 830 Brigham Road, Dunkirk, NY 14048
PROJECT ADDRESS

PROJECT CONTACT PHONE CELL

LAB RESULTS TO PHONE FAX

TYPE: ASBESTOS X - PCM (w) LEAD INDUSTRIAL HYGIENE (ANALYZE)

PROJECT SIZE/TYPE ➤ ○ MINOR ○ SMALL ◉ LARGE OTHER
SAMPLE TYPE ➤ ○ BACKGROUND IB ○ PREP IIA ⊗ HANDLING IIB ○ CLEARANCE IIC
TURN AROUND TIME ➤ ○ 48 HR ⊗ 24 HR ○ RUSH

SAMPLE NUMBER	0-1	0-2	0-3	0-4	0-5	B-1	B-2					
LABORATORY ID												
SAMPLE LOCATION	0-1	0-2	0-3	0-4	0-5	B.1	B.2					
ROTOMETER NUMBER	3L	3L	3L	3L	7L							
STARTING FLOW RATE	2.0	2.0	2.0	2.0	2.0							
ENDING FLOW RATE	2.0	2.0	2.0	2.0	2.0							
AVE. FLOW RATE (L/MIN)	2.0	2.0	2.0	2.0	2.0							
START TIME	0700	0701	0702	0703	0704							
STOP TIME	1430	1431	1432	1433	1434							
DURATION (MIN)	450	450	450	450	450							
SAMPLE VOLUME (LITERS)	900	900	900	900	900							
FIBERS / FIELDS												
FIBERS / cc												

COMMENTS:
Please contact Steve @ 603.8101 if any results in > .01 f/cc,
THANK!

SAMPLED BY Steven J. Klein DATE SAMPLED 2/29/12

TRANSPORTED FROM site to emsl TRANSPORTED BY / DATE MK 2/29/12

RECEIVED BY Bill M DO 3/1/12 6:05PM ANALYZED BY

CASSETTE LOT # SCOPE #

EMSL Analytical, Inc.
490 Rowley Road, Depew, NY 14043
Phone: (716) 651-0030 Fax: (716) 651-0394 Email: buffalolab@emsl.com

Attn: **Steven J. Klein**
AAction Environmental Services, Inc.
1790 Clinton Street

Buffalo, NY 14206

Fax: Phone: (716) 818-1212
Project: **BPA Pickle Bldg. Controlled Demolition Handling IIB**

Customer ID: KZIE77
Customer PO:
Received: 03/01/12 6:05 PM
EMSL Order: 141201054

EMSL Proj:
Analysis Date: 3/2/2012

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	*Location*	*Sample Date*	*Volume (liters)*	*Fibers*	*Fields*	*LOD (fib/cc)*	*Fibers/ mm²*	*Fibers/ cc*	*Notes*
O-1	O-1	2/29/2012	900.00	<5.5	100	0.003	<7.01	<0.003	
141201054-0001									
O-2	O-2	2/29/2012	900.00	<5.5	100	0.003	<7.01	<0.003	
141201054-0002									
O-3	O-3	2/29/2012	900.00	<5.5	100	0.003	<7.01	<0.003	
141201054-0003									
O-4	O-4	2/29/2012	900.00	<5.5	100	0.003	<7.01	<0.003	
141201054-0004									
O-5	O-5	2/29/2012	900.00	<5.5	100	0.003	<7.01	<0.003	
141201054-0005									
B-1	B-1	2/29/2012		<5.5	100		<7.01		Field Blank
141201054-0006									
B-2	B-2	2/29/2012		<5.5	100		<7.01		Field Blank
141201054-0007									

The results reported have been blank corrected as applicable.

Initial report from 03/02/2012 13:24:52

Analyst(s)
Linda K. Ward (7)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.31, 21-50 fibers = 0.30, 51-100 fibers = 0.25. Inter-laboratory SR values (Average of EMSL round robin data) = 0.29. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Samples received in good condition unless otherwise noted.
Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11606

THIS IS THE LAST PAGE OF THE REPORT.

CHAIN OF CUSTODY

14120106 4

ACTION ENVIRONMENTAL SERVICES INC.
1790 CLINTON STREET • BUFFALO, NY 14206
PHONE: (716) 818-1212 • FAX: (716) 677-8813

Benchmark Environmental
CLIENT NAME

CLIENT ADDRESS Line 1

CLIENT ADDRESS Line 2

BPA Pickle Bldg, Controlled Demolition - (HANDLING)
PROJECT NAME

Dunkirk Specialty Steel, 830 Brigham Road, Dunkirk, NY 14048
PROJECT ADDRESS

PROJECT CONTACT | PHONE | CELL

LAB RESULTS TO | PHONE | FAX

TYPE: ASBESTOS X - PCM (w) LEAD _____ INDUSTRIAL HYGIENE (ANALYZE _____)

PROJECT SIZE/TYPE ➤ ○ MINOR ○ SMALL ◉ LARGE OTHER _____
SAMPLE TYPE ➤ ○ BACKGROUND IB ○ PREP IIA ⊗ HANDLING IIB ○ CLEARANCE IIC
TURN AROUND TIME ➤ ⊗ 48 HR ○ 24 HR ○ RUSH _____

SAMPLE NUMBER	0-1	0-2	0-3	0-4	0-5	B-1	B-2					
LABORATORY ID												
SAMPLE LOCATION	0-1	0-2	0-3	0-4	0-5	B.1	B.2					
ROTOMETER NUMBER	3L	3L	3L	3L	3L							
STARTING FLOW RATE	2.0	2.0	2.0	2.0	2.0							
ENDING FLOW RATE	2.0	2.0	2.0	2.0	2.0							
AVE. FLOW RATE (L/MIN)	2.0	2.0	2.0	2.0	2.0							
START TIME	0700	0701	0702	0703	0704							
STOP TIME	1700	1701	1702	1703	1704							
DURATION (MIN)	600	600	600	600	600							
SAMPLE VOLUME (LITERS)	1200	1200	1200	1200	1200							
FIBERS / FIELDS												
FIBERS / cc												

COMMENTS:
Please contact Mike @ 603.8101 if any sample is > .01 f/cc
THANK!

SAMPLED BY Steven J. Kiehn | DATE SAMPLED 3/1/12
TRANSPORTED FROM SITE TO EMSL | TRANSPORTED BY / DATE MC 3/1/12
RECEIVED BY Bill M DO 3/1/12 6:05PM | ANALYZED BY
CASSETTE LOT # | SCOPE #

EMSL Analytical, Inc.
490 Rowley Road, Depew, NY 14043
Phone: (716) 651-0030 Fax: (716) 651-0394 Email: buffalolab@emsl.com

Attn: **Steven J. Klein**
AAction Environmental Services, Inc.
1790 Clinton Street

Buffalo, NY 14206

Fax: Phone: (716) 818-1212
Project: **BPA Pickle Bldg. Controlled Demolition Handling IIB**

Customer ID: KZIE77
Customer PO:
Received: 03/01/12 6:05 PM
EMSL Order: 141201064

EMSL Proj:
Analysis Date: 3/2/2012

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	*Location*	*Sample Date*	*Volume (liters)*	*Fibers*	*Fields*	*LOD (fib/cc)*	*Fibers/ mm²*	*Fibers/ cc*	*Notes*
O-1	O-1	3/1/2012	1200.00	<5.5	100	0.002	<7.01	<0.002	
141201064-0001									
O-2	O-2	3/1/2012	1200.00	<5.5	100	0.002	<7.01	<0.002	
141201064-0002									
O-3	O-3	3/1/2012	1200.00	<5.5	100	0.002	<7.01	<0.002	
141201064-0003									
O-4	O-4	3/1/2012	1200.00	<5.5	100	0.002	<7.01	<0.002	
141201064-0004									
O-5	O-5	3/1/2012	1200.00	<5.5	100	0.002	<7.01	<0.002	
141201064-0005									
B-1	B-1	3/1/2012		<5.5	100		<7.01		Field Blank
141201064-0006									
B-2	B-2	3/1/2012		<5.5	100		<7.01		Field Blank
141201064-0007									

The results reported have been blank corrected as applicable.

Initial report from 03/02/2012 15:51:55

Analyst(s)
Linda K. Ward (7)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.31, 21-50 fibers = 0.30, 51-100 fibers = 0.25. Inter-laboratory SR values (Average of EMSL round robin data) = 0.29. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Samples received in good condition unless otherwise noted.
Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11606

THIS IS THE LAST PAGE OF THE REPORT.

CHAIN OF CUSTODY

1412Q1068

ACTION ENVIRONMENTAL SERVICES INC.
1790 CLINTON STREET • BUFFALO, NY 14206
PHONE: (716) 818-1212 • FAX: (716) 677-8813

Benchmark Environmental
CLIENT NAME

CLIENT ADDRESS Line 1

CLIENT ADDRESS Line 2

BPA Pickle Bldg, Controlled Demolition - (HANDLING)
PROJECT NAME

Dunkirk Specialty Steel, 830 Brigham Road, Dunkirk, NY 14048
PROJECT ADDRESS

PROJECT CONTACT PHONE CELL

LAB RESULTS TO PHONE FAX

TYPE: ASBESTOS X - PCM (W) LEAD INDUSTRIAL HYGIENE (ANALYZE)

PROJECT SIZE/TYPE ➤ ○ MINOR ○ SMALL ◉ LARGE OTHER
SAMPLE TYPE ➤ ○ BACKGROUND IB ○ PREP IIA ⊗ HANDLING IIB ○ CLEARANCE IIC
TURN AROUND TIME ➤ ⊗ 48 HR ○ 24 HR ○ RUSH

SAMPLE NUMBER	O-1	O-2	O-3	O-4	O-5	B-1	B-2					
LABORATORY ID												
SAMPLE LOCATION	O-1	O-2	O-3	O-4	O-5	B-1	B-2					
ROTOMETER NUMBER	3L	3L	3L	3L	3L							
STARTING FLOW RATE	2.0	2.0	2.0	2.0	2.0							
ENDING FLOW RATE	2.0	2.0	2.0	2.0	2.0							
AVE. FLOW RATE (L/MIN)	2.0	2.0	2.0	2.0	2.0							
START TIME	0700	0701	0702	0703	0704							
STOP TIME	1200	1201	1202	1203	1204							
DURATION (MIN)	300	300	300	300	300							
SAMPLE VOLUME (LITERS)	600	600	600	600	600							
FIBERS / FIELDS												
FIBERS / cc												

COMMENTS:
Please contact Mike @ 603.8101 if any results are > .01 f/cc
THANK!

SAMPLED BY Steven J. Klein DATE SAMPLED 3/2/12

TRANSPORTED FROM SITE TO EMSL TRANSPORTED BY / DATE MK 3/2/12

RECEIVED BY DO 3/2/12 1:45PM ANALYZED BY

CASSETTE LOT # SCOPE #

EMSL Analytical, Inc.
490 Rowley Road, Depew, NY 14043
Phone: (716) 651-0030 Fax: (716) 651-0394 Email: buffalolab@emsl.com

Attn: **Steven J. Klein**
AAction Environmental Services, Inc.
1790 Clinton Street

Buffalo, NY 14206

Fax: Phone: (716) 818-1212
Project: **BPA Pickle Bldg. Controlled Demolition Handling IIB**

Customer ID: KZIE77
Customer PO:
Received: 03/02/12 1:45 PM
EMSL Order: 141201068

EMSL Proj:
Analysis Date: 3/2/2012

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	*Location*	*Sample Date*	*Volume (liters)*	*Fibers*	*Fields*	*LOD (fib/cc)*	*Fibers/ mm²*	*Fibers/ cc*	*Notes*
O-1 *141201068-0001*	O-1	3/2/2012	600.00	<5.5	100	0.004	<7.01	<0.005	
O-2 *141201068-0002*	O-2	3/2/2012	600.00	<5.5	100	0.004	<7.01	<0.005	
O-3 *141201068-0003*	O-3	3/2/2012	600.00	<5.5	100	0.004	<7.01	<0.005	
O-4 *141201068-0004*	O-4	3/2/2012	600.00	<5.5	100	0.004	<7.01	<0.005	
O-5 *141201068-0005*	O-5	3/2/2012	600.00	<5.5	100	0.004	<7.01	<0.005	
B-1 *141201068-0006*	B-1	3/2/2012		<5.5	100		<7.01		Field Blank
B-2 *141201068-0007*	B-2	3/2/2012		<5.5	100		<7.01		Field Blank

The results reported have been blank corrected as applicable.

nitial report from 03/05/2012 08:23:39

Analyst(s)
Linda K. Ward (7)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.31, 21-50 fibers = 0.30, 51-100 fibers = 0.25. Inter-laboratory SR values (Average of EMSL round robin data) = 0.29. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Samples received in good condition unless otherwise noted.
Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11606

THIS IS THE LAST PAGE OF THE REPORT.

14120107B

CHAIN OF CUSTODY

ACTION ENVIRONMENTAL SERVICES INC.
1790 CLINTON STREET • BUFFALO, NY 14206
PHONE: (716) 818-1212 • FAX: (716) 677-8813

Benchmark Environmental
CLIENT NAME

CLIENT ADDRESS Line 1

CLIENT ADDRESS Line 2

BPA Pickle Bldg, Controlled Demolition - (FINALS)
PROJECT NAME

Dunkirk Specialty Steel, 830 Brigham Road, Dunkirk, NY 14048
PROJECT ADDRESS

PROJECT CONTACT | PHONE | CELL

LAB RESULTS TO (JMH) | PHONE | FAX

TYPE: ASBESTOS X - PCM LEAD INDUSTRIAL HYGIENE (ANALYZE)

PROJECT SIZE/TYPE ➤ ○ MINOR ○ SMALL ◉ LARGE OTHER
SAMPLE TYPE ➤ ○ BACKGROUND IB ○ PREP IIA ○ HANDLING IIB ⊗ CLEARANCE IIC
TURN AROUND TIME ➤ ○ 48 HR ○ 24 HR ⊗ RUSH THREE (3) HOUR TURNAROUND

SAMPLE NUMBER	I-1	I-2	I-3	I-4	I-5	O-6	O-7	O-8	O-9	O-10	B-1	B-2
LABORATORY ID												
SAMPLE LOCATION	I-1	I-2	I-3	I-4	I-5	O-6	O-7	O-8	O-9	O-10	B-1	B-2
ROTOMETER NUMBER	3L	3L	3L	3L	3L	3L	3L	3L	3L	3L		
STARTING FLOW RATE	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5		
ENDING FLOW RATE	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5		
AVE. FLOW RATE (L/MIN)	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5		
START TIME	0600	0601	0602	0603	0604	0605	0606	0607	0608	0609		
STOP TIME	0900	0901	0902	0903	0904	0905	0906	0907	0908	0909		
DURATION (MIN)	180	180	180	180	180	180	180	180	180	180		
SAMPLE VOLUME (LITERS)	630	630	630	630	630	630	630	630	630	630		
FIBERS / FIELDS												
FIBERS / cc												

COMMENTS:
Please contact Mike @ 603-8101 w/final results ★ 3-HOUR ! RUSH ! THANK!

SAMPLED BY Steven J. Klein | DATE SAMPLED 3/3/12
TRANSPORTED FROM S.I.C. TO EMSL | TRANSPORTED BY / DATE MC 3/3/12
RECEIVED BY Bill M 3/3/12 10:12AM | ANALYZED BY
CASSETTE LOT # | SCOPE #

EMSL Analytical, Inc.
490 Rowley Road, Depew, NY 14043
Phone: (716) 651-0030 Fax: (716) 651-0394 Email: buffalolab@emsl.com

Attn: **Steven J. Klein**
AAction Environmental Services, Inc.
1790 Clinton Street

Buffalo, NY 14206

Fax: Phone: (716) 818-1212
Project: **BPA Pickle Bldg, Controlled Demolition Clearance IIC**

Customer ID: KZIE77
Customer PO:
Received: 03/03/12 10:12 AM
EMSL Order: 141201078

EMSL Proj:
Analysis Date: 3/3/2012

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	*Location*	*Sample Date*	*Volume (liters)*	*Fibers*	*Fields*	*LOD (fib/cc)*	*Fibers/ mm²*	*Fibers/ cc*	*Notes*
I-1	I-1	3/3/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141201078-0001									
I-2	I-2	3/3/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141201078-0002									
I-3	I-3	3/3/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141201078-0003									
I-4	I-4	3/3/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141201078-0004									
I-5	I-5	3/3/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141201078-0005									
O-6	O-6	3/3/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141201078-0006									
O-7	O-7	3/3/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141201078-0007									
O-8	O-8	3/3/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141201078-0008									
O-9	O-9	3/3/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141201078-0009									
O-10	O-10	3/3/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141201078-0010									

Report Amended: 03/05/2012 09:09:00 Replaces the Inital Report 03/03/2012 12:51:47. Reason Code: Data Entry-Change to Project

Analyst(s)
Tom Hanes (12)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.31, 21-50 fibers = 0.30, 51-100 fibers = 0.25. Inter-laboratory SR values (Average of EMSL round robin data) = 0.29. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Samples received in good condition unless otherwise noted.
Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11606

EMSL Analytical, Inc.
490 Rowley Road, Depew, NY 14043
Phone: (716) 651-0030 Fax: (716) 651-0394 Email: buffalolab@emsl.com

Attn: **Steven J. Klein**
AAction Environmental Services, Inc.
1790 Clinton Street

Buffalo, NY 14206

Fax: Phone: (716) 818-1212
Project: **BPA Pickle Bldg, Controlled Demolition Clearance IIC**

Customer ID: KZIE77
Customer PO:
Received: 03/03/12 10:12 AM
EMSL Order: 141201078

EMSL Proj:
Analysis Date: 3/3/2012

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	*Location*	*Sample Date*	*Volume (liters)*	*Fibers*	*Fields*	*LOD (fib/cc)*	*Fibers/ mm²*	*Fibers/ cc*	*Notes*
B-1	B-1	3/3/2012		<5.5	100		<7.01		Field Blank
141201078-0011									
B-2	B-2	3/3/2012		<5.5	100		<7.01		Field Blank
141201078-0012									

The results reported have been blank corrected as applicable.

Report Amended: 03/05/2012 09:09:00 Replaces the Inital Report 03/03/2012 12:51:47. Reason Code: Data Entry-Change to Project

Analyst(s)
Tom Hanes (12)

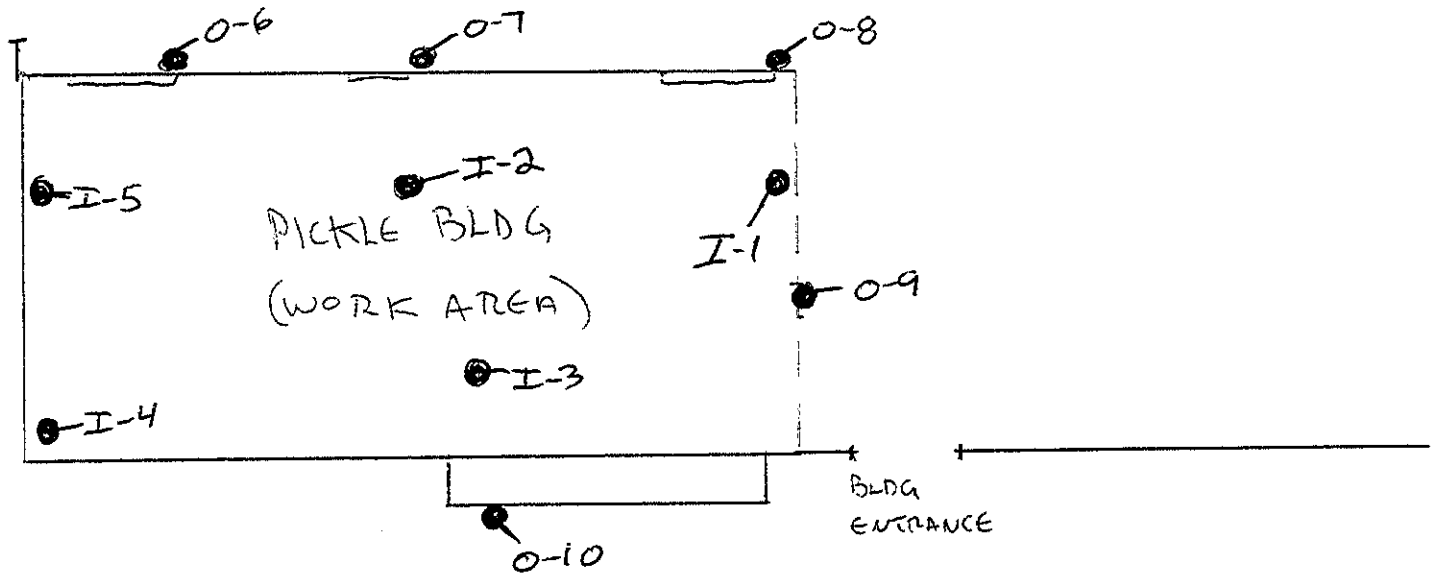
Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.31, 21-50 fibers = 0.30, 51-100 fibers = 0.25. Inter-laboratory SR values (Average of EMSL round robin data) = 0.29. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Samples received in good condition unless otherwise noted.
Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11606

Map #1

DUNKIRK SPECIALTY STEEL



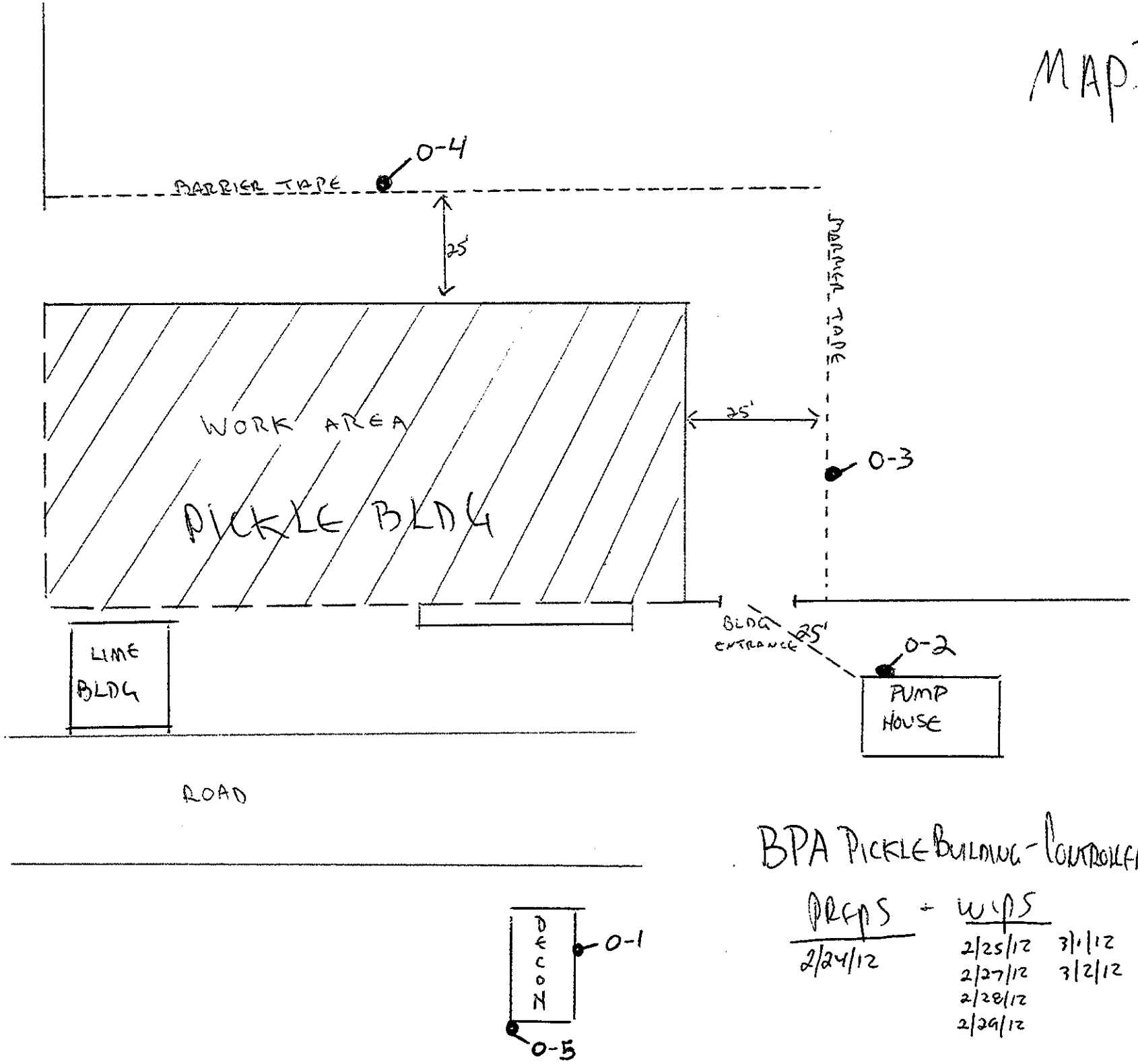
LIME BLDG

BPA Pickle BLDG - Controlled Demo

BACKS - 2/20/12

FINALS - 3/3/12

MAP #2



BPA Pickle Building - Controlled Demo

PRCPS	WIPS	
2/24/12	2/25/12	3/1/12
	2/27/12	3/2/12
	2/28/12	
	2/29/12	

AACTION ENVIRONMENTAL SERVICES INC.

March 16, 2012

Benchmark Environmental Engineering & Science
Mr. Thomas Forbes
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218

Project Name: **BPA Lime Bldg - Controlled Demolition** Project Size: **Large**

Project Location: **BPA Lime Building**
830 Brigham Rd, Dunkirk, NY 14048

Project Dates: **02/20/12 &**
03/08/12 – 03/09/12

Dear Mr. Forbes,

Please find enclosed the Chain of Custodies, Phase Contrast Microscopy (PCM) air results and Maps/ Sample Locations for the above referenced project. Air monitoring consisted of Background, Work Area Preps, Asbestos Handling and Clearance/ Final sampling to monitor the concentrations of airborne fibrous materials on a large asbestos abatement project. Aaction Environmental Services, Inc conducted the air monitoring using commonly accepted sampling procedures acknowledged in New York State following guidelines and protocols of 12 NYCRR Part 56 – (NY State Code Rule #56). Air samples are designated I for Inside and O for Outside the work area. Please note, the clearance fiber concentrations were all less than 0.01 fibers per cubic centimeter, this meets (passes) satisfactory air sample testing criteria.

Benchmark Environmental Engineering & Science retained Aaction Environmental Services for (third party) Air Monitoring and Project Monitor/ Final Visual Inspection services on a large (Controlled Demolition) asbestos project located at the former Al Tech Steel - BPA Lime Building, 830 Brigham Road, Dunkirk, NY 14048. Aaction Environmental Services, Inc performed the reporting and air monitoring duties. All samples were analyzed by Phase Contrast Microscopy (PCM) according to the National Institute of Safety and Health (NIOSH) Method 7400, Fourth Edition, Issue 2, 08/15/94 by EMSL Analytical, Inc - NY State ELAP # 11606.

The enclosed results are submitted pursuant to Aaction Environmental Services current terms and conditions of sale. No responsibility or liability is assumed for the manner in which these results are used or interpreted, these results pertain only to the items tested on the sample dates listed. Unless notified in writing, Aaction Environmental Services, Inc will discard what remains of the samples for this project after ninety days of storage.

Should you have any questions regarding the enclosed reports or require additional information please contact us at 716-818-1212.

Sincerely,
Kevin Zielinski
Kevin Zielinski
President

1790 Clinton Street * Buffalo, NY 14206 * (716) 818-1212 * Fax (716) 677-8813

CHAIN OF CUSTODY

14120085 4

ACTION ENVIRONMENTAL SERVICES INC.
1790 CLINTON STREET • BUFFALO, NY 14206
PHONE: (716) 818-1212 • FAX: (716) 677-8813

CLIENT NAME: BENCHMARK ENVIRONMENTAL

CLIENT ADDRESS Line 1: 255 S HAMBURG TURNPIKE, SUITE 300

CLIENT ADDRESS Line 2: LACKAWANNA, NY 14218

PROJECT NAME: BPA LIME BUILDING - CONTROLLED DEMO (PACKS)

PROJECT ADDRESS: DUNKIRK SPECIALTY STEEL @30 BRIGHAM RD DUNKIRK, NY 14048

PROJECT CONTACT _____ PHONE _____ CELL _____

LAB RESULTS TO _____ PHONE _____ FAX _____

TYPE: ASBESTOS + PCM(w) LEAD _____ INDUSTRIAL HYGIENE (ANALYZE _____)

PROJECT SIZE/TYPE ➤ ○ MINOR ○ SMALL ⊗ LARGE OTHER _____

SAMPLE TYPE ➤ ⊗ BACKGROUND IB ○ PREP IIA ○ HANDLING IIB ○ CLEARANCE IIC

TURN AROUND TIME ➤ ⊗ 48 HR ○ 24 HR ○ RUSH _____

SAMPLE NUMBER	I-1	I-2	I-3	I-4	I-5	O-6	O-7	O-8	O-9	O-10	B-1	B-2
LABORATORY ID												
SAMPLE LOCATION	I-1	I-2	I-3	I-4	I-5	O-6	O-7	O-8	O-9	O-10	B-1	B-2
ROTOMETER NUMBER	3L	3L	3L	3L	3L	3L	3L	3L	3L	3L		
STARTING FLOW RATE	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5		
ENDING FLOW RATE	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5		
AVE. FLOW RATE (L/MIN)	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5		
START TIME	0815	0816	0817	0818	0819	0820	0821	0822	0823	0824		
STOP TIME	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124		
DURATION (MIN)	180	180	180	180	180	180	180	180	180	180		
SAMPLE VOLUME (LITERS)	630	630	630	630	630	630	630	630	630	630		
FIBERS / FIELDS												
FIBERS / cc												

COMMENTS:

SAMPLED BY Steven A. Klein DATE SAMPLED 2/20/12

TRANSPORTED FROM SITE TO EMSL TRANSPORTED BY / DATE SAC 2/20/12

RECEIVED BY [signature] 2/20/12 1:25PM ANALYZED BY _____

CASSETTE LOT # _____ SCOPE # _____

EMSL Analytical, Inc.
490 Rowley Road, Depew, NY 14043
Phone: (716) 651-0030 Fax: (716) 651-0394 Email: buffalolab@emsl.com

Attn: **Steven J. Klein**
AAction Environmental Services, Inc.
1790 Clinton Street

Buffalo, NY 14206

Fax: Phone: (716) 818-1212
Project: **BPA Lime Building, Controlled Demo Background IB**

Customer ID: KZIE77
Customer PO:
Received: 02/20/12 1:25 PM
EMSL Order: 141200854

EMSL Proj:
Analysis Date: 2/21/2012

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	*Location*	*Sample Date*	*Volume (liters)*	*Fibers*	*Fields*	*LOD (fib/cc)*	*Fibers/ mm²*	*Fibers/ cc*	*Notes*
I-1 *141200854-0001*	I-1	2/20/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
I-2 *141200854-0002*	I-2	2/20/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
I-3 *141200854-0003*	I-3	2/20/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
I-4 *141200854-0004*	I-4	2/20/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
I-5 *141200854-0005*	I-5	2/20/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
O-6 *141200854-0006*	O-6	2/20/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
O-7 *141200854-0007*	O-7	2/20/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
O-8 *141200854-0008*	O-8	2/20/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
O-9 *141200854-0009*	O-9	2/20/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
O-10 *141200854-0010*	O-10	2/20/2012	630.00	<5.5	100	0.004	<7.01	<0.004	

Initial report from 02/21/2012 14:59:34

Analyst(s)
Linda K. Ward (12)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.31, 21-50 fibers = 0.30, 51-100 fibers = 0.25. Inter-laboratory SR values (Average of EMSL round robin data) = 0.29. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Samples received in good condition unless otherwise noted.
Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11606

EMSL Analytical, Inc.
490 Rowley Road, Depew, NY 14043
Phone: (716) 651-0030 Fax: (716) 651-0394 Email: buffalolab@emsl.com

Attn: **Steven J. Klein**
AAction Environmental Services, Inc.
1790 Clinton Street

Buffalo, NY 14206

Fax: Phone: (716) 818-1212
Project: **BPA Lime Building, Controlled Demo Background IB**

Customer ID: KZIE77
Customer PO:
Received: 02/20/12 1:25 PM
EMSL Order: 141200854

EMSL Proj:
Analysis Date: 2/21/2012

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	*Location*	*Sample Date*	*Volume (liters)*	*Fibers*	*Fields*	*LOD (fib/cc)*	*Fibers/ mm²*	*Fibers/ cc*	*Notes*
B-1	B-1	2/20/2012		<5.5	100		<7.01		Field Blank
141200854-0011									
B-2	B-2	2/20/2012		<5.5	100		<7.01		Field Blank
141200854-0012									

The results reported have been blank corrected as applicable.

