SPAULDING COMPOSITES SITE

ERIE COUNTY, NEW YORK

Final Engineering Report

NYSDEC Site Number: 9-15-050

Prepared for:

Erie County Industrial Development Agency
275 Oak Street
Buffalo, New York

Prepared by:

LiRo Engineers, Inc.
690 Delaware Avenue
Buffalo, New York

APRIL 2013

CERTIFICATIONS

I, Martin J. Wesolowski, P.E., am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the Interim Remedial Measures (IRM) activities implemented under the Environmental Restoration Program, and I certify that the Interim Remedial Measures (IRMs) were implemented and that all construction activities were completed in substantial conformance with the Department-approved IRM Work Plans.

I certify that the data submitted to the Department with this Final Engineering Report demonstrates that the remediation requirements set forth in the IRM Work Plans and in all applicable statutes and regulations have been or will be achieved in accordance with the time frames, if any, established for the remedy.

I certify that all use restrictions, Institutional Controls, Engineering Controls, and/or any operation and maintenance requirements applicable to the Site are contained in an environmental easement created and recorded pursuant to ECL 71-3605 and that all affected local governments, as defined in ECL 71-3603, have been notified that such easement has been recorded.

I certify that a Site Management Plan has been submitted for the continual and proper operation, maintenance, and monitoring of all Engineering Controls employed at the Site, including the proper maintenance of all remaining monitoring wells, and that such plan has been approved by the Department.

I certify that all documents generated in support of this report have been submitted in accordance with the DER's electronic submission protocols and have been accepted by the department.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Martin J. Wesolowski, P.E., of LiRo Engineers, Inc. located at 690 Delaware Avenue in Buffalo, New York, am certifying as Owner's Designated Site Representative for the site.

NYS Professional Engineer #

4/8/2013
Date

Signature

TABLE OF CONTENTS

LIST OF ACRONYMS

AOC	Area of Concern
bgs	below ground surface
CFR	Code of Federal Regulations
cm/sec	centimeters per second
Committee	Spaulding Fibre Steering Committee
COCs	chemicals of concern
cy	cubic yard
EA	Qualitative Human Health Exposure Assessment
ECIDA	Erie County Industrial Development Agency
ERP	Environmental Restoration Program
ft	feet
IC/EC	institutional controls and engineering controls
IRM	interim remedial measure
ISS	in situ solidification
LiRo	LiRo Engineers, Inc.
mg/kg	milligram per kilogram
NC	no criteria
ND	non-detect
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
OM&M	operation, maintenance and monitoring
OSHA	Occupational Safety and Health Administration
OU	Operable Unit
PAHs	polycyclic aromatic hydrocarbons
PID	photoionization detector
PPE	personal protection equipment
RAOs	remedial action objectives
RAR	Remedial Alternatives Report
RCRA	Resource Conservation and Recovery Act
ROD	Record of Decision
SCGs	Standards, Criteria, and Guidance
SI	Site Investigation
SIR	Site Investigation Report
SMP	Site Management Plan
Spaulding	Spaulding Fibre Site
PAHs	semi-volatile organic compounds
SWMU	Solid Waste Management Unit
TAGM	Technical and Administrative Guidance Memorandum
TCLP	toxicity characteristic leaching procedure
TCL/TAL	Target Compound List/Target Analyte List
TMV	toxicity, mobility or volume
TOGS	Technical and Operational Guidance Series
TSCA	Toxic Substances Control Act
USEPA	United Stated Environmental Protection Agency

VOCs	volatile organic compounds

FINAL ENGINEERING REPORT

1.0 BACKGROUND AND SITE DESCRIPTION

The City of Tonawanda, Erie County and the Erie County Industrial Development Agency (ECIDA) entered into a State Assistance Contract (SAC) with the New York State Department of Environmental Conservation (NYSDEC) in June 2007 to investigate and remediate a 46-acre property located in the City of Tonawanda, Erie County, New York. Prior to the SAC, portions of the Site were identified for remedial actions under the State Superfund and State Emergency Spill Response programs. These portions of the site were remediated by NYSDEC. The property was remediated to residential (Operable Unit 5) and restricted residential (Operable Units 1, 2, 3, 4 and 6) uses and will be used for commercial development. Operable Unit 7 did not require remediation and will also be used for commercial development.

The site is located in the County of Erie, New York and is identified as Section 52.08, Block 5, Part of Lots 87 and 88 on the Erie County Tax Map. The site is situated on an approximately 46-acre area bounded by Dodge and Enterprise Avenues and residential property to the north, Hackett Drive and commercial properties to the south, Wheeler Street and a mix of commercial and residential properties to the east, and Hinds Street and a mix of commercial and residential properties to the west (see Figure 1). The topography of the Site and the surrounding area is relatively flat, with most surface water runoff toward on-site drainage ditches and storm sewers. The Niagara River is located approximately one mile to the north, while Two Mile Creek is located approximately one mile to the west (Figure 1). The boundaries of the site are fully described in **Appendix A: Survey Map, Metes and Bounds.**

The Spaulding Composites Site was subdivided into seven Operable Units (OUs) as shown on Figure 2. Operable Units 1 through 4 are associated with the State Superfund portion of the Site, and consist of multiple Solid Waste Management Units (SWMUs) and Areas of Concern (AOCs). The SWMUs and AOCs were grouped into Operable Units based upon the presence of physical waste (OU1) or contaminant type (OUs 2 and 3). Operable Unit 4 consists of multiple contaminants, and includes the remaining SWMUs and AOCs that required remediation.

Operable Units 5 through 7 are associated with the Environmental Restoration Program (ERP) portion of the Site. These operable units were designated to facilitate the ERP Site Investigation. Operable Unit 5 was used as a parking area and is separated from the remaining portions of the Site by Wheeler Street. Operable Unit 7 is vacant land in the western portion of the Site that was generally unaffected by Plant operations. Operable Unit 6 includes the former manufacturing portion of the Site. Operable Units 1 through 4 are located within Operable Unit 6, but are not part of the Environmental Restoration Program.

The Operable Units at the Spaulding Composites Site, with associated SWMUs and AOCs, are defined as follows:

OU1: Regulated Landfill Wastes (State Superfund)

SWMU 7 Resin Drum Landfill;

SWMU 8 Laminant Dust Landfill;

OU2: PCB-Contaminated Wastes (State Superfund)

SWMU 11 Sludge Settling Pond;

SWMU 12 Sludge Settling Pond and Former Fuel Oil Tanks;

SWMU 23 Former Tank Farm Area;

SWMU 38 Therminol Building Area;

AOC 48 Transformer Explosion Area;

OU3: Petroleum Contaminated Wastes (State Superfund)

SWMU 13 Former Grinding Oil Tank and Sludge Settling Pond;

SWMU 36 Former Tank Farm Area;

OU4: Multiple Contaminant Wastes (State Superfund)

SWMU 3 Zinc Chloride Sludge Container Storage Area;

SWMU 5 Empty Drum Storage Dock;

SWMU 14 Sludge Settling Pond;

SWMU 26 Paper Sludge Land Application Area;

SWMU 35 Lab Waste Storage Area;

AOC 45 Rail Spur;

AOC 46 Drum Storage Dock;

AOC 47 Bulk Chemical Unloading Area;

OU5: Wheeler Street Parking Lot (Environmental Restoration Program)

OU6: Main Plant Area (Environmental Restoration Program)

OU7: Hinds Street Area (Environmental Restoration Program)

Remediation of the Site, completed over several years under several funding sources (e.g., State Superfund, Environmental Restoration Program, Standby Spill Contractor), was completed in November 2010 in conformance with the Record of Decision/Statement of Basis (ROD/SOB) issued by the NYSDEC in March 2003 for the State Superfund portion of the Site (Operable Units 1 through 4) as amended by the Explanation of Significant Difference issued by the NYSDEC in March 2009, the Record of Decision issued by the NYSDEC in March 2009 for Operable Unit 7 of the Environmental Restoration Program portion of the Site, and the Record of Decision issued by the NYSDEC in March 2011 for Operable Units 5 and 6 of the Environmental Restoration Program portion of the Site.

Operable Units 1 through 4 were remediated under the State Superfund Program and the descriptions of those remedial activities are documented in the following Construction Completion Reports:

- *Final IRM Report for Operable Unit 2,* NYSDEC, July 2008
- *Final Remediation Report for Operable Unit 2 – Spauldite Sheet Basement and K-Line Storm Sewer,* NYSDEC, June 2010
- *Final Engineering Report, Former Spaulding Composites SSF Site, Operable Units 1, 3 and 4,* Ecology and Environment, December 2010
- *Final Engineering Report, Former Spaulding Composites SSF Site, Operable Units 1, 3 and 4, Addendum #1,* Ecology and Environment, August 2011
- *Construction Completion Report, Operable Unit 5,* LiRo Engineers, Inc., November 2010
- *Construction Completion Report, Operable Unit 6,* LiRo Engineers, Inc., December 2010

LiRo Engineers has prepared this Final Engineering Report (FER) to provide a unified Site closure document using the certified Reports listed above. An electronic copy of this FER with all supporting documentation is included as **Appendix B**.

2.0 SUMMARY OF SITE REMEDY

2.1 *Remedial Action Objectives*

Based on the results of the Remedial Investigation completed for the State Superfund Site and the Site Investigation completed for the Environmental Restoration Program, the following Remedial Action Objectives (RAOs) were identified for this site.

2.1.1 Groundwater RAOs

RAOs for Public Health Protection

- Prevent ingestion of groundwater containing contaminant levels exceeding drinking water standards.
- Prevent contact with contaminated groundwater.
- Prevent inhalation of volatiles emanating from contaminated groundwater.

RAOs for Environmental Protection

- Restore the groundwater aquifer to meet ambient groundwater quality criteria, to the extent feasible.
- Prevent the discharge of contaminated groundwater to the off-site sewer system from the on-site sewer system.

2.1.2 Soil RAOs

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of, or exposure to, contaminants volatilizing from contaminated soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater contamination.
- Prevent impacts to biota from ingestion/direct contact with contaminated soil causing toxicity or impacts from bioaccumulation through the terrestrial food chain.

2.1.3 Surface Water RAOs

Surface water at the Site occurs intermittently in on-site drainage ditches, primarily during rain events. Since these ditches do not harbor an aquatic environment, remedial action objectives are not applicable for Site surface water.

2.1.4 Sediment RAOs

Sediment at the Site is only found in on-site drainage ditches. Since these ditches do not harbor an aquatic environment, remedial action objectives are not applicable for Site sediment.

2.2 ***Description Of Selected Remedy***

2.2.1 Operable Units 1, 2, 3 and 4

Operable Units 1 through 4 were remediated in accordance with the remedies selected by the NYSDEC in the Record of Decision (ROD) and RCRA Statement of Basis (SOB) dated March 2003 and the Explanation of Significant Difference dated March 2009 that amended the 2003 ROD/SOB.

The factors considered during the selection of the remedies are those listed in 6NYCRR 375-1.8. The following are the components of the selected remedies.

2.2.1.1 Operable Unit 1:

1. Excavation and Disposal. Under the selected remedial action for OU1, wastes associated with the Resin Drum and Laminant Dust Landfills will be excavated and disposed of at an appropriate offsite disposal facility. All excavated areas will be backfilled with clean soils and restored to grade. Excavations will be to contaminant levels consistent with the goal of meeting Technical and Administrative Guidance Memorandum (TAGM) 4046 cleanup objectives; and
2. Excavation of contaminated sediments in the ditch adjacent to the Resin Drum Landfill that exceed SCGs. These sediments will be disposed of with the contaminated soils. Excavations will be to contaminant levels consistent with the goal of meeting TAGM 4046 cleanup objectives.

2.2.1.2 Operable Unit 2:

1. Excavation and Disposal. Under the selected remedial action for OU2, PCB contaminated soils associated with three Sludge Settling Ponds, a Former Tank Farm, the Therminol Building and a Former Transformer Explosion Area will be excavated and disposed of at an appropriate disposal facility. All excavated areas will be backfilled with clean soils and restored to grade. Excavations will be to contaminant levels consistent with the goal of meeting TAGM 4046 cleanup objectives;
2. Sampling and analysis of sediment in the K-Line storm sewer will be required to evaluate how much contamination, if any, is present in the sewer. If contaminated, these sediments will be removed and disposed of with the contaminated soil from this operable unit; and

3. Continued operation of the on-site water treatment system following the remediation of Operable Unit 2 until PCBs are no longer detected in K-Line storm sewer waters. Treated water will continue to be sampled and analyzed during this time for compliance with the 65 parts per trillion (ppt) discharge limit for PCBs. It is anticipated that soil removal and storm sewer cleaning activities will address the presence of PCB contaminated storm water.

2.2.1.3 Operable Unit 3:

1. In-Situ Bioremediation. Under the selected remedial action for OU3, volatile organic and petroleum contaminated soils associated with a Former Tank Farm and a Former Grinding Oil Tank will be treated in-place by adding nutrients to stimulate biological activity that will degrade the contaminants;
2. During design, a field test will be completed to evaluate the effectiveness of this alternative in remediating contaminated low permeability soils; and
3. During remediation, sampling and analysis of soil and groundwater will be conducted to evaluate the progress of the in-situ bioremediation program.

2.2.1.4 Operable Unit 4:

1. Excavation and Disposal. Under the selected remedial action for OU4, contaminated soils associated with the Lab Waste Storage Area, a Rail Spur, two Drum Storage Areas, a Bulk Chemical Unloading Area, a Zinc Chloride Sludge Container Storage Area, one Sludge Settling Pond and the Paper Sludge Application Area will be excavated and disposed of at an appropriate offsite disposal facility. All excavated areas will be backfilled with clean soils and restored to grade. Excavations will be to contaminant levels consistent with the goal of meeting TAGM 4046 cleanup objectives; and
2. Sampling and analysis of groundwater at AOC 45 (Rail Spur) following remediation to evaluate the effectiveness of soil removal activities on ground water contamination at this area of the site.

2.2.1.5 Institutional Controls:

1. Imposition of a deed restriction will be required if warranted by residual soil or groundwater contamination remaining after remedial actions are completed. If determined necessary by NYSDEC, the deed restriction will require compliance with an approved soils management plan and prohibit site groundwater use. Annual certification to the NYSDEC will be required.

2.2.1.6 Long-Term Groundwater Monitoring:

1. Long-term groundwater sampling and analysis of the former production well to further evaluate contamination in upper bedrock groundwater. If contaminant concentrations increase and exceed SCGs, the need to remediate this water will be evaluated.

2.2.1.7 Explanation of Significant Difference:

In March 2009, the NYSDEC issued an Explanation of Significant Difference to amend the 2003 Record of Decision/Statement of Basis for Operable Units 1 through 4 of the Spaulding Composites Site. The modified remedy consisted of:

1. Adjusting the soil cleanup objectives from those identified in TAGM 4046 to those contained in 6 NYCRR Part 375 that was promulgated in December 2006, and to be consistent with the Part 375 restricted residential soil cleanup objectives proposed for the ERP project (OUs 5, 6 and 7); and
2. Modifying the remedy for Operable Unit 3 from in-situ treatment and deed restrictions to a combination of removal, in-situ treatment of residual contamination and institutional/engineering controls in the form of an Environmental Easement to address residual contamination.

2.2.2 Operable Unit Nos. 5 and 6

In March 2011, the NYSDEC issued a Record of Decision for Operable Units 5 and 6 of the Spaulding Composites Site. No Further Action was selected as the remedy for OU5 because the Interim Remedial Measure (IRM) removal action completed at the operable unit in 2010 achieved the Part 375 residential soil cleanup objectives. No Further Action with Site Management was selected as the remedy for OU6 because the IRM removal action completed at the operable unit in 2009 and 2010 achieved the Part 375 restricted residential soil cleanup objectives. These IRMs, along with the other remedial activities that have taken place at the Site, are described in Section 3.0 of this FER.

2.2.3 Operable Unit No. 7

In March 2009, the NYSDEC issued a No Action Record of Decision for Operable Unit 7 of the Spaulding Composites Site. A No Action ROD was issued because historical plant operations did not result in the disposal of hazardous wastes or substances at Operable Unit 7. In addition, because surface and subsurface soils at Operable Unit 7 achieved the Part 375 residential soil cleanup objectives, an environmental easement will not be required for this portion of the Spaulding Composites Site.

3.0 INTERIM REMEDIAL MEASURES, OPERABLE UNITS AND REMEDIAL CONTRACTS

3.1 *General*

As stated in Section 1.0, remediation of the Spaulding Composites Site was completed over several years under several funding sources (e.g., State Superfund, Environmental Restoration Program, and Standby Spill Contractor). Remediation began in January 2004 with the IRM at Operable Unit 2 using a Standby Spill Contractor and was completed in November 2010 with the IRMs at Operable Units 5 and 6 under the Environmental Restoration Program. In between, Operable Units 1, 3 and 4 were remediated under the State Superfund Program, while the final remediation of Operable Unit 2 (The Spauldite Sheet Basement and K-Line Storm Sewer) was completed using a Standby Spill Contractor. These remedial actions combined constitute the final remedial action for the Spaulding Composites Site. The details of each remedial action are described in the remainder of Section 3.0.

3.2 *Phase 1 and 2 IRM of Operable Unit 2*

On October 15, 2003, the United States Bankruptcy court approved a recovery plan for Spaulding that in part provided for the operation of the water treatment system until January 23, 2004. On that date, in order to protect public health and the environment, the NYSDEC took over the operation and maintenance of the system. The system was operated by C&W Environmental, LLC (C&W), a NYSDEC Standby Spill Contractor, until October 11, 2004 when the K-Line Storm Sewer was plugged and abandoned in place.

With Spaulding's obligation ended, the Site was referred to the NYSDEC Division of Environmental Remediation for the implementation of a State funded remediation. Since the time between referral and the beginning of remediation can be several years or more, and knowing that the cost to operate the treatment system for two years was estimated at $187,000, the NYSDEC authorized C&W to evaluate IRM options to remove PCB-contaminated soils from OU2 so that the treatment system could be shut down. Based upon C&W's cost estimate for the IRM, the NYSDEC decided to undertake this remediation and authorized C&W to begin this work.

The IRM of OU2 began in January 2004 and included the excavation, transportation and off-site disposal of PCB contaminated soil and debris that exceeded the TAGM 4046 soil cleanup objectives as specified in the 2003 ROD/SOB. During the IRM approximately 6,800 tons of non-hazardous soil were transported to BFI in Niagara Falls, New York for disposal, while approximately 13,500 tons of hazardous soil were transported to CWM in Model City, New York for disposal. The IRM of Operable Unit 2 was completed in February 2007 at a cost of approximately $3,000,000. Details concerning the IRM can be found in a July 2008 NYSDEC report entitled *Final IRM Report for Operable Unit 2*.