Initial report from 02/21/2012 14:59:34

Analyst(s)
Linda K. Ward (12)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.31, 21-50 fibers = 0.30, 51-100 fibers = 0.25. Inter-laboratory SR values (Average of EMSL round robin data) = 0.29. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Samples received in good condition unless otherwise noted.
Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11606

141200948

CHAIN OF CUSTODY

ACTION ENVIRONMENTAL SERVICES INC.
1790 CLINTON STREET • BUFFALO, NY 14206
PHONE: (716) 818-1212 • FAX: (716) 677-8813

Benchmark Environmental
CLIENT NAME

CLIENT ADDRESS Line 1

CLIENT ADDRESS Line 2

BPA Lime Bldg, Controlled Demolition - (PREPS)
PROJECT NAME

Dunkirk Specialty Steel, 830 Brigham Road, Dunkirk, NY 14048
PROJECT ADDRESS

PROJECT CONTACT | PHONE | CELL

LAB RESULTS TO | PHONE | FAX

TYPE: ASBESTOS X - PCM (w TMP) LEAD _____ INDUSTRIAL HYGIENE (ANALYZE _____)

PROJECT SIZE/TYPE ➤ ○ MINOR ○ SMALL ◉ LARGE OTHER _____
SAMPLE TYPE ➤ ○ BACKGROUND IB ⊗ PREP IIA ○ HANDLING IIB ○ CLEARANCE IIC
TURN AROUND TIME ➤ ⊗ 48 HR ○ 24 HR ○ RUSH _____

SAMPLE NUMBER	0-1	0-2	0-3	0-4	0-5	B-1	B-2					
LABORATORY ID												
SAMPLE LOCATION	0-1	0-2	0-3	0-4	0-5	B-1	B-2					
ROTOMETER NUMBER	3L	3L	3L	3L	3L							
STARTING FLOW RATE	2.0	2.0	2.0	2.0	2.0							
ENDING FLOW RATE	2.0	2.0	2.0	2.0	2.0							
AVE. FLOW RATE (L/MIN)	2.0	2.0	2.0	2.0	2.0							
START TIME	0705	0706	0707	0708	0709							
STOP TIME	1405	1406	1407	1408	1409							
DURATION (MIN)	420	420	420	420	420							
SAMPLE VOLUME (LITERS)	840	840	840	840	840							
FIBERS / FIELDS												
FIBERS / cc												

COMMENTS:
Please contact Steve @ 603.8101 if any samples are > 7.0 f/cc
THANK!

SAMPLED BY Steven J. Klein | DATE SAMPLED 2/24/12
TRANSPORTED FROM SITE TO EMSL | TRANSPORTED BY / DATE JK 2/24/12
RECEIVED BY [illegible] 2/24/12 3:50p WI | ANALYZED BY
CASSETTE LOT # | SCOPE #

EMSL Analytical, Inc.
490 Rowley Road, Depew, NY 14043
Phone: (716) 651-0030 Fax: (716) 651-0394 Email: buffalolab@emsl.com

Attn: **Steven J. Klein**
AAction Environmental Services, Inc.
1790 Clinton Street

Buffalo, NY 14206

Fax: Phone: (716) 818-1212
Project: **BPA Lime Bldg Controlled Demolition Preps IIA**

Customer ID: KZIE77
Customer PO:
Received: 02/24/12 3:50 PM
EMSL Order: 141200948

EMSL Proj:
Analysis Date: 2/27/2012

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
O-1	O-1	2/24/2012	840.00	<5.5	100	0.003	<7.01	<0.003	
141200948-0001									
O-2	O-2	2/24/2012	840.00	<5.5	100	0.003	<7.01	<0.003	
141200948-0002									
O-3	O-3	2/24/2012	840.00	<5.5	100	0.003	<7.01	<0.003	
141200948-0003									
O-4	O-4	2/24/2012	840.00	<5.5	100	0.003	<7.01	<0.003	
141200948-0004									
O-5	O-5	2/24/2012	840.00	<5.5	100	0.003	<7.01	<0.003	
141200948-0005									
B-1	B-1	2/24/2012		<5.5	100		<7.01		Field Blank
141200948-0006									
B-2	B-2	2/24/2012		<5.5	100		<7.01		Field Blank
141200948-0007									

The results reported have been blank corrected as applicable.

Initial report from 02/27/2012 10:26:29

Analyst(s)
Tom Hanes (7)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.31, 21-50 fibers = 0.30, 51-100 fibers = 0.25. Inter-laboratory SR values (Average of EMSL round robin data) = 0.29. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Samples received in good condition unless otherwise noted.
Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11606

THIS IS THE LAST PAGE OF THE REPORT.

CHAIN OF CUSTODY

141201139

ACTION ENVIRONMENTAL SERVICES INC.
1790 CLINTON STREET • BUFFALO, NY 14206
PHONE: (716) 818-1212 • FAX: (716) 677-8813

Benchmark Environmental
CLIENT NAME

CLIENT ADDRESS Line 1

CLIENT ADDRESS Line 2

BPA Lime Bldg, Controlled Demolition - (PREPS)
PROJECT NAME

Dunkirk Specialty Steel, 830 Brigham Road, Dunkirk, NY 14048
PROJECT ADDRESS

PROJECT CONTACT | PHONE | CELL

LAB RESULTS TO | PHONE | FAX

TYPE: ASBESTOS X - PCM (w) LEAD _____ INDUSTRIAL HYGIENE (ANALYZE _____)

PROJECT SIZE/TYPE ➤ ○ MINOR ○ SMALL ◉ LARGE OTHER _____
SAMPLE TYPE ➤ ○ BACKGROUND IB ⊗ PREP IIA ○ HANDLING IIB ○ CLEARANCE IIC
TURN AROUND TIME ➤ ⊗ 48 HR ○ 24 HR ○ RUSH _____

SAMPLE NUMBER	O-1	O-2	O-3	O-4	O-5	B-1	B-2					
LABORATORY ID												
SAMPLE LOCATION	O-1	O-2	O-3	O-4	O-5	B-1	B-2					
ROTOMETER NUMBER	3L	3L	3L	3L	3L							
STARTING FLOW RATE	3.0	3.0	3.0	3.0	3.0							
ENDING FLOW RATE	3.0	3.0	3.0	3.0	3.0							
AVE. FLOW RATE (L/MIN)	3.0	3.0	3.0	3.0	3.0							
START TIME	0600	0601	0602	0603	0604							
STOP TIME	0900	0901	0902	0903	0904							
DURATION (MIN)	180	180	180	180	180							
SAMPLE VOLUME (LITERS)	540	540	540	540	540							
FIBERS / FIELDS												
FIBERS / cc												

COMMENTS:
Please contact Steve @ 603-8101 if any sample is > .01 f/cc!
THANX!

SAMPLED BY Steven J. Klein | DATE SAMPLED 3/8/12

TRANSPORTED ~~FROM~~ .. SITE TO EMSL | TRANSPORTED BY / DATE JK 3/8/12

RECEIVED BY Bill M DO 3/8/12 1:25PM | ANALYZED BY

CASSETTE LOT # | SCOPE #

EMSL Analytical, Inc.
490 Rowley Road, Depew, NY 14043
Phone: (716) 651-0030 Fax: (716) 651-0394 Email: buffalolab@emsl.com

Attn: **Steven J. Klein**
AAction Environmental Services, Inc.
1790 Clinton Street

Buffalo, NY 14206

Fax: Phone: (716) 818-1212
Project: **BPA Lime Bldg. Controlled Demolition Prep IIA**

Customer ID: KZIE77
Customer PO:
Received: 03/08/12 1:25 PM
EMSL Order: 141201139

EMSL Proj:
Analysis Date: 3/8/2012

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	*Location*	*Sample Date*	*Volume (liters)*	*Fibers*	*Fields*	*LOD (fib/cc)*	*Fibers/ mm²*	*Fibers/ cc*	*Notes*
O-1	O-1	3/8/2012	540.00	<5.5	100	0.005	<7.01	<0.005	
141201139-0001									
O-2	O-2	3/8/2012	540.00	<5.5	100	0.005	<7.01	<0.005	
141201139-0002									
O-3	O-3	3/8/2012	540.00	<5.5	100	0.005	<7.01	<0.005	
141201139-0003									
O-4	O-4	3/8/2012	540.00	<5.5	100	0.005	<7.01	<0.005	
141201139-0004									
O-5	O-5	3/8/2012	540.00	<5.5	100	0.005	<7.01	<0.005	
141201139-0005									
B-1	B-1	3/8/2012		<5.5	100		<7.01		Field Blank
141201139-0006									
B-2	B-2	3/8/2012		<5.5	100		<7.01		Field Blank
141201139-0007									

The results reported have been blank corrected as applicable.

nitial report from 03/10/2012 09:35:07

Analyst(s)
Linda K. Ward (7)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.31, 21-50 fibers = 0.30, 51-100 fibers = 0.25. Inter-laboratory SR values (Average of EMSL round robin data) = 0.29. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Samples received in good condition unless otherwise noted.
Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11606

THIS IS THE LAST PAGE OF THE REPORT.

CHAIN OF CUSTODY

1412011 40

ACTION ENVIRONMENTAL SERVICES INC.
1790 CLINTON STREET • BUFFALO, NY 14206
PHONE: (716) 818-1212 • FAX: (716) 677-8813

Benchmark Environmental
CLIENT NAME

CLIENT ADDRESS Line 1

CLIENT ADDRESS Line 2

BPA Lime Bldg, Controlled Demolition - (HANDLING)
PROJECT NAME

Dunkirk Specialty Steel, 830 Brigham Road, Dunkirk, NY 14048
PROJECT ADDRESS

PROJECT CONTACT | PHONE | CELL

LAB RESULTS TO | PHONE | FAX

TYPE: ASBESTOS X - PCM (w) LEAD _____ INDUSTRIAL HYGIENE (ANALYZE _____)

PROJECT SIZE/TYPE ➤ ○ MINOR ○ SMALL ◉ LARGE OTHER _____
SAMPLE TYPE ➤ ○ BACKGROUND IB ○ PREP IIA ⊗ HANDLING IIB ○ CLEARANCE IIC
TURN AROUND TIME ➤ ⊗ 48 HR ○ 24 HR ○ RUSH _____

SAMPLE NUMBER	O-1	O-2	O-3	O-4	O-5	B-1	B-2					
LABORATORY ID												
SAMPLE LOCATION	O-1	O-2	O-3	O-4	O-5	B-1	B-2					
ROTOMETER NUMBER	3L	3L	3L	3L	3L							
STARTING FLOW RATE	3.0	3.0	3.0	3.0	3.0							
ENDING FLOW RATE	3.0	3.0	3.0	3.0	3.0							
AVE. FLOW RATE (L/MIN)	3.0	3.0	3.0	3.0	3.0							
START TIME	0905	0906	0907	0908	0909							
STOP TIME	1205	1206	1207	1208	1209							
DURATION (MIN)	180	180	180	180	180							
SAMPLE VOLUME (LITERS)	540	540	540	540	540							
FIBERS / FIELDS												
FIBERS / cc												

COMMENTS:
Please contact Steve @ 603.8101 if any sample is > 7.0 f/cc
THANK!

SAMPLED BY Steven J. Klein | DATE SAMPLED 3/8/12

TRANSPORTED FROM SITE TO EMSL | TRANSPORTED BY / DATE MC 3/8/12

RECEIVED BY Bill M DO 3/8/12 1:25PM | ANALYZED BY

CASSETTE LOT # | SCOPE #

EMSL Analytical, Inc.
490 Rowley Road, Depew, NY 14043
Phone: (716) 651-0030 Fax: (716) 651-0394 Email: buffalolab@emsl.com

Attn: **Steven J. Klein**
AAction Environmental Services, Inc.
1790 Clinton Street

Buffalo, NY 14206

Fax: Phone: (716) 818-1212
Project: **BPA Lime Bldg. Controlled Demolition Handling IIB**

Customer ID: KZIE77
Customer PO:
Received: 03/08/12 1:25 PM
EMSL Order: 141201140

EMSL Proj:
Analysis Date: 3/8/2012

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	*Location*	*Sample Date*	*Volume (liters)*	*Fibers*	*Fields*	*LOD (fib/cc)*	*Fibers/ mm²*	*Fibers/ cc*	*Notes*
O-1 *141201140-0001*	O-1	3/8/2012	540.00	<5.5	100	0.005	<7.01	<0.005	
O-2 *141201140-0002*	O-2	3/8/2012	540.00	5.5	100	0.005	7.01	0.005	
O-3 *141201140-0003*	O-3	3/8/2012	540.00	<5.5	100	0.005	<7.01	<0.005	
O-4 *141201140-0004*	O-4	3/8/2012	540.00	<5.5	100	0.005	<7.01	<0.005	
O-5 *141201140-0005*	O-5	3/8/2012	540.00	<5.5	100	0.005	<7.01	<0.005	
B-1 *141201140-0006*	B-1	3/8/2012		<5.5	100		<7.01		Field Blank
B-2 *141201140-0007*	B-2	3/8/2012		<5.5	100		<7.01		Field Blank

The results reported have been blank corrected as applicable.

nitial report from 03/10/2012 09:35:25

Analyst(s)
Linda K. Ward (7)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.31, 21-50 fibers = 0.30, 51-100 fibers = 0.25. Inter-laboratory SR values (Average of EMSL round robin data) = 0.29. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Samples received in good condition unless otherwise noted.
Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11606

THIS IS THE LAST PAGE OF THE REPORT.

CHAIN OF CUSTODY

141201157

ACTION ENVIRONMENTAL SERVICES INC.
1790 CLINTON STREET • BUFFALO, NY 14206
PHONE: (716) 818-1212 • FAX: (716) 677-8813

Benchmark Environmental
CLIENT NAME

CLIENT ADDRESS Line 1

CLIENT ADDRESS Line 2

BPA Lime Bldg, Controlled Demolition - (FINALS)
PROJECT NAME

Dunkirk Specialty Steel, 830 Brigham Road, Dunkirk, NY 14048
PROJECT ADDRESS

PROJECT CONTACT PHONE CELL

LAB RESULTS TO TW PHONE FAX

TYPE: ASBESTOS X - PCM LEAD INDUSTRIAL HYGIENE (ANALYZE)

PROJECT SIZE/TYPE ➤ ○ MINOR ○ SMALL ◉ LARGE OTHER
SAMPLE TYPE ➤ ○ BACKGROUND IB ○ PREP IIA ○ HANDLING IIB ⊗ CLEARANCE IIC
TURN AROUND TIME ➤ ○ 48 HR ○ 24 HR ⊗ RUSH THREE(3) HR RUSH !

SAMPLE NUMBER	I-1	I-2	I-3	I-4	I-5	O-6	O-7	O-8	O-9	O-10	B-1	B-2
LABORATORY ID												
SAMPLE LOCATION	I-1	I-2	I-3	I-4	I-5	O-6	O-7	O-8	O-9	O-10	B-1	B-2
ROTOMETER NUMBER	3L	3L	3L	3L	3L	3L	3L	3L	3L	3L		
STARTING FLOW RATE	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5		
ENDING FLOW RATE	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5		
AVE. FLOW RATE (L/MIN)	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5		
START TIME	0540	0541	0542	0543	0544	0545	0546	0547	0548	0549		
STOP TIME	0840	0841	0842	0843	0844	0845	0846	0847	0848	0849		
DURATION (MIN)	180	180	180	180	180	180	180	180	180	180		
SAMPLE VOLUME (LITERS)	630	630	630	630	630	630	630	630	630	630		
FIBERS / FIELDS												
FIBERS / cc												

COMMENTS:
Please contact Steve @ 603.8101 w/ final results.
(THREE(3) HR TURN)

SAMPLED BY STEVEN J KLEIN DATE SAMPLED 3/9/12
TRANSPORTED FROM SITE TO EMSL TRANSPORTED BY / DATE MK 3/9/12
RECEIVED BY DO 3/9/12 9:48 am ANALYZED BY
CASSETTE LOT # SCOPE #

EMSL Analytical, Inc.
490 Rowley Road, Depew, NY 14043
Phone: (716) 651-0030 Fax: (716) 651-0394 Email: buffalolab@emsl.com

Attn: **Steven J. Klein**
AAction Environmental Services, Inc.
1790 Clinton Street

Buffalo, NY 14206

Fax: Phone: (716) 818-1212

Project: **BPA Lime Bldg. Controlled Demolition (Finals) Clearance IIC**

Customer ID: KZIE77
Customer PO:
Received: 03/09/12 9:48 AM
EMSL Order: 141201157

EMSL Proj:
Analysis Date: 3/9/2012

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
I-1	I-1	3/9/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141201157-0001									
I-2	I-2	3/9/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141201157-0002									
I-3	I-3	3/9/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141201157-0003									
I-4	I-4	3/9/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141201157-0004									
I-5	I-5	3/9/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141201157-0005									
O-6	O-6	3/9/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141201157-0006									
O-7	O-7	3/9/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141201157-0007									
O-8	O-8	3/9/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141201157-0008									
O-9	O-9	3/9/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141201157-0009									
O-10	O-10	3/9/2012	630.00	<5.5	100	0.004	<7.01	<0.004	
141201157-0010									

Initial report from 03/09/2012 11:48:10

Analyst(s)
Taron Williams (12)

Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.31, 21-50 fibers = 0.30, 51-100 fibers = 0.25. Inter-laboratory SR values (Average of EMSL round robin data) = 0.29. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11606

EMSL Analytical, Inc.
490 Rowley Road, Depew, NY 14043
Phone: (716) 651-0030 Fax: (716) 651-0394 Email: buffalolab@emsl.com

Attn: **Steven J. Klein**
AAction Environmental Services, Inc.
1790 Clinton Street

Buffalo, NY 14206

Fax: Phone: (716) 818-1212

Project: **BPA Lime Bldg. Controlled Demolition (Finals) Clearance IIC**

Customer ID: KZIE77
Customer PO:
Received: 03/09/12 9:48 AM
EMSL Order: 141201157

EMSL Proj:
Analysis Date: 3/9/2012

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	*Location*	*Sample Date*	*Volume (liters)*	*Fibers*	*Fields*	*LOD (fib/cc)*	*Fibers/ mm²*	*Fibers/ cc*	*Notes*
B-1	B-1	3/9/2012		<5.5	100		<7.01		Field Blank
141201157-0011									
B-2	B-2	3/9/2012		<5.5	100		<7.01		Field Blank
141201157-0012									

The results reported have been blank corrected as applicable.

Initial report from 03/09/2012 11:48:10

Analyst(s)
Taron Williams (12)

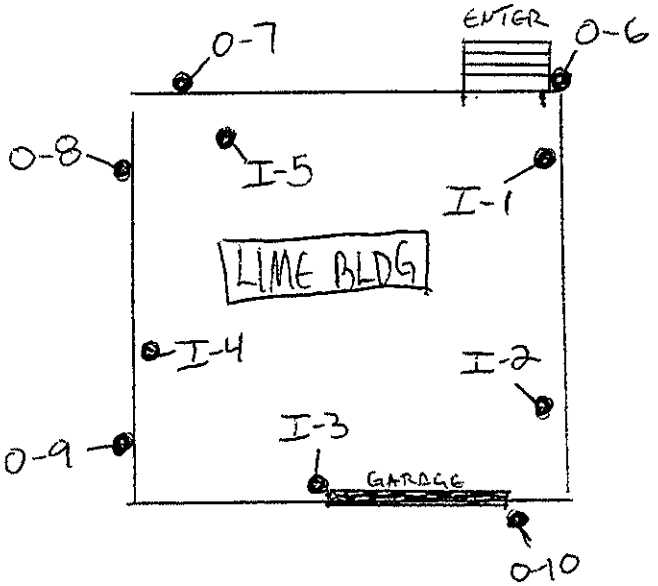
Rhonda McGee

Rhonda McGee, Laboratory Manager
or other approved signatory

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.31, 21-50 fibers = 0.30, 51-100 fibers = 0.25. Inter-laboratory SR values (Average of EMSL round robin data) = 0.29. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Samples received in good condition unless otherwise noted.
Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11606

THIS IS THE LAST PAGE OF THE REPORT.

MAP #1



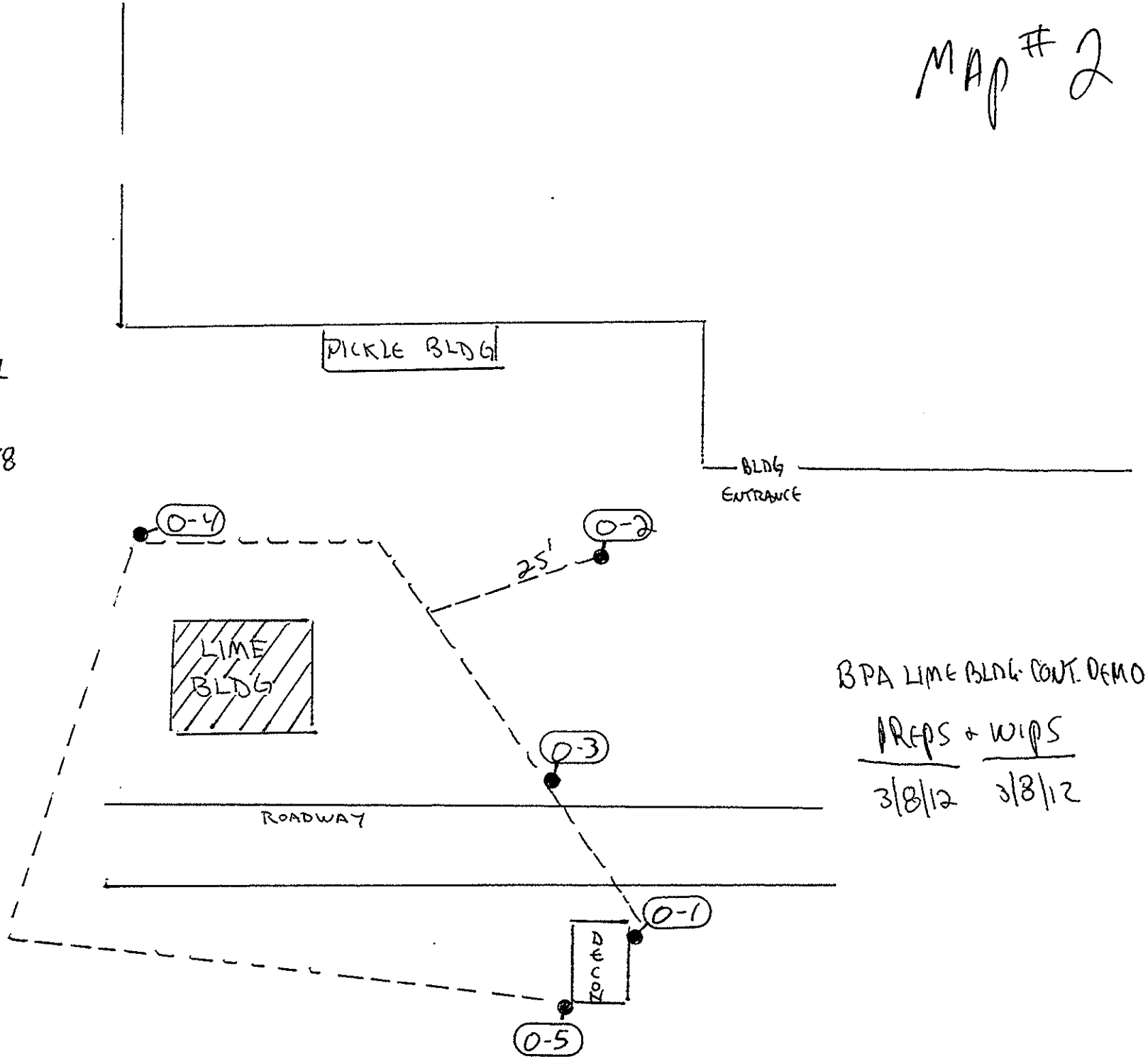
DUNKIRK SPECIALTY STEEL
830 BRIGHAM RD
DUNKIRK, NY 14048

BDA LIME BUILDING - CONTROLLED DEMO

BACKS	FINALS
2/20/12	3/9/12

MAP # 2

DUNKIRK SPECIALTY STEEL
830 BRIGHAM RD
DUNKIRK, NY 14048



BPA LIME BLDG. CONT. DEMO

IREPS	WIPS
3/8/12	3/8/12

APPENDIX B

PHOTO LOG

CONSTRUCTION PROGRESS PHOTOGRAPHS

Photo 1:

Photo 2:

Photo 3:

Photo 4:

Photo 1: Start of Demolition on south side pickle room of building.

Photo 2: South wall of pickle room being demolished.

Photo 3: Demolition and torch cutting steel supports to separate pickle room area from main plant.

Photo 4: Demolition of upper level pickle room and roof structure exhaust piping.

AL-Tech Brigham Road Realco Site **Demolition Pickle Room Buildings** **Dunkirk, New York** **Date: February-June, 2012**	BENCHMARK Environmental Engineering & Science, PLLC

CONSTRUCTION PROGRESS PHOTOGRAPHS

Photo 5:

Photo 6:

Photo 7:

Photo 8:

Photo 5: Pickle room east building wall still in place prior to it being demolished.

Photo 6: Structural steel separated out prior to being taken off site for salvage.

Photo 7: Pickle room north floor pit with kolene residue prior to being stabilized.

Photo 8: Quenching pit prior to stabilizing and segregating debris.

AL-Tech Brigham Road Realco Site
Demolition Pickle Room Buildings
Dunkirk, New York
Date: February-June, 2012

BENCHMARK Environmental Engineering & Science, PLLC

CONSTRUCTION PROGRESS PHOTOGRAPHS

Photo 9:

Photo 10:

Photo 11:

Photo 12:

Photo 9: Pumping and filtering standing water in floor pits, prior to sending to on-site treatment plant.

Photo 10: Tractor trailer delivering wood chips/sawdust for stabilizing impacted water in pits.

Photo 11: Stabilization of floor pits prior to disposing off-site to regulated landfill.

Photo 12: Loading stabilized materials into roll-off prior to disposal.

AL-Tech Brigham Road Realco Site **Demolition Pickle Room Buildings** **Dunkirk, New York** **Date: February-June, 2012**	BENCHMARK Environmental Engineering & Science, PLLC

CONSTRUCTION PROGRESS PHOTOGRAPHS

Photo 13:

Photo 14:

Photo 15:

Photo 16:

Photo 13: Pickle room north pit with majority of stabilized material removed.

Photo 14: Quenching pit material being loaded into roll-offs and disposed to off-site regulated landfill

Photo 15: Southern pit materials being segregated out for off-site disposal.

Photo 16: Quenching pit area after impacted material removal and cleanup.

AL-Tech Brigham Road Realco Site **Demolition Pickle Room Buildings** **Dunkirk, New York** **Date: February-June, 2012**	BENCHMARK Environmental Engineering & Science, PLLC

CONSTRUCTION PROGRESS PHOTOGRAPHS

Photo 17:

Photo 18:

Photo 19:

Photo 20:

Photo 17: Kolene residue on inside pickle room east wall, prior to wall being removed..

Photo 18: Partial backfill of pickle room floor pits with clean building brick in lower areas.

Photo 19: Looking west at east wall (exterior wall) to remain with floor pit partial backfill in near view.

Photo 20: Looking north at se corner building to remain, prior to reinforcing and metal flashing applied.

AL-Tech Brigham Road Realco Site **Demolition Pickle Room Buildings** **Dunkirk, New York** **Date: February-June, 2012**	BENCHMARK Environmental Engineering & Science, PLLC

CONSTRUCTION PROGRESS PHOTOGRAPHS

Photo 21:

Photo 22:

Photo 23:

Photo 24:

Photo 21: Below grade foundation of lime mixing structure demolished.

Photo 22: Outside wastewater pump pit structure used for discharging water to on-site treatment, prior to being demolished.

Photo 23: Looking north toward partially backfilled pits and “new” south exterior brick wall.

Photo 24: Pumping out water from wastewater pit into force main, where conveyed to on-site treatment plant.

AL-Tech Brigham Road Realco Site
Demolition Pickle Room Buildings
Dunkirk, New York
Date: February-June, 2012

BENCHMARK
Environmental
Engineering &
Science, PLLC

CONSTRUCTION PROGRESS PHOTOGRAPHS

Photo 25:

Photo 26:

Photo 27:

Photo 28:

Photo 25: Solidifying the south side below grade lime structure pit slurry with dry cement mix.

Photo 26: Grading the demolition footprint with approved import soil material.

Photo 27: Fine grading the southeast corner site prior to seeding and blocking in existing wall openings.

Photo 28: Fine grading the southeast corner site prior to seeding.

AL-Tech Brigham Road Realco Site **Demolition Pickle Room Buildings** **Dunkirk, New York** **Date: February-June, 2012**	BENCHMARK Environmental Engineering & Science, PLLC

CONSTRUCTION PROGRESS PHOTOGRAPHS

Photo 29:

Photo 30:

Photo 31:

Photo 32:

Photo 29: Applying MRC agent sealer to outside of south brick wall.

Photo 30: MRC and asphalt coating applied on the inside plant south wall.