The Phase 1 and 2 IRM completed at OU2 of the Spaulding Composites Site met the remediation goals for Operable Unit 2 as follows:

- PCB contaminated soils associated with Operable Unit 2 were excavated and transported offsite for disposal at approved facilities;
- Remediation-generated debris and waste materials were transported offsite for disposal at approved facilities;
- Confirmatory soil sample results indicated that the established PCB soil cleanup goals for this IRM (1 ppm for surface soils; 10 ppm for subsurface soils) were achieved. These results also indicate that several exceedances of the 6 NYCRR Part 375 restricted residential PCB soil cleanup objective were documented. This regulation, however, was not promulgated until after the Phase 1 and 2 OU2 IRM was complete;
- Excavated areas were backfilled with clean soils and the Site was restored;
- The K-Line storm sewer was cleaned from the Therminol Building to manhole MHL to remove contaminated sediments. This section of the sewer was subsequently abandoned in place; and
- The on-site water treatment system operated until the K-Line Storm Sewer was plugged at manhole MHL.

The Phase 1 and 2 IRM completed at OU2 of the Spaulding Composites Site, and described in the *Final IRM Report for Operable Unit 2*, is consistent with the remedy presented in the March 2003 ROD/SOB.

3.3 ***Phase 3 IRM of Operable Unit 2***

During the Phase 1 IRM of Operable Unit 2, non-aqueous phase liquid (NAPL) was observed in the bedding material underlying the K-Line Storm Sewer where it entered the Saw Room. To prevent this NAPL from contaminating the clean backfill of the Therminol Building excavation, concrete was poured around the end of the sewer in June 2005. In addition, it was suspected that soil and gravel below the basement slab of the Spauldite Sheet Basement was hazardous (i.e., PCB concentrations > 50 ppm). The excavation of this material, however, was not completed during the OU2 IRM so that the basement could potentially be used for temporary water storage during the remediation of the other operable units at the Site.

In April 2009 LiRo Engineers conducted a sub-slab investigation of the Spauldite Sheet Basement as part of the ERP Site Investigation to determine the nature and extent of contamination requiring remediation. This investigation revealed that soil and gravel below the basement slab was contaminated with PCBs at concentrations that exceed the NYSDEC restricted residential soil cleanup objectives. Because approximately 45 cubic yards of material was estimated to be hazardous, the

remediation of this portion of the Site was incorporated into the State Superfund remediation that began in October 2009.

With the remediation of the Spauldite Sheet Basement to be completed under the State Superfund Program, a K-Line Storm Sewer Investigation was conducted in June 2009 to evaluate the nature and extent of contamination in the bedding and backfill material along the K-Line Storm Sewer adjacent to the Spauldite Sheet Basement to determine how much remediation of the sewer was also required. Because the State Superfund remediation project had already gone out to bid by this time, it was decided to complete the remediation of the Spauldite Sheet Basement and K-Line Storm Sewer using a NYSDEC Standby Spill Contractor.

The Phase 3 IRM of OU2 began in December 2009 and included the excavation, transportation and off-site disposal of PCB contaminated soil and debris from the Spauldite Sheet Basement that exceeded the Part 375 restricted residential soil cleanup objectives, and PCB and metals contaminated soil and fill surrounding the K-Line Storm Sewer that exceeded the Part 375 restricted residential soil cleanup objectives. During the IRM approximately 1,600 tons of non-hazardous soil were transported to Allied Waste Niagara Falls Landfill in Niagara Falls, New York for disposal, while approximately 440 tons of hazardous soil were transported to CWM in Model City, New York for disposal. The Phase 3 IRM of Operable Unit 2 was completed in March 2010 at a cost of approximately $305,000. Details concerning the Phase 3 IRM can be found in a June 2010 NYSDEC report entitled *Final Remediation Report for Operable Unit 2 - Spauldite Sheet Basement and K-Line Storm Sewer*.

The Phase 3 IRM completed at the Spauldite Sheet Basement and K-Line Storm Sewer met the remediation goals for Operable Unit 2 as follows:

- PCB contaminated soils associated with Operable Unit 2 were excavated and transported off-site for disposal at approved facilities;
- Remediation-generated debris and waste materials were transported off-site for disposal at approved facilities;
- Confirmatory soil sample results indicated that the 6 NYCRR Part 375 restricted residential PCB soil cleanup objective (1 ppm) was achieved; and
- Excavated areas were backfilled with clean soils and the Site was restored.

The Phase 3 IRM completed at the Spauldite Sheet Basement and K-Line Storm Sewer, as described in the *Final Remediation Report for Operable Unit 2 - Spauldite Sheet Basement and K-Line Storm Sewer*, is consistent with the remedy presented in the March 2003 ROD/SOB as amended in March 2009.

3.4 ***Groundwater Monitoring of the Production Well***

As discussed in Section 2.2.1.6, long-term groundwater sampling and analysis of the former production well was required by the 2003 ROD/SOB to further evaluate contamination in upper bedrock

groundwater. The former production well was located in the northwest portion of the Site in Operable Unit 2. The well was approximately 78 feet deep, and when utilized, drew groundwater from the Camillus Shale bedrock. The well was sampled during the RI/RFI completed by Spaulding because an anonymous complainant informed the NYSDEC after the facility closed that liquid wastes had been dumped down the well while the plant was in operation.

To document contamination levels in the former production well following the remediation of Operable Unit 2, the well was sampled in June 2009 and again in July 2010. The analytical results from groundwater samples collected from the former production well over a 14 year period (1996 to 2010) indicate the consistent presence of low level contamination by cis-1,2-dichloroethene, trichloroethene and PCBs. These results, however, do not support the anonymous complainant's supposition that liquid wastes were dumped down the well while the plant was in operation. As a result, the NYSDEC recommended that long-term groundwater sampling and analysis of the former production well be discontinued.

The former production well was decommissioned on August 31, 2010 as part of the ERP IRM at Operable Unit 6.

3.5 ***State Superfund Remediation***

In October 2009, the NYSDEC began the remediation of Operable Units 1, 3 and 4. This remediation included the excavation, transportation and off-site disposal of contaminated soil and debris that exceeded the Part 375 restricted residential soil cleanup objectives as specified in the 2009 ESD. During the remediation approximately 30,000 tons of non-hazardous soil were transported to Modern Landfill in Model City, New York for disposal, while approximately 5,300 tons of hazardous soil were transported to CWM in Model City, New York for disposal. The State Superfund remediation of Operable Units 1, 3 and 4 was completed in May 2010 at a cost of approximately $3,335,000. Details concerning the State Superfund remediation can be found in a January 2011 Ecology and Environment report entitled *Construction Certification Report for the Spaulding Composites Site Remedial Activity*.

The State Superfund remediation of Operable Units 1, 3 and 4 met the remediation goals for these operable units as follows:

- Contaminated soils associated with Operable Units 1, 3 and 4 were excavated and transported off-site for disposal at approved facilities;
- Remediation-generated debris and waste materials were transported off-site for disposal at approved facilities;
- Confirmatory soil sample results indicated that the 6 NYCRR Part 375 restricted residential soil cleanup objectives were achieved; and
- Excavated areas were backfilled with clean soils and the Site was restored.

The State Superfund remediation of Operable Units 1, 3 and 4, as described in the *Construction Certification Report for the Spaulding Composites Site Remedial Activity*, is consistent with the remedy presented in the March 2003 ROD/SOB as amended in March 2009.

3.6 ***Environmental Restoration Program (ERP) IRM of OU5***

Operable Unit 5 was remediated under an ERP Interim Remedial Measure during the Site Investigation phase of this project. The IRM of OU5 began in February 2010 and included the excavation, transportation and off-site disposal of contaminated soil and fill that exceeded the Part 375 residential soil cleanup objectives. During the IRM approximately 1,850 tons of non-hazardous soil were transported to the Town of Tonawanda Landfill in Tonawanda, New York for disposal. The IRM of Operable Unit 5 was completed in March 2010 at a cost of approximately $65,000. Details concerning the IRM can be found in a November 2010 LiRo report entitled *Construction Completion Report, Operable Unit 5*.

The IRM completed at OU5 of the Spaulding Composites Site met the remediation goals for Operable Unit 5 as follows:

- Contaminated soils associated with Operable Unit 5 were excavated and transported offsite for disposal at approved facilities;
- Confirmatory soil sample results indicated that the 6 NYCRR Part 375 residential soil cleanup objectives were achieved; and
- Excavated areas were backfilled with clean crushed concrete.

Due to the success of the IRM at Operable Unit 5, the NYSDEC issued a No Further Action ROD for this operable unit in March 2011.

3.7 ***Environmental Restoration Program (ERP) IRM of OU6***

Operable Unit 6 was also remediated under an ERP Interim Remedial Measure during the Site Investigation phase of this project. The IRM of OU6 began in August 2009 and included the excavation, transportation and off-site disposal of contaminated soil and fill that exceeded the Part 375 restricted residential soil cleanup objectives. Demolition of Site buildings, including foundation walls and basement slabs, was also completed as part of the IRM to gain access to the contaminated soils. During the IRM approximately 67,000 tons of non-hazardous soil were transported to either the Town of Tonawanda Landfill in Tonawanda, New York or to Modern Landfill in Model City, New York for disposal. The IRM of Operable Unit 6 was completed in November 2010 at a cost of approximately $8,300,000. Details concerning the IRM can be found in a December 2010 LiRo report entitled *Construction Completion Report, Operable Unit 6*.

The IRM completed at OU6 of the Spaulding Composites Site met the remediation goals for Operable Unit 6 as follows:

- Contaminated soils associated with Operable Unit 6 were excavated and transported offsite for disposal at approved facilities;
- Remediation-generated debris and waste materials were transported off-site for disposal at approved facilities;
- Confirmatory soil sample results indicated that the 6 NYCRR Part 375 restricted residential soil cleanup objectives were achieved; and
- Excavated areas were backfilled with clean soils and the Site was restored.

Due to the success of the IRM at Operable Unit 6, the NYSDEC issued a No Further Action with Site Management ROD for this operable unit in March 2011.

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

As stated in Section 1.0, remediation of the Spaulding Composites Site was completed over several years under several funding sources (e.g., State Superfund, Environmental Restoration Program, and Standby Spill Contractor). Remediation began in January 2004 with the IRM at Operable Unit 2 using a Standby Spill Contractor and was completed in November 2010 with the IRMs at Operable Units 5 and 6 under the Environmental Restoration Program. In between, Operable Units 1, 3 and 4 were remediated under the State Superfund Program, while the final remediation of Operable Unit 2 (The Spauldite Sheet Basement and K-Line Storm Sewer) was completed using a Standby Spill Contractor. These remedial actions combined constitute the final remedial action for the Spaulding Composites Site.

4.1 ***Governing Documents***

The remedial program elements, contaminated materials removed, remedial performance/ documentation sampling, imported backfill, contamination remaining at the site, and deviations from the associated remedial action work plans utilized at each Operating Unit are detailed in the following documents, as applicable.

- *Work Plans: Part 1 - Site Investigation Plan; Part 2 – Standard Investigation Procedures; Part 3 – Quality Assurance Project Plan,* LiRo Engineers, Inc., August 2007
- *Final IRM Report for Operable Unit 2,* NYSDEC, July 2008
- *Final Remediation Report for Operable Unit 2 – Spauldite Sheet Basement and K-Line Storm Sewer,* NYSDEC, June 2010
- *Final Engineering Report, Former Spaulding Composites SSF Site, Operable Units 1, 3 and 4,,* Ecology and Environment, December 2010
- *Construction Completion Report, Operable Unit 5,* LiRo Engineers, Inc., November 24, 2010
- *Construction Completion Report, Operable Unit 6,* LiRo Engineers, Inc., December 30, 2010

No remedial work was required at OU7.

The following sections summarize the contents of the governing documents.

4.1.1 Site Specific Health & Safety Plan (HASP)

All remedial work performed under the remedial actions described in Section 3.0 was in full compliance with governmental requirements, including Site and worker safety requirements mandated by Federal OSHA.

The Health and Safety Plans (HASPs) were developed for each of the remedial actions described in Section 3.0 and were complied with for all remedial and invasive work performed at the Site.

4.1.2 Quality Assurance Project Plan (QAPP)

QAPPs were developed for each of the remedial actions described in Section 3.0 and approved by the NYSDEC. The QAPPs described the specific policies, objectives, organization, functional activities and quality assurance/quality control activities designed to achieve the project data quality objectives.

The QAPPs also managed performance of the Remedial Action tasks through designed and documented QA/QC methodologies applied in the field and in the lab. The QAPP provided a detailed description of the observation and testing activities that were used to monitor quality and confirm that remedial activities were in conformance with the remediation objectives and specifications.

4.1.3 Construction Quality Assurance Plan (CQAP)

The Construction Quality Assurance Plans (CQAPs), or equivalents, managed performance of the remedial actions described in Section 3.0 through designed and documented QA/QC methodologies applied in the field and in the lab. Each CQAP, or equivalent, provided a detailed description of the observation and testing activities that were used to monitor construction quality and confirm that remedial construction was in conformance with the remediation objectives and specifications.

4.1.4 Soil/Materials Management Plan (S/MMP)

Soil/Materials Management Plans were developed for each of the remedial actions described in Section 3.0 to address the excavation, handling, transport and disposal of soils and other hazardous materials removed from the Site. Plans included provisions for characterization, air monitoring, dust suppression, decontamination and roadway maintenance to ensure that the work was conducted in compliance with all applicable regulations and with minimal impact to the surrounding community.

4.1.5 Storm-Water Pollution Prevention Plan (SWPPP)

The erosion and sediment controls for all remedial construction were performed in conformance with requirements presented in the New York State Guidelines for Urban Erosion and Sediment Control and the site-specific Storm Water Pollution Prevention Plans that were developed for each of the remedial actions described in Section 3.0.

4.1.6 Community Air Monitoring Plan (CAMP)

Each of the remedial actions described in Section 3.0 included provisions for Community Air Monitoring in compliance with NYSDEC-NYSDOH guidelines.

4.1.7 Contractors Site Operations Plans (SOPs)

The Remediation Engineers for each of the remedial actions described in Section 3.0 reviewed plans and submittals for the remedial projects (i.e. those listed above plus contractor and subcontractor submittals) to confirm that they were in compliance with the applicable design or work plan documents. Remedial documents were submitted to NYSDEC and NYSDOH in a timely manner and prior to the start of work.

4.1.8 Community Participation Plan

A Community Participation Plan (CPP) was developed for each of the remedial actions described in Section 3.0 to assure an open process for the interested and possibly affected public. This includes public officials at all levels, citizen interest groups, commercial interests, individuals in the area of the site, and the media. These parties were afforded opportunities to be part of the decision-making process for this site, and were informed about on-site activities through fact sheets and public meetings.

4.2 *Remedial Program Elements*

4.2.1 Contractors and Consultants

Numerous contractors and consultants were responsible for each of the remedial actions described in Section 3.0. The contractors and consultants responsible for each of the remedial actions are detailed in the construction completion reports cited in Section 4.1 of this document.

4.2.2 Site Preparation

The site preparation activities conducted in association with each of the remedial actions described in Section 3.0 are detailed in the construction completion reports cited in Section 4.1 of this document. NYSDEC-approved project signs were erected at the project entrance and remained in place during all phases of the ERP and State Superfund Remedial Actions.

4.2.3 General Site Controls

The general site controls implemented in association with each of the remedial actions described in Section 3.0 are detailed in the construction completion reports cited in Section 4.1 of this document.

4.2.4 Nuisance Controls

The nuisance controls implemented in association with each of the remedial actions described in

Section 3.0 are detailed in the construction completion reports cited in Section 4.1 of this document.

4.2.5 CAMP Results

The CAMP results associated with each of the remedial actions described in Section 3.0 are detailed in the construction completion reports cited in Section 4.1 of this document. Copies of all field data sheets relating to the CAMP are provided in those reports.

4.2.6 Reporting

The reporting activities conducted in association with each of the remedial actions described in Section 3.0 are detailed in the construction completion reports cited in Section 4.1 of this document. All daily and monthly reports, if required by the governing documents, and photos, are included in those reports..

4.3 *Contaminated Materials Removal*

The contaminated materials removal conducted in association with each of the remedial actions described in Section 3.0 are detailed in the construction completion reports cited in Section 4.1 of this document. The cited reports include a list of the soil cleanup objectives (SCOs) for the contaminants of concern for each project, and figures of the locations of original contaminant sources. Areas where excavations were performed are shown in Figure 3. The cited reports also include descriptions of the type of contaminated materials removed, disposal details, and on-site reuse details.

4.4 *Remedial Performance/Documentation Sampling*

Confirmation sampling was conducted in association with each of the remedial actions described in Section 3.0. The construction completion reports cited in Section 4.1 of this document detail the specific sampling methods and analytical method requirements and approach for each of the remedial actions. Summaries of all of the confirmation sample data from the various projects are provided in Tables 1 through 66, with the sample locations shown on Figure 3.

4.5 *Imported Backfill*

The backfill that was imported in association with each of the remedial actions described in Section 3.0 are detailed in the construction completion reports cited in Section 4.1 of this document. Tables summarizing chemical analytical results for backfill, in comparison to allowable levels, are provided in those reports.

4.6 *Contamination Remaining at the Site*

Operable Units 1, 2, 3, 4 and 6 were remediated to Part 375 Restricted Residential SCOs, while Operable Unit 5 was remediated to Part 375 Residential SCOs. Operable Unit 7 did not require any remedial action and *de-minimis* remaining contamination exceeding Unrestricted use SCOs was evident at

Operable Unit 5. In accordance with the Records of Decision, no institutional controls are required at OU5 or OU7.

There are numerous sample locations in Operable Units 1, 2, 3, 4 and 6, however, that exceed Unrestricted use SCOs. Tables 1 through 66 and Figures 4A through 4C summarize the results of all soil samples remaining at the site after completion of the remedial actions described in Section 3.0 that exceed the Track 1 (unrestricted) SCOs. Since contaminated soil remains beneath Operable Units 1, 2, 3, 4 and 6 after completion of the remedial actions actions described in Section 3.0, Institutional Controls are required to protect human health and the environment. These Institutional Controls (ICs) are described in the following sections. Long-term management of these ICs and residual contamination will be performed under the Site Management Plan (SMP) approved by the NYSDEC.

4.7 ***Soil Cover System***

A soil cover will be maintained in areas where the upper two feet of exposed surface soil will exceed the restricted residential soil cleanup objectives (SCOs). Where the soil cover is required it will be a minimum of two feet of soil, meeting SCOs for cover material as set forth in 6 NYCRR Part 375-6.7(d) for the restricted residential use. The areas requiring cover maintenance are shown on Figure 5. An Excavation Work Plan, which outlines the procedures required in the event underlying residual contamination is disturbed, is provided in Appendix A of the SMP.

4.8 ***Other Engineering Controls***

The remedy for the site did not require the construction of any other engineering control systems.

4.9 ***Institutional Controls***

Since contaminated soil remains beneath the site after completion of the remedial actions described in Section 3.0, Institutional Controls (ICs) are required to protect human health and the environment. Long-term management of the ICs and residual contamination will be performed under the Site Management Plan (SMP) approved by the NYSDEC.

The site remedies for Operable Units 1, 2, 3, 4, and 6 require that an environmental easement be placed on the property that (1) requires the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3); (2) limits the use and development of the controlled property for restricted residential use, commercial use or industrial use provided that actual land use is subject to local zoning; (3) restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the Department, NYSDOH, or County DOH,; (4) prohibits agriculture or vegetable gardens on the controlled property, and (5) requires compliance with the Department approved Site Management Plan.