Photo 31: Applying asphalt mastic coating along bottom of south outside wall.

Photo 32: South exterior wall with MRC agent and asphalt coatings applied.

AL-Tech Brigham Road Realco Site
Demolition Pickle Room Buildings
Dunkirk, New York
Date: February-June, 2012

BENCHMARK
Environmental
Engineering &
Science, PLLC

CONSTRUCTION PROGRESS PHOTOGRAPHS

Photo 33:

Photo 34:

Photo 35:

Photo 36:

Photo 33: Closing up the exterior east wall openings with concrete block.

Photo 34: Southeast corner site post demolition work with vegetative growth started.

Photo 35: Closed up wall openings with concrete block, prior to final grading along walls.

Photo 36: Hay bales in-place around the catch basin located in the silt/gravel access area near site lift station, for erosion and silt protection.

AL-Tech Brigham Road Realco Site **Demolition Pickle Room Buildings** **Dunkirk, New York** **Date: February-June, 2012**	BENCHMARK Environmental Engineering & Science, PLLC

CONSTRUCTION PROGRESS PHOTOGRAPHS

Photo 37:

Photo 38:

Photo 39:

Photo 40:

Photo 37: Fine grading along exterior building walls after concrete block and coatings completed.

Photo 38: Sheet metal drip edge installed along south side roof line where separation of buildings occurred.

Photo 39: Sheet metal flashing completed at the southeast corner building.

Photo 40: Sheet metal flashing completed on the far inside southeast corner building.

AL-Tech Brigham Road Realco Site **Demolition Pickle Room Buildings** **Dunkirk, New York** **Date: February-June, 2012**	BENCHMARK Environmental Engineering & Science, PLLC

APPENDIX C

APPROVED WASTE PROFILES

WASTE MANAGEMENT

Friable Asbestos Containing Materials Non-Hazardous Waste Express Profiles

Requested Disposal Facility: Chaffee Landfill Profile Number: 108570NY

☐ Renewal for Profile Number: _____ Waste Approval Expiration Date: _____

☐ Check here if there are multiple generating locations for this waste. Attach additional locations.

A. Waste Generator Facility Information (must reflect location of waste generation/origin)

1. Generator Name: REALCO (former Al-Tech Specialy Steel Site)
2. Site Address: Brigham & Willowbrook Roads
3. City/ZIP: Dunkirk, 14048
4. State: NY
5. County: CHAUTAUQUA
6. Contact Name/Title: SEAN REED
7. Email Address: SREED@TITANWRECKING.COM
8. Phone: 716-692-2000 X105 9. FAX: 716-693-2650
10. NAICS Code: _____
11. Generator USEPA ID #: NYR000086603
12. State ID# (if applicable): _____

B. Customer Information ☐ same as above

P. O. Number: _____

1. Customer Name: Titan Wrecking & Environmental, LLC
2. Billing Address: PO Box 646
3. City, State and ZIP: Tonawanda, NY, 14151
4. Contact Name: Sean Reed
5. Contact Email: sreed@titanwrecking.com
6. Phone: 716-692-2000 FAX: 692-693-2650
7. Transporter Name: _____
8. Transporter ID # (if appl.): _____
9. Transporter Address: _____
10. City, State and ZIP: _____

C. Waste Stream Information

1. DESCRIPTION

a. Common Waste Name: Friable Asbestos containing material (uncontaminated)

State Waste Code(s): _____

b. Describe Process Generating Waste or Source of Contamination:

Removal of regulated, friable asbestos containing materials from demolition/dismantling or remediation activities. Does not include clean-up wastes, such as soil, that are contaminated with asbestos.

c. Typical Color(s): Any and all

d. Strong Odor? ☐ Yes ☑ No Describe: _____

e. Physical State at 70°F: ☑ Solid ☐ Liquid ☐ Powder ☐ Semi-Solid or Sludge ☐ Other: _____

f. Layers? ☐ Single layer ☐ Multi- layer ☑ NA

g. Water Reactive? ☐ Yes ☑ No If Yes, Describe: _____

h. Free Liquid Range (%): _____ to _____ ☑ NA(solid)

i. pH Range: _____ to _____ ☑ NA(solid)

j. Liquid Flash Point: ☐ < 140°F ☐ 140°- 199°F ☐ ≥ 200°F ☑ NA(solid)

k. Flammable Solid: ☐ Yes ☑ No

l. Physical Constituents: List all constituents of waste stream - (e.g. Soil 0-80%, Wood 0-20%): ☐ (See Attached)

Constituents (Total Composition Must be ≥ 100%)	Lower Range	Unit of Measure	Upper Range	Unit of Measure
1. Demolition debris, asbestos	100	%	100	%
2.				
3.				
4.				
5.				
6.				

2. ESTIMATED QUANTITY OF WASTE AND SHIPPING INFORMATION

a. ☑ One Time Event ☐ Base ☐ Repeat Event

b. Estimated Annual Quantity: 1500 ☐ Tons ☑ Cubic Yards ☐ Drums ☐ Gallons ☐ Other (specify): _____

c. Shipping Frequency: _____ Units per ☐ Month ☐ Quarter ☐ Year ☐ One Time ☐ Other

d. Is this a U.S. Department of Transportation (USDOT) Hazardous Material? (If yes, answer e.) ☑ Yes ☐ No

e. USDOT Shipping Description (if applicable): RQ Asbestos, Class 9, NA2212, PGIII

3. SAFETY REQUIREMENTS (Handling, PPE, etc.): Respirator - air purifying with HEPA cartridge as required by landfill policy.

D. Regulatory Status (Please check appropriate responses)

1. Waste Identification:
   a. Does the waste meet the definition of a USEPA listed or characteristic hazardous waste as defined by 40 CFR Part 261? ☐ Yes ☑ No
      1. If yes, please complete a hazardous waste profile.
   b. Does the waste meet the definition of a state hazardous waste other than identified in D.1.a? ☐ Yes ☑ No
      1. If yes, please complete a hazardous waste profile.
2. Is this waste included in one or more of categories below (Check all that apply)? If yes, attach supporting documentation. ☐ Yes ☑ No
   ☐ Delisted Hazardous Waste ☐ Excluded Wastes Under 40CFR 261.4
   ☐ Treated Hazardous Waste Debris ☐ Treated Characteristic Hazardous Waste
3. Is the waste from a Federal (40 CFR 300, Appendix B) or state mandated clean-up? If yes, see instructions. ☐ Yes ☑ No
4. Does the waste represented by this waste profile sheet contain radioactive material? ☐ Yes ☑ No
   a. If yes, is disposal regulated by the Nuclear Regulatory Commission? ☐ Yes ☐ No
   b. If yes, is disposal regulated by a State Agency for radioactive waste/NORM? ☐ Yes ☐ No
5. Does the waste represented by this waste profile sheet contain Polychlorinated Biphenyls (PCBs)? ☐ Yes ☑ No
   (If yes, list in Chemical Composition - C.1.i)
   a. If yes, are the PCBs regulated by 40 CFR 761? ☐ Yes ☐ No
   b. If yes, is it remediation waste from a project being performed under the Self-Implementing option provided in 40 CFR 761.61(a)? ☐ Yes ☐ No
   c. If yes, were the PCBs imported into the US? ☐ Yes ☐ No
6. Does the waste contain untreated, regulated medical or infectious waste? ☐ Yes ☑ No
7. Does the waste contain asbestos? ☑ Yes ☐ No
   a. If Yes, ☑ Friable ☐ Non Friable
8. Is this profile for remediation waste from a facility that is a major source of Hazardous Air Pollutants (Site Remediation NESHAP, 40 CFR 63 subpart GGGGG)? ☐ Yes ☑ No
   a. If yes, does the waste contain <500 ppmw VOHAPs at the point of determination? ☐ Yes ☐ No

E. Generator Certification (Please read and certify by signature below)

By signing this Generator's Waste Profile Sheet, I hereby certify that all:

1. Information submitted in this profile and all attached documents contain true and accurate descriptions of the waste material;
2. Relevant information within the possession of the Generator regarding known or suspected hazards pertaining to this waste has been disclosed to WM/the Contractor;
3. Analytical data attached pertaining to the profiled waste was derived from testing a representative sample in accordance with 40 CFR 261.20(c) or equivalent rules; and
4. Changes that occur in the character of the waste (i.e. changes in the process or new analytical) will be identified by the Generator and disclosed to WM (and the Contractor if applicable) prior to providing the waste to WM (and the contractor if applicable).
5. Check all that apply:
   ☐ a. Attached analytical pertains to the waste. Identify laboratory & sample ID #'s and parameters tested: _____ # Pages: _____
   ☐ b. Only the analysis identified on the attachment pertain to the waste (identify by laboratory & sample ID #'s and parameters tested). Attachment #: _____
   ☐ c. Additional information necessary to characterize the profiled waste has been attached (other then analytical, such as MSDS). Indicate the number of attached pages: _____
   ☐ d. I am an agent signing on behalf of the Generator, and the delegation of authority to me from the Generator for this signature is available upon request.

Certification Signature: Thomas Fobes (as Agent for Realco) Title: Agent for Realco, Inc (Generator)

Company Name: Benchmark Environmental Engineering Name (Print): Thomas Fobes

Date: 2-24-12

WASTE MANAGEMENT

Profile Addendum: State of New York
WASTE SHIPMENT RECORD

F. Additional Waste Stream Information

GENERATOR

1. Work site name: _____

Work Site Address: _____ City/State: _____ Zip: _____

Owner's Name: _____ Owner's Telephone: ( ) _____

2. Operator's name: _____ Operator's Telephone: ( ) _____

Operator's Address: _____ City/State: _____ Zip: _____

3. Waste Disposal Site (WDS): _____ WDS Telephone: ( ) _____

Address: _____ City/State: _____ Zip: _____

Physical Site Location: _____ Additional Info: _____

4. Agency Responsible: _____

Agency Address: _____ City/State: _____ Zip: _____

Owner's Name: _____ Owner's Telephone: ( ) _____

5. Description of Materials:	6. Number & Type of Containers:	7. Total Quantity (m^3 or yd^3):
_____	_____	_____
_____	_____	_____

9. Special handling instructions and additional information:

_____

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by prope shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Signature: _____ Print Name: _____ Date: _____

TRANSPORTER (Acknowledgment of receipt of materials)

10. Transporter 1 Name: _____ Operator's Telephone: ( ) _____

Operator's Address: _____ City/State: _____ Zip: _____

Signature: _____ Date: _____ Title: _____

11. Transporter #2 Name: _____ Operator's Telephone: ( ) _____

Operator's Address: _____ City/State: _____ Zip: _____

Signature: _____ Date: _____ Title: _____

DISPOSAL SITE

12. Discrepancy indication space: _____

Certification of receipt of asbestos materials covered by this manifest except as noted in the discrepancy indication space above.

Grid Coordinates: East _____ North _____ El _____

Name/Title: _____ Signature: _____ Date: _____

State of New York
Asbestos Manifest Policy Western New York Landfills

F. Additional Waste Stream Information

It shall be the policy of this site to reject all loads of friable asbestos material that have improperly completed manifests. Manifests for asbestos are properly referred to as Waste Shipment Records.

All Waste Shipment Records (WSR) are required to have the following information:

- Work Site Name; Generator (Owner) Name & Address; Emergency Phone Number;
- Operators (contractor) name & address &phone
- Waste Disposal Facility Name and Site Address; Disposal's Facility's Phone Number;
- Responsible Agency address
- Waste Shipping Name and Description; DOT Shipping Information for friable asbestos must read – **Asbestos, 9, NA2212, III, RQ;**
- Number and Type of Containers;
- Total Quantity and Volume in **cubic yards;**
- Operator Certification must be signed and dated
- Transporter Name; Transporter Phone Number; Transporter Signature; Date

All information cited above must be on a Waste Shipment Record. All WSRs associated with milk run shipments must be reviewed prior to offloading. Material containing **non-friable asbestos must not be manifested** as friable material or else such material will be handled as friable materials and all appropriate charges will apply.

Should any information be missing or incorrect, it will be the responsibility of the generator/owner to provide updated and correct information before the materials are accepted. This may be done via facsimile or hand delivered. The scale clerk will contact the appropriate customer service or sales representative to communicate that the paperwork is incorrect and that the load will be rejected unless the generator provides corrected documents. Third party transporters may be contacted directly by the scale clerk in the attempt to correct the paperwork. Landfill personnel will not correct or alter any manifest, in any way, so that the manifest will conform to regulatory requirement. Once the paperwork is corrected and acceptable the load may be off-loaded.

CWM Chemical Services, LLC
1550 Balmer Road
PO BOX 200
Model City, NY 14107
(716) 286-1550
(866) 723-5732 Fax

WASTE MANAGEMENT

Date: 02-24-12

Profile Number: NY303426
Generator: REALCO
Name of Waste: K062 Brick

Re: Profile Submittal

Dear Sean:

Thank you for submitting the Waste Profile referenced above. In accordance with the New York State regulation 6 NYCRR Part 373-2.2(d)(2), Part 372.2(b)(2) and Federal regulation 40 CFR 264.12(b), the Model City Facility is notifying you that it has the appropriate permits and is authorized for this type of waste. Following the completion of the profile review process, CWM will be issuing a confirmation letter, which includes a description of the waste management method and the conditions of the waste approval. When you schedule a shipment into the Model City Facility, you will be confirming that CWM will accept your waste shipment.

CWM appreciates this opportunity for providing you with world class waste management service.

CONFIRMATION LETTER

March 1, 2012

Sean Reed
TITAN WRECKING & ENVIRONMENTAL
PO BOX 646
TONAWANDA, NY 14151

Re: Confirmation Number 5643183

Attention: Sean Reed

We are pleased to confirm CWM's approval of your waste material as described below. The attached profile for the waste materials was prepared by CWM based upon information provided by you. It is important that no changes be made to the profile without CWM's consent. If the profile meets with your approval, please call 1-716-286-1550 to schedule shipment of your waste materials.

CWM Profile Number:	NY303426 MDC
Approved Mgmt. Facility:	CWM MODEL CITY FACILITY or another CWM or CWM approved facility
Waste Name:	K062 BRICK
Disposal Method:	Debris Management and TSCA Landfill.
Disposal Price:	- $150.00 per ton with a 10 ton minimum per load
Taxes:	Sales Tax = 8.0 % of Transportation, Disposal, and all Fees Town Tax @ 6.0 % of Disposal
Transportation Price:	- $525.00 per trip + 42.0 % Fuel Surcharge - Varies Weekly - $475.00 per spot per can + 42.0 % Fuel Surcharge - Varies Weekly - Rental @ $15.00 per day per roll off
Demurrage:	- $85.00 per hour after two free hours of loading
Pricing Conditions:	- Miscellaneous Charges -Incidental Liquid in Bulk Solid Loads= $800.00 per load -Leaking Bulk Loads= $200.00 per load - Environmental Fee @ 3.0 % of Disposal

March 1, 2012

Re: Confirmation Number 5643183, CWMI Profile Number NY303426 MDC

Profile Expiration Date: 2/24/13

Special Conditions:

- An Asbestos Waste Shipment Record (WSR) will be required for each load of this waste stream.
- Regulated asbestos Containing Materials must be wetted and sealed in leak tight containers or wrapping.
- Waste profile sheet numbers must appear on manifests
- No demurrage will be paid by CWM Chem. Services Inc. for delays at Model City for on-site acceptance procedures when generator/customer arranges their own transportation.
- Wastestream must meet the definition of debris defined by 40 CFR 268.2(g).
- Special Land Disposal Notification and Certification Form must be properly executed and accompany first shipment of this waste with debris standards in 268.45 referenced. If EPA codes change, profile modification and new LDR form required.
- CWM Chemical Servies, L.L.C. (CWM) has all the necessary permits and licenses and is authorized for the management of the waste that has been characterized and identified by this profile.
- PCB waste must be manifested in accordance with 40 CFR 761.207.

Applicable state and local taxes are not included in these disposal prices. All wastes are priced as profiled, invoiced as actually received. Invoices shall be paid no later than thirty (30) days from the date of receipt. All terms are governed by the Agreement previously executed between our companies. The prices quoted above are subject to change by CWM upon thirty (30) days' prior written notice to you unless otherwise specifically provided or per the terms of our Agreement. If we have not previously concluded a Service Agreement with your company, one is enclosed for your convenience. Please sign and return it to us as soon as possible. Also, if 'Signature on File' does not appear on the signature line of the Waste Profile Sheet, please sign and return it before scheduling your material.

March 1, 2012

Re: Confirmation Number 5643183, CWMI Profile Number NY303426 MDC

If you have any questions or would like to make changes to the profile, please contact your representative. Thank you for this opportunity to be of service.

David Porter

Chemical Waste Management, Inc

Sean Reed

TITAN WRECKING & ENVIRONMENTAL

Date Printed: 03/01/12 Chemical Waste Management, Inc. Profile #

GENERATOR'S WASTE PROFILE SHEET MDC NY303426

(_) Check here if this is a Recertification LOCATION OF ORIGINAL CWM MODEL CITY FACILITY

A/B WASTE GENERATOR AND CUSTOMER INFORMATION

1. Generator Name: REALCO INC Generator USEPA ID: NYR000086603
2. Generator Address: LUCAS AVE 1000 FT W OF CENTRAL Billing Address: (_) Same TITAN WRECKING & ENVIRONMENTAL
   PO BOX 646
   DUNKIRK NY 14048
3. Technical Contact/Phone:
4. Alternate Contact/Phone: Billing Contact/Phone:
   TONAWANDA NY 14151

C. WASTE STREAM INFORMATION

1a Process Generating Waste: BUILDING DEMOLITION - REMOVING BRICK FLOORING WITH RESIDUAL CONTAMINATION
1b Waste Name: K062 BRICK
1c Color : varies
1d Strong Odor: (_) describe:
1e Physical State @ 70F: Solid(X) Liquid(_) Both(_) Gas(_) If Single Layer ( ) Multilayer (_)
1g Free liq. range: ___ to ___% Gravity: _____ to _____ Viscosity: ___ BTU/lb: _____ to _____
1h pH: Range .0 or Not applicable (X)
1i Liquid Flash Point: < 73F (_) 73-99F (_) 100-139F (_) 140-199F (_) >= 200F (_) N.A. (X) Closed Cup (X) Open Cup (_)

2a Is this a USEPA hazardous waste (40 CFR Part 261)? Yes (X) No (_)
2a Identify ALL USEPA listed and characteristic waste code numbers (D,F,K,P,U): K062
State Waste Codes: B007
2b Do underlying hazardous constituents (UHCs) apply (40CFR268.48)?(N)
2d Is the waste predominantly debris subject to the Alternate Debris Standards(40 CFR268.45)? (Y)
2e Is the waste predominantly soil subject to the Alternate Soil Treatment Standards(40 CFR268.45)? (N)
2f Does the waste contain asbestos? (Y) If yes, is waste Friable(_) Non-Friable(_) or Both(X)
2g Waste contains benzene in concentrations _ _____ ppm. NESHAP?(_)
2h Is waste remediation from a major source of Haz Air Pollutants (Site Remediation NESHAP, 40CFR 63 subpart GGGGG)?(N)
If yes, does the waste contain <500 ppmw VOHAPs at the point of determination?(_)
2i Waste contains PCBs (< >) _ 66 ppm, regulated by 40 CFR 761?(Y)
Are PCBs regulated under SIRS Mega Rule (40 CFR 761.61(a)?(N)

2j CHEMICAL COMPOSITION: List ALL constituents (incl. halogenated organics) present in any concentration and forward analysis

Constituents	Range	Unit Description
DEBRIS	to	
BRICKS WITH KOLENE (SODIUM AND POTASSIUM HYDROXIDE HEAT TREAT SALTS)	90 to 100	%
SOIL INCIDENTAL TO BRICK	to	
CHROMIUM	0 to 10	%
PCBS	1.79 to 1.79	%
TOTAL COMPOSITION (MUST EQUAL OR EXCEED 100%):	66 to 66	MG/KG
	111.790000	

See attach2

2k Is the waste: Pyrophoric (_) Water-Reactive (_) Shock Sensitive (_) Oxidizer (_) Carcinogen (_) Infectious (_)
Other
2l Is waste Group 1 wastewater or residual under Hazardous Organic NESHAP?(_)
2m Does the waste contain radioactive material? (N) Regulated by NRC?(_) Is radioactive waste NORM?(_)
2n Is the waste a CERCLA (40 CFR 300, Appendx B) or state mandated cleanup?(N)

3a This is a Nonwastewater.
3e Physical Appearance: BRICK
3f If waste subject to the land ban & meets treatment standards, check here: (_) & supply analytical results where applicable.
3g Tracking Number: 5643183

D. DOT Information and Shipping Volume

D1 Anticipated Annual Volume: 500 Units: TONS Shipping Frequency: ONE TIME
D2 PACKAGING: Bulk Solid (X) Bulk Liquid (_) Drum (_) Type/Size: ROLLOFF Other

GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I authorize CWM to obtain a sample from any waste shipment for purposes of recertification.

Signature on original profile NY303426 (Signature) THOMAS FORBES AGENT FOR REALCO (Name and Title) 2/24/12 (Date)

Date Printed 03/01/12

Profile #
MDC NY303426

Identify ALL Characteristic and Listed USEPA hazardous waste numbers that apply (as defined by 40 CFR 261). For each waste number, identify the subcategory (as applicable, check none, or write in the description from 40 CFR 268.41, 268.42, and 268.43).

REF #	A. US EPA HAZARDOUS WASTE CODE(S)	B. SUBCATEGORY Enter the subcategory description. If not applicable, simply check none		C. APPLICABLE TREATMENT STANDARDS			D. HOW MUST THE WASTE BE MANAGED?
				PERFORMANCE-BASED: Check as applicable		SPECIFIED TECHNOLOGY: If applicable enter the 40 CFR 268.42 table 1 treatment code(s)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42	
1	K062		X	X			A
2							
3							
4							
5							
6							
7							
8							
9							
10							

Management under the land disposal restrictions:

A. RESTRICTED WASTE REQUIRES TREATMENT

A.1 RESTRICTED WASTE REQUIRES TREATMENT TO ALTERNATE SOIL STANDARDS

B.1 RESTRICTED WASTE TREATED TO 268.40 STANDARDS

B.3 GOOD FAITH ANALYTICAL CERTIFICATION FOR INCINERATED ORGANICS

B.4 DECHARACTERIZED WASTE REQUIRES TREATMENT FOR UHCS

B.5 RESTRICTED WASTES TREATED TO ALTERNATE SOIL STANDARD

B.6 RESTRICTED WASTES TREATED TO ALTERNATE DEBRIS STANDARD

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

E. NOT CURRENTLY SUBJECT TO LAND DISPOSAL RESTRICTIONS

Date Printed 03/01/12

Profile #
MDC NY303426

E. TRANSPORTATION INFORMATION

a. Is this a DOT Hazardous Material? Yes X No _

b. Proper Shipping Name. . . . . : RQ, HAZARDOUS WASTE, SOLID, N.O.S.

and Additional Description if required: (K062, PCBS)

c. DOT Regulations: North America Hazard Class: 9 Misc.Hazardous Mat'l I.D. NA3077 Packing Group: III
2nd Haz Cls :

c. CERCLA Reportable Quantity (RQ) and units (Lb, Kg): 1 Lb

e. Non-Bulk code 213 Bulk code 240

f. Special Provisions B54 IB8 IP2 T1 ___ +++ See DOT Regs for more info

g. Labels Required CLASS 9

F. SPECIAL HANDLING INFORMATION

_ Material Safety Data Sheets Attached

G. OTHER INFORMATION

H. CHEMICAL WASTE MANAGEMENT CERTIFICATION

Chemical Waste Management, Inc. has all the necessary permits and licenses for the waste that has been characterized and identified by this approved profile.

Date Printed 03/01/12

Profile #
MDC NY303426

ATTACHMENT 2

CHEMICAL COMPOSITION: Additional constituents NOT included on page 1 of the Waste Profile

Constituents	Range	Unit Description
ARSENIC	0.13 to 0.13	MG/L TC
LEAD	0.26 to 0.26	MG/L TC

3/01/12 LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM (PHASE IV) MDC-NY303426

Generator Name: REALCO INC Manifest Doc. No.: _____

Profile Number: NY303426 DEBRIS State Manifest No: _____

1. Is this waste a non-wastewater or wastewater? (See 40 CFR 268.2) Check ONE: Nonwastewater X Wastewater _
2. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subcategory, or check NONE if the waste code has no subcategory. Spent solvent treatment standards are listed on the following page. If F039, multi-source leachate applies, those constituents must be listed and attached by the generator. If D001-D043 requires treatment of the characteristic and meet 268.48 standards, then the underlying hazardous constituent(s) present in the waste must be listed and attached.

REF #	3. US EPA HAZARDOUS WASTE CODE(S)	4. SUBCATEGORY ENTER THE SUBCATEGORY DESCRIPTION. IF NOT APPLICABLE, SIMPLY CHECK NONE		5. HOW MUST THE WASTE BE MANAGED? ENTER LETTER FROM BELOW
		DESCRIPTION	NONE	
1	K062		X	A
2				
3				
4				

To identify F039 or D001-D043, underlying hazardous constituent(s), use the "F039/Underlying Hazardous Constituent Form" provided (CWM-2004) and check here:
If no UHCs are present in the waste upon its initial generation check here: X
To list additional USEPA waste code(s) and subcategorie(s), use the supplemental sheet provided (CWM-2005-D) and check here:
Disposal facility monitors for all UHCs check here _
If waste will be managed in a system regulated under the CWA, or a Class 1 injection well under the SDWA check here

HOW MUST THE WASTE BE MANAGED? In column 5 above, enter the letter (A, B1, B3, B4, B5, B6, C, D or E) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B3, B4, B5, B6, or D you are making the appropriate certification as provided below. (States authorized by EPA to manage the LDR program may have regulatory citations different from the 40 CFR citations listed below. Where these regulatory citations differ, your certification will be deemed to refer to those state citations instead of the 40 CFR citations.

A. RESTRICTED WASTE REQUIRES TREATMENT
This waste must be treated to the applicable treatment standards set forth in 40 CFR 268.40.

X For Hazardous Debris: "This hazardous debris is subject to the alternative treatment standards of 40 CFR 268.45."

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS
"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification. Based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the treatment standards specified in 40 CFR 268.40 without impermissible dilution of the prohibited waste. I am aware there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION FOR INCINERATED ORGANICS
"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification. Based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by combustion in units as specified in 268.42 Table 1. I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.4 DECHARACTERIZED WASTE REQUIRES TREATMENT FOR UNDERLYING HAZARDOUS CONSTITUENTS
"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 or 268.49, to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.6 RESTRICTED DEBRIS TREATED TO ALTERNATE PERFORMANCE STANDARDS
"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in 40 CFR 268.45 without impermissible dilution of the prohibited wastes. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE
This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 5 above.

__ For Hazardous Debris: "This hazardous debris is subject to the alternative treatment standards of 40 CFR Part 268.45."

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT
"I certify under penalty of law I have personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D. I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

E. WASTE IS NOT CURRENTLY SUBJECT TO PART 268 RESTRICTIONS
This waste is a newly identified waste that is not currently subject to any 40 CFR Part 268 restrictions.

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature _____ Title _____ Date _____

WASTE MANAGEMENT

Generator's Hazardous Waste Profile Sheet

Service Agreement on file? ☐ Yes ☐ No Profile Number NY303426

☐ Check here if there are multiple generating locations for this waste. Attach addition locations.

☑ Check here if a Certificate of Destruction or Disposal is required.

Requested Disposal Facility: Model City (Hazardous Waste Facility)

☐ Renewal for Profile Number: _____ Waste Approval Expiration Date: _____

A. Waste Generator Facility Information (must reflect location of waste generation/origin)

1. Generator Name: REALCO (former Al-Tech Specialy Steel
2. Site Address: LUCAS AVE 1000 FT W OF CENTRAL
3. City/ZIP: Dunkirk, 14048
4. State: NY
5. County: CHAUTAUQUA
6. Contact Name/Title: SEAN REED
7. Email Address: SREED@TITANWRECKING.COM
8. Phone: 716-692-2000 X105
9. FAX: 716-693-2650
10. NAICS Code: _____
11. Generator USEPA ID #: NYR000086603
12. State ID# (if applicable): _____

B. Customer Information ☐ same as above

P. O. Number: _____

1. Customer Name: Titan Wrecking & Environmental, LLC
2. Billing Address: PO Box 646
3. City, State and ZIP: Tonawanda, NY, 14151
4. Contact Name: Sean Reed
5. Contact Email: sreed@titanwrecking.com
6. Phone: 716-692-2000 FAX: 692-693-2650
7. Transporter Name: _____
8. Transporter ID # (if appl.): _____
9. Transporter Address: _____
10. City, State and ZIP: _____

C. Waste Stream Information

☑ USEPA Hazardous ☑ State Hazardous ☑ TSCA

1. Description
   a. Name of Waste: K062 BRICK
   b. Process Generating Waste: BUILDING DEMOLITION
   c. Color: VARIES
   d. Strong Odor (describe): _____
   e. Physical State at 70°F: ☑ Solid ☐ Liquid ☐ Gas ☐ Sludge ☐ Other: _____
   f. Layers? ☑ Single layer ☐ Multi- layer
   g. Free Liquid Range (%) 0 to _____ Specific Gravity: _____ Viscosity: _____ BTU/lb: _____
   h. pH Range: _____ to _____ ☑ NA (Solid)
   i. Liquid Flash Point: ☐ < 140°F ☐ 140°- 199°F ☐ ≥ 200°F ☑ NA(solid)

2. Is this a USEPA hazardous waste (40 CFR Part 261)? If the answer is no, skip to question f. ☑ Yes ☐ No
   a. If yes, identify ALL USEPA listed and characteristic waste code numbers (D,F,K,P,U).
   K062
   b. If a characteristic hazardous waste, do underlying hazardous constituents (UHCs) apply (40 CFR 268.48)? ☐ Yes ☑ No
   (if yes, list in Section C.2.j)
   c. Is the waste subject to RCRA Subpart CC Controls (40 CFR 264.1083 & 265.1084)? ☐ ? Click for Add'l Info ☐ Yes ☑ No
      1. If no, does the waste meet the organic LDR Exemption? ☑ Yes ☐ No
      2. If no, does the waste contain <500 ppm volatile organic (VOC's)? ☐ Yes ☐ No
      3. Volatile organic concentration _____ ppm.
   d. Is the waste predominately debris subject to the Alternate Debris Standards (40 CFR 268.45)? ☐ Yes ☑ No
   e. Is the waste predominately soil subject to the Alternate Soil Treatment Standards (40 CFR 268.49)? ☐ Yes ☑ No
      1. If yes, will Underlying Hazardous Constituents apply? (list in C.2.j) ☐ Yes ☐ No
   f. Does the waste represented by this profile contain asbestos? ☑ Yes ☐ No
      2. If yes: ☑ Friable ☐ Non-Friable
   g. Does the waste represented by this profile contain benzene? ☐ Yes ☑ No
      1. Is this subject to Benzene Operations Waste NESHAP (40 CFR Part 61 Subpart FF)? ☐ Yes ☐ No
      If yes, complete Benzene Waste Operations NESHAP (BWON) questionnaire.