The environmental easement for the site was executed by the Department on August 14, 2012, and filed with the Erie County Clerk on January 9, 2013. The County Recording Identifier number for this filing is TT2012009945. A copy of the easement and proof of filing is provided in **Appendix C**.

4.10 ***Deviations from the Remedial Action Work Plan***

Deviations from the various remedial action work plans that were prepared for each of the remedial actions described in Section 3.0 are detailed in the construction completion reports cited in Section 4.1 of this document.

LIST OF TABLES

LIST OF FIGURES

LIST OF APPENDICES

TABLE 1
SPAULDING COMPOSITES SITE
AREA C, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS
Page 1 of 1

Sample ID	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	C-SS-2	C-SS-3	C-SS-4	C-SS-5	C-BS-1	C-BS-2	C-BS-3	C-SS-6
Sample Location			Sidewall	Sidewall	Sidewall	Sidewall	Bottom	Bottom	Bottom	Sidewall
Date Sampled			3/25/2010	3/25/2010	3/25/2010	3/25/2010	3/25/2010	3/25/2010	3/25/2010	4/19/2010
Compound			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs										
Naphthalene	100	12	ND	ND	ND	ND	ND	0.51	ND	ND
2-Methylnaphthalene	NC	NC	ND	ND	ND	ND	ND	0.64	ND	ND
Acenaphthylene	100	100	ND	ND	ND	ND	ND	0.087 J	ND	ND
Acenaphthene	100	20	ND	0.026 J	ND	ND	ND	0.42	ND	ND
Fluorene	100	30	ND	0.024 J	ND	ND	ND	0.26	ND	ND
Phenanthrene	100	100	ND	0.160 J	ND	0.110 J	0.029 J	0.86	0.039 J	ND
Anthracene	100	100	ND	0.049 J	ND	0.040 J	ND	0.25	ND	ND
Fluoranthene	100	100	0.028 J	0.170 J	ND	0.180 J	ND	0.24	0.042 J	0.029 J
Pyrene	100	100	ND	0.220 J	ND	0.220 J	ND	0.44	0.052 J	ND
Benzo (a) anthracene	1	1	0.023 J	0.100 J	ND	0.120 J	ND	0.170 J	0.027 J	0.024 J
Chrysene	3.9	1	ND	0.091 J	ND	0.100 J	ND	0.140 J	0.027 J	ND
Benzo (b) fluoranthene	1	1	ND	0.100 J	ND	0.120 J	ND	0.076 J	ND	ND
Benzo (k) fluoranthene	3.9	0.8	ND	0.030 J	ND	0.034 J	ND	0.025 J	ND	ND
Benzo (a) pyrene	1	1	ND	0.073 J	ND	0.076 J	ND	0.062 J	ND	ND
Indeno (1, 2, 3-cd) pyrene	0.5	0.5	ND	0.043 J	ND	0.047 J	ND	0.025 J	ND	ND
Dibenzo (a, h) anthracene	0.33	0.33	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (g, h, i,) perylene	100	100	ND	0.056 J	ND	0.059 J	ND	0.040 J	ND	ND
METALS										
Aluminum	NC	NC	18200	12800	13300	9790	12200	8050	24900	19200
Antimony	NC	NC	0.69 B	1.1	0.52 B	0.60 B	ND	ND	0.33 B	ND
Arsenic	16	13	12.4	7.5	6.4	6.6	3.5	1.7	5.6	6.8
Barium	400	350	190	132	111	100	57	25.8	148	132
Beryllium	72	7.2	1.3	0.7	0.76	0.49	0.59	0.36	1.5	1
Cadmium	4.3	2.5	2.6	0.97	0.74	0.92	0.46	0.23 B	0.97	0.88
Calcium	NC	NC	3150	2700	2020	1570	1360	906	1940	2190
Chromium	180	30	30.4	22.2	20	17.3	17.2	9.4	27.3	26.6
Cobalt	NC	NC	14.3	8	10.1	5.4	7.5	3.9	28.4	14.6
Copper	270	50	226	114	102	84.6	11.3	4.2	24	17.5
Iron	NC	NC	36100	26300	27400	22600	25000	11900	45000	42100
Lead	400	63	55.8	94.9	51.9	99.2	11.2	6.4	15.6	16.4
Magnesium	NC	NC	5410	3660	3820	2300	3980	2160	6880	5870
Manganese	2000	1600	415	244	446	224	248	104	616	585
Mercury	0.81	0.18	0.037 B	0.29	0.030 B	0.05	0.013 B	ND	0.025 B	0.021 B
Nickel	310	30	43.8	21.6	23.3	14	15	8.9	30	26.5
Potassium	NC	NC	1890	1190	1510	655	1030	389	1780	1560
Selenium	180	3.9	3.8	3.9	3.7	3.4	4.5	1.9	4	2
Silver	180	2	0.20 B	0.45 B	0.12 B	0.25 B	ND	ND	ND	ND
Sodium	NC	NC	87.8	58.3	53.5	35.4 B	58	50.3 B	65.3	61.1
Thallum	NC	NC	2.6	1.8	2.5	1.3	1.5	0.67 B	3.6	3.5
Vanadium	NC	NC	32.2	28.6	28.4	23.7	26.4	16.9	37.6	39.7
Zinc	10000	109	1860	541	628	424	63.7	31.7	99.6	969

Notes:

1) PAHs analyzed by SW846-8270C; total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) NC = No Criteria

7) ND = Analyte included in the analysis, but not detected.

8) B = Analyte detected in associated trip blank.

*Strikeout indicates that location was overexcavated and resampled.

TABLE 2
SPAULDING COMPOSITES SITE
AREA D, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	D-SS-1	D-SS-2	D-SS-3	D-BS 1	D-BS-2
Sample Location			Sidewall	Sidewall	Sidewall	Bottom	Bottom
Date Sampled			2/24/2010	2/24/2010	2/24/2010	2/24/2010	2/24/2010
Compound			Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs							
Naphthalene	100	12	ND	ND	ND	ND	ND
2-Methylnaphthalene	NC	NC	0.030 J	ND	0.028 J	ND	ND
Acenaphthylene	100	100	0.044 J	ND	ND	ND	ND
Acenaphthene	100	20	0.077 J	ND	0.160 J	ND	0.065 J
Fluorene	100	30	0.072 J	ND	0.130 J	ND	0.063 J
Phenanthrene	100	100	1	0.030 J	1.1	ND	0.46
Anthracene	100	100	0.23	ND	0.28	ND	0.110 J
Di-n-butylphthalate	100	NC	ND	ND	ND	ND	ND
Fluoranthene	100	100	2.3	0.050 J	1.4	ND	0.5
Pyrene	100	100	1.8	0.039 J	1	ND	0.37
Benzo (a) anthracene	1	1	1	0.022 J	0.61	ND	0.200 J
Chrysene	3.9	1	1.2	ND	0.59	ND	0.200 J
Benzo (b) fluoranthene	1	1	1.4	ND	0.66	ND	0.220 J
Benzo (k) fluoranthene	3.9	0.8	0.65	ND	0.32	ND	0.100 J
Benzo (a) pyrene	1	1	1	ND	0.47	ND	0.150 J
Indeno (1, 2, 3-cd) pyrene	0.5	0.5	0.66	ND	0.27	ND	0.078 J
Dibenzo (a, h) anthracene	0.33	0.33	0.210 J	ND	0.096 J	ND	ND
Benzo (g, h, i,) perylene	100	100	0.7	ND	0.28	ND	0.083 J
METALS							
Aluminum	NC	NC	3410	15200	10600	18600	22200
Antimony	NC	NC	1.2	0.19	0.15	0.18	0.23
Arsenic	16	13	3.9	4.3	5.5	4.6	8.3
Barium	400	350	33.1	118	94.9	94.2	203
Beryllium	72	7.2	0.49	0.85	0.68	0.73	1.3
Cadmium	4.3	2.5	0.51	0.48	0.61	0.27	0.5
Calcium	NC	NC	19600	6130	29900	1460	4300
Chromium	180	30	4.3	20	15.1	22.5	30.7
Cobalt	NC	NC	1.2	22	8.9	10.8	18.6
Copper	270	50	67.2	31.4	37.2	26	38.8
Iron	NC	NC	4840	29400	27200	35400	45400
Lead	400	63	18.8	16.9	18.2	14.3	19.9
Magnesium	NC	NC	112000	6080	10900	4830	9500
Manganese	2000	1600	640	1190	521	275	867
Mercury	0.81	0.18	0.26	0.027	0.043	0.036	0.031
Nickel	310	30	4.8	23.8	18.9	20.7	41.4
Potassium	NC	NC	381	1230	1350	1180	2290
Selenium	180	3.9	0.64	1.2	0.96	2	2.4
Silver	180	2	0.065	0.086	0.065	0.078	5.6
Sodium	NC	NC	269	70.5	95.5	50.4	133
Thallum	NC	NC	2.4	7.6	2.4	1.6	5.1
Vanadium	NC	NC	5.4	26.7	23.7	31.9	41.2
Zinc	10000	109	305	166	354	89.8	377
Cyanide	27	27	3.4	0.53	0.15	0.16	0.17

Notes:

1) PAHs analyzed by SW846-8270C; total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) NC = No Criteria

7) ND = Analyte included in the analysis, but not detected.

8) E = Analyte concentration exceeds calibration range of instrument used for analysis.

TABLE 3
SPAULDING COMPOSITES SITE
AREA E, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	E- SS- 1	E-SS-2
Sample Location			Sidewall	Sidewall
Date Sampled			2/24/2010	2/24/2010
Compound			Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg
PAHs				
Naphthalene	100	12	0.200 J	ND
2-Methylnaphthalene	NC	NC	0.27	ND
Acenaphthylene	100	100	ND	ND
Acenaphthene	100	20	0.024 J	ND
Fluorene	100	30	0.022 J	ND
Phenanthrene	100	100	0.160 J	ND
Anthracene	100	100	0.037 J	ND
Fluoranthene	100	100	0.26	ND
Pyrene	100	100	0.160 J	ND
Benzo (a) anthracene	1	1	0.092 J	ND
Chrysene	3.9	1	0.110 J	ND
Benzo (b) fluoranthene	1	1	0.120 J	ND
Benzo (k) fluoranthene	3.9	0.8	0.069 J	ND
Benzo (a) pyrene	1	1	0.087 J	ND
Indeno (1, 2, 3-cd) pyrene	0.5	0.5	0.062 J	ND
Dibenzo (a, h) anthracene	0.33	0.33	ND	ND
Benzo (g, h, i,) perylene	100	100	0.067 J	ND
METALS				
Aluminum	NC	NC	5080	21500
Antimony	NC	NC	0.39	0.19
Arsenic	16	13	3.2	5.4
Barium	400	350	66.2	166
Beryllium	72	7.2	0.34	1.7
Cadmium	4.3	2.5	3	0.47
Calcium	NC	NC	28800	1900
Chromium	180	30	11.3	29
Cobalt	NC	NC	3.6	18.3
Copper	270	50	69.9	25
Iron	NC	NC	10800	44600
Lead	400	63	21.1	12.7
Magnesium	NC	NC	5540	7760
Manganese	2000	1600	318	307
Nickel	310	30	10	36.7
Potassium	NC	NC	503	1710
Selenium	180	3.9	0.95	2.3
Silver	180	2	0.058	0.082
Sodium	NC	NC	199	92
Thallum	NC	NC	1.3	1.3
Vanadium	NC	NC	9.7	39.4
Zinc	10000	109	864	83.6
Cyanide	27	27	0.17	0.18 B

Notes:

1) PAHs analyzed by SW846-8270C; total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) NC = No Criteria

7) ND = Analyte included in the analysis, but not detected.

8) B = Analyte detected in associated trip blank.

*Sample location was overexcavated and resampled.

TABLE 3
SPAULDING COMPOSITES SITE
AREA E, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	E- BS- 2	E-BS-3	E-BS-4
Sample Location			Bottom	Bottom	Bottom
Date Sampled			2/24/2010	2/24/2010	3/24/2010
Compound			Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs					
Naphthalene	100	12	ND	ND	ND
2-Methylnaphthalene	NC	NC	ND	ND	ND
Acenaphthylene	100	100	ND	ND	ND
Acenaphthene	100	20	ND	ND	ND
Fluorene	100	30	ND	ND	ND
Phenanthrene	100	100	0.050 J	0.091 J	ND
Anthracene	100	100	ND	0.023 J	ND
Fluoranthene	100	100	0.086 J	0.110 J	ND
Pyrene	100	100	0.068 J	0.097 J	ND
Benzo (a) anthracene	1	1	0.046 J	0.050 J	ND
Chrysene	3.9	1	0.044 J	0.056 J	ND
Benzo (b) fluoranthene	1	1	0.057 J	0.064 J	ND
Benzo (k) fluoranthene	3.9	0.8	ND	0.029 J	ND
Benzo (a) pyrene	1	1	0.040 J	0.040 J	ND
Indeno (1, 2, 3-cd) pyrene	0.5	0.5	0.025 J	0.026 J	ND
Dibenzo (a, h) anthracene	0.33	0.33	ND	ND	ND
Benzo (g, h, i,) perylene	100	100	0.026 J	0.027 J	ND
METALS					
Aluminum	NC	NC	16200	14300	21000 B
Antimony	NC	NC	0.39	0.18	ND
Arsenic	16	13	4.7	4.9	5.2
Barium	400	350	130	142	140
Beryllium	72	7.2	0.91	0.84	1.9
Cadmium	4.3	2.5	0.79	0.38	0.81
Calcium	NC	NC	63800	60100	1700 B
Chromium	180	30	22.7	21.2	27
Cobalt	NC	NC	11.5	12	40
Copper	270	50	34.3	33.2	26
Iron	NC	NC	37400	34600	40000 B
Lead	400	63	10.4	10	14
Magnesium	NC	NC	10900	12700	6900 B
Manganese	2000	1600	438	538	1100
Nickel	310	30	28.3	27.1	34 B
Potassium	NC	NC	2210	2250	1800B
Selenium	180	3.9	0.73	0.78	4.3
Silver	180	2	0.074	0.078	ND
Sodium	NC	NC	106	161	84 B
Thallum	NC	NC	0.34	2.2	6.5
Vanadium	NC	NC	30.4	28.6	34
Zinc	10000	109	155	87.7	82
Cyanide	27	27	0.21 B	ND	Not Analyzed

Notes:

1) PAHs analyzed by SW846-8270C; total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) NC = No Criteria

7) ND = Analyte included in the analysis, but not detected.

8) B = Analyte detected in associated trip blank.

*Sample location was overexcavated and resampled.

TABLE 4
SPAULDING COMPOSITES SITE
AREA F, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	F-BS-1	F-SS-1	F-SS-3	F-SS-5
Sample Location			Bottom	Sidewall	Sidewall	Sidewall
Date Sampled			3/8/2010	3/8/2010	3/8/2010	4/12/2010
Compound			Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs						
Naphthalene	100	12	ND	ND	ND	0.65
2-Methylnaphthalene	NC	NC	ND	ND	ND	0.086 J
Acenaphthylene	100	100	ND	ND	ND	ND
Acenaphthene	100	20	ND	ND	ND	ND
Fluorene	100	30	ND	ND	ND	ND
Phenanthrene	100	100	0.110 J	ND	ND	0.025 J
Anthracene	100	100	0.028 J	ND	ND	ND
Fluoranthene	100	100	0.190 J	ND	ND	0.032 J
Pyrene	100	100	0.150 J	ND	ND	ND
Benzo (a) anthracene	1	1	0.099 J	ND	ND	ND
Chrysene	3.9	1	0.095 J	ND	ND	ND
Benzo (b) fluoranthene	1	1	0.110 J	ND	ND	ND
Benzo (k) fluoranthene	3.9	0.8	0.050 J	ND	ND	ND
Benzo (a) pyrene	1	1	0.089 J	ND	ND	ND
Indeno (1, 2, 3-cd) pyrene	0.5	0.5	0.051 J	ND	ND	ND
Dibenzo (a, h) anthracene	0.33	0.33	ND	ND	ND	ND
Benzo (g, h, i,) perylene	100	100	0.054 J	ND	ND	ND
METALS						
Aluminum	NC	NC	23400	13300	24000	25000
Antimony	NC	NC	0.22	0.17	ND	ND
Arsenic	16	13	3.9	4.3	5	4.4
Barium	400	350	191	77.5	119	119
Beryllium	72	7.2	1.4	0.82	1.1	0.86
Cadmium	4.3	2.5	0.59	0.38	0.33	1.7
Calcium	NC	NC	2910	2840	2420	3000
Chromium	180	30	29.8	17.1	31.3	30.8
Cobalt	NC	NC	14.9	9.9	12.8	17.4
Copper	270	50	25.7	18.4	25.8	19.8
Iron	NC	NC	41600	23200	48200	34700
Lead	400	63	11.2	19.4	11.4	11.5
Magnesium	NC	NC	8850	3870	7330	6060
Manganese	2000	1600	754	256	266	270
Mercury	0.81	0.18	0.036 B	0.034 B	0.035 B	0.016 B
Nickel	310	30	38.8	16.3	28.7	26.3
Potassium	NC	NC	2010	1120	2120	2240
Selenium	180	3.9	2.8	2	2.6	ND
Silver	180	2	0.26 B	0.15 B	0.34 B	0.27 B
Sodium	NC	NC	101	66.5	108	86.5
Thallium	NC	NC	4.2	1.9	2.2	0.97
Vanadium	NC	NC	36.9	26.1	40.9	41.2
Zinc	10000	109	112	182	91.3	189

Notes:

1) PAHs analyzed by SW846-8270C; total metals analyzed by USEPA 6000/7000 Series Methods; mercury analyzed by SW846-7471.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) NC = No Criteria

7) ND = Analyte included in the analysis, but not detected.

8) B = Analyte detected in associated trip blank.

*Sample location was overexcavated and resampled.

TABLE 4
SPAULDING COMPOSITES SITE
AREA F, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	F-SS-6	F-SS-7
Sample Location			Sidewall	Sidewall
Date Sampled			7/26/2010	8/9/2010
Compound			Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg
PAHs				
Naphthalene	100	12	ND	ND
2-Methylnaphthalene	NC	NC	ND	ND
Acenaphthylene	100	100	ND	ND
Acenaphthene	100	20	ND	ND
Fluorene	100	30	ND	ND
Phenanthrene	100	100	ND	0.108 J
Anthracene	100	100	ND	ND
Fluoranthene	100	100	ND	0.191
Pyrene	100	100	ND	0.154 J
Benzo (a) anthracene	1	1	ND	0.0924 J
Chrysene	3.9	1	ND	0.0956 J
Benzo (b) fluoranthene	1	1	ND	ND
Benzo (k) fluoranthene	3.9	0.8	ND	0.0971 J
Benzo (a) pyrene	1	1	ND	0.0924 J
Indeno (1, 2, 3-cd) pyrene	0.5	0.5	ND	ND
Dibenzo (a, h) anthracene	0.33	0.33	ND	ND
Benzo (g, h, i,) perylene	100	100	ND	ND
METALS				
Aluminum	NC	NC	21500	21400
Antimony	NC	NC	ND	ND
Arsenic	16	13	7.12	7.49
Barium	400	350	193	135
Beryllium	72	7.2	1.09	0.826
Cadmium	4.3	2.5	1.06	1.32
Calcium	NC	NC	3040	4480
Chromium	180	30	27.1	28.1
Cobalt	NC	NC	13	Not Analyzed
Copper	270	50	21.7	44.7
Iron	NC	NC	40200	39400
Lead	400	63	11.8	20
Magnesium	NC	NC	5410	6680
Manganese	2000	1600	1240	649
Mercury	0.81	0.18	0.0377 J	0.0588
Nickel	310	30	24.3	25.7
Potassium	NC	NC	2210	2140
Selenium	180	3.9	0.715 J	0.869 J
Silver	180	2	ND	ND
Sodium	NC	NC	147	94.9
Thallium	NC	NC	0.829 J	ND
Vanadium	NC	NC	39.4	38.5
Zinc	10000	109	78.2	230

Notes:

1) PAHs analyzed by SW846-8270C; total metals analyzed by USEPA 6000/7000 Series Methods; mercury analyzed by SW846-7471.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) NC = No Criteria

7) ND = Analyte included in the analysis, but not detected.