WASTE MANAGEMENT

Generator's Hazardous Waste Profile Sheet

Profile Number NY303426

C. Waste Stream Information (continued)

h. Is this profile for remediation waste from a facility that is a major source of Hazardous Air Pollutants (Site Remediation NESHAP, 40 CFR 63 subpart GGGGG)? ☐ Yes ☑ No

1. If yes, does the waste contain <500 ppm VOHAPs at the point of determination? ☐ Yes ☐ No

i. Does the waste represented by this waste profile sheet contain Polychlorinated Biphenyls (PCBs)? ☑ Yes ☐ No
(If yes, list in Chemical Composition - C.2.j)

1. If yes, are the PCBs regulated by 40 CFR 761? ☑ Yes ☐ No
2. If yes, is it remediation waste from a project being performed under the Self-Implementing option provided in 40 CFR 761.61(a)? ☐ Yes ☑ No
3. If yes, were the PCBs imported into the US? ☐ Yes ☑ No

j. Chemical Composition (List all constituents [including halogenated organics, debris, and UHC's] present in any concentration and submit representative analysis): ☐ (See Attached - for entering additional constituents)

Constituents (Total Composition Must be ≥ 100%)	Lower Range	Unit of Measure	Upper Range	Unit of Measure
1. KOLENE IMPACTED BRICK	90	%	100	%
2. SOIL (INCIDENTAL TO BRICK)	0	%	10	%
3.				
4.				
5.				
6.				

k. Check any that apply: ☐ Pyrophoric ☐ Water Reactive ☐ OSHA Carcinogen ☐ Shock Sensitive ☐ Oxidizer ☐ Infectious

l. Is the waste subject to controls as a Group 1 wastewater or residual under the Hazardous Organic NESHAP? ☐ Yes ☑ No

1. If yes, is it a Table 8 _____ or Table 9 _____ compound?

m. Does the waste represented by this waste profile sheet contain radioactive material? ☐ Yes ☑ No

1. Is disposal regulated by the Nuclear Regulatory Commission? ☐ Yes ☐ No
2. If NORM, identify isotopes and concentration, _____ pCi/g.

n. Is the waste from a CERCLA (40 CFR 300, Appendix B) or state mandated clean-up? ☐ Yes ☑ No

1. If yes, attach Record of Decision (ROD), 104/106 or 122 order or court order that governs site clean-up for activity. For state mandated clean-up, provide relevant documentation.

o. Is this a State Hazardous Waste? ☑ Yes ☐ No

1. If yes, please list applicable codes: B007

If NY waste codes B001-B007 apply, please complete question C.2.c on page 1.

D. DOT Information and Shipping Volume

1. Quantity of Waste
   a. ☑ One Time Event ☐ Base ☐ Repeat Event
   b. Estimated Annual Quantity: 500 ☑ Tons ☐ Yards ☐ Drums ☐ Other (specify) _____
   c. Shipping Frequency: Units: _____ Per: ☐ Month ☐ Quarter ☐ Year ☑ One Time ☐ Other _____
2. Shipping Information
   a. Packaging:
      ☑ Roll off/End dump: _____ ☐ Other: _____
      ☐ Drum Type/Size: _____ ☐ Vacuum Box
      ☐ Tanker ☐ Super Sack ☐ Tote Bin ☐ Cubic Yard Boxes
   b. Is this a U.S. Department of Transportation (USDOT) Hazardous Material (If no, skip c, d and e)? ☑ Yes ☐ No
   c. Reportable Quantity (lbs.; kgs.): _____ d. Primary/Subsidiary Hazard Class(es)/ID#: _____
   e. USDOT Shipping Name: _____ PG: _____

E. Generator Certification (Please read and certify by signature below)

I hereby certify that all information submitted in this and all attached documents contain true and accurate descriptions of this wastestream. Any sample submitted is a representative as defined in 40 CFR 261 - Appendix 1 or by using an equivalent method. I authorize WMI to obtain a sample from any waste shipment for purposes of recertification. If this certification is made by a broker, the undersigned signs as authorized agent of the generator and has confirmed the information contained in this Profile Sheet from information provided by the generator and additional information as it has determined to be reasonably necessary. If approved for management, Contractor has all the necessary permits and licenses for the waste that has been characterized and identified by this approved profile. All revelant information within the possession of the Generator regarding known or suspected hazards pertaining to the waste will be disclosed to the contractor. All changes which occur in the character of the waste will be identified by the Generator and be disclosed to the Contractor prior to providing the waste to the Contractor.

Certification Signature: [signature] (as Agent for Reilco) Title: Agent for Reilco, Inc (Generator)

Company Name: Benchmark Environmental Engineering Name (Print): Thomas Forbes

Date: 2-24-12

HAZARDOUS WASTE PROFILE ADDENDUM

Profile Number: NY303426

F. Addendum to Waste Stream Information

1. If this is USEPA hazardous waste (40 CFR Part 261), identify ALL USEPA listed and characteristic waste code numbers (D, F, K, P, U):

2. Chemical Composition (List all constituents [including halogenated organics, debris, and UHC's] present in any concentration and submit representative analysis):

Constituents *(Total Composition Must be > 100%)*	Lower Range	Unit of Measure	Upper Range	Unit of Measure
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				

3. Is this a State Hazardous Waste? ☐ Yes ☐ No

If yes, please list applicable codes

Profile Amendment Request Form

TOM FORBES (Contact Name) hereby requests an amendment to WMI profile #: NY303426

to include the following:

Amendment Type: ☐ One Time Only Request (Event) ☑ Permanent Addition to Profile (Base)

☐ Additional Analytical/MSDS to be added to profile (see attached)

☐ Volume Increase (specify volume) _____ ☐ Tons ☐ Cubic Yards ☐ Drums ☐ Gallons ☐ Other (specify) _____

☐ Constituent(s) to be added and/or modify current range in chemical composition:

Chemicals or constituents to be added/modify	Low	High	Units
INCIDENTAL SOIL	10	49	%
BRICK	51	90	%

☐ Change current ranges on profile (specify below)

pH Range ____ to ____ Free Liquid Range ____ to ____

☐ Other (specify) _____

GENERATOR CERTIFICATION

By signing this form, the Generator hereby certifies:
The information provided in this document, the referenced Waste Management Generator's Waste Profile Sheet, and all other referenced documents contain true and accurate descriptions of the waste material. All information regarding known or suspected hazards in the possession of the Generator has been disclosed.

Generator/Customer Signature: Thomas Forbes as Agent for Reelco, Inc. Date: 3-2-12

Company Name: Benchmark Environmental Engineering & Science, PLLC

Name (Print): Thomas Forbes (as Agent for Reelco, Inc.) Title: Agent for Reelco, Inc.

FOR WASTE MANAGEMENT USE ONLY

Submitted By: _____ (W.M. Initials) Date: _____ Time: _____

WM Approval: _____ Date: _____

Agency Approval Required: ☐ Yes ☐ No

☐ Profile Extension

Original Expiration Date _____

Requested Extension _____

New Expiration Date _____

☐ Analytical Extension

Analytical Due Date _____

Requested Extension _____

New Analytical Due Date _____

Conditions/Precautions: _____

CWM Chemical Services, LLC
1550 Balmer Road
PO BOX 200
Model City, NY 14107
(716) 286-1550
(866) 723-5732 Fax

Date: 03-07-12

Profile Number: NY303450
Generator: REALCO
Name of Waste: K062 Sludge

Re: Profile Submittal

Dear Sean:

Thank you for submitting the Waste Profile referenced above. In accordance with the New York State regulation 6 NYCRR Part 373-2.2(d)(2), Part 372.2(b)(2) and Federal regulation 40 CFR 264.12(b), the Model City Facility is notifying you that it has the appropriate permits and is authorized for this type of waste. Following the completion of the profile review process, CWM will be issuing a confirmation letter, which includes a description of the waste management method and the conditions of the waste approval. When you schedule a shipment into the Model City Facility, you will be confirming that CWM will accept your waste shipment.

CWM appreciates this opportunity for providing you with world class waste management service.

WASTE MANAGEMENT

Generator's Hazardous Waste Profile Sheet

Service Agreement on file? ☐ Yes ☐ No Profile Number NY303450

☐ Check here if there are multiple generating locations for this waste. Attach addition locations.

☑ Check here if a Certificate of Destruction or Disposal is required.

Requested Disposal Facility: Model City (Hazardous Waste Facility)

☐ Renewal for Profile Number: _____ Waste Approval Expiration Date: _____

A. Waste Generator Facility Information (must reflect location of waste generation/origin)

1. Generator Name: REALCO (former Al-Tech Specialy Steel
2. Site Address: LUCAS AVE 1000 FT W OF CENTRAL
3. City/ZIP: Dunkirk, 14048
4. State: NY
5. County: CHAUTAUQUA
6. Contact Name/Title: SEAN REED
7. Email Address: SREED@TITANWRECKING.COM
8. Phone: 716-692-2000 X105
9. FAX: 716-693-2650
10. NAICS Code: _____
11. Generator USEPA ID #: NYR000086603
12. State ID# (if applicable): _____

B. Customer Information ☐ same as above

P. O. Number: _____

1. Customer Name: Titan Wrecking & Environmental, LLC
2. Billing Address: PO Box 646
3. City, State and ZIP: Tonawanda, NY, 14151
4. Contact Name: Sean Reed
5. Contact Email: sreed@titanwrecking.com
6. Phone: 716-692-2000 FAX: 692-693-2650
7. Transporter Name: _____
8. Transporter ID # (if appl.): _____
9. Transporter Address: _____
10. City, State and ZIP: _____

C. Waste Stream Information

☑ USEPA Hazardous ☑ State Hazardous ☑ TSCA

1. Description
   a. Name of Waste: K062 sludge
   b. Process Generating Waste: BUILDING DEMOLITION/pit cleanout
   c. Color: VARIES
   d. Strong Odor (describe): _____
   e. Physical State at 70°F: ☐ Solid ☐ Liquid ☐ Gas ☑ Sludge ☐ Other: _____
   f. Layers? ☑ Single layer ☐ Multi- layer
   g. Free Liquid Range (%) 0 to _____ Specific Gravity: _____ Viscosity: _____ BTU/lb: _____
   h. pH Range: _____ to _____ ☑ NA (Solid)
   i. Liquid Flash Point: ☐ < 140°F ☐ 140°- 199°F ☑ ≥ 200°F ☐ NA(solid)
2. Is this a USEPA hazardous waste (40 CFR Part 261)? If the answer is no, skip to question f. ☑ Yes ☐ No
   a. If yes, identify ALL USEPA listed and characteristic waste code numbers (D,F,K,P,U).
   K062
   b. If a characteristic hazardous waste, do underlying hazardous constituents (UHCs) apply (40 CFR 268.48)? ☐ Yes ☑ No
   (if yes, list in Section C.2.j)
   c. Is the waste subject to RCRA Subpart CC Controls (40 CFR 264.1083 & 265.1084)? ☐ ? Click for Add'l Info ☐ Yes ☑ No
      1. If no, does the waste meet the organic LDR Exemption? ☑ Yes ☐ No
      2. If no, does the waste contain <500 ppm volatile organic (VOC's)? ☐ Yes ☐ No
      3. Volatile organic concentration _____ ppm.
   d. Is the waste predominately debris subject to the Alternate Debris Standards (40 CFR 268.45)? ☐ Yes ☑ No
   e. Is the waste predominately soil subject to the Alternate Soil Treatment Standards (40 CFR 268.49)? ☐ Yes ☑ No
      1. If yes, will Underlying Hazardous Constituents apply? (list in C.2.j) ☐ Yes ☐ No
   f. Does the waste represented by this profile contain asbestos? ☑ Yes ☐ No
      2. If yes: ☑ Friable ☐ Non-Friable
   g. Does the waste represented by this profile contain benzene? ☐ Yes ☑ No
      1. Is this subject to Benzene Operations Waste NESHAP (40 CFR Part 61 Subpart FF)? ☐ Yes ☐ No
      If yes, complete Benzene Waste Operations NESHAP (BWON) questionnaire.

WASTE MANAGEMENT

Generator's Hazardous Waste Profile Sheet

Profile Number NY303450

C. Waste Stream Information (continued)

h. Is this profile for remediation waste from a facility that is a major source of Hazardous Air Pollutants (Site Remediation NESHAP, 40 CFR 63 subpart GGGGG)? ☐ Yes ☑ No

1. If yes, does the waste contain <500 ppm VOHAPs at the point of determination? ☐ Yes ☐ No

i. Does the waste represented by this waste profile sheet contain Polychlorinated Biphenyls (PCBs)? ☑ Yes ☐ No
(If yes, list in Chemical Composition - C.2.j)

1. If yes, are the PCBs regulated by 40 CFR 761? ☑ Yes ☐ No

2. If yes, is it remediation waste from a project being performed under the Self-Implementing option provided in 40 CFR 761.61(a)? ☐ Yes ☑ No

3. If yes, were the PCBs imported into the US? ☐ Yes ☑ No

j. Chemical Composition (List all constituents [including halogenated organics, debris, and UHC's] present in any concentration and submit representative analysis): ☐ (See Attached - for entering additional constituents)

Constituents (Total Composition Must be ≥ 100%)	Lower Range	Unit of Measure	Upper Range	Unit of Measure
1. Sludge	20	%	50	%
2. Brick/debris	50	%	75	%
3. PCB contamination	50	ppm	500	ppm
4. Lime (solidification)	0	%	10	%
5. Wood Chips	0	%	10	%
6.				

k. Check any that apply: ☐ Pyrophoric ☐ Water Reactive ☐ OSHA Carcinogen ☐ Shock Sensitive ☐ Oxidizer ☐ Infectious

l. Is the waste subject to controls as a Group 1 wastewater or residual under the Hazardous Organic NESHAP? ☐ Yes ☑ No

1. If yes, is it a Table 8 _____ or Table 9 _____ compound?

m. Does the waste represented by this waste profile sheet contain radioactive material? ☐ Yes ☑ No

1. Is disposal regulated by the Nuclear Regulatory Commission? ☐ Yes ☐ No

2. If NORM, identify isotopes and concentration, _____ pCi/g.

n. Is the waste from a CERCLA (40 CFR 300, Appendix B) or state mandated clean-up? ☐ Yes ☑ No

1. If yes, attach Record of Decision (ROD), 104/106 or 122 order or court order that governs site clean-up for activity. For state mandated clean-up, provide relevant documentation.

o. Is this a State Hazardous Waste? ☑ Yes ☐ No

1. If yes, please list applicable codes: B007

If NY waste codes B001-B007 apply, please complete question C.2.c on page 1.

D. DOT Information and Shipping Volume

1. Quantity of Waste

a. ☑ One Time Event ☐ Base ☐ Repeat Event

b. Estimated Annual Quantity: 250 ☑ Tons ☐ Yards ☐ Drums ☐ Other (specify) _____

c. Shipping Frequency: Units: _____ Per: ☐ Month ☐ Quarter ☐ Year ☑ One Time ☐ Other _____

2. Shipping Information

a. Packaging:

☑ Roll off/End dump: _____ ☐ Other: _____

☐ Drum Type/Size: _____ ☐ Vacuum Box

☐ Tanker ☐ Super Sack ☐ Tote Bin ☐ Cubic Yard Boxes

b. Is this a U.S. Department of Transportation (USDOT) Hazardous Material (If no, skip c, d and e)? ☑ Yes ☐ No

c. Reportable Quantity (lbs.; kgs.): _____ d. Primary/Subsidiary Hazard Class(es)/ID#: _____

e. USDOT Shipping Name: _____ PG: _____

E. Generator Certification (Please read and certify by signature below)

I hereby certify that all information submitted in this and all attached documents contain true and accurate descriptions of this wastestream. Any sample submitted is a representative as defined in 40 CFR 261 - Appendix 1 or by using an equivalent method. I authorize WMI to obtain a sample from any waste shipment for purposes of recertification. If this certification is made by a broker, the undersigned signs as authorized agent of the generator and has confirmed the information contained in this Profile Sheet from information provided by the generator and additional information as it has determined to be reasonably necessary. If approved for management, Contractor has all the necessary permits and licenses for the waste that has been characterized and identified by this approved profile. All revelant information within the possession of the Generator regarding known or suspected hazards pertaining to the waste will be disclosed to the contractor. All changes which occur in the character of the waste will be identified by the Generator and be disclosed to the Contractor prior to providing the waste to the Contractor.

Certification Signature: Thomas Forbes (as Agent for Realco Inc) Title: Agent for Realco Inc.

Company Name: Benchmark Environmental Engineering & Science Name (Print): Thomas Forbes

Date: March 7, 2012

HAZARDOUS WASTE PROFILE ADDENDUM

Profile Number: NY303450

F. Addendum to Waste Stream Information

1. If this is USEPA hazardous waste (40 CFR Part 261), identify ALL USEPA listed and characteristic waste code numbers (D, F, K, P, U):

2. Chemical Composition (List all constituents [including halogenated organics, debris, and UHC's] present in any concentration and submit representative analysis):

Constituents *(Total Composition Must be > 100%)*	Lower Range	Unit of Measure	Upper Range	Unit of Measure
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				

3. Is this a State Hazardous Waste? ☐ Yes ☐ No

If yes, please list applicable codes

WASTE MANAGEMENT

Generator's Hazardous Waste Profile Sheet

Service Agreement on file? ☐ Yes ☐ No Profile Number NY303471

☐ Check here if there are multiple generating locations for this waste. Attach addition locations.

☑ Check here if a Certificate of Destruction or Disposal is required.

Requested Disposal Facility: Model City (Hazardous Waste Facility)

☐ Renewal for Profile Number: _____ Waste Approval Expiration Date: _____

A. Waste Generator Facility Information (must reflect location of waste generation/origin)

1. Generator Name: REALCO (former Al-Tech Specialy Steel
2. Site Address: Brigham & Willowbrook Roads
3. City/ZIP: Dunkirk, 14048
4. State: NY
5. County: CHAUTAUQUA
6. Contact Name/Title: SEAN REED
7. Email Address: SREED@TITANWRECKING.COM
8. Phone: 716-692-2000 X105
9. FAX: 716-693-2650
10. NAICS Code: _____
11. Generator USEPA ID #: NYR000086603
12. State ID# (if applicable): _____

B. Customer Information ☐ same as above

P. O. Number: _____

1. Customer Name: Titan Wrecking & Environmental, LLC
2. Billing Address: PO Box 646
3. City, State and ZIP: Tonawanda, NY, 14151
4. Contact Name: Sean Reed
5. Contact Email: sreed@titanwrecking.com
6. Phone: 716-692-2000 FAX: 692-693-2650
7. Transporter Name: _____
8. Transporter ID # (if appl.): _____
9. Transporter Address: _____
10. City, State and ZIP: _____

C. Waste Stream Information

☐ USEPA Hazardous ☐ State Hazardous ☐ TSCA

1. Description
   a. Name of Waste: "mixing building pit" - Sludge/brick/debris
   b. Process Generating Waste: Site demolition
   c. Color: various
   d. Strong Odor (describe): _____
   e. Physical State at 70°F: ☑ Solid ☐ Liquid ☐ Gas ☐ Sludge ☐ Other: _____
   f. Layers? ☐ Single layer ☑ Multi-layer
   g. Free Liquid Range (%) 0 to _____ Specific Gravity: _____ Viscosity: _____ BTU/lb: _____
   h. pH Range: _____ to _____ ☑ NA (Solid)
   i. Liquid Flash Point: ☐ < 140°F ☐ 140°- 199°F ☐ ≥ 200°F ☑ NA(solid)
2. Is this a USEPA hazardous waste (40 CFR Part 261)? If the answer is no, skip to question f. ☐ Yes ☑ No
   a. If yes, identify ALL USEPA listed and characteristic waste code numbers (D,F,K,P,U).
   b. If a characteristic hazardous waste, do underlying hazardous constituents (UHCs) apply (40 CFR 268.48)? ☐ Yes ☐ No (if yes, list in Section C.2.j)
   c. Is the waste subject to RCRA Subpart CC Controls (40 CFR 264.1083 & 265.1084)? ☐ ? Click for Add'l Info ☐ Yes ☑ No
      1. If no, does the waste meet the organic LDR Exemption? ☑ Yes ☐ No
      2. If no, does the waste contain <500 ppm volatile organic (VOC's)? ☑ Yes ☐ No
      3. Volatile organic concentration _____ ppm.
   d. Is the waste predominately debris subject to the Alternate Debris Standards (40 CFR 268.48)? ☐ Yes ☑ No
   e. Is the waste predominately soil subject to the Alternate Soil Treatment Standards (40 CFR 268.49)? ☐ Yes ☑ No
      1. If yes, will Underlying Hazardous Constituents apply? (list in C.2.j) ☐ Yes ☐ No
   f. Does the waste represented by this profile contain asbestos? ☑ Yes ☐ No
      2. If yes: ☐ Friable ☑ Non-Friable
   g. Does the waste represented by this profile contain benzene? ☐ Yes ☑ No
      1. Is this subject to Benzene Operations Waste NESHAP (40 CFR Part 61 Subpart FF)? ☐ Yes ☐ No
      If yes, complete Benzene Waste Operations NESHAP (BWON) questionnaire.

WASTE MANAGEMENT

Generator's Hazardous Waste Profile Sheet

Profile Number NY303471

C. Waste Stream Information (continued)

h. Is this profile for remediation waste from a facility that is a major source of Hazardous Air Pollutants (Site Remediation NESHAP, 40 CFR 63 subpart GGGGG)? ☐ Yes ☑ No

1. If yes, does the waste contain <500 ppm VOHAPs at the point of determination? ☐ Yes ☐ No

i. Does the waste represented by this waste profile sheet contain Polychlorinated Biphenyls (PCBs)? ☑ Yes ☐ No
(If yes, list in Chemical Composition - C.2.j)

1. If yes, are the PCBs regulated by 40 CFR 761? ☐ Yes ☑ No
2. If yes, is it remediation waste from a project being performed under the Self-Implementing option provided in 40 CFR 761.61(a)? ☐ Yes ☑ No
3. If yes, were the PCBs imported into the US? ☐ Yes ☑ No

j. Chemical Composition (List all constituents [including halogenated organics, debris, and UHC's] present in any concentration and submit representative analysis): ☐ (See Attached - for entering additional constituents)

Constituents (Total Composition Must be ≥ 100%)	Lower Range	Unit of Measure	Upper Range	Unit of Measure
1. Non RCRA sludge	50	%	75	%
2. Brick	20	%	50	%
3. Debris (wood, plastic)	10	%	30	%
4. Nickel	11.6	ppm		
5.				
6.				

k. Check any that apply: ☐ Pyrophoric ☐ Water Reactive ☐ OSHA Carcinogen ☐ Shock Sensitive ☐ Oxidizer ☐ Infectious

l. Is the waste subject to controls as a Group 1 wastewater or residual under the Hazardous Organic NESHAP? ☐ Yes ☑ No

1. If yes, is it a Table 8 _____ or Table 9 _____ compound?

m. Does the waste represented by this waste profile sheet contain radioactive material? ☐ Yes ☑ No

1. Is disposal regulated by the Nuclear Regulatory Commission? ☐ Yes ☐ No
2. If NORM, identify isotopes and concentration, _____ pCi/g.

n. Is the waste from a CERCLA (40 CFR 300, Appendix B) or state mandated clean-up? ☐ Yes ☑ No

1. If yes, attach Record of Decision (ROD), 104/106 or 122 order or court order that governs site clean-up for activity. For state mandated clean-up, provide relevant documentation.

o. Is this a State Hazardous Waste? ☐ Yes ☑ No

1. If yes, please list applicable codes: _____

If NY waste codes B001-B007 apply, please complete question C.2.c on page 1.

D. DOT Information and Shipping Volume

1. Quantity of Waste
   a. ☑ One Time Event ☐ Base ☐ Repeat Event
   b. Estimated Annual Quantity: 100 ☑ Tons ☐ Yards ☐ Drums ☐ Other (specify) _____
   c. Shipping Frequency: Units: _____ Per: ☐ Month ☐ Quarter ☐ Year ☑ One Time ☐ Other _____
2. Shipping Information
   a. Packaging:
      ☑ Roll off/End dump: _____ ☐ Other: _____
      ☐ Drum Type/Size: _____ ☐ Vacuum Box
      ☐ Tanker ☐ Super Sack ☐ Tote Bin ☐ Cubic Yard Boxes
   b. Is this a U.S. Department of Transportation (USDOT) Hazardous Material (If no, skip c, d and e)? ☐ Yes ☑ No
   c. Reportable Quantity (lbs.; kgs.): _____ d. Primary/Subsidiary Hazard Class(es)/ID#: _____
   e. USDOT Shipping Name: _____ PG: _____

E. Generator Certification (Please read and certify by signature below)

I hereby certify that all information submitted in this and all attached documents contain true and accurate descriptions of this wastestream. Any sample submitted is a representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. I authorize WMI to obtain a sample from any waste shipment for purposes of recertification. If this certification is made by a broker, the undersigned signs as authorized agent of the generator and has confirmed the information contained in this Profile Sheet from information provided by the generator and additional information as it has determined to be reasonably necessary. If approved for management, Contractor has all the necessary permits and licenses for the waste that has been characterized and identified by this approved profile. All revelant information within the possession of the Generator regarding known or suspected hazards pertaining to the waste will be disclosed to the contractor. All changes which occur in the character of the waste will be identified by the Generator and be disclosed to the Contractor prior to providing the waste to the Contractor.

Certification Signature: Thomas Forbes (as Agent for Rivlen) Title: Agent for Rivlen, Inc.

Company Name: Benchmarke Environmental Engineering Name (Print): Thomas Forbes

Date: March 16, 2012

HAZARDOUS WASTE PROFILE ADDENDUM

Profile Number: NY303471

F. Addendum to Waste Stream Information

1. If this is USEPA hazardous waste (40 CFR Part 261), identify ALL USEPA listed and characteristic waste code numbers (D, F, K, P, U):

2. Chemical Composition (List all constituents [including halogenated organics, debris, and UHC's] present in any concentration and submit representative analysis):

Constituents *(Total Composition Must be > 100%)*	Lower Range	Unit of Measure	Upper Range	Unit of Measure
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				

3. Is this a State Hazardous Waste? ☐ Yes ☐ No

If yes, please list applicable codes

WASTE MANAGEMENT

Generator's Hazardous Waste Profile Sheet

Service Agreement on file? ☐ Yes ☐ No Profile Number NY303472

☐ Check here if there are multiple generating locations for this waste. Attach addition locations.

☑ Check here if a Certificate of Destruction or Disposal is required.

Requested Disposal Facility: Model City (Hazardous Waste Facility)

☐ Renewal for Profile Number: _____ Waste Approval Expiration Date: _____

A. Waste Generator Facility Information (must reflect location of waste generation/origin)

1. Generator Name: REALCO (former Al-Tech Specialy Steel
2. Site Address: LUCAS AVE 1000 FT W OF CENTRAL
3. City/ZIP: Dunkirk, 14048
4. State: NY
5. County: CHAUTAUQUA
6. Contact Name/Title: SEAN REED
7. Email Address: SREED@TITANWRECKING.COM
8. Phone: 716-692-2000 X105
9. FAX: 716-693-2650
10. NAICS Code: _____
11. Generator USEPA ID #: NYR000086603
12. State ID# (if applicable): _____

B. Customer Information ☐ same as above

P. O. Number: _____

1. Customer Name: Titan Wrecking & Environmental, LLC
2. Billing Address: PO Box 646
3. City, State and ZIP: Tonawanda, NY, 14151
4. Contact Name: Sean Reed
5. Contact Email: sreed@titanwrecking.com
6. Phone: 716-692-2000 FAX: 692-693-2650
7. Transporter Name: _____
8. Transporter ID # (if appl.): _____
9. Transporter Address: _____
10. City, State and ZIP: _____

C. Waste Stream Information

☑ USEPA Hazardous ☐ State Hazardous ☑ TSCA

1. Description
   a. Name of Waste: K062 sludge (no PCB's)
   b. Process Generating Waste: BUILDING DEMOLITION/pit cleanout
   c. Color: VARIES
   d. Strong Odor (describe): _____
   e. Physical State at 70°F: ☐ Solid ☐ Liquid ☐ Gas ☑ Sludge ☐ Other: _____
   f. Layers? ☑ Single layer ☐ Multi- layer
   g. Free Liquid Range (%) 0 to _____ Specific Gravity: _____ Viscosity: _____ BTU/lb: _____
   h. pH Range: _____ to _____ ☑ NA (Solid)
   i. Liquid Flash Point: ☐ < 140°F ☐ 140°- 199°F ☑ ≥ 200°F ☐ NA(solid)
2. Is this a USEPA hazardous waste (40 CFR Part 261)? If the answer is no, skip to question f. ☑ Yes ☐ No
   a. If yes, identify ALL USEPA listed and characteristic waste code numbers (D,F,K,P,U).
   K062
   b. If a characteristic hazardous waste, do underlying hazardous constituents (UHCs) apply (40 CFR 268.48)? ☐ Yes ☑ No
   (if yes, list in Section C.2.j)
   c. Is the waste subject to RCRA Subpart CC Controls (40 CFR 264.1083 & 265.1084)? ☐ ? Click for Add'l Info ☐ Yes ☑ No
      1. If no, does the waste meet the organic LDR Exemption? ☑ Yes ☐ No
      2. If no, does the waste contain <500 ppm volatile organic (VOC's)? ☐ Yes ☐ No
      3. Volatile organic concentration _____ ppm.
   d. Is the waste predominately debris subject to the Alternate Debris Standards (40 CFR 268.45)? ☐ Yes ☑ No
   e. Is the waste predominately soil subject to the Alternate Soil Treatment Standards (40 CFR 268.49)? ☐ Yes ☑ No
      1. If yes, will Underlying Hazardous Constituents apply? (list in C.2.j) ☐ Yes ☐ No
   f. Does the waste represented by this profile contain asbestos? ☑ Yes ☐ No
      2. If yes: ☑ Friable ☐ Non-Friable
   g. Does the waste represented by this profile contain benzene? ☐ Yes ☑ No
      1. Is this subject to Benzene Operations Waste NESHAP (40 CFR Part 61 Subpart FF)? ☐ Yes ☐ No
      If yes, complete Benzene Waste Operations NESHAP (BWON) questionnaire.