8) B = Analyte detected in associated trip blank.

*Sample location was overexcavated and resampled.

TABLE 5
SPAULDING COMPOSITES SITE
AREA G, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	G-BS-1	G-BS-3	G-SS-5	G-SS-6	G-SS-7	G-SS-8	G-SS-9	G-SS-10
Sample Location			Bottom	Bottom	Sidewall	Sidewall	Sidewall	Sidewall	Sidewall	Sidewall
Date Sampled			3/8/2010	3/24/2010	3/24/2010	3/24/2010	3/24/2010	3/24/2010	3/24/2010	3/24/2010
Compound			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
METALS										
Arsenic	16	13	7	8.9	11	9.1	5.7	10	9.5	6.2
Cadium	4.3	2.5	0.94	0.71	0.77	0.89	0.69	3.2	0.65	0.93

Notes:

1) Total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

*Sample location was overexcavated and resampled.

TABLE 5
SPAULDING COMPOSITES SITE
AREA G, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	G-SS-11	G-SS-12
Sample Location			Sidewall	Sidewall
Date Sampled			3/24/2010	3/24/2010
Compound			Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg
METALS				
Arsenic	16	13	7	16
Cadium	4.3	2.5	0.84	1.1

Notes:

1) Total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

*Sample location was overexcavated and resampled.

TABLE 6
SPAULDING COMPOSITES SITE
AREA H, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	H-SS-1	H-SS-2	H-BS-2 (H-BS-4)	H-SS-4
Sample Location			Sidewall	Sidewall	Bottom	Sidewall
Date Sampled			3/16/2010	3/16/2010	4/13/2010	4/13/2010
Compound			Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs						
Naphthalene	100	12	0.047 J	0.037 J	ND	ND
2-Methylnaphthalene	NC	NC	0.33	0.099 J	0.071 J	ND
Acenaphthylene	100	100	ND	ND	ND	ND
Acenaphthene	100	20	ND	0.028 J	0.069 J	ND
Fluorene	100	30	0.170 J	0.062 J	0.100 J	ND
Phenanthrene	100	100	0.48	0.150 J	0.21	ND
Anthracene	100	100	ND	0.031 J	0.054 J	ND
Di-n-butylphthalate	100	NC	0.46	0.92	ND	ND
Fluoranthene	100	100	0.160 J	0.100 J	0.069 J	ND
Pyrene	100	100	0.160 J	0.082 J	0.110 J	ND
Benzo (a) anthracene	1	1	0.086 J	0.054 J	0.051 J	ND
Chrysene	3.9	1	0.087 J	0.047 J	0.044 J	ND
Benzo (b) fluoranthene	1	1	0.090 J	0.050 J	ND	ND
Benzo (k) fluoranthene	3.9	0.8	0.041 J	ND	ND	ND
Benzo (a) pyrene	1	1	0.057 J	0.035 J	0.027 J	ND
Indeno (1, 2, 3-cd) pyrene	0.5	0.5	0.041 J	0.022 J	ND	ND
Dibenzo (a, h) anthracene	0.33	0.33	ND	ND	ND	ND
Benzo (g, h, i,) perylene	100	100	0.046 J	0.025 J	ND	ND
PCBs						
Aroclor- 1016	NC	NC	ND	ND	ND	ND
Aroclor-1221	NC	NC	ND	ND	ND	ND
Aroclor-1232	NC	NC	ND	ND	ND	ND
Aroclor-1242	NC	NC	ND	ND	ND	ND
Aroclor-1248	NC	NC	ND	ND	ND	ND
Aroclor-1254	NC	NC	0.073	ND	ND	ND
Aroclor-1260	NC	NC	ND	ND	ND	ND
Total PCBs	1	0.1	0.073	ND	ND	ND
METALS						
Aluminum	NC	NC	14600	11700	11300	15100
Antimony	NC	NC	ND	ND	0.30 B	ND
Arsenic	16	13	7.2	5.1	4.3	5
Barium	400	350	141	112	104	135
Beryllium	72	7.2	0.93	0.9	0.65	0.85
Cadmium	4.3	2.5	0.34	0.23 B	0.3	0.4
Calcium	NC	NC	58300	51600	75700	53300
Chromium	180	30	21.4	17	16.6	22.5
Cobalt	NC	NC	13.2	10	10.6	13.4
Copper	270	50	23.7	30.1	22.1	25.2
Iron	NC	NC	36800	25800	25500	34000
Lead	400	63	11	16	9.9	9.9
Magnesium	NC	NC	13200	13200	13900	14300
Manganese	2000	1600	532	428	514	561
Mercury	0.81	0.18	ND	0.010 B	0.011 B	0.014 B
Nickel	310	30	30.4	24.4	22.8	29.4
Potassium	NC	NC	2100	1750	1860	2290
Selenium	180	3.9	2.8	2.9	ND	ND
Silver	180	2	0.095 B	ND	ND	ND
Sodium	NC	NC	140	137	168	191
Thallum	NC	NC	1.7	1.3	2	2.8
Vanadium	NC	NC	27.4	23.8	22.4	28.9
Zinc	10000	109	67.5	119	62.1	56.7

Notes:

1) PAHs analyzed by SW846-8270C; total metals analyzed by USEPA 6000/7000 Series Methods.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.
8) B = Analyte detected in associated trip blank.
9) E = Analyte concentration exceeds calibration range of instrument used for analysis.
10) P = Greater than 25% difference for detected concentrations between the two GC columns.

TABLE 10
SPAULDING COMPOSITES SITE
AREA K, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	K-SS-1	K-SS-2	K-SS-4	K-BS-1
Sample Location			Sidewall	Sidewall	Sidewall	Bottom
Date Sampled			3/11/2010	3/11/2010	3/11/2010	3/11/2010
Compound			Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs						
Naphthalene	100	12	0.150 J	ND	ND	ND
2-Methylnaphthalene	NC	NC	0.200 J	0.043 J	ND	ND
Acenaphthylene	100	100	0.025 J	ND	ND	ND
Acenaphthene	100	20	0.130 J	0.130 J	ND	0.031 J
Fluorene	100	30	0.180 J	0.160 J	ND	0.034 J
Phenanthrene	100	100	1.4	1.2	0.038 J	0.28
Anthracene	100	100	0.37	0.32	ND	0.081 J
Fluoranthene	100	100	1.9	1.5	0.054 J	0.39
Pyrene	100	100	1.3	1.1	0.043 J	0.33
Benzo (a) anthracene	1	1	0.76	0.68	0.028 J	0.190 J
Chrysene	3.9	1	0.79	0.6	0.024 J	0.180 J
Benzo (b) fluoranthene	1	1	0.79	0.68	0.032 J	0.210 J
Benzo (k) fluoranthene	3.9	0.8	0.35	0.31	ND	0.090 J
Benzo (a) pyrene	1	1	0.56	0.51	ND	0.150 J
Indeno (1, 2, 3-cd) pyrene	0.5	0.5	0.28	0.26	ND	0.084 J
Dibenzo (a, h) anthracene	0.33	0.33	0.088 J	0.079 J	ND	ND
Benzo (g, h, i,) perylene	100	100	0.31	0.27	ND	0.098 J

Notes:

1) PAHs analyzed by SW846-8270C.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) NC = No Criteria

7) ND = Analyte included in the analysis, but not detected.

8) B = Analyte detected in associated trip blank.

9) E = Analyte concentration exceeds calibration range of instrument used for analysis.

*Sample location was overexcavated and resampled.