WASTE MANAGEMENT

Generator's Hazardous Waste Profile Sheet

Profile Number NY303472

C. Waste Stream Information (continued)

h. Is this profile for remediation waste from a facility that is a major source of Hazardous Air Pollutants (Site Remediation NESHAP, 40 CFR 63 subpart GGGGG)? ☐ Yes ☑ No

1. If yes, does the waste contain <500 ppm VOHAPs at the point of determination? ☐ Yes ☐ No

i. Does the waste represented by this waste profile sheet contain Polychlorinated Biphenyls (PCBs)? ☐ Yes ☑ No (If yes, list in Chemical Composition - C.2.j)

1. If yes, are the PCBs regulated by 40 CFR 761? ☑ Yes ☐ No
2. If yes, is it remediation waste from a project being performed under the Self-Implementing option provided in 40 CFR 761.61(a)? ☐ Yes ☑ No
3. If yes, were the PCBs imported into the US? ☐ Yes ☑ No

j. Chemical Composition (List all constituents [including halogenated organics, debris, and UHC's] present in any concentration and submit representative analysis): ☐ (See Attached - for entering additional constituents)

Constituents (Total Composition Must be ≥ 100%)	Lower Range	Unit of Measure	Upper Range	Unit of Measure
1. Sludge	90	%	100	%
2. Brick/debris	20	%	50	%
3. Lime	1	%	20	%
4. Sawdust	20	%	30	%
5.				
6.				

k. Check any that apply: ☐ Pyrophoric ☐ Water Reactive ☐ OSHA Carcinogen ☐ Shock Sensitive ☐ Oxidizer ☐ Infectious

l. Is the waste subject to controls as a Group 1 wastewater or residual under the Hazardous Organic NESHAP? ☐ Yes ☑ No

1. If yes, is it a Table 8 _____ or Table 9 _____ compound?

m. Does the waste represented by this waste profile sheet contain radioactive material? ☐ Yes ☑ No

1. Is disposal regulated by the Nuclear Regulatory Commission? ☐ Yes ☐ No
2. If NORM, identify isotopes and concentration, _____ pCi/g.

n. Is the waste from a CERCLA (40 CFR 300, Appendix B) or state mandated clean-up? ☐ Yes ☑ No

1. If yes, attach Record of Decision (ROD), 104/106 or 122 order or court order that governs site clean-up for activity. For state mandated clean-up, provide relevant documentation.

o. Is this a State Hazardous Waste? ☐ Yes ☑ No

1. If yes, please list applicable codes: _____

If NY waste codes B001-B007 apply, please complete question C.2.c on page 1.

D. DOT Information and Shipping Volume

1. Quantity of Waste
   a. ☑ One Time Event ☐ Base ☐ Repeat Event
   b. Estimated Annual Quantity: 80 ☑ Tons ☐ Yards ☐ Drums ☐ Other (specify) _____
   c. Shipping Frequency: Units: _____ Per: ☐ Month ☐ Quarter ☐ Year ☑ One Time ☐ Other _____
2. Shipping Information
   a. Packaging:
      ☑ Roll off/End dump: _____ ☐ Other: _____
      ☐ Drum Type/Size: _____ ☐ Vacuum Box
      ☐ Tanker ☐ Super Sack ☐ Tote Bin ☐ Cubic Yard Boxes
   b. Is this a U.S. Department of Transportation (USDOT) Hazardous Material (If no, skip c, d and e)? ☑ Yes ☐ No
   c. Reportable Quantity (lbs.; kgs.): _____ d. Primary/Subsidiary Hazard Class(es)/ID#: _____
   e. USDOT Shipping Name: _____ PG: _____

E. Generator Certification (Please read and certify by signature below)

I hereby certify that all information submitted in this and all attached documents contain true and accurate descriptions of this wastestream. Any sample submitted is a representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. I authorize WMI to obtain a sample from any waste shipment for purposes of recertification. If this certification is made by a broker, the undersigned signs as authorized agent of the generator and has confirmed the information contained in this Profile Sheet from information provided by the generator and additional information as it has determined to be reasonably necessary. If approved for management, Contractor has all the necessary permits and licenses for the waste that has been characterized and identified by this approved profile. All revelant information within the possession of the Generator regarding known or suspected hazards pertaining to the waste will be disclosed to the contractor. All changes which occur in the character of the waste will be identified by the Generator and be disclosed to the Contractor prior to providing the waste to the Contractor.

Certification Signature: Thomas Forbes (as Agent for Parker) Title: Agent for Parker, Inc.

Company Name: Benchmark Environmental Engineering Name (Print): Thomas Forbes

Date: March 16, 2012

WASTE MANAGEMENT

HAZARDOUS WASTE PROFILE ADDENDUM

Profile Number: NY303472

F. Addendum to Waste Stream Information

1. If this is USEPA hazardous waste (40 CFR Part 261), identify ALL USEPA listed and characteristic waste code numbers (D, F, K, P, U):

2. Chemical Composition (List all constituents [including halogenated organics, debris, and UHC's] present in any concentration and submit representative analysis):

Constituents *(Total Composition Must be > 100%)*	Lower Range	Unit of Measure	Upper Range	Unit of Measure
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				

3. Is this a State Hazardous Waste? ☐ Yes ☐ No

If yes, please list applicable codes

APPENDIX D

MANIFESTS

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	N Y R 0 0 0 0 8 6 6 0 3	1	(800) 424-9300	001669298 GBF

GENERATOR

5. Generator's Name and Mailing Address
REALCO INC C/O TITAN WRECKING
P.O. BOX 646
TONAWANDA NY 14151
Generator's Phone: (716) 510-6678

Generator's Site Address (if different than mailing address)
REALCO INC
LUCAS AVE 1000 FT W OF CENTRAL
DUNKIRK NY 14048

6. Transporter 1 Company Name: TONAWANDA TANK — U.S. EPA ID Number: NYD097644801

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
Facility's Phone: (716) 286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, HAZARDOUS WASTE, SOLID, N.O.S.,9,NA3077, III,(K062, PCBS) NY303426	1	CM	15,000	K	K062	B007	
	2.							
	3.							
	4.	1						

14. Special Handling Instructions and Additional Information
1. NY303426 - K062 BRICK 66 PPM PCBS ERG# 171 — recd 9244K — PCB OUT OF SERVICE DATE: 3.5.12
WEIGHT IN SECTION 11 IS ESTIMATED WSR REQUIRED SR # 81650695
ER SERVICE CONTRACTED BY WASTE MANAGEMENT

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: John Sprecht — Signature: [signature] — Month 3 Day 6 Year 12

TRANSPORTER INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: PAUL SCHLEGEL — Signature: [signature] — Month 3 Day 6 Year 12
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
atyestactual recd 9244K — Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski — Signature: [signature] — Month 3 Day 7 Year 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYR000086603	1	(800) 424-9300	001669299 GBF

GENERATOR

5. Generator's Name and Mailing Address
REALCO INC C/O TITAN WRECKING
P.O. BOX 646
TONAWANDA NY 14151
Generator's Phone: (716) 510-6678

Generator's Site Address (if different than mailing address)
REALCO INC
LUCAS AVE 1000 FT W OF CENTRAL
DUNKIRK NY 14048

6. Transporter 1 Company Name: TONAWANDA TANK — U.S. EPA ID Number: NYD097644801

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
Facility's Phone: (716) 286-1550

U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, HAZARDOUS WASTE, SOLID, N.O.S.,9,NA3077, III,(K062, PCBS) NY303426	1	CM	15,000	K	K062	B007	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. NY303426 - K062 BRICK 66 PPM PCBS ERG# 171
recd 15304k
PCB OUT OF SERVICE DATE: 3-5-12.
WEIGHT IN SECTION 11 IS ESTIMATED WSR REQUIRED
ER SERVICE CONTRACTED BY WASTE MANAGEMENT
SR# 976321 81650689

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: REALCO INC. John Dott — Signature: John Dott — Month 3 Day 6 Year 12

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: PAUL SCHLEGEL — Signature: Paul Schlegel — Month 3 Day 6 Year 12
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski — Signature: Jody Parfinski — Month 3 Day 6 Year 12

EPA Form 8700-22 (Rev. 03-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYR000086603	1	(800) 424-9300	001669301 GBF

GENERATOR

5. Generator's Name and Mailing Address
REALCO INC C/O TITAN WRECKING
P.O. BOX 646
TONAWANDA NY 14151
Generator's Phone: (716) 510-6678

Generator's Site Address (if different than mailing address)
REALCO INC
LUCAS AVE 1000 FT W OF CENTRAL
DUNKIRK NY 14048

6. Transporter 1 Company Name: TONAWANDA TANK — U.S. EPA ID Number: NYD097644801

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
Facility's Phone: (716) 286-1550

U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, HAZARDOUS WASTE, SOLID, N.O.S.,9,NA3077, III,(K062, PCBS) NY303426 50	1	CM	65 15,000	K	K062	B007	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
50 50
1. NY303426 - K062 BRICK 66 PPM PCBS ERG# 171 81650861 / 12746K PCB OUT OF SERVICE DATE: 3.13.12
WEIGHT IN SECTION 11 IS ESTIMATED WSR REQUIRED SR # 976321 81650861
ER SERVICE CONTRACTED BY WASTE MANAGEMENT

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true

Generator's/Offeror's Printed/Typed Name: JOHN T. Dath for Agent REALCO — Signature: John T. Dath — Month 03 Day 15 Year 12

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: PAUL SCHLEGEL — Signature: Paul Schlegel — Month 3 Day 15 Year 12

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
qty est actual recd 12746K Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Parfinski — Signature: Jody Parfinski — Month 3 Day 16 Year 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
N Y R 0 0 0 0 8 6 6 0 3	1	(800) 424- 9300	001669304 GBF

GENERATOR

5. Generator's Name and Mailing Address
REALCO INC C/O TITAN WRECKING
P.O. BOX 646
TONAWANDA NY 14151
Generator's Phone: (716) 510- 6678

Generator's Site Address (if different than mailing address)
REALCO INC
LUCAS AVE 1000 FT W OF CENTRAL
DUNKIRK NY 14048

6. Transporter 1 Company Name: TONAWANDA TANK TRANSPORT — U.S. EPA ID Number: NYD 097644801

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
Facility's Phone: (716) 286- 1550

U.S. EPA ID Number: NYD 049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, HAZARDOUS WASTE, SOLID, N.O.S.,9,NA3077, III,(K062, PCBS) NY303436 50 bbl.	01	CM	(EST) 15000	K	K062	B007	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
15056
1. NY303436 - K062 BRICK 66 PPM PCBS ERG# 171 — recd 12292K — PCB OUT OF SERVICE DATE: 3.12.12
WEIGHT IN SECTION 11 IS ESTIMATED WSR REQUIRED SR # 976321 81650957
ER SERVICE CONTRACTED BY WASTE MANAGEMENT

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: JOHN T. DETH AS AGENT FOR REALCO — Signature: John T. Deth Agent for Realco — Month 03 Day 16 Year 12

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: ____ Date leaving U.S.: ____
Transporter signature (for exports only):

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: DAVID ATTEA — Signature: David Attea — Month 03 Day 16 Year 12
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
qty est actual recd 12292K — Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski — Signature: Jody Parfinski — Month 3 Day 22 Year 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYR000086603	1	(800) 424-9300	001669227 GBF

GENERATOR

5. Generator's Name and Mailing Address
REALCO INC C/O TITAN WRECKING
P.O. BOX 646
TONAWANDA NY 14151
Generator's Phone: (716) 510-6678

Generator's Site Address (if different than mailing address)
REALCO INC
LUCAS AVE 1000 FT W OF CENTRAL
DUNKIRK NY 14048

6. Transporter 1 Company Name: TONAWANDA TANK — U.S. EPA ID Number: NYD097644801

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
Facility's Phone: (716) 286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
X	1. RQ, HAZARDOUS WASTE, SOLID, N.O.S.,9,NA3077, III,(K062, PCBS) NY303~~426~~ 450	~~8-~~ ~~[illegible]~~ (1)	~~box~~ CM	EST ~~[illegible]~~ 15000	K	K062	B007
	2.						
	3.						
	4.						

14. Special Handling Instructions and Additional Information
1. NY30346~~[illegible]~~ 50 - K062 BRICK 66 PPM PCBS ERG# 171
recd 14923 K
PCB OUT OF SERVICE DATE: 3.1.12
WEIGHT IN SECTION 11 IS ESTIMATED WSR REQUIRED SR# 976995 81650730
ER SERVICE CONTRACTED BY WASTE MANAGEMENT

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: REALCO INC. John DOBBS — Signature: John T. Dobbs Agent for Realco — Month 03 Day 01 Year 12

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [illegible] SCHLEGEL — Signature: [illegible] Schlegel — Month 03 Day 02 Year 12
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski — Signature: Jody Parfinski — Month 3 Day 2 Year 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYR000086603	1	(800) 424-9300	001669302 GBF

GENERATOR

5. Generator's Name and Mailing Address
REALCO INC C/O TITAN WRECKING
P.O. BOX 646
TONAWANDA NY 14151
Generator's Phone: (716) 510-6678

Generator's Site Address (if different than mailing address)
REALCO INC
LUCAS AVE 1000 FT W OF CENTRAL
DUNKIRK NY 14048

6. Transporter 1 Company Name: TONAWANDA TANK — U.S. EPA ID Number: WYD097644801

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
Facility's Phone: (716) 286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, HAZARDOUS WASTE, SOLID, N.O.S.,9,NA3077, III,(K062, PCBS) NY303426	1	CM	15,000	K	K062	B007	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. NY303426 - K062 BRICK 66 PPM PCBS ERG# 171 PCB OUT OF SERVICE DATE: 3-12-12
WEIGHT IN SECTION 11 IS ESTIMATED WSR REQUIRED SR # 976321
ER SERVICE CONTRACTED BY WASTE MANAGEMENT

recd 14 20 K
81650843

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: John T. Deth For Agent of REALCO. — Signature: John T. Deth As Agent for Realco — Month 03 Day 15 Year 12

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: PAUL SCHLEGEL — Signature: Paul Schlegel — Month 3 Day 13 Year 12

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Parfinski — Signature: Jody Parfinski. — Month 3 Day 16 Year 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYR000086603	1	(800) 424-9300	001669303 GBF

GENERATOR

5. Generator's Name and Mailing Address
REALCO INC C/O TITAN WRECKING
P.O. BOX 646
TONAWANDA NY 14151
Generator's Phone: (716) 510-6678

Generator's Site Address (if different than mailing address)
REALCO INC
LUCAS AVE 1000 FT W OF CENTRAL
DUNKIRK NY 14048

6. Transporter 1 Company Name: TONAWANDA TANK — U.S. EPA ID Number: NYD097644801

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
Facility's Phone: (716) 286-1550

U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, HAZARDOUS WASTE, SOLID, N.O.S.,9,NA3077, III,(K062, PCBS) NY303426 50 RQ	1	CM	15,000	K	K062	B007	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
50 RQ 3116/12
1. NY303426 - K062 BRICK 66 PPM PCBS ERG# 171 8165085912546K
PCB OUT OF SERVICE DATE: 3.12.12
WEIGHT IN SECTION 11 IS ESTIMATED WSR REQUIRED SR # 976321 OR 8165084613/16/12
ER SERVICE CONTRACTED BY WASTE MANAGEMENT

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: John T. Dodt Agent for Realco, Inc. — Signature: John T. Dodt Agent for Realco — Month 03 Day 15 Year 12

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: PAUL SCHLEGEL — Signature: Paul Schlegel — Month 3 Day 15 Year 12

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
qty est actual rec'd 12546k
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name: Jody Parfinski — Signature: Jody Parfinski — Month 3 Day 16 Year 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	N Y R 0 0 0 0 8 6 6 0 3	1	(800) 424-9300	001669327 GBF

GENERATOR

5. Generator's Name and Mailing Address
REALCO INC C/O TITAN WRECKING
P.O. BOX 646
TONAWANDA NY 14151
Generator's Phone: (716) 510-6678

Generator's Site Address (if different than mailing address)
REALCO INC
LUCAS AVE 1000 FT W OF CENTRAL
DUNKIRK NY 14048

6. Transporter 1 Company Name: TONAWANDA TANK — U.S. EPA ID Number: NYD097644801

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
Facility's Phone: (716) 286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, HAZARDOUS WASTE, SOLID, N.O.S.,9,NA3077, III,(K062, PCBS) NY303425 50 RD.	1	CM	15,000	K	K062	B007	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. NY303425 - K062 BRICK 66 PPM PCBS ERG# 171 PCB OUT OF SERVICE DATE: 3.8.12
WEIGHT IN SECTION 11 IS ESTIMATED WSR REQUIRED SR # 976321 81650715
ER SERVICE CONTRACTED BY WASTE MANAGEMENT

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: REALCO INC, JOHN T. DETH, AGENT FOR REALCO — Signature: John T. Deth, AGENT FOR REALCO — Month 03 Day 08 Year 12

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: PAUL SCHLEGEL — Signature: Paul Schlegel — Month 03 Day 08 Year 12

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

qty est actual recd 13309K — Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Parfinski — Signature: Jody Parfinski — Month 03 Day 19 Year 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	N Y R 0 0 0 0 8 6 6 0 3	1	(800) 424-9300	001669300 GBF

GENERATOR

5. Generator's Name and Mailing Address
REALCO INC C/O TITAN WRECKING
P.O. BOX 646
TONAWANDA NY 14151

Generator's Phone: (716) 510-6678

Generator's Site Address (if different than mailing address)
REALCO INC
LUCAS AVE 1000 FT W OF CENTRAL
DUNKIRK NY 14048

6. Transporter 1 Company Name: TONAWANDA TANK — U.S. EPA ID Number: NY0097644801

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

U.S. EPA ID Number: NYD049836679

Facility's Phone: (716) 286-1550

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, HAZARDOUS WASTE, SOLID, N.O.S.,9,NA3077, III,(K062, PCBS) 450 NY303~~428~~	1	CM	15,000	K	K062	B007	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. NY303~~428~~ 450 K062 BRICK 66 PPM PCBS ERG# 171 recd 12991K 81650815
WEIGHT IN SECTION 11 IS ESTIMATED WSR REQUIRED PCB OUT OF SERVICE DATE: 03-03-12
ER SERVICE CONTRACTED BY WASTE MANAGEMENT SR # ~~5013~~ 977049-2

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: JAMES TARBELLA (AS AGENT FOR REALCO) — Signature: (AS AGENT FOR REALCO) — Month 03 Day 09 Year 12

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: PAUL SCHLEGEL — Signature: Paul Schlegel — Month 3 Day 9 Year 12

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
qty est actual recd 12991k
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Parfinski — Signature: Jody Parfinski. — Month 3 Day 15 Year 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	N Y R 0 0 0 0 8 6 6 0 3	1	(800) 424-9300	001669326 GBF

GENERATOR

5. Generator's Name and Mailing Address
REALCO INC C/O TITAN WRECKING
P.O. BOX 646
TONAWANDA NY 14151
Generator's Phone: (716) 510-6678

Generator's Site Address (if different than mailing address)
REALCO INC
LUCAS AVE 1000 FT W OF CENTRAL
DUNKIRK NY 14048

6. Transporter 1 Company Name: TONAWANDA TANK — U.S. EPA ID Number: WY0097644801

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
Facility's Phone: (716) 286-1550

U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, HAZARDOUS WASTE, SOLID, N.O.S.,9,NA3077, III,(K062, PCBS) NY303480 450	1	CM	15,000	K	K062	B007	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
recd 13094K 3/15/12 recd 13935K 3/15/12 81650821
1. NY303480 - K062 BRICK 66 PPM PCBS ERG# 171
PCB OUT OF SERVICE DATE: 03-08-12
WEIGHT IN SECTION 11 IS ESTIMATED WSR REQUIRED
ER SERVICE CONTRACTED BY WASTE MANAGEMENT
SR # 476321 977049-1 recd 13091K

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: James Tanavella (As Agent For Realco) — Signature: (As Agent For Realco) — Month: 03 — Day: 09 — Year: 12

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: PAUL SCHLEGEL — Signature: Paul Schlegel — Month: 3 — Day: 9 — Year: 12

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
9ty estactual recd 13092K — Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Parfinski — Signature: Jody Parfinski — Month: 3 — Day: 15 — Year: 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

CWM1

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	N Y R 0 0 0 0 8 6 6 0 3	1	(800) 424-9300	001668977 GBF

GENERATOR

5. Generator's Name and Mailing Address
REALCO INC C/O TITAN WRECKING
P.O. BOX 646
TONAWANDA NY 14151
Generator's Phone: (716) 510-6678

Generator's Site Address (if different than mailing address)
REALCO INC
LUCAS AVE 1000 FT W OF CENTRAL
DUNKIRK NY 14048

6. Transporter 1 Company Name: TONAWANDA TANK — U.S. EPA ID Number: NY0097644801

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
Facility's Phone: (716) 286-1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, HAZARDOUS WASTE, SOLID, N.O.S.,9,NA3077, III,(K062) NY303472	001	CM	Est 15,000	P	K062		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. NY303472 - K062 SLUDGE ERG# 171
WEIGHT IN SECTION 11 IS ESTIMATED
ER SERVICE CONTRACTED BY WASTE MANAGEMENT SR # 976321
8165135 1
recd 9943K

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: AMES TONAWANDA (AS AGENT FOR REALCO) — Signature: (AS AGENT FOR REALCO) — Month 04 Day 16 Year 12

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: PAUL SCHLEGEL — Signature — Month 4 Day 16 Year 12
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
attest actual recd 9943K
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jody Parfinski — Signature: Jody Parfinski — Month 4 Day 20 Year 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	N Y R 0 0 0 0 8 6 6 0 3	1	(800) 424- 9300	001668980 GBF

GENERATOR

5. Generator's Name and Mailing Address
REALCO INC C/O TITAN WRECKING
P.O. BOX 646
TONAWANDA NY 14151
Generator's Phone: (716) 510- 6678

Generator's Site Address (if different than mailing address)
REALCO INC
LUCAS AVE 1000 FT W OF CENTRAL
DUNKIRK NY 14048

6. Transporter 1 Company Name: TONAWANDA TANK — U.S. EPA ID Number: NYD097644801

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
Facility's Phone: (716) 286- 1550
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, HAZARDOUS WASTE, SOLID, N.O.S.,9,NA3077, III,(K062) NY303472	001	CM	Est 15,000	P	K062
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. NY303472 - K062 SLUDGE ERG# 171
WEIGHT IN SECTION 11 IS ESTIMATED
ER SERVICE CONTRACTED BY WASTE MANAGEMENT SR # 976321
8165129O
recd 30640P

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: JAMES TANNELLA (AS AGENT FOR REALCO) — Signature: James Tannella (AS AGENT FOR REALCO) — Month 04 Day 17 Year 12

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: PAUL SCHLEGEL — Signature: Paul Schlegel — Month 4 Day 17 Year 12

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Qty estactual recd 30640P
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Parfinski — Signature: Jody Parfinski — Month 4 Day 18 Year 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	N Y R 0 0 0 0 8 6 6 0 3	1	(800) 424-9300	001668981 GBF

GENERATOR

5. Generator's Name and Mailing Address
REALCO INC C/O TITAN WRECKING
P.O. BOX 646
TONAWANDA NY 14151
Generator's Phone: (716) 510-6678

Generator's Site Address (if different than mailing address)
REALCO INC
LUCAS AVE 1000 FT W OF CENTRAL
DUNKIRK NY 14048

6. Transporter 1 Company Name: TONAWANDA TANK — U.S. EPA ID Number: W400976448O1

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
Facility's Phone: (716) 286-1550

U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, HAZARDOUS WASTE, SOLID, N.O.S.,9,NA3077, III,(K062) NY303472	001	CM	15,000	P	K062		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. NY303472 - K062 SLUDGE ERG# 171
WEIGHT IN SECTION 11 IS ESTIMATED
ER SERVICE CONTRACTED BY WASTE MANAGEMENT SR # 97632)

8165265
recd 21080P

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: JAMES TARANTELLA (AS AGENT FOR REALCO) — Signature: (AS AGENT FOR REALCO) — Month: 04 — Day: 16 — Year: 12

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: PAUL SCHLEGEL — Signature: — Month: 4 — Day: 16 — Year: 12

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

qty est actual recd 21080P — Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name: Jody Parfinski — Signature: Jody Parfinski — Month: 4 — Day: 17 — Year: 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	N Y R 0 0 0 0 8 6 6 0 3	1	(800) 424-9300	001669305 GBF

GENERATOR

5. Generator's Name and Mailing Address
REALCO INC C/O TITAN WRECKING
P.O. BOX 646
TONAWANDA NY 14151

Generator's Phone: (716) 510-6678

Generator's Site Address (if different than mailing address)
REALCO INC
LUCAS AVE 1000 FT W OF CENTRAL
DUNKIRK NY 14048

6. Transporter 1 Company Name: TONAWANDA TANK — U.S. EPA ID Number: NYD097644801

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

Facility's Phone: (716) 286-1550

U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, HAZARDOUS WASTE, SOLID, N.O.S.,9,NA3077, III,(K062, ~~PCBS~~) JCT JCT NY303412 ~~NY303426~~	1	CM	15,000	K	K062	~~B007~~ JCT	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
~~NY303426~~ JCT - K062 BRICK ~~66 PPM PCBS~~ ERG# 171 PCB OUT OF SERVICE DATE: JCT
WEIGHT IN SECTION 11 IS ESTIMATED WSR REQUIRED SR # 81651148
ER SERVICE CONTRACTED BY WASTE MANAGEMENT rec'd 3/6/12

16. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: JAMES TARANTELLA (AS AGENT FOR REALCO) — Signature: (AS AGENT FOR REALCO) — Month 04 Day 02 Year 12

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: PAUL SCHLEGEL — Signature: — Month 4 Day 2 Year 12

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jody Parfinski — Signature: Jody Parfinski — Month 4 Day 4 Year 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

APPENDIX E

IMPORTED MATERIALS DOCUMENTATION

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-16891-2
Client Project/Site: Dunkirk Speciality Steel

For:
Titan Wrecking and Environmental
153 Wales Avenue
Tonawanda, New York 14150

Attn: Sean Reed

Melissa Deyo

Authorized for release by:
3/23/2012 3:21:15 PM

Melissa Deyo
Project Manager I
melissa.deyo@testamericainc.com

Table of Contents

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
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 the concentration found in the blank.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
F	RPD of the MS and MSD exceeds the control limits

Glossary

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

Job ID: 480-16891-2

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-16891-2

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
Method 8270C: The following sample was diluted due to the nature of the sample matrix: 001 (480-16891-1). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC Semi VOA
Method 8081A: The following sample was diluted due to the nature of the sample matrix : 001 (480-16891-1). As such, surrogate recoveries are not representative and elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Metals
Method 6010B: The method blank for preparation batch 55541 contained Nickel and Zinc above the method detection limits. These target analyte concentrations were less than the reporting limits (RLs); therefore, re-extraction and/or re-analysis of sample was not performed.

Method 6010B: The matrix spike / matrix spike duplicate recoveries and precision in preparation batch 55541 were outside control limits. Non-homogeneity of the sample matrix was suspected. The associated laboratory control sample (LCS) met acceptance criteria; therefore, no corrective action was necessary.

No other analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Organic Prep
Method 3550B: The following sample required a Florisil clean-up, via to reduce matrix interferences prior to analysis by method 8081A: 001 (480-16891-1).

No other analytical or quality issues were noted.

Detection Summary

Client: Titan Wrecking and Environmental
Project/Site: Dunkirk Speciality Steel

TestAmerica Job ID: 480-16891-2

Client Sample ID: 001

Lab Sample ID: 480-16891-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	120	J	1700	44	ug/Kg	10	☼	8270C	Total/NA
Benzo(a)anthracene	470	J	1700	30	ug/Kg	10	☼	8270C	Total/NA
Benzo(a)pyrene	390	J	1700	42	ug/Kg	10	☼	8270C	Total/NA
Benzo(b)fluoranthene	440	J	1700	33	ug/Kg	10	☼	8270C	Total/NA
Benzo(g,h,i)perylene	240	J	1700	21	ug/Kg	10	☼	8270C	Total/NA
Benzo(k)fluoranthene	260	J	1700	19	ug/Kg	10	☼	8270C	Total/NA
Chrysene	510	J	1700	17	ug/Kg	10	☼	8270C	Total/NA
Fluoranthene	1100	J	1700	25	ug/Kg	10	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	230	J	1700	48	ug/Kg	10	☼	8270C	Total/NA
Phenanthrene	620	J	1700	36	ug/Kg	10	☼	8270C	Total/NA
Pyrene	870	J	1700	11	ug/Kg	10	☼	8270C	Total/NA
4,4'-DDT	35	J	86	8.7	ug/Kg	50	☼	8081A	Total/NA
Arsenic	10.6		2.1	0.42	mg/Kg	1	☼	6010B	Total/NA
Barium	120		0.52	0.11	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.49		0.21	0.029	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.44		0.21	0.031	mg/Kg	1	☼	6010B	Total/NA
Copper	47.5		1.0	0.22	mg/Kg	1	☼	6010B	Total/NA
Lead	294		1.0	0.25	mg/Kg	1	☼	6010B	Total/NA
Manganese	424	B7 B	0.21	0.033	mg/Kg	1	☼	6010B	Total/NA
Nickel	42.5	B	5.2	0.24	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.80	J	4.2	0.59	mg/Kg	1	☼	6010B	Total/NA
Zinc	155	B	2.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Hg	0.21		0.022	0.0088	mg/Kg	1	☼	7471A	Total/NA
Trivalent Chromium	78.5		2.0	0.75	mg/Kg	1		7196A	Total/NA

Client Sample ID: 001
Date Collected: 03/06/12 14:30
Date Received: 03/06/12 16:20

Lab Sample ID: 480-16891-1
Matrix: Solid
Percent Solids: 96.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.1	0.37	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
1,1-Dichloroethane	ND		5.1	0.63	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
1,1-Dichloroethene	ND		5.1	0.63	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
1,2,4-Trimethylbenzene	ND		5.1	0.99	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
1,2-Dichlorobenzene	ND		5.1	0.40	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
1,2-Dichloroethane	ND		5.1	0.26	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
1,3,5-Trimethylbenzene	ND		5.1	0.33	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
1,3-Dichlorobenzene	ND		5.1	0.26	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
1,4-Dichlorobenzene	ND		5.1	0.72	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
1,4-Dioxane	ND		210	25	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
Acetone	ND		26	4.3	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
Benzene	ND		5.1	0.25	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
Butylbenzene	ND		5.1	0.45	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
Carbon tetrachloride	ND		5.1	0.50	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
Chlorobenzene	ND		5.1	0.68	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
Chloroform	ND		5.1	0.32	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
cis-1,2-Dichloroethene	ND		5.1	0.66	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
Ethylbenzene	ND		5.1	0.35	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
Isopropylbenzene	ND		5.1	0.78	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
Methyl Ethyl Ketone	ND		26	1.9	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
Methyl tert-butyl ether	ND		5.1	0.50	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
Methylene Chloride	ND		5.1	2.4	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
Propylbenzene, n-	ND		5.1	0.41	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
sec-Butylbenzene	ND		5.1	0.45	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
tert-Butylbenzene	ND		5.1	0.53	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
Tetrachloroethene	ND		5.1	0.69	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
Toluene	ND		5.1	0.39	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
trans-1,2-Dichloroethene	ND		5.1	0.53	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
Trichloroethene	ND		5.1	1.1	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
Vinyl chloride	ND		5.1	0.63	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1
Xylenes, Total	ND		10	0.86	ug/Kg	☼	03/19/12 11:15	03/19/12 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*64 - 126*	*03/19/12 11:15*	*03/19/12 16:01*	*1*
4-Bromofluorobenzene (Surr)	*101*		*72 - 126*	*03/19/12 11:15*	*03/19/12 16:01*	*1*
Toluene-d8 (Surr)	*106*		*71 - 125*	*03/19/12 11:15*	*03/19/12 16:01*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1700	20	ug/Kg	☼	03/16/12 18:09	03/19/12 13:19	10
Acenaphthylene	ND		1700	14	ug/Kg	☼	03/16/12 18:09	03/19/12 13:19	10
Anthracene	**120**	**J**	1700	44	ug/Kg	☼	03/16/12 18:09	03/19/12 13:19	10
Benzo(a)anthracene	**470**	**J**	1700	30	ug/Kg	☼	03/16/12 18:09	03/19/12 13:19	10
Benzo(a)pyrene	**390**	**J**	1700	42	ug/Kg	☼	03/16/12 18:09	03/19/12 13:19	10
Benzo(b)fluoranthene	**440**	**J**	1700	33	ug/Kg	☼	03/16/12 18:09	03/19/12 13:19	10
Benzo(g,h,i)perylene	**240**	**J**	1700	21	ug/Kg	☼	03/16/12 18:09	03/19/12 13:19	10
Benzo(k)fluoranthene	**260**	**J**	1700	19	ug/Kg	☼	03/16/12 18:09	03/19/12 13:19	10
Chrysene	**510**	**J**	1700	17	ug/Kg	☼	03/16/12 18:09	03/19/12 13:19	10
Dibenz(a,h)anthracene	ND		1700	20	ug/Kg	☼	03/16/12 18:09	03/19/12 13:19	10
Dibenzofuran	ND		1700	18	ug/Kg	☼	03/16/12 18:09	03/19/12 13:19	10
Fluoranthene	**1100**	**J**	1700	25	ug/Kg	☼	03/16/12 18:09	03/19/12 13:19	10

Client: Titan Wrecking and Environmental
Project/Site: Dunkirk Speciality Steel

TestAmerica Job ID: 480-16891-2

Client Sample ID: 001
Date Collected: 03/06/12 14:30
Date Received: 03/06/12 16:20

Lab Sample ID: 480-16891-1
Matrix: Solid
Percent Solids: 96.9

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		1700	40	ug/Kg	☼	03/16/12 18:09	03/19/12 13:19	10
Hexachlorobenzene	ND		1700	86	ug/Kg	☼	03/16/12 18:09	03/19/12 13:19	10
Indeno(1,2,3-cd)pyrene	**230**	**J**	1700	48	ug/Kg	☼	03/16/12 18:09	03/19/12 13:19	10
m-Cresol	ND	*	3400	96	ug/Kg	☼	03/16/12 18:09	03/19/12 13:19	10
Naphthalene	ND		1700	29	ug/Kg	☼	03/16/12 18:09	03/19/12 13:19	10
o-Cresol	ND		1700	53	ug/Kg	☼	03/16/12 18:09	03/19/12 13:19	10
p-Cresol	ND		3400	96	ug/Kg	☼	03/16/12 18:09	03/19/12 13:19	10
Pentachlorophenol	ND		3400	590	ug/Kg	☼	03/16/12 18:09	03/19/12 13:19	10
Phenanthrene	**620**	**J**	1700	36	ug/Kg	☼	03/16/12 18:09	03/19/12 13:19	10
Phenol	ND		1700	180	ug/Kg	☼	03/16/12 18:09	03/19/12 13:19	10
Pyrene	**870**	**J**	1700	11	ug/Kg	☼	03/16/12 18:09	03/19/12 13:19	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*75*		*39 - 146*	*03/16/12 18:09*	*03/19/12 13:19*	*10*
2-Fluorobiphenyl	*85*		*37 - 120*	*03/16/12 18:09*	*03/19/12 13:19*	*10*
2-Fluorophenol	*70*		*18 - 120*	*03/16/12 18:09*	*03/19/12 13:19*	*10*
Nitrobenzene-d5	*70*		*34 - 132*	*03/16/12 18:09*	*03/19/12 13:19*	*10*
Phenol-d5	*77*		*11 - 120*	*03/16/12 18:09*	*03/19/12 13:19*	*10*
p-Terphenyl-d14	*99*		*65 - 153*	*03/16/12 18:09*	*03/19/12 13:19*	*10*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		86	17	ug/Kg	☼	03/19/12 15:02	03/20/12 13:20	50
4,4'-DDE	ND		86	13	ug/Kg	☼	03/19/12 15:02	03/20/12 13:20	50
4,4'-DDT	**35**	**J**	86	8.7	ug/Kg	☼	03/19/12 15:02	03/20/12 13:20	50
Aldrin	ND		86	21	ug/Kg	☼	03/19/12 15:02	03/20/12 13:20	50
alpha-BHC	ND		86	15	ug/Kg	☼	03/19/12 15:02	03/20/12 13:20	50
alpha-Chlordane	ND		86	43	ug/Kg	☼	03/19/12 15:02	03/20/12 13:20	50
beta-BHC	ND		86	9.2	ug/Kg	☼	03/19/12 15:02	03/20/12 13:20	50
delta-BHC	ND		86	11	ug/Kg	☼	03/19/12 15:02	03/20/12 13:20	50
Dieldrin	ND		86	21	ug/Kg	☼	03/19/12 15:02	03/20/12 13:20	50
Endosulfan I	ND		86	11	ug/Kg	☼	03/19/12 15:02	03/20/12 13:20	50
Endosulfan II	ND		86	15	ug/Kg	☼	03/19/12 15:02	03/20/12 13:20	50
Endosulfan sulfate	ND		86	16	ug/Kg	☼	03/19/12 15:02	03/20/12 13:20	50
Endrin	ND		86	12	ug/Kg	☼	03/19/12 15:02	03/20/12 13:20	50
Heptachlor	ND		86	13	ug/Kg	☼	03/19/12 15:02	03/20/12 13:20	50
Lindane	ND		86	62	ug/Kg	☼	03/19/12 15:02	03/20/12 13:20	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*X*	*62 - 137*	*03/19/12 15:02*	*03/20/12 13:20*	*50*
Tetrachloro-m-xylene	*0*	*X*	*30 - 124*	*03/19/12 15:02*	*03/20/12 13:20*	*50*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		240	48	ug/Kg	☼	03/16/12 17:29	03/18/12 12:43	1
PCB-1221	ND		240	48	ug/Kg	☼	03/16/12 17:29	03/18/12 12:43	1
PCB-1232	ND		240	48	ug/Kg	☼	03/16/12 17:29	03/18/12 12:43	1
PCB-1242	ND		240	48	ug/Kg	☼	03/16/12 17:29	03/18/12 12:43	1
PCB-1248	ND		240	48	ug/Kg	☼	03/16/12 17:29	03/18/12 12:43	1
PCB-1254	ND		240	110	ug/Kg	☼	03/16/12 17:29	03/18/12 12:43	1
PCB-1260	ND		240	110	ug/Kg	☼	03/16/12 17:29	03/18/12 12:43	1

Client Sample Results

Client: Titan Wrecking and Environmental
Project/Site: Dunkirk Speciality Steel

TestAmerica Job ID: 480-16891-2

Client Sample ID: 001
Date Collected: 03/06/12 14:30
Date Received: 03/06/12 16:20

Lab Sample ID: 480-16891-1
Matrix: Solid
Percent Solids: 96.9

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*141*		*36 - 182*	*03/16/12 17:29*	*03/18/12 12:43*	*1*
Tetrachloro-m-xylene	*123*		*24 - 172*	*03/16/12 17:29*	*03/18/12 12:43*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		17	6.1	ug/Kg	☼	03/19/12 15:05	03/21/12 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*74*		*39 - 120*	*03/19/12 15:05*	*03/21/12 12:04*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**10.6**		2.1	0.42	mg/Kg	☼	03/16/12 12:30	03/16/12 22:01	1
Barium	**120**		0.52	0.11	mg/Kg	☼	03/16/12 12:30	03/16/12 22:01	1
Beryllium	**0.49**		0.21	0.029	mg/Kg	☼	03/16/12 12:30	03/16/12 22:01	1
Cadmium	**0.44**		0.21	0.031	mg/Kg	☼	03/16/12 12:30	03/16/12 22:01	1
Copper	**47.5**		1.0	0.22	mg/Kg	☼	03/16/12 12:30	03/16/12 22:01	1
Lead	**294**		1.0	0.25	mg/Kg	☼	03/16/12 12:30	03/16/12 22:01	1
Manganese	**424**	**B7 B**	0.21	0.033	mg/Kg	☼	03/16/12 12:30	03/16/12 22:01	1
Nickel	**42.5**	**B**	5.2	0.24	mg/Kg	☼	03/16/12 12:30	03/16/12 22:01	1
Selenium	**0.80**	**J**	4.2	0.59	mg/Kg	☼	03/16/12 12:30	03/16/12 22:01	1
Silver	ND		0.52	0.21	mg/Kg	☼	03/16/12 12:30	03/16/12 22:01	1
Zinc	**155**	**B**	2.1	0.16	mg/Kg	☼	03/16/12 12:30	03/16/12 22:01	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	**0.21**		0.022	0.0088	mg/Kg	☼	03/19/12 08:45	03/19/12 12:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexavalent chromium	ND		2.1	0.79	mg/Kg	☼	03/20/12 08:40	03/20/12 16:05	1
Trivalent Chromium	**78.5**		2.0	0.75	mg/Kg			03/23/12 15:04	1
Cyanide, Total	ND		0.76	0.37	mg/Kg	☼	03/17/12 13:10	03/17/12 15:52	1

Surrogate Summary

Client: Titan Wrecking and Environmental
Project/Site: Dunkirk Speciality Steel

TestAmerica Job ID: 480-16891-2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(64-126)	(72-126)	(71-125)
480-16891-1	001	112	101	106
LCS 480-55784/1-A	Lab Control Sample	101	99	104
MB 480-55784/2-A	Method Blank	96	96	106

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(39-146)	(37-120)	(18-120)	(34-132)	(11-120)	(65-153)
480-16891-1	001	75	85	70	70	77	99
LCS 480-55636/2-A	Lab Control Sample	115	96	79	87	88	115
LCSD 480-55636/3-A	Lab Control Sample Dup	112	95	76	85	83	116
MB 480-55636/1-A	Method Blank	99	72	57	60	62	116

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = p-Terphenyl-d14

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB1	TCX1
Lab Sample ID	Client Sample ID	(62-137)	(30-124)
480-16891-1	001	0 X	0 X
LCS 480-55840/2-A	Lab Control Sample	90	64
LCSD 480-55840/3-A	Lab Control Sample Dup	98	66
MB 480-55840/1-A	Method Blank	95	73

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB2	TCX2
Lab Sample ID	Client Sample ID	(36-182)	(24-172)
480-16891-1	001	141	123
LCS 480-55631/2-A	Lab Control Sample	148	165
LCSD 480-55631/3-A	Lab Control Sample Dup	140	148

Surrogate Summary

Client: Titan Wrecking and Environmental
Project/Site: Dunkirk Speciality Steel

TestAmerica Job ID: 480-16891-2

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	DCB2 (36-182)	TCX2 (24-172)								
MB 480-55631/1-A	Method Blank	127	143								

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8151A - Herbicides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	DCPA1 (39-120)									
480-16891-1	001	74									
LCS 480-55844/2-A	Lab Control Sample	85									
LCSD 480-55844/3-A	Lab Control Sample Dup	84									
MB 480-55844/1-A	Method Blank	76									

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-55784/2-A
Matrix: Solid
Analysis Batch: 55747

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 55784

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
1,2,4-Trimethylbenzene	ND		5.0	0.96	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
1,3,5-Trimethylbenzene	ND		5.0	0.32	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
1,4-Dioxane	ND		200	24	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
Acetone	ND		25	4.2	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
Benzene	ND		5.0	0.25	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
Butylbenzene	ND		5.0	0.44	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
Chloroform	ND		5.0	0.31	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
Methyl Ethyl Ketone	ND		25	1.8	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
Propylbenzene, n-	ND		5.0	0.40	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
sec-Butylbenzene	ND		5.0	0.44	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
tert-Butylbenzene	ND		5.0	0.52	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
Toluene	ND		5.0	0.38	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
Trichloroethene	ND		5.0	1.1	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		03/19/12 11:15	03/19/12 13:08	1
Xylenes, Total	ND		10	0.84	ug/Kg		03/19/12 11:15	03/19/12 13:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*64 - 126*	*03/19/12 11:15*	*03/19/12 13:08*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 126*	*03/19/12 11:15*	*03/19/12 13:08*	*1*
Toluene-d8 (Surr)	*106*		*71 - 125*	*03/19/12 11:15*	*03/19/12 13:08*	*1*

Lab Sample ID: LCS 480-55784/1-A
Matrix: Solid
Analysis Batch: 55747

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 55784

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	50.0	45.0		ug/Kg		90	79 - 126
1,1-Dichloroethene	50.0	40.2		ug/Kg		80	65 - 153
1,2,4-Trimethylbenzene	50.0	46.6		ug/Kg		93	74 - 120
1,2-Dichlorobenzene	50.0	46.4		ug/Kg		93	75 - 120
1,2-Dichloroethane	50.0	46.5		ug/Kg		93	77 - 122
Benzene	50.0	46.2		ug/Kg		92	79 - 127
Chlorobenzene	50.0	47.3		ug/Kg		95	76 - 124

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-55784/1-A
Matrix: Solid
Analysis Batch: 55747

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 55784

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	50.0	44.5		ug/Kg		89	81 - 117
Ethylbenzene	50.0	47.3		ug/Kg		95	80 - 120
Methyl tert-butyl ether	50.0	41.3		ug/Kg		83	63 - 125
Tetrachloroethene	50.0	48.1		ug/Kg		96	74 - 122
Toluene	50.0	47.2		ug/Kg		94	74 - 128
trans-1,2-Dichloroethene	50.0	47.3		ug/Kg		95	78 - 126
Trichloroethene	50.0	45.8		ug/Kg		92	77 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*
4-Bromofluorobenzene (Surr)	*99*		*72 - 126*
Toluene-d8 (Surr)	*104*		*71 - 125*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-55636/1-A
Matrix: Solid
Analysis Batch: 55781

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 55636

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		170	2.0	ug/Kg		03/16/12 18:09	03/19/12 12:09	1
Acenaphthylene	ND		170	1.4	ug/Kg		03/16/12 18:09	03/19/12 12:09	1
Anthracene	ND		170	4.3	ug/Kg		03/16/12 18:09	03/19/12 12:09	1
Benzo(a)anthracene	ND		170	2.9	ug/Kg		03/16/12 18:09	03/19/12 12:09	1
Benzo(a)pyrene	ND		170	4.1	ug/Kg		03/16/12 18:09	03/19/12 12:09	1
Benzo(b)fluoranthene	ND		170	3.3	ug/Kg		03/16/12 18:09	03/19/12 12:09	1
Benzo(g,h,i)perylene	ND		170	2.0	ug/Kg		03/16/12 18:09	03/19/12 12:09	1
Benzo(k)fluoranthene	ND		170	1.9	ug/Kg		03/16/12 18:09	03/19/12 12:09	1
Chrysene	ND		170	1.7	ug/Kg		03/16/12 18:09	03/19/12 12:09	1
Dibenz(a,h)anthracene	ND		170	2.0	ug/Kg		03/16/12 18:09	03/19/12 12:09	1
Dibenzofuran	ND		170	1.7	ug/Kg		03/16/12 18:09	03/19/12 12:09	1
Fluoranthene	ND		170	2.4	ug/Kg		03/16/12 18:09	03/19/12 12:09	1
Fluorene	ND		170	3.9	ug/Kg		03/16/12 18:09	03/19/12 12:09	1
Hexachlorobenzene	ND		170	8.4	ug/Kg		03/16/12 18:09	03/19/12 12:09	1
Indeno(1,2,3-cd)pyrene	ND		170	4.7	ug/Kg		03/16/12 18:09	03/19/12 12:09	1
m-Cresol	ND		330	9.4	ug/Kg		03/16/12 18:09	03/19/12 12:09	1
Naphthalene	ND		170	2.8	ug/Kg		03/16/12 18:09	03/19/12 12:09	1
o-Cresol	ND		170	5.2	ug/Kg		03/16/12 18:09	03/19/12 12:09	1
p-Cresol	ND		330	9.4	ug/Kg		03/16/12 18:09	03/19/12 12:09	1
Pentachlorophenol	ND		330	58	ug/Kg		03/16/12 18:09	03/19/12 12:09	1
Phenanthrene	ND		170	3.5	ug/Kg		03/16/12 18:09	03/19/12 12:09	1
Phenol	ND		170	18	ug/Kg		03/16/12 18:09	03/19/12 12:09	1
Pyrene	ND		170	1.1	ug/Kg		03/16/12 18:09	03/19/12 12:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*99*		*39 - 146*	*03/16/12 18:09*	*03/19/12 12:09*	*1*
2-Fluorobiphenyl	*72*		*37 - 120*	*03/16/12 18:09*	*03/19/12 12:09*	*1*
2-Fluorophenol	*57*		*18 - 120*	*03/16/12 18:09*	*03/19/12 12:09*	*1*
Nitrobenzene-d5	*60*		*34 - 132*	*03/16/12 18:09*	*03/19/12 12:09*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-55636/1-A
Matrix: Solid
Analysis Batch: 55781

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 55636

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5	62		11 - 120	03/16/12 18:09	03/19/12 12:09	1
p-Terphenyl-d14	116		65 - 153	03/16/12 18:09	03/19/12 12:09	1

Lab Sample ID: LCS 480-55636/2-A
Matrix: Solid
Analysis Batch: 55781

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 55636

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	3300	3380		ug/Kg		102	53 - 120
Fluorene	3300	3670		ug/Kg		111	63 - 126
Pentachlorophenol	3300	3560		ug/Kg		108	33 - 136
Phenol	3300	2950		ug/Kg		89	36 - 120
Pyrene	3300	3520		ug/Kg		107	51 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	115		39 - 146
2-Fluorobiphenyl	96		37 - 120
2-Fluorophenol	79		18 - 120
Nitrobenzene-d5	87		34 - 132
Phenol-d5	88		11 - 120
p-Terphenyl-d14	115		65 - 153

Lab Sample ID: LCSD 480-55636/3-A
Matrix: Solid
Analysis Batch: 55781

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 55636

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	3290	3320		ug/Kg		101	53 - 120	2	35
Fluorene	3290	3470		ug/Kg		105	63 - 126	6	15
Pentachlorophenol	3290	3450		ug/Kg		105	33 - 136	3	35
Phenol	3290	2800		ug/Kg		85	36 - 120	5	35
Pyrene	3290	3510		ug/Kg		107	51 - 133	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol	112		39 - 146
2-Fluorobiphenyl	95		37 - 120
2-Fluorophenol	76		18 - 120
Nitrobenzene-d5	85		34 - 132
Phenol-d5	83		11 - 120
p-Terphenyl-d14	116		65 - 153

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-55840/1-A
Matrix: Solid
Analysis Batch: 55940

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 55840

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		1.7	0.32	ug/Kg		03/19/12 15:02	03/20/12 10:33	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 480-55840/1-A
Matrix: Solid
Analysis Batch: 55940

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 55840

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDE	ND		1.7	0.25	ug/Kg		03/19/12 15:02	03/20/12 10:33	1
4,4'-DDT	ND		1.7	0.17	ug/Kg		03/19/12 15:02	03/20/12 10:33	1
Aldrin	ND		1.7	0.41	ug/Kg		03/19/12 15:02	03/20/12 10:33	1
alpha-BHC	ND		1.7	0.30	ug/Kg		03/19/12 15:02	03/20/12 10:33	1
alpha-Chlordane	ND		1.7	0.83	ug/Kg		03/19/12 15:02	03/20/12 10:33	1
beta-BHC	ND		1.7	0.18	ug/Kg		03/19/12 15:02	03/20/12 10:33	1
delta-BHC	ND		1.7	0.22	ug/Kg		03/19/12 15:02	03/20/12 10:33	1
Dieldrin	ND		1.7	0.40	ug/Kg		03/19/12 15:02	03/20/12 10:33	1
Endosulfan I	ND		1.7	0.21	ug/Kg		03/19/12 15:02	03/20/12 10:33	1
Endosulfan II	ND		1.7	0.30	ug/Kg		03/19/12 15:02	03/20/12 10:33	1
Endosulfan sulfate	ND		1.7	0.31	ug/Kg		03/19/12 15:02	03/20/12 10:33	1
Endrin	ND		1.7	0.23	ug/Kg		03/19/12 15:02	03/20/12 10:33	1
Heptachlor	ND		1.7	0.26	ug/Kg		03/19/12 15:02	03/20/12 10:33	1
Lindane	ND		1.7	1.2	ug/Kg		03/19/12 15:02	03/20/12 10:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*95*		*62 - 137*	*03/19/12 15:02*	*03/20/12 10:33*	*1*
Tetrachloro-m-xylene	*73*		*30 - 124*	*03/19/12 15:02*	*03/20/12 10:33*	*1*

Lab Sample ID: LCS 480-55840/2-A
Matrix: Solid
Analysis Batch: 55940

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 55840

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	16.5	15.3		ug/Kg		93	45 - 129
4,4'-DDE	16.5	13.1		ug/Kg		80	49 - 120
4,4'-DDT	16.5	11.9		ug/Kg		72	47 - 145
Aldrin	16.5	11.5		ug/Kg		70	35 - 120
alpha-BHC	16.5	10.7		ug/Kg		65	49 - 120
alpha-Chlordane	16.5	7.35		ug/Kg		45	44 - 127
beta-BHC	16.5	12.2		ug/Kg		74	58 - 123
delta-BHC	16.5	11.8		ug/Kg		72	45 - 123
Dieldrin	16.5	13.5		ug/Kg		82	53 - 128
Endosulfan I	16.5	10.6		ug/Kg		64	29 - 125
Endosulfan II	16.5	13.9		ug/Kg		84	56 - 127
Endosulfan sulfate	16.5	14.4		ug/Kg		87	53 - 135
Endrin	16.5	14.4		ug/Kg		88	58 - 129
Heptachlor	16.5	12.1		ug/Kg		73	49 - 122
Lindane	16.5	11.4		ug/Kg		69	50 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*90*		*62 - 137*
Tetrachloro-m-xylene	*64*		*30 - 124*

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 480-55840/3-A
Matrix: Solid
Analysis Batch: 55940

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 55840

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	16.5	13.6		ug/Kg		83	45 - 129	12	18
4,4'-DDE	16.5	13.2		ug/Kg		80	49 - 120	1	16
4,4'-DDT	16.5	12.7		ug/Kg		77	47 - 145	6	17
Aldrin	16.5	11.0		ug/Kg		67	35 - 120	4	24
alpha-BHC	16.5	10.6		ug/Kg		64	49 - 120	2	19
alpha-Chlordane	16.5	8.27		ug/Kg		50	44 - 127	12	13
beta-BHC	16.5	11.6		ug/Kg		71	58 - 123	4	17
delta-BHC	16.5	11.2		ug/Kg		68	45 - 123	5	14
Dieldrin	16.5	13.0		ug/Kg		79	53 - 128	4	13
Endosulfan I	16.5	11.3		ug/Kg		69	29 - 125	7	16
Endosulfan II	16.5	13.1		ug/Kg		79	56 - 127	6	17
Endosulfan sulfate	16.5	15.3		ug/Kg		93	53 - 135	6	14
Endrin	16.5	14.0		ug/Kg		85	58 - 129	3	19
Heptachlor	16.5	11.5		ug/Kg		70	49 - 122	5	16
Lindane	16.5	10.9		ug/Kg		66	50 - 120	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*98*		*62 - 137*
Tetrachloro-m-xylene	*66*		*30 - 124*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-55631/1-A
Matrix: Solid
Analysis Batch: 55710

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 55631

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		240	47	ug/Kg		03/16/12 17:29	03/18/12 10:04	1
PCB-1221	ND		240	47	ug/Kg		03/16/12 17:29	03/18/12 10:04	1
PCB-1232	ND		240	47	ug/Kg		03/16/12 17:29	03/18/12 10:04	1
PCB-1242	ND		240	47	ug/Kg		03/16/12 17:29	03/18/12 10:04	1
PCB-1248	ND		240	47	ug/Kg		03/16/12 17:29	03/18/12 10:04	1
PCB-1254	ND		240	110	ug/Kg		03/16/12 17:29	03/18/12 10:04	1
PCB-1260	ND		240	110	ug/Kg		03/16/12 17:29	03/18/12 10:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*127*		*36 - 182*	*03/16/12 17:29*	*03/18/12 10:04*	*1*
Tetrachloro-m-xylene	*143*		*24 - 172*	*03/16/12 17:29*	*03/18/12 10:04*	*1*

Lab Sample ID: LCS 480-55631/2-A
Matrix: Solid
Analysis Batch: 55710

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 55631

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	2340	3190		ug/Kg		136	51 - 185
PCB-1260	2340	3090		ug/Kg		132	61 - 184

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 480-55631/2-A
Matrix: Solid
Analysis Batch: 55710

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 55631

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	148		36 - 182
Tetrachloro-m-xylene	165		24 - 172

Lab Sample ID: LCSD 480-55631/3-A
Matrix: Solid
Analysis Batch: 55710

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 55631

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			2260	2450		ug/Kg		108	51 - 185	26	50
PCB-1260			2260	2750		ug/Kg		122	61 - 184	12	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	140		36 - 182
Tetrachloro-m-xylene	148		24 - 172

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 480-55844/1-A
Matrix: Solid
Analysis Batch: 56103

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 55844

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		16	5.9	ug/Kg		03/19/12 15:05	03/21/12 10:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	76		39 - 120	03/19/12 15:05	03/21/12 10:35	1

Lab Sample ID: LCS 480-55844/2-A
Matrix: Solid
Analysis Batch: 56103

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 55844

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silvex (2,4,5-TP)			65.0	55.3		ug/Kg		85	56 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4-Dichlorophenylacetic acid	85		39 - 120

Lab Sample ID: LCSD 480-55844/3-A
Matrix: Solid
Analysis Batch: 56103

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 55844

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silvex (2,4,5-TP)			66.1	54.3		ug/Kg		82	56 - 130	2	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4-Dichlorophenylacetic acid	84		39 - 120

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 480-55541/1-A
Matrix: Solid
Analysis Batch: 55742

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 55541

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.9	0.37	mg/Kg		03/16/12 12:30	03/16/12 21:15	1
Barium	ND		0.47	0.10	mg/Kg		03/16/12 12:30	03/16/12 21:15	1
Beryllium	ND		0.19	0.026	mg/Kg		03/16/12 12:30	03/16/12 21:15	1
Cadmium	ND		0.19	0.028	mg/Kg		03/16/12 12:30	03/16/12 21:15	1
Copper	ND		0.93	0.20	mg/Kg		03/16/12 12:30	03/16/12 21:15	1
Lead	ND		0.93	0.22	mg/Kg		03/16/12 12:30	03/16/12 21:15	1
Manganese	0.269		0.19	0.030	mg/Kg		03/16/12 12:30	03/16/12 21:15	1
Nickel	0.268	J	4.7	0.21	mg/Kg		03/16/12 12:30	03/16/12 21:15	1
Selenium	ND		3.7	0.53	mg/Kg		03/16/12 12:30	03/16/12 21:15	1
Silver	ND		0.47	0.19	mg/Kg		03/16/12 12:30	03/16/12 21:15	1

Lab Sample ID: MB 480-55541/1-A
Matrix: Solid
Analysis Batch: 55926

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 55541

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.163	J	1.9	0.14	mg/Kg		03/16/12 12:30	03/19/12 14:37	1

Lab Sample ID: LCSSRM 480-55541/2-A
Matrix: Solid
Analysis Batch: 55742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 55541

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	109	106.8		mg/Kg		98	70 - 134
Barium	206	190.2		mg/Kg		92	73 - 127
Beryllium	88.1	81.69		mg/Kg		93	74 - 126
Cadmium	80.1	80.84		mg/Kg		101	73 - 127
Copper	117	110.1		mg/Kg		94	75 - 125
Lead	76.1	75.07		mg/Kg		99	69 - 131
Manganese	349	318.0		mg/Kg		91	75 - 125
Nickel	71.1	70.30		mg/Kg		99	71 - 129
Selenium	127	126.7		mg/Kg		100	67 - 134
Silver	40.9	38.92		mg/Kg		95	66 - 134

Lab Sample ID: LCSSRM 480-55541/2-A
Matrix: Solid
Analysis Batch: 55926

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 55541

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	280	271.3		mg/Kg		97	71 - 129

Lab Sample ID: 480-16891-1 MS
Matrix: Solid
Analysis Batch: 55742

Client Sample ID: 001
Prep Type: Total/NA
Prep Batch: 55541

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	10.6		41.9	48.81		mg/Kg	☼	91	75 - 125
Barium	120		41.9	139.6	F	mg/Kg	☼	47	75 - 125
Beryllium	0.49		41.9	38.99		mg/Kg	☼	92	75 - 125
Cadmium	0.44		41.9	41.53		mg/Kg	☼	98	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 480-16891-1 MS — **Client Sample ID: 001**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 55742 — **Prep Batch: 55541**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Copper	47.5		41.9	73.45	F	mg/Kg	☼	62	75 - 125
Lead	294		41.9	215.7	4	mg/Kg	☼	-187	75 - 125
Manganese	424	B7 B	41.9	747.5	4	mg/Kg	☼	773	75 - 125
Nickel	42.5	B	41.9	67.82	F	mg/Kg	☼	60	75 - 125
Selenium	0.80	J	41.9	38.95		mg/Kg	☼	91	75 - 125
Silver	ND		10.5	10.19		mg/Kg	☼	97	75 - 125
Zinc	155	B	41.9	168.7	F	mg/Kg	☼	32	75 - 125

Lab Sample ID: 480-16891-1 MSD — **Client Sample ID: 001**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 55742 — **Prep Batch: 55541**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	10.6		37.9	43.45		mg/Kg	☼	87	75 - 125	12	20
Barium	120		37.9	106.5	F	mg/Kg	☼	-36	75 - 125	27	20
Beryllium	0.49		37.9	34.91		mg/Kg	☼	91	75 - 125	11	20
Cadmium	0.44		37.9	37.00		mg/Kg	☼	96	75 - 125	12	20
Copper	47.5		37.9	63.61	F	mg/Kg	☼	42	75 - 125	14	20
Lead	294		37.9	173.5	4 F	mg/Kg	☼	-318	75 - 125	22	20
Manganese	424	B7 B	37.9	351.2	4 F	mg/Kg	☼	-191	75 - 125	72	20
Nickel	42.5	B	37.9	65.68	F	mg/Kg	☼	61	75 - 125	3	20
Selenium	0.80	J	37.9	35.86		mg/Kg	☼	92	75 - 125	8	20
Silver	ND		9.48	8.98		mg/Kg	☼	95	75 - 125	13	20
Zinc	155	B	37.9	183.0	4	mg/Kg	☼	73	75 - 125	8	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 480-55538/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 55804 — **Prep Batch: 55538**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		0.019	0.0078	mg/Kg		03/19/12 08:45	03/19/12 11:38	1

Lab Sample ID: LCSSRM 480-55538/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 55804 — **Prep Batch: 55538**

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Hg	3.71	3.66		mg/Kg		99	51 - 149

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 460-106381/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 106420 — **Prep Batch: 106381**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexavalent chromium	ND		2.0	0.75	mg/Kg		03/20/12 08:40	03/20/12 14:32	1

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCSI 460-106381/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 106420 — **Prep Batch: 106381**

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec. Limits
Hexavalent chromium	708	653.0		mg/Kg		92	80 - 120

Lab Sample ID: LCSS 460-106381/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 106420 — **Prep Batch: 106381**

Analyte	Spike Added	LCSS Result	LCSS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexavalent chromium	13.0	12.23		mg/Kg		94	85 - 115

Method: 9012A - Cyanide, Total and/or Amenable

Lab Sample ID: MB 480-55696/2-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 55694 — **Prep Batch: 55696**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.74	0.36	mg/Kg		03/17/12 13:10	03/17/12 15:51	1

Lab Sample ID: LCS 480-55696/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 55694 — **Prep Batch: 55696**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	44.0	37.49		mg/Kg		85	29 - 122

Lab Sample ID: 480-16891-1 MS — **Client Sample ID: 001**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 55694 — **Prep Batch: 55696**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	ND		8.53	8.15		mg/Kg	☼	96	85 - 115

Lab Sample ID: 480-16891-1 DU — **Client Sample ID: 001**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 55694 — **Prep Batch: 55696**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Total	ND		ND		mg/Kg	☼	NC	15

GC/MS VOA

Analysis Batch: 55747

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16891-1	001	Total/NA	Solid	8260B	55784
LCS 480-55784/1-A	Lab Control Sample	Total/NA	Solid	8260B	55784
MB 480-55784/2-A	Method Blank	Total/NA	Solid	8260B	55784

Prep Batch: 55784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16891-1	001	Total/NA	Solid	5035	
LCS 480-55784/1-A	Lab Control Sample	Total/NA	Solid	5035	
MB 480-55784/2-A	Method Blank	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 55636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16891-1	001	Total/NA	Solid	3550B	
LCS 480-55636/2-A	Lab Control Sample	Total/NA	Solid	3550B	
LCSD 480-55636/3-A	Lab Control Sample Dup	Total/NA	Solid	3550B	
MB 480-55636/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 55781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16891-1	001	Total/NA	Solid	8270C	55636
LCS 480-55636/2-A	Lab Control Sample	Total/NA	Solid	8270C	55636
LCSD 480-55636/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	55636
MB 480-55636/1-A	Method Blank	Total/NA	Solid	8270C	55636

GC Semi VOA

Prep Batch: 55631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16891-1	001	Total/NA	Solid	3550B	
LCS 480-55631/2-A	Lab Control Sample	Total/NA	Solid	3550B	
LCSD 480-55631/3-A	Lab Control Sample Dup	Total/NA	Solid	3550B	
MB 480-55631/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 55710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16891-1	001	Total/NA	Solid	8082	55631
LCS 480-55631/2-A	Lab Control Sample	Total/NA	Solid	8082	55631
LCSD 480-55631/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	55631
MB 480-55631/1-A	Method Blank	Total/NA	Solid	8082	55631

Prep Batch: 55840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16891-1	001	Total/NA	Solid	3550B	
LCS 480-55840/2-A	Lab Control Sample	Total/NA	Solid	3550B	
LCSD 480-55840/3-A	Lab Control Sample Dup	Total/NA	Solid	3550B	
MB 480-55840/1-A	Method Blank	Total/NA	Solid	3550B	

Prep Batch: 55844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16891-1	001	Total/NA	Solid	8151A	

GC Semi VOA (Continued)

Prep Batch: 55844 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-55844/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 480-55844/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	
MB 480-55844/1-A	Method Blank	Total/NA	Solid	8151A	

Analysis Batch: 55940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16891-1	001	Total/NA	Solid	8081A	55840
LCS 480-55840/2-A	Lab Control Sample	Total/NA	Solid	8081A	55840
LCSD 480-55840/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	55840
MB 480-55840/1-A	Method Blank	Total/NA	Solid	8081A	55840

Analysis Batch: 56103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16891-1	001	Total/NA	Solid	8151A	55844
LCS 480-55844/2-A	Lab Control Sample	Total/NA	Solid	8151A	55844
LCSD 480-55844/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	55844
MB 480-55844/1-A	Method Blank	Total/NA	Solid	8151A	55844

Metals

Prep Batch: 55538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16891-1	001	Total/NA	Solid	7471A	
LCSSRM 480-55538/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 480-55538/1-A	Method Blank	Total/NA	Solid	7471A	

Prep Batch: 55541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16891-1	001	Total/NA	Solid	3050B	
480-16891-1 MS	001	Total/NA	Solid	3050B	
480-16891-1 MSD	001	Total/NA	Solid	3050B	
LCSSRM 480-55541/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 480-55541/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 55742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16891-1	001	Total/NA	Solid	6010B	55541
480-16891-1 MS	001	Total/NA	Solid	6010B	55541
480-16891-1 MSD	001	Total/NA	Solid	6010B	55541
LCSSRM 480-55541/2-A	Lab Control Sample	Total/NA	Solid	6010B	55541
MB 480-55541/1-A	Method Blank	Total/NA	Solid	6010B	55541

Analysis Batch: 55804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16891-1	001	Total/NA	Solid	7471A	55538
LCSSRM 480-55538/2-A	Lab Control Sample	Total/NA	Solid	7471A	55538
MB 480-55538/1-A	Method Blank	Total/NA	Solid	7471A	55538

Analysis Batch: 55926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSSRM 480-55541/2-A	Lab Control Sample	Total/NA	Solid	6010B	55541
MB 480-55541/1-A	Method Blank	Total/NA	Solid	6010B	55541

QC Association Summary

Client: Titan Wrecking and Environmental
Project/Site: Dunkirk Speciality Steel

TestAmerica Job ID: 480-16891-2

General Chemistry

Analysis Batch: 55694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16891-1	001	Total/NA	Solid	9012A	55696
480-16891-1 DU	001	Total/NA	Solid	9012A	55696
480-16891-1 MS	001	Total/NA	Solid	9012A	55696
LCS 480-55696/1-A	Lab Control Sample	Total/NA	Solid	9012A	55696
MB 480-55696/2-A	Method Blank	Total/NA	Solid	9012A	55696

Prep Batch: 55696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16891-1	001	Total/NA	Solid	9012A	
480-16891-1 DU	001	Total/NA	Solid	9012A	
480-16891-1 MS	001	Total/NA	Solid	9012A	
LCS 480-55696/1-A	Lab Control Sample	Total/NA	Solid	9012A	
MB 480-55696/2-A	Method Blank	Total/NA	Solid	9012A	

Prep Batch: 106381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16891-1	001	Total/NA	Solid	3060A	
LCSI 460-106381/3-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSS 460-106381/2-A	Lab Control Sample	Total/NA	Solid	3060A	
MB 460-106381/1-A	Method Blank	Total/NA	Solid	3060A	

Analysis Batch: 106420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16891-1	001	Total/NA	Solid	7196A	106381
LCSI 460-106381/3-A	Lab Control Sample	Total/NA	Solid	7196A	106381
LCSS 460-106381/2-A	Lab Control Sample	Total/NA	Solid	7196A	106381
MB 460-106381/1-A	Method Blank	Total/NA	Solid	7196A	106381

Analysis Batch: 106866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-16891-1	001	Total/NA	Solid	7196A	

Lab Chronicle

Client: Titan Wrecking and Environmental
Project/Site: Dunkirk Speciality Steel

TestAmerica Job ID: 480-16891-2

Client Sample ID: 001
Date Collected: 03/06/12 14:30
Date Received: 03/06/12 16:20

Lab Sample ID: 480-16891-1
Matrix: Solid
Percent Solids: 96.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			55784	03/19/12 11:15	JMB	TAL BUF
Total/NA	Analysis	8260B		1	55747	03/19/12 16:01	JMB	TAL BUF
Total/NA	Prep	3550B			55636	03/16/12 18:09	KB	TAL BUF
Total/NA	Analysis	8270C		10	55781	03/19/12 13:19	RMM	TAL BUF
Total/NA	Prep	3550B			55631	03/16/12 17:29	KB	TAL BUF
Total/NA	Analysis	8082		1	55710	03/18/12 12:43	JM	TAL BUF
Total/NA	Prep	3550B			55840	03/19/12 15:02	DE	TAL BUF
Total/NA	Analysis	8081A		50	55940	03/20/12 13:20	LW	TAL BUF
Total/NA	Prep	8151A			55844	03/19/12 15:05	DE	TAL BUF
Total/NA	Analysis	8151A		1	56103	03/21/12 12:04	MN	TAL BUF
Total/NA	Prep	3050B			55541	03/16/12 12:30	SS	TAL BUF
Total/NA	Analysis	6010B		1	55742	03/16/12 22:01	LH	TAL BUF
Total/NA	Prep	7471A			55538	03/19/12 08:45	JM	TAL BUF
Total/NA	Analysis	7471A		1	55804	03/19/12 12:04	JM	TAL BUF
Total/NA	Prep	3060A			106381	03/20/12 08:40	RK	TAL EDI
Total/NA	Analysis	7196A		1	106420	03/20/12 16:05	RK	TAL EDI
Total/NA	Analysis	7196A		1	106866	03/23/12 15:04	JP	TAL EDI
Total/NA	Prep	9012A			55696	03/17/12 13:10	JR	TAL BUF
Total/NA	Analysis	9012A		1	55694	03/17/12 15:52	JR	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Certification Summary

Client: Titan Wrecking and Environmental
Project/Site: Dunkirk Speciality Steel

TestAmerica Job ID: 480-16891-2

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo	Arkansas DEQ	State Program	6	88-0686
TestAmerica Buffalo	California	NELAC	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Florida	NELAC	4	E87672
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Georgia	State Program	4	N/A
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	State Program	4	90029
TestAmerica Buffalo	Kentucky (UST)	State Program	4	30
TestAmerica Buffalo	Louisiana	NELAC	6	02031
TestAmerica Buffalo	Maine	State Program	1	NY0044
TestAmerica Buffalo	Maryland	State Program	3	294
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044
TestAmerica Buffalo	Michigan	State Program	5	9937
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
TestAmerica Buffalo	New Hampshire	NELAC	1	68-00281
TestAmerica Buffalo	New Jersey	NELAC	2	NY455
TestAmerica Buffalo	New York	NELAC	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX
TestAmerica Buffalo	USDA	Federal		P330-08-00242
TestAmerica Buffalo	Virginia	NELAC Secondary AB	3	460185
TestAmerica Buffalo	Virginia	State Program	3	278
TestAmerica Buffalo	Washington	State Program	10	C1677
TestAmerica Buffalo	West Virginia DEP	State Program	3	252
TestAmerica Buffalo	Wisconsin	State Program	5	998310390
TestAmerica Edison	Connecticut	State Program	1	PH-0200
TestAmerica Edison	DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	N/A
TestAmerica Edison	New Jersey	NELAC	2	12028
TestAmerica Edison	New York	NELAC	2	11452
TestAmerica Edison	Pennsylvania	NELAC	3	68-00522
TestAmerica Edison	Rhode Island	State Program	1	LAO00132
TestAmerica Edison	USDA	Federal		NJCA-003-08

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

Method Summary

Client: Titan Wrecking and Environmental
Project/Site: Dunkirk Speciality Steel

TestAmerica Job ID: 480-16891-2

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8081A	Organochlorine Pesticides (GC)	SW846	TAL BUF
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
8151A	Herbicides (GC)	SW846	TAL BUF
6010B	Metals (ICP)	SW846	TAL BUF
7471A	Mercury (CVAA)	SW846	TAL BUF
7196A	Chromium, Hexavalent	SW846	TAL EDI
7196A	Chromium, Trivalent (Colorimetric)	SW846	TAL EDI
9012A	Cyanide, Total and/or Amenable	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Titan Wrecking and Environmental
Project/Site: Dunkirk Speciality Steel

TestAmerica Job ID: 480-16891-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-16891-1	001	Solid	03/06/12 14:30	03/06/12 16:20

Login Sample Receipt Checklist

Client: Titan Wrecking and Environmental

Job Number: 480-16891-2

Login Number: 16891

List Source: TestAmerica Buffalo

List Number: 1

Creator: Robitaille, Zach L

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	17.6 #2 no ice
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	dunkirk specialty steel
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Titan Wrecking and Environmental

Job Number: 480-16891-2

Login Number: 16891
List Number: 1
Creator: Villadarez, Gerson Timothy S

List Source: TestAmerica Edison
List Creation: 03/19/12 10:53 AM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	792505
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.0°C IR#50
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-17991-1
Client Project/Site: Dunkirk Speciality Steel

For:
Titan Wrecking and Environmental
153 Wales Avenue
Tonawanda, New York 14150

Attn: Sean Reed

Melissa Deyo

Authorized for release by:
4/12/2012 2:18:15 PM

Melissa Deyo
Project Manager I
melissa.deyo@testamericainc.com

Table of Contents

Client: Titan Wrecking and Environmental
Project/Site: Dunkirk Speciality Steel

TestAmerica Job ID: 480-17991-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	RPD of the MS and MSD exceeds the control limits

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job ID: 480-17991-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-17991-1

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
No analytical or quality issues were noted.

GC Semi VOA
Method 8081A: The following samples were diluted due to the nature of the sample matrix: SAMPLE 2 DSS (480-17991-1), (480-17991-1 MS) and (480-17991-1 MSD). Elevated reporting limits (RLs) are provided.

Method 8081A: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 58426 was outside control limits.

No other analytical or quality issues were noted.

Metals
Method 6010B: The method blank for preparation batch 58048 contained Manganese above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of sample was not performed.

No other analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Organic Prep
Method 3550B: The following samples required a Florisil clean-up, via method 3620C, to reduce matrix interferences prior to analysis by method 8081A: SAMPLE 2 DSS (480-17991-1), (480-17991-1 MS) and (480-17991-1 MSD).

No other analytical or quality issues were noted.

Detection Summary

Client: Titan Wrecking and Environmental
Project/Site: Dunkirk Speciality Steel

TestAmerica Job ID: 480-17991-1

Client Sample ID: SAMPLE 2 DSS

Lab Sample ID: 480-17991-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	27	J	200	5.1	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)anthracene	120	J	200	3.5	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)pyrene	140	J	200	4.8	ug/Kg	1	☼	8270C	Total/NA
Benzo(b)fluoranthene	150	J	200	3.9	ug/Kg	1	☼	8270C	Total/NA
Benzo(g,h,i)perylene	98	J	200	2.4	ug/Kg	1	☼	8270C	Total/NA
Benzo(k)fluoranthene	90	J	200	2.2	ug/Kg	1	☼	8270C	Total/NA
Chrysene	190	J	200	2.0	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	250		200	2.9	ug/Kg	1	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	77	J	200	5.6	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	130	J	200	4.2	ug/Kg	1	☼	8270C	Total/NA
Pyrene	230		200	1.3	ug/Kg	1	☼	8270C	Total/NA
4,4'-DDT	4.0	J	9.8	1.0	ug/Kg	5	☼	8081A	Total/NA
Arsenic	14.5		2.2	0.44	mg/Kg	1	☼	6010B	Total/NA
Barium	93.0		0.55	0.12	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.62		0.22	0.031	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.23		0.22	0.033	mg/Kg	1	☼	6010B	Total/NA
Copper	31.3		1.1	0.23	mg/Kg	1	☼	6010B	Total/NA
Lead	113		1.1	0.27	mg/Kg	1	☼	6010B	Total/NA
Manganese	363	B	0.22	0.035	mg/Kg	1	☼	6010B	Total/NA
Nickel	27.2		5.5	0.25	mg/Kg	1	☼	6010B	Total/NA
Zinc	91.3		2.2	0.17	mg/Kg	1	☼	6010B	Total/NA
Hg	0.14		0.025	0.010	mg/Kg	1	☼	7471A	Total/NA
Trivalent Chromium	18.3		2.0	0.75	mg/Kg	1		7196A	Total/NA

Client: Titan Wrecking and Environmental
Project/Site: Dunkirk Speciality Steel

TestAmerica Job ID: 480-17991-1

Client Sample ID: SAMPLE 2 DSS
Date Collected: 04/02/12 11:00
Date Received: 04/03/12 12:20

Lab Sample ID: 480-17991-1
Matrix: Solid
Percent Solids: 83.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	0.42	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
1,1-Dichloroethane	ND		5.8	0.71	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
1,1-Dichloroethene	ND		5.8	0.71	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
1,2,4-Trimethylbenzene	ND		5.8	1.1	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
1,2-Dichlorobenzene	ND		5.8	0.46	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
1,2-Dichloroethane	ND		5.8	0.29	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
1,3,5-Trimethylbenzene	ND		5.8	0.38	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
1,3-Dichlorobenzene	ND		5.8	0.30	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
1,4-Dichlorobenzene	ND		5.8	0.82	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
1,4-Dioxane	ND		230	28	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
Acetone	ND		29	4.9	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
Benzene	ND		5.8	0.29	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
Carbon tetrachloride	ND		5.8	0.57	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
Chlorobenzene	ND		5.8	0.77	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
Chloroform	ND		5.8	0.36	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
cis-1,2-Dichloroethene	ND		5.8	0.75	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
Ethylbenzene	ND		5.8	0.40	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
Isopropylbenzene	ND		5.8	0.88	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
Methyl Ethyl Ketone	ND		29	2.1	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
Methyl tert-butyl ether	ND		5.8	0.57	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
Methylene Chloride	ND		5.8	2.7	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
Butylbenzene	ND		5.8	0.51	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
Propylbenzene, n-	ND		5.8	0.47	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
sec-Butylbenzene	ND		5.8	0.51	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
tert-Butylbenzene	ND		5.8	0.61	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
Tetrachloroethene	ND		5.8	0.78	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
Toluene	ND		5.8	0.44	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
trans-1,2-Dichloroethene	ND		5.8	0.60	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
Trichloroethene	ND		5.8	1.3	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
Vinyl chloride	ND		5.8	0.71	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1
Xylenes, Total	ND		12	0.98	ug/Kg	☼	04/04/12 10:42	04/04/12 12:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*64 - 126*	*04/04/12 10:42*	*04/04/12 12:12*	*1*
Toluene-d8 (Surr)	*100*		*71 - 125*	*04/04/12 10:42*	*04/04/12 12:12*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 126*	*04/04/12 10:42*	*04/04/12 12:12*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		200	2.4	ug/Kg	☼	04/05/12 10:44	04/06/12 23:50	1
Acenaphthylene	ND		200	1.6	ug/Kg	☼	04/05/12 10:44	04/06/12 23:50	1
Anthracene	**27**	**J**	200	5.1	ug/Kg	☼	04/05/12 10:44	04/06/12 23:50	1
Benzo(a)anthracene	**120**	**J**	200	3.5	ug/Kg	☼	04/05/12 10:44	04/06/12 23:50	1
Benzo(a)pyrene	**140**	**J**	200	4.8	ug/Kg	☼	04/05/12 10:44	04/06/12 23:50	1
Benzo(b)fluoranthene	**150**	**J**	200	3.9	ug/Kg	☼	04/05/12 10:44	04/06/12 23:50	1
Benzo(g,h,i)perylene	**98**	**J**	200	2.4	ug/Kg	☼	04/05/12 10:44	04/06/12 23:50	1
Benzo(k)fluoranthene	**90**	**J**	200	2.2	ug/Kg	☼	04/05/12 10:44	04/06/12 23:50	1
Chrysene	**190**	**J**	200	2.0	ug/Kg	☼	04/05/12 10:44	04/06/12 23:50	1
Dibenz(a,h)anthracene	ND		200	2.4	ug/Kg	☼	04/05/12 10:44	04/06/12 23:50	1
Dibenzofuran	ND		200	2.1	ug/Kg	☼	04/05/12 10:44	04/06/12 23:50	1
Fluoranthene	**250**		200	2.9	ug/Kg	☼	04/05/12 10:44	04/06/12 23:50	1

Client: Titan Wrecking and Environmental
Project/Site: Dunkirk Speciality Steel

TestAmerica Job ID: 480-17991-1

Client Sample ID: SAMPLE 2 DSS
Date Collected: 04/02/12 11:00
Date Received: 04/03/12 12:20

Lab Sample ID: 480-17991-1
Matrix: Solid
Percent Solids: 83.8

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		200	4.6	ug/Kg	☼	04/05/12 10:44	04/06/12 23:50	1
Hexachlorobenzene	ND		200	10	ug/Kg	☼	04/05/12 10:44	04/06/12 23:50	1
Indeno(1,2,3-cd)pyrene	**77**	**J**	200	5.6	ug/Kg	☼	04/05/12 10:44	04/06/12 23:50	1
m-Cresol	ND	*	390	11	ug/Kg	☼	04/05/12 10:44	04/06/12 23:50	1
Naphthalene	ND		200	3.3	ug/Kg	☼	04/05/12 10:44	04/06/12 23:50	1
o-Cresol	ND		200	6.2	ug/Kg	☼	04/05/12 10:44	04/06/12 23:50	1
p-Cresol	ND		390	11	ug/Kg	☼	04/05/12 10:44	04/06/12 23:50	1
Pentachlorophenol	ND		390	69	ug/Kg	☼	04/05/12 10:44	04/06/12 23:50	1
Phenanthrene	**130**	**J**	200	4.2	ug/Kg	☼	04/05/12 10:44	04/06/12 23:50	1
Phenol	ND		200	21	ug/Kg	☼	04/05/12 10:44	04/06/12 23:50	1
Pyrene	**230**		200	1.3	ug/Kg	☼	04/05/12 10:44	04/06/12 23:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*96*		*39 - 146*	*04/05/12 10:44*	*04/06/12 23:50*	*1*
2-Fluorobiphenyl	*72*		*37 - 120*	*04/05/12 10:44*	*04/06/12 23:50*	*1*
2-Fluorophenol	*61*		*18 - 120*	*04/05/12 10:44*	*04/06/12 23:50*	*1*
Nitrobenzene-d5	*76*		*34 - 132*	*04/05/12 10:44*	*04/06/12 23:50*	*1*
Phenol-d5	*66*		*11 - 120*	*04/05/12 10:44*	*04/06/12 23:50*	*1*
p-Terphenyl-d14	*109*		*65 - 153*	*04/05/12 10:44*	*04/06/12 23:50*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		9.8	1.9	ug/Kg	☼	04/06/12 07:52	04/09/12 16:27	5
4,4'-DDE	ND		9.8	1.5	ug/Kg	☼	04/06/12 07:52	04/09/12 16:27	5
4,4'-DDT	**4.0**	**J**	9.8	1.0	ug/Kg	☼	04/06/12 07:52	04/09/12 16:27	5
Aldrin	ND		9.8	2.4	ug/Kg	☼	04/06/12 07:52	04/09/12 16:27	5
alpha-BHC	ND		9.8	1.8	ug/Kg	☼	04/06/12 07:52	04/09/12 16:27	5
alpha-Chlordane	ND		9.8	4.9	ug/Kg	☼	04/06/12 07:52	04/09/12 16:27	5
beta-BHC	ND		9.8	1.1	ug/Kg	☼	04/06/12 07:52	04/09/12 16:27	5
delta-BHC	ND		9.8	1.3	ug/Kg	☼	04/06/12 07:52	04/09/12 16:27	5
Dieldrin	ND		9.8	2.4	ug/Kg	☼	04/06/12 07:52	04/09/12 16:27	5
Endosulfan I	ND		9.8	1.2	ug/Kg	☼	04/06/12 07:52	04/09/12 16:27	5
Endosulfan II	ND		9.8	1.8	ug/Kg	☼	04/06/12 07:52	04/09/12 16:27	5
Endosulfan sulfate	ND		9.8	1.8	ug/Kg	☼	04/06/12 07:52	04/09/12 16:27	5
Endrin	ND		9.8	1.4	ug/Kg	☼	04/06/12 07:52	04/09/12 16:27	5
Heptachlor	ND		9.8	1.5	ug/Kg	☼	04/06/12 07:52	04/09/12 16:27	5
Lindane	ND		9.8	7.1	ug/Kg	☼	04/06/12 07:52	04/09/12 16:27	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*90*		*62 - 137*	*04/06/12 07:52*	*04/09/12 16:27*	*5*
Tetrachloro-m-xylene	*68*		*30 - 124*	*04/06/12 07:52*	*04/09/12 16:27*	*5*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		250	49	ug/Kg	☼	04/05/12 09:40	04/05/12 18:41	1
PCB-1221	ND		250	49	ug/Kg	☼	04/05/12 09:40	04/05/12 18:41	1
PCB-1232	ND		250	49	ug/Kg	☼	04/05/12 09:40	04/05/12 18:41	1
PCB-1242	ND		250	54	ug/Kg	☼	04/05/12 09:40	04/05/12 18:41	1
PCB-1248	ND		250	49	ug/Kg	☼	04/05/12 09:40	04/05/12 18:41	1
PCB-1254	ND		250	53	ug/Kg	☼	04/05/12 09:40	04/05/12 18:41	1
PCB-1260	ND		250	120	ug/Kg	☼	04/05/12 09:40	04/05/12 18:41	1

Client: Titan Wrecking and Environmental
Project/Site: Dunkirk Speciality Steel

TestAmerica Job ID: 480-17991-1

Client Sample ID: SAMPLE 2 DSS
Date Collected: 04/02/12 11:00
Date Received: 04/03/12 12:20

Lab Sample ID: 480-17991-1
Matrix: Solid
Percent Solids: 83.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*109*		*36 - 182*	*04/05/12 09:40*	*04/05/12 18:41*	*1*
Tetrachloro-m-xylene	*118*		*24 - 172*	*04/05/12 09:40*	*04/05/12 18:41*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		20	7.0	ug/Kg	☼	04/04/12 12:22	04/05/12 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*83*		*39 - 120*	*04/04/12 12:22*	*04/05/12 19:22*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14.5**		2.2	0.44	mg/Kg	☼	04/04/12 09:00	04/04/12 15:40	1
Barium	**93.0**		0.55	0.12	mg/Kg	☼	04/04/12 09:00	04/04/12 15:40	1
Beryllium	**0.62**		0.22	0.031	mg/Kg	☼	04/04/12 09:00	04/04/12 15:40	1
Cadmium	**0.23**		0.22	0.033	mg/Kg	☼	04/04/12 09:00	04/04/12 15:40	1
Copper	**31.3**		1.1	0.23	mg/Kg	☼	04/04/12 09:00	04/04/12 15:40	1
Lead	**113**		1.1	0.27	mg/Kg	☼	04/04/12 09:00	04/04/12 15:40	1
Manganese	**363**	**B**	0.22	0.035	mg/Kg	☼	04/04/12 09:00	04/04/12 15:40	1
Nickel	**27.2**		5.5	0.25	mg/Kg	☼	04/04/12 09:00	04/04/12 15:40	1
Selenium	ND		4.4	0.63	mg/Kg	☼	04/04/12 09:00	04/04/12 15:40	1
Silver	ND		0.55	0.22	mg/Kg	☼	04/04/12 09:00	04/04/12 15:40	1
Zinc	**91.3**		2.2	0.17	mg/Kg	☼	04/04/12 09:00	04/04/12 15:40	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	**0.14**		0.025	0.010	mg/Kg	☼	04/05/12 07:55	04/05/12 11:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexavalent chromium	ND		2.4	0.89	mg/Kg	☼	04/06/12 11:45	04/11/12 15:07	1
Trivalent Chromium	**18.3**		2.0	0.75	mg/Kg			04/11/12 17:52	1
Cyanide, Total	ND		0.12	0.057	mg/Kg	☼	04/03/12 19:30	04/04/12 14:06	1

Surrogate Summary

Client: Titan Wrecking and Environmental
Project/Site: Dunkirk Speciality Steel

TestAmerica Job ID: 480-17991-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(64-126)	(71-125)	(72-126)
480-17991-1	SAMPLE 2 DSS	116	100	105
LCS 480-58043/6	Lab Control Sample	108	101	104
MB 480-58043/7	Method Blank	105	103	104

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(39-146)	(37-120)	(18-120)	(34-132)	(11-120)	(65-153)
480-17991-1	SAMPLE 2 DSS	96	72	61	76	66	109
LCS 480-58302/2-A	Lab Control Sample	112	93	83	106	86	113
MB 480-58302/1-A	Method Blank	119	98	86	103	89	136

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = p-Terphenyl-d14

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB1	TCX1
Lab Sample ID	Client Sample ID	(62-137)	(30-124)
480-17991-1	SAMPLE 2 DSS	90	68
480-17991-1 MS	SAMPLE 2 DSS	116	65
480-17991-1 MSD	SAMPLE 2 DSS	109	73
LCS 480-58426/2-A	Lab Control Sample	89	59
MB 480-58426/1-A	Method Blank	89	67

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB2	TCX2
Lab Sample ID	Client Sample ID	(36-182)	(24-172)
480-17991-1	SAMPLE 2 DSS	109	118
LCS 480-58267/2-A	Lab Control Sample	157	160
MB 480-58267/1-A	Method Blank	134	136

Surrogate Summary

Client: Titan Wrecking and Environmental
Project/Site: Dunkirk Speciality Steel

TestAmerica Job ID: 480-17991-1

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8151A - Herbicides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
		DCPA1								
Lab Sample ID	Client Sample ID	(39-120)								
480-17991-1	SAMPLE 2 DSS	83								
LCS 480-58115/2-A	Lab Control Sample	88								
LCSD 480-58115/3-A	Lab Control Sample Dup	92								
MB 480-58115/1-A	Method Blank	78								

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-58043/7
Matrix: Solid
Analysis Batch: 58043

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg			04/04/12 11:37	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg			04/04/12 11:37	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg			04/04/12 11:37	1
1,2,4-Trimethylbenzene	ND		5.0	0.96	ug/Kg			04/04/12 11:37	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg			04/04/12 11:37	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg			04/04/12 11:37	1
1,3,5-Trimethylbenzene	ND		5.0	0.32	ug/Kg			04/04/12 11:37	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg			04/04/12 11:37	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg			04/04/12 11:37	1
1,4-Dioxane	ND		200	24	ug/Kg			04/04/12 11:37	1
Acetone	ND		25	4.2	ug/Kg			04/04/12 11:37	1
Benzene	ND		5.0	0.25	ug/Kg			04/04/12 11:37	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg			04/04/12 11:37	1
Chlorobenzene	ND		5.0	0.66	ug/Kg			04/04/12 11:37	1
Chloroform	ND		5.0	0.31	ug/Kg			04/04/12 11:37	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg			04/04/12 11:37	1
Ethylbenzene	ND		5.0	0.35	ug/Kg			04/04/12 11:37	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg			04/04/12 11:37	1
Methyl Ethyl Ketone	ND		25	1.8	ug/Kg			04/04/12 11:37	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg			04/04/12 11:37	1
Methylene Chloride	ND		5.0	2.3	ug/Kg			04/04/12 11:37	1
Butylbenzene	ND		5.0	0.44	ug/Kg			04/04/12 11:37	1
Propylbenzene, n-	ND		5.0	0.40	ug/Kg			04/04/12 11:37	1
sec-Butylbenzene	ND		5.0	0.44	ug/Kg			04/04/12 11:37	1
tert-Butylbenzene	ND		5.0	0.52	ug/Kg			04/04/12 11:37	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg			04/04/12 11:37	1
Toluene	ND		5.0	0.38	ug/Kg			04/04/12 11:37	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg			04/04/12 11:37	1
Trichloroethene	ND		5.0	1.1	ug/Kg			04/04/12 11:37	1
Vinyl chloride	ND		5.0	0.61	ug/Kg			04/04/12 11:37	1
Xylenes, Total	ND		10	0.84	ug/Kg			04/04/12 11:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*		*04/04/12 11:37*	*1*
Toluene-d8 (Surr)	*103*		*71 - 125*		*04/04/12 11:37*	*1*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*		*04/04/12 11:37*	*1*

Lab Sample ID: LCS 480-58043/6
Matrix: Solid
Analysis Batch: 58043

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	50.0	52.7		ug/Kg		105	79 - 126
1,1-Dichloroethene	50.0	45.6		ug/Kg		91	65 - 153
1,2,4-Trimethylbenzene	50.0	41.7		ug/Kg		83	74 - 120
1,2-Dichlorobenzene	50.0	42.8		ug/Kg		86	75 - 120
1,2-Dichloroethane	50.0	53.2		ug/Kg		106	77 - 122
Benzene	50.0	54.8		ug/Kg		110	79 - 127
Chlorobenzene	50.0	47.7		ug/Kg		95	76 - 124

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-58043/6
Matrix: Solid
Analysis Batch: 58043

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	50.0	53.9		ug/Kg		108	81 - 117
Ethylbenzene	50.0	46.0		ug/Kg		92	80 - 120
Methyl tert-butyl ether	50.0	50.9		ug/Kg		102	63 - 125
Tetrachloroethene	50.0	47.5		ug/Kg		95	74 - 122
Toluene	50.0	46.6		ug/Kg		93	74 - 128
trans-1,2-Dichloroethene	50.0	54.6		ug/Kg		109	78 - 126
Trichloroethene	50.0	53.6		ug/Kg		107	77 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*64 - 126*
Toluene-d8 (Surr)	*101*		*71 - 125*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-58302/1-A
Matrix: Solid
Analysis Batch: 58507

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 58302

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		170	2.0	ug/Kg		04/05/12 10:44	04/06/12 22:15	1
Acenaphthylene	ND		170	1.4	ug/Kg		04/05/12 10:44	04/06/12 22:15	1
Anthracene	ND		170	4.2	ug/Kg		04/05/12 10:44	04/06/12 22:15	1
Benzo(a)anthracene	ND		170	2.9	ug/Kg		04/05/12 10:44	04/06/12 22:15	1
Benzo(a)pyrene	ND		170	4.0	ug/Kg		04/05/12 10:44	04/06/12 22:15	1
Benzo(b)fluoranthene	ND		170	3.2	ug/Kg		04/05/12 10:44	04/06/12 22:15	1
Benzo(g,h,i)perylene	ND		170	2.0	ug/Kg		04/05/12 10:44	04/06/12 22:15	1
Benzo(k)fluoranthene	ND		170	1.8	ug/Kg		04/05/12 10:44	04/06/12 22:15	1
Chrysene	ND		170	1.7	ug/Kg		04/05/12 10:44	04/06/12 22:15	1
Dibenz(a,h)anthracene	ND		170	2.0	ug/Kg		04/05/12 10:44	04/06/12 22:15	1
Dibenzofuran	ND		170	1.7	ug/Kg		04/05/12 10:44	04/06/12 22:15	1
Fluoranthene	ND		170	2.4	ug/Kg		04/05/12 10:44	04/06/12 22:15	1
Fluorene	ND		170	3.8	ug/Kg		04/05/12 10:44	04/06/12 22:15	1
Hexachlorobenzene	ND		170	8.2	ug/Kg		04/05/12 10:44	04/06/12 22:15	1
Indeno(1,2,3-cd)pyrene	ND		170	4.6	ug/Kg		04/05/12 10:44	04/06/12 22:15	1
m-Cresol	ND		320	9.2	ug/Kg		04/05/12 10:44	04/06/12 22:15	1
Naphthalene	ND		170	2.8	ug/Kg		04/05/12 10:44	04/06/12 22:15	1
o-Cresol	ND		170	5.1	ug/Kg		04/05/12 10:44	04/06/12 22:15	1
p-Cresol	ND		320	9.2	ug/Kg		04/05/12 10:44	04/06/12 22:15	1
Pentachlorophenol	ND		320	57	ug/Kg		04/05/12 10:44	04/06/12 22:15	1
Phenanthrene	ND		170	3.5	ug/Kg		04/05/12 10:44	04/06/12 22:15	1
Phenol	ND		170	17	ug/Kg		04/05/12 10:44	04/06/12 22:15	1
Pyrene	ND		170	1.1	ug/Kg		04/05/12 10:44	04/06/12 22:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*119*		*39 - 146*	*04/05/12 10:44*	*04/06/12 22:15*	*1*
2-Fluorobiphenyl	*98*		*37 - 120*	*04/05/12 10:44*	*04/06/12 22:15*	*1*
2-Fluorophenol	*86*		*18 - 120*	*04/05/12 10:44*	*04/06/12 22:15*	*1*
Nitrobenzene-d5	*103*		*34 - 132*	*04/05/12 10:44*	*04/06/12 22:15*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-58302/1-A
Matrix: Solid
Analysis Batch: 58507

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 58302

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5	*89*		*11 - 120*	*04/05/12 10:44*	*04/06/12 22:15*	*1*
p-Terphenyl-d14	*136*		*65 - 153*	*04/05/12 10:44*	*04/06/12 22:15*	*1*

Lab Sample ID: LCS 480-58302/2-A
Matrix: Solid
Analysis Batch: 58507

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 58302

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	3290	3340		ug/Kg		101	53 - 120
Fluorene	3290	3740		ug/Kg		114	63 - 126
Pentachlorophenol	3290	2900		ug/Kg		88	33 - 136
Phenol	3290	2830		ug/Kg		86	36 - 120
Pyrene	3290	3500		ug/Kg		106	51 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	*112*		*39 - 146*
2-Fluorobiphenyl	*93*		*37 - 120*
2-Fluorophenol	*83*		*18 - 120*
Nitrobenzene-d5	*106*		*34 - 132*
Phenol-d5	*86*		*11 - 120*
p-Terphenyl-d14	*113*		*65 - 153*

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-58426/1-A
Matrix: Solid
Analysis Batch: 58671

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 58426

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		1.6	0.32	ug/Kg		04/06/12 07:52	04/09/12 13:43	1
4,4'-DDE	ND		1.6	0.25	ug/Kg		04/06/12 07:52	04/09/12 13:43	1
4,4'-DDT	ND		1.6	0.17	ug/Kg		04/06/12 07:52	04/09/12 13:43	1
Aldrin	ND		1.6	0.40	ug/Kg		04/06/12 07:52	04/09/12 13:43	1
alpha-BHC	ND		1.6	0.30	ug/Kg		04/06/12 07:52	04/09/12 13:43	1
alpha-Chlordane	ND		1.6	0.82	ug/Kg		04/06/12 07:52	04/09/12 13:43	1
beta-BHC	ND		1.6	0.18	ug/Kg		04/06/12 07:52	04/09/12 13:43	1
delta-BHC	ND		1.6	0.22	ug/Kg		04/06/12 07:52	04/09/12 13:43	1
Dieldrin	ND		1.6	0.39	ug/Kg		04/06/12 07:52	04/09/12 13:43	1
Endosulfan I	ND		1.6	0.21	ug/Kg		04/06/12 07:52	04/09/12 13:43	1
Endosulfan II	ND		1.6	0.30	ug/Kg		04/06/12 07:52	04/09/12 13:43	1
Endosulfan sulfate	ND		1.6	0.31	ug/Kg		04/06/12 07:52	04/09/12 13:43	1
Endrin	ND		1.6	0.23	ug/Kg		04/06/12 07:52	04/09/12 13:43	1
Heptachlor	ND		1.6	0.26	ug/Kg		04/06/12 07:52	04/09/12 13:43	1
Lindane	ND		1.6	1.2	ug/Kg		04/06/12 07:52	04/09/12 13:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*89*		*62 - 137*	*04/06/12 07:52*	*04/09/12 13:43*	*1*
Tetrachloro-m-xylene	*67*		*30 - 124*	*04/06/12 07:52*	*04/09/12 13:43*	*1*

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 480-58426/2-A
Matrix: Solid
Analysis Batch: 58671

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 58426

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	16.4	15.0		ug/Kg		91	45 - 129
4,4'-DDE	16.4	14.1		ug/Kg		86	49 - 120
4,4'-DDT	16.4	16.1		ug/Kg		98	47 - 145
Aldrin	16.4	12.4		ug/Kg		76	35 - 120
alpha-BHC	16.4	9.81		ug/Kg		60	49 - 120
alpha-Chlordane	16.4	14.0		ug/Kg		86	44 - 127
beta-BHC	16.4	12.6		ug/Kg		77	58 - 123
delta-BHC	16.4	12.0		ug/Kg		73	45 - 123
Dieldrin	16.4	14.1		ug/Kg		86	53 - 128
Endosulfan I	16.4	13.5		ug/Kg		83	29 - 125
Endosulfan II	16.4	13.5		ug/Kg		83	56 - 127
Endosulfan sulfate	16.4	12.6		ug/Kg		77	53 - 135
Endrin	16.4	15.1		ug/Kg		92	58 - 129
Heptachlor	16.4	12.6		ug/Kg		77	49 - 122
Lindane	16.4	11.6		ug/Kg		71	50 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*89*		*62 - 137*
Tetrachloro-m-xylene	*59*		*30 - 124*

Lab Sample ID: 480-17991-1 MS
Matrix: Solid
Analysis Batch: 58671

Client Sample ID: SAMPLE 2 DSS
Prep Type: Total/NA
Prep Batch: 58426

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	ND		19.6	21.6		ug/Kg	☼	110	53 - 124
4,4'-DDE	ND		19.6	19.4		ug/Kg	☼	99	44 - 123
4,4'-DDT	4.0	J	19.6	23.7		ug/Kg	☼	101	36 - 132
Aldrin	ND		19.6	16.4		ug/Kg	☼	84	35 - 120
alpha-BHC	ND		19.6	14.4		ug/Kg	☼	73	35 - 114
alpha-Chlordane	ND		19.6	20.8		ug/Kg	☼	106	47 - 121
beta-BHC	ND		19.6	19.2		ug/Kg	☼	98	50 - 121
delta-BHC	ND		19.6	15.5		ug/Kg	☼	79	45 - 123
Dieldrin	ND		19.6	21.0		ug/Kg	☼	107	47 - 120
Endosulfan I	ND		19.6	19.0		ug/Kg	☼	97	29 - 125
Endosulfan II	ND		19.6	16.6		ug/Kg	☼	85	21 - 137
Endosulfan sulfate	ND		19.6	14.9		ug/Kg	☼	76	34 - 136
Endrin	ND		19.6	21.6		ug/Kg	☼	110	53 - 120
Heptachlor	ND		19.6	16.4		ug/Kg	☼	84	47 - 120
Lindane	ND		19.6	16.2		ug/Kg	☼	83	50 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*116*		*62 - 137*
Tetrachloro-m-xylene	*65*		*30 - 124*

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 480-17991-1 MSD
Matrix: Solid
Analysis Batch: 58671

Client Sample ID: SAMPLE 2 DSS
Prep Type: Total/NA
Prep Batch: 58426

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	ND		19.4	19.8		ug/Kg	☼	102	53 - 124	9	21
4,4'-DDE	ND		19.4	16.9		ug/Kg	☼	87	44 - 123	13	18
4,4'-DDT	4.0	J	19.4	21.1		ug/Kg	☼	89	36 - 132	12	25
Aldrin	ND		19.4	16.2		ug/Kg	☼	84	35 - 120	1	12
alpha-BHC	ND		19.4	13.8		ug/Kg	☼	71	35 - 114	4	15
alpha-Chlordane	ND		19.4	19.4		ug/Kg	☼	100	47 - 121	7	23
beta-BHC	ND		19.4	17.3		ug/Kg	☼	89	50 - 121	10	19
delta-BHC	ND		19.4	13.6		ug/Kg	☼	70	45 - 123	13	14
Dieldrin	ND		19.4	18.5	F	ug/Kg	☼	95	47 - 120	13	12
Endosulfan I	ND		19.4	17.5		ug/Kg	☼	90	29 - 125	9	18
Endosulfan II	ND		19.4	12.4	F	ug/Kg	☼	64	21 - 137	30	26
Endosulfan sulfate	ND		19.4	9.02	J F	ug/Kg	☼	47	34 - 136	49	35
Endrin	ND		19.4	19.6		ug/Kg	☼	101	53 - 120	10	20
Heptachlor	ND		19.4	16.2		ug/Kg	☼	83	47 - 120	1	22
Lindane	ND		19.4	15.5		ug/Kg	☼	80	50 - 120	5	12

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*109*		*62 - 137*
Tetrachloro-m-xylene	*73*		*30 - 124*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-58267/1-A
Matrix: Solid
Analysis Batch: 58319

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 58267

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		200	40	ug/Kg		04/05/12 09:40	04/05/12 18:12	1
PCB-1221	ND		200	40	ug/Kg		04/05/12 09:40	04/05/12 18:12	1
PCB-1232	ND		200	40	ug/Kg		04/05/12 09:40	04/05/12 18:12	1
PCB-1242	ND		200	45	ug/Kg		04/05/12 09:40	04/05/12 18:12	1
PCB-1248	ND		200	40	ug/Kg		04/05/12 09:40	04/05/12 18:12	1
PCB-1254	ND		200	43	ug/Kg		04/05/12 09:40	04/05/12 18:12	1
PCB-1260	ND		200	96	ug/Kg		04/05/12 09:40	04/05/12 18:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*134*		*36 - 182*	*04/05/12 09:40*	*04/05/12 18:12*	*1*
Tetrachloro-m-xylene	*136*		*24 - 172*	*04/05/12 09:40*	*04/05/12 18:12*	*1*

Lab Sample ID: LCS 480-58267/2-A
Matrix: Solid
Analysis Batch: 58319

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 58267

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	2370	3470		ug/Kg		146	51 - 185
PCB-1260	2370	3720		ug/Kg		157	61 - 184

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 480-58267/2-A
Matrix: Solid
Analysis Batch: 58319

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 58267

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	157		36 - 182
Tetrachloro-m-xylene	160		24 - 172

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 480-58115/1-A
Matrix: Solid
Analysis Batch: 58264

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 58115

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		16	5.9	ug/Kg		04/04/12 12:22	04/05/12 16:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	78		39 - 120	04/04/12 12:22	04/05/12 16:30	1

Lab Sample ID: LCS 480-58115/2-A
Matrix: Solid
Analysis Batch: 58264

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 58115

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Silvex (2,4,5-TP)			65.4	54.8		ug/Kg		84	56 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4-Dichlorophenylacetic acid	88		39 - 120

Lab Sample ID: LCSD 480-58115/3-A
Matrix: Solid
Analysis Batch: 58264

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 58115

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silvex (2,4,5-TP)			66.1	59.2		ug/Kg		89	56 - 130	8	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4-Dichlorophenylacetic acid	92		39 - 120

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 480-58048/1-A
Matrix: Solid
Analysis Batch: 58227

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 58048

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.9	0.38	mg/Kg		04/04/12 09:00	04/04/12 15:13	1
Barium	ND		0.48	0.11	mg/Kg		04/04/12 09:00	04/04/12 15:13	1
Beryllium	ND		0.19	0.027	mg/Kg		04/04/12 09:00	04/04/12 15:13	1
Cadmium	ND		0.19	0.029	mg/Kg		04/04/12 09:00	04/04/12 15:13	1
Copper	ND		0.96	0.20	mg/Kg		04/04/12 09:00	04/04/12 15:13	1
Lead	ND		0.96	0.23	mg/Kg		04/04/12 09:00	04/04/12 15:13	1

Client: Titan Wrecking and Environmental
Project/Site: Dunkirk Speciality Steel

TestAmerica Job ID: 480-17991-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 480-58048/1-A
Matrix: Solid
Analysis Batch: 58227

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 58048

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.0364	J	0.19	0.031	mg/Kg		04/04/12 09:00	04/04/12 15:13	1
Nickel	ND		4.8	0.22	mg/Kg		04/04/12 09:00	04/04/12 15:13	1
Selenium	ND		3.8	0.55	mg/Kg		04/04/12 09:00	04/04/12 15:13	1
Silver	ND		0.48	0.19	mg/Kg		04/04/12 09:00	04/04/12 15:13	1
Zinc	ND		1.9	0.15	mg/Kg		04/04/12 09:00	04/04/12 15:13	1

Lab Sample ID: LCSSRM 480-58048/2-A
Matrix: Solid
Analysis Batch: 58227

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 58048

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	109	110.8		mg/Kg		101	70 - 134
Barium	206	211.2		mg/Kg		102	73 - 127
Beryllium	88.4	94.10		mg/Kg		106	74 - 126
Cadmium	80.4	86.90		mg/Kg		108	73 - 127
Copper	117	123.4		mg/Kg		105	75 - 125
Lead	76.4	82.00		mg/Kg		107	69 - 131
Manganese	351	367.6		mg/Kg		105	75 - 125
Nickel	71.4	80.26		mg/Kg		112	71 - 129
Selenium	127	133.1		mg/Kg		105	67 - 134
Silver	41.1	42.22		mg/Kg		103	66 - 134
Zinc	281	288.9		mg/Kg		103	71 - 129

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 480-58215/1-A
Matrix: Solid
Analysis Batch: 58512

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 58215

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hg	ND		0.019	0.0076	mg/Kg		04/05/12 07:55	04/05/12 11:33	1

Lab Sample ID: LCSSRM 480-58215/2-A
Matrix: Solid
Analysis Batch: 58512

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 58215

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Hg	3.77	3.97		mg/Kg		105	51 - 149

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 460-108503/1-A
Matrix: Solid
Analysis Batch: 109010

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 108503

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexavalent chromium	ND		2.0	0.75	mg/Kg		04/06/12 11:45	04/11/12 12:23	1

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCSI 460-108503/3-A
Matrix: Solid
Analysis Batch: 109010

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 108503

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec. Limits
Hexavalent chromium	708	693.0		mg/Kg		98	80 - 120

Lab Sample ID: LCSS 460-108503/2-A
Matrix: Solid
Analysis Batch: 109010

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 108503

Analyte	Spike Added	LCSS Result	LCSS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexavalent chromium	24.4	21.40		mg/Kg		88	85 - 115

Method: 9012A - Cyanide, Total and/or Amenable

Lab Sample ID: MB 480-58029/1-A
Matrix: Solid
Analysis Batch: 58156

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 58029

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.099	0.048	mg/Kg		04/03/12 19:30	04/04/12 13:54	1

Lab Sample ID: LCS 480-58029/2-A
Matrix: Solid
Analysis Batch: 58156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 58029

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	44.0	22.24		mg/Kg		51	29 - 122

QC Association Summary

Client: Titan Wrecking and Environmental
Project/Site: Dunkirk Speciality Steel

TestAmerica Job ID: 480-17991-1

GC/MS VOA

Analysis Batch: 58043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17991-1	SAMPLE 2 DSS	Total/NA	Solid	8260B	58091
LCS 480-58043/6	Lab Control Sample	Total/NA	Solid	8260B	
MB 480-58043/7	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 58091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17991-1	SAMPLE 2 DSS	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 58302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17991-1	SAMPLE 2 DSS	Total/NA	Solid	3550B	
LCS 480-58302/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 480-58302/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 58507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17991-1	SAMPLE 2 DSS	Total/NA	Solid	8270C	58302
LCS 480-58302/2-A	Lab Control Sample	Total/NA	Solid	8270C	58302
MB 480-58302/1-A	Method Blank	Total/NA	Solid	8270C	58302

GC Semi VOA

Prep Batch: 58115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17991-1	SAMPLE 2 DSS	Total/NA	Solid	8151A	
LCS 480-58115/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 480-58115/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	
MB 480-58115/1-A	Method Blank	Total/NA	Solid	8151A	

Analysis Batch: 58264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17991-1	SAMPLE 2 DSS	Total/NA	Solid	8151A	58115
LCS 480-58115/2-A	Lab Control Sample	Total/NA	Solid	8151A	58115
LCSD 480-58115/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	58115
MB 480-58115/1-A	Method Blank	Total/NA	Solid	8151A	58115

Prep Batch: 58267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17991-1	SAMPLE 2 DSS	Total/NA	Solid	3550B	
LCS 480-58267/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 480-58267/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 58319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17991-1	SAMPLE 2 DSS	Total/NA	Solid	8082	58267
LCS 480-58267/2-A	Lab Control Sample	Total/NA	Solid	8082	58267
MB 480-58267/1-A	Method Blank	Total/NA	Solid	8082	58267

GC Semi VOA (Continued)

Prep Batch: 58426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17991-1	SAMPLE 2 DSS	Total/NA	Solid	3550B	
480-17991-1 MS	SAMPLE 2 DSS	Total/NA	Solid	3550B	
480-17991-1 MSD	SAMPLE 2 DSS	Total/NA	Solid	3550B	
LCS 480-58426/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 480-58426/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 58671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17991-1	SAMPLE 2 DSS	Total/NA	Solid	8081A	58426
480-17991-1 MS	SAMPLE 2 DSS	Total/NA	Solid	8081A	58426
480-17991-1 MSD	SAMPLE 2 DSS	Total/NA	Solid	8081A	58426
LCS 480-58426/2-A	Lab Control Sample	Total/NA	Solid	8081A	58426
MB 480-58426/1-A	Method Blank	Total/NA	Solid	8081A	58426

Metals

Prep Batch: 58048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17991-1	SAMPLE 2 DSS	Total/NA	Solid	3050B	
LCSSRM 480-58048/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 480-58048/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 58215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17991-1	SAMPLE 2 DSS	Total/NA	Solid	7471A	
LCSSRM 480-58215/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 480-58215/1-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 58227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17991-1	SAMPLE 2 DSS	Total/NA	Solid	6010B	58048
LCSSRM 480-58048/2-A	Lab Control Sample	Total/NA	Solid	6010B	58048
MB 480-58048/1-A	Method Blank	Total/NA	Solid	6010B	58048

Analysis Batch: 58512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17991-1	SAMPLE 2 DSS	Total/NA	Solid	7471A	58215
LCSSRM 480-58215/2-A	Lab Control Sample	Total/NA	Solid	7471A	58215
MB 480-58215/1-A	Method Blank	Total/NA	Solid	7471A	58215

General Chemistry

Prep Batch: 58029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17991-1	SAMPLE 2 DSS	Total/NA	Solid	9012A	
LCS 480-58029/2-A	Lab Control Sample	Total/NA	Solid	9012A	
MB 480-58029/1-A	Method Blank	Total/NA	Solid	9012A	

Analysis Batch: 58106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17991-1	SAMPLE 2 DSS	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 58156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17991-1	SAMPLE 2 DSS	Total/NA	Solid	9012A	58029
LCS 480-58029/2-A	Lab Control Sample	Total/NA	Solid	9012A	58029
MB 480-58029/1-A	Method Blank	Total/NA	Solid	9012A	58029

Prep Batch: 108503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17991-1	SAMPLE 2 DSS	Total/NA	Solid	3060A	
LCSI 460-108503/3-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSS 460-108503/2-A	Lab Control Sample	Total/NA	Solid	3060A	
MB 460-108503/1-A	Method Blank	Total/NA	Solid	3060A	

Analysis Batch: 109010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17991-1	SAMPLE 2 DSS	Total/NA	Solid	7196A	108503
LCSI 460-108503/3-A	Lab Control Sample	Total/NA	Solid	7196A	108503
LCSS 460-108503/2-A	Lab Control Sample	Total/NA	Solid	7196A	108503
MB 460-108503/1-A	Method Blank	Total/NA	Solid	7196A	108503

Analysis Batch: 109027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17991-1	SAMPLE 2 DSS	Total/NA	Solid	7196A	

Lab Chronicle

Client: Titan Wrecking and Environmental
Project/Site: Dunkirk Speciality Steel

TestAmerica Job ID: 480-17991-1

Client Sample ID: SAMPLE 2 DSS
Date Collected: 04/02/12 11:00
Date Received: 04/03/12 12:20

Lab Sample ID: 480-17991-1
Matrix: Solid
Percent Solids: 83.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			58091	04/04/12 10:42	JMB	TAL BUF
Total/NA	Analysis	8260B		1	58043	04/04/12 12:12	CDC	TAL BUF
Total/NA	Prep	3550B			58302	04/05/12 10:44	CM	TAL BUF
Total/NA	Analysis	8270C		1	58507	04/06/12 23:50	RMM	TAL BUF
Total/NA	Prep	8151A			58115	04/04/12 12:22	TR	TAL BUF
Total/NA	Analysis	8151A		1	58264	04/05/12 19:22	CD	TAL BUF
Total/NA	Prep	3550B			58267	04/05/12 09:40	MRB	TAL BUF
Total/NA	Analysis	8082		1	58319	04/05/12 18:41	JM	TAL BUF
Total/NA	Prep	3550B			58426	04/06/12 07:52	MRB	TAL BUF
Total/NA	Analysis	8081A		5	58671	04/09/12 16:27	LW	TAL BUF
Total/NA	Prep	3050B			58048	04/04/12 09:00	SS	TAL BUF
Total/NA	Analysis	6010B		1	58227	04/04/12 15:40	LH	TAL BUF
Total/NA	Prep	7471A			58215	04/05/12 07:55	JRK	TAL BUF
Total/NA	Analysis	7471A		1	58512	04/05/12 11:39	JRK	TAL BUF
Total/NA	Prep	3060A			108503	04/06/12 11:45	ML	TAL EDI
Total/NA	Analysis	7196A		1	109010	04/11/12 15:07	RK	TAL EDI
Total/NA	Analysis	7196A		1	109027	04/11/12 17:52	LE	TAL EDI
Total/NA	Analysis	Moisture		1	58106	04/04/12 11:36	ZLR	TAL BUF
Total/NA	Prep	9012A			58029	04/03/12 19:30	ML	TAL BUF
Total/NA	Analysis	9012A		1	58156	04/04/12 14:06	PJQ	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Certification Summary

Client: Titan Wrecking and Environmental
Project/Site: Dunkirk Speciality Steel

TestAmerica Job ID: 480-17991-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo	Arkansas DEQ	State Program	6	88-0686
TestAmerica Buffalo	California	NELAC	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Florida	NELAC	4	E87672
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Georgia	State Program	4	N/A
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	State Program	4	90029
TestAmerica Buffalo	Louisiana	NELAC	6	02031
TestAmerica Buffalo	Maine	State Program	1	NY0044
TestAmerica Buffalo	Maryland	State Program	3	294
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044
TestAmerica Buffalo	Michigan	State Program	5	9937
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
TestAmerica Buffalo	New Hampshire	NELAC	1	68-00281
TestAmerica Buffalo	New Jersey	NELAC	2	NY455
TestAmerica Buffalo	New York	NELAC	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX
TestAmerica Buffalo	USDA	Federal		P330-08-00242
TestAmerica Buffalo	Virginia	NELAC Secondary AB	3	460185
TestAmerica Buffalo	Virginia	State Program	3	278
TestAmerica Buffalo	Washington	State Program	10	C1677
TestAmerica Buffalo	West Virginia DEP	State Program	3	252
TestAmerica Buffalo	Wisconsin	State Program	5	998310390
TestAmerica Edison	Connecticut	State Program	1	PH-0200
TestAmerica Edison	DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	N/A
TestAmerica Edison	New Jersey	NELAC	2	12028
TestAmerica Edison	New York	NELAC	2	11452
TestAmerica Edison	Pennsylvania	NELAC	3	68-00522
TestAmerica Edison	Rhode Island	State Program	1	LAO00132
TestAmerica Edison	USDA	Federal		NJCA-003-08

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

Method Summary

Client: Titan Wrecking and Environmental
Project/Site: Dunkirk Speciality Steel

TestAmerica Job ID: 480-17991-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8081A	Organochlorine Pesticides (GC)	SW846	TAL BUF
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
8151A	Herbicides (GC)	SW846	TAL BUF
6010B	Metals (ICP)	SW846	TAL BUF
7471A	Mercury (CVAA)	SW846	TAL BUF
7196A	Chromium, Hexavalent	SW846	TAL EDI
7196A	Chromium, Trivalent (Colorimetric)	SW846	TAL EDI
9012A	Cyanide, Total and/or Amenable	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Titan Wrecking and Environmental
Project/Site: Dunkirk Speciality Steel

TestAmerica Job ID: 480-17991-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-17991-1	SAMPLE 2 DSS	Solid	04/02/12 11:00	04/03/12 12:20

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-23549-5923.1
Client Contact: Sean Reed	Phone:	E-Mail: melissa.deyo@testamericainc.com		Page: Page 1 of 1
Company: Titan Wrecking and Environmental				Job #:

Address: 153 Wales Avenue	Due Date Requested:
City: Tonawanda	TAT Requested (days): ASAP SVB
State, Zip: NY, 14150	
Phone:	PO #: Purchase Order not required
Email: sreed@titanwrecking.com	WO #:
Project Name: Dunkirk Speciality Steel	Project #: 48005668
Site:	SSOW#:

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010B, 7196A	7196A_CR3 - Trivalent Chromium	8260B - (MOD) TCL list OLM04.2 + Stars	8151A, 9012A	8081A, 8082	8270C - (MOD) TCL SVOA - OLM04.2	6010B, 7471A						Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N							
Sample 2 DSS	4/2/12	11:00AM		Solid																

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 4/3/12 1220	Company	Received by:	Date/Time: 4/3/12 1220	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 14.0 #1

Login Sample Receipt Checklist

Client: Titan Wrecking and Environmental

Job Number: 480-17991-1

Login Number: 17991

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	titan
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Titan Wrecking and Environmental

Job Number: 480-17991-1

Login Number: 17991
List Number: 1
Creator: Villadarez, Gerson Timothy S

List Source: TestAmerica Edison
List Creation: 04/04/12 10:57 AM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	580225
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.8°C IR#50
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	