**Sample location was overexcavated. No resample was collected because overexcavation joined Area RR.

TABLE 11
SPAULDING COMPOSITES SITE
AREA M, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	M-SS-3	M-BS-1	M-BS-2	M-SS-5	M-SS-6	M-SS-7
Sample Location			Sidewall	Bottom	Bottom	Sidewall	Sidewall	Sidewall
Date Sampled			3/8/2010	3/8/2010	3/24/2010	3/24/2010	3/24/2010	3/24/2010
Compound			Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs								
Naphthalene	100	12	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NC	NC	0.095 J	ND	ND	ND	ND	ND
Acenaphthylene	100	100	0.150 J	ND	ND	ND	ND	ND
Acenaphthene	100	20	0.042 J	ND	ND	ND	ND	ND
Fluorene	100	30	0.050 J	ND	ND	ND	ND	ND
Phenanthrene	100	100	0.73	ND	0.110 J	0.023 J	ND	ND
Anthracene	100	100	0.200 J	ND	0.027 J	ND	ND	ND
Fluoranthene	100	100	1.6	ND	0.150 J	0.028 J	0.028 J	0.042 J
Pyrene	100	100	1.2	ND	0.170 J	ND	ND	0.050 J
Benzo (a) anthracene	1	1	0.86	ND	0.090 J	0.022 J	0.025 J	0.032 J
Chrysene	3.9	1	0.79	ND	0.081 J	ND	0.025 J	0.028 J
Benzo (b) fluoranthene	1	1	0.98	ND	0.066 J	ND	ND	0.03
Benzo (k) fluoranthene	3.9	0.8	0.4	ND	0.030 J	ND	ND	ND
Benzo (a) pyrene	1	1	0.71	ND	0.050 J	ND	ND	ND
Indeno (1, 2, 3-cd) pyrene	0.5	0.5	0.44	ND	0.028 J	ND	ND	ND
Dibenzo (a, h) anthracene	0.33	0.33	0.180 J	ND	ND	ND	ND	ND
Benzo (g, h, i,) perylene	100	100	0.51	ND	0.031 J	ND	ND	ND
METALS								
Arsenic	16	13	Not Analyzed	5	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Barium	400	350	177 E	131 E	114	143	106	60.2
Cadium	4.3	2.5	1.2	0.55	1.5	0.84	0.81	0.61
Copper	270	50	69.1	28	99.6	30.5	25.1	17.5
Lead	400	63	346 E	11.5 E	98.1	45.9	231	60.5

Notes:

1) PAHs analyzed by SW846-8270C; total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) NC = No Criteria

7) ND = Analyte included in the analysis, but not detected.

8) E = Analyte concentration exceeds calibration range of instrument used for analysis.

*Sample location was overexcavated and resampled.

TABLE 12
SPAULDING COMPOSITES SITE
AREA N, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	N-BS-1	N-SS-1	N-SS-2	N-SS-3	N-SS-4
Sample Location			Bottom	Sidewall	Sidewall	Sidewall	Sidewall
Date Sampled			3/8/2010	3/8/2010	3/8/2010	3/16/2010	3/16/2010
Compound			Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
METALS							
Barium	400	350	398	247	116	56	120
Copper	270	50	60.1	120	57.6	68	91

Notes:

1) Total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

TABLE 13
SPAULDING COMPOSITES SITE
AREA AA, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	AA-S-1	AA-S-2	AA-S-3	AA-B-1
Sample Location			Sidewall	Sidewall	Sidewall	Bottom
Date Sampled			3/11/2010	3/11/2010	3/11/2010	3/11/2010
Compound			Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs						
Naphthalene	100	12	ND	0.170 J	0.22	ND
2-Methylnaphthalene	NC	NC	ND	0.31	0.76	ND
Acenaphthylene	100	100	ND	0.031 J	ND	ND
Acenaphthene	100	20	ND	0.058 J	0.170 J	ND
Fluorene	100	30	ND	0.065 J	0.200 J	ND
Phenanthrene	100	100	0.140 J	0.62	1.1	0.074 J
Anthracene	100	100	0.040 J	0.130 J	0.26	ND
Fluoranthene	100	100	0.3	0.98	1.4	0.099 J
Pyrene	100	100	0.25	0.57	1.3	0.077 J
Benzo (a) anthracene	1	1	0.170 J	0.35	0.67	0.044 J
Chrysene	3.9	1	0.160 J	0.44	0.71	0.042 J
Benzo (b) fluoranthene	1	1	0.190 J	0.42	0.78	0.048 J
Benzo (k) fluoranthene	3.9	0.8	0.100 J	0.46	0.38	0.027 J
Benzo (a) pyrene	1	1	0.150 J	0.45	0.64	0.038 J
Indeno (1, 2, 3-cd) pyrene	0.5	0.5	0.096 J	0.26	0.38	0.022 J
Dibenzo (a, h) anthracene	0.33	0.33	ND	0.150 J	0.120 J	ND
Benzo (g, h, i,) perylene	100	100	0.120 J	0.28	0.43	0.024 J
METALS						
Arsenic	16	13	8.8 B	12 B	3.5 B	5.0 B
Copper	270	50	42	95	26	28
Mercury	0.81	0.18	0.043 J	0.19	0.12	ND

Notes:

1) PAHs analyzed by SW846-8270C; total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) NC = No Criteria

7) ND = Analyte included in the analysis, but not detected.

8) B = Analyte detected in associated trip blank.

TABLE 14
SPAULDING COMPOSITES SITE
AREA AB, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	AB-B-1	AB-S1	AB-SS-3
Sample Location			Bottom	Sidewall	Sidewall
Date Sampled			3/11/2010	3/12/2010	4/8/2010
Compound			Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs					
Naphthalene	100	12	ND	0.036 J	ND
2-Methylnaphthalene	NC	NC	ND	0.030 J	ND
Acenaphthylene	100	100	ND	ND	ND
Acenaphthene	100	20	ND	0.077 J	ND
Fluorene	100	30	ND	0.076 J	ND
Phenanthrene	100	100	0.038 J	0.61	ND
Anthracene	100	100	ND	0.150 J	ND
Fluoranthene	100	100	0.047 J	0.8	0.045 J
Pyrene	100	100	0.087 J	0.65	0.053 J
Benzo (a) anthracene	1	1	0.034 J	0.35	0.040 J
Chrysene	3.9	1	0.041 J	0.28	0.036 J
Benzo (b) fluoranthene	1	1	0.034 J	0.56	0.033 J
Benzo (k) fluoranthene	3.9	0.8	ND	0.22	ND
Benzo (a) pyrene	1	1	0.025 J	0.38	0.022 J
Indeno (1, 2, 3-cd) pyrene	0.5	0.5	ND	0.23	ND
Dibenzo (a, h) anthracene	0.33	0.33	ND	0.085 J	ND
Benzo (g, h, i,) perylene	100	100	0.028 J	0.23	ND
METALS					
Aluminum	NC	NC	11300	17500	16100
Antimony	NC	NC	1.7	0.93	ND
Arsenic	16	13	6	9.9	5.3
Barium	400	350	68.7	204	155
Beryllium	72	7.2	0.61	1.4	0.98
Cadmium	4.3	2.5	0.27	1.3	0.6
Calcium	NC	NC	7820	45600	38600
Chromium	180	30	14.5	30.8	23.1
Cobalt	NC	NC	8.9	10.7	12.2
Copper	270	50	18.2	86.7	24.6
Iron	NC	NC	25200	34400	37600
Lead	400	63	24.8	136	12
Magnesium	NC	NC	5430	10000	15200
Manganese	0	1600	228	542	473
Mercury	0.81	0.18	0.012 B	0.28	ND
Nickel	310	30	16.4	28.1	29.1
Potassium	NC	NC	968	2030	2390
Selenium	180	3.9	1.9	1.6	1.1
Silver	180	2	0.16 B	0.28 B	0.14 B
Sodium	NC	NC	100	2170	130
Thallium	NC	NC	1.4	2.4	1.4
Vanadium	NC	NC	28.8	29.8	28.3
Zinc	10000	109	6630	590	649

Notes:

1) SVOCs analyzed by SW846-8270C; total metals analyzed by USEPA 6000/7000 Series Methods; mercury analyzed by SW846-7471

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) NC = No Criteria

7) ND = Analyte included in the analysis, but not detected

8) B = Analyte detected in associated trip blank

9) E = Analyte concentration exceeds calibration range of instrument used for analysis.

*Sample location was overexcavated and resampled.

TABLE 15
SPAULDING COMPOSITES SITE
AREA AC, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	AC-SS-1	AC-BS-2	AC-BS-5	AC-BS-11	AC-BS-14	AC-BS-15	AC-BS-16	AC-BS-19
Sample Location			Sidewall	Bottom	Bottom	Bottom	Bottom	Bottom	Bottom	Bottom
Date Sampled			4/14/2010	4/14/2010	6/9/2010	6/9/2010	6/24/2010	6/24/2010	6/24/2010	6/24/2010
Compound			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
METALS										
Cadmium	4.3	2.5	2	2.2	2.19	2.82	1.69	3.2	1.51	2.54
Zinc	10000	109	6200	1100	3790	5190	2290	3190	1890	2340

Notes:

1) Total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) mg/kg = milligrams per kilogram (ppm)

*Sample location was overexcavated and resampled.

TABLE 15
SPAULDING COMPOSITES SITE
AREA AC, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	AC-BS-21	AC-BS-22
Sample Location			Bottom	Bottom
Date Sampled			7/15/2010	7/15/2010
Compound			Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg
METALS				
Cadmium	4.3	2.5	2.61	2.94
Zinc	10000	109	1990	5290

Notes:

1) Total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) mg/kg = milligrams per kilogram (ppm)

*Sample location was overexcavated and resampled.

TABLE 16
SPAULDING COMPOSITES SITE
AREA AD, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	AD-BS-1	AD-BS-2	AD-SS-1
Sample Location			Bottom	Bottom	Sidewall
Date Sampled			5/5/2010	5/5/2010	5/5/2010
Compound			Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
METALS					
Zinc	10000	109	1550	7340	53.2

Notes:

1) Total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) mg/kg = milligrams per kilogram (ppm)

*Sample location was overexcavated until it met excavation Area AC.

TABLE 17
SPAULDING COMPOSITES SITE
AREA AE, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	AE-SS-1	AE-SS-2	AE-BS-13	AE-BS-14
Sample Location			Sidewall	Sidewall	Bottom	Bottom
Date Sampled			3/15/2010	3/16/2010	5/5/2010	5/5/2010
Compound			Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
METALS						
Cadmium	4.3	2.5	0.4	0.39	2.36	2.72
Lead	400	63	13.7	15.2	17.3	21.1
Zinc	10000	109	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
PCBs						
Aroclor- 1016	NC	NC	ND	ND	Not Analyzed	Not Analyzed
Aroclor-1221	NC	NC	ND	ND	Not Analyzed	Not Analyzed
Aroclor-1232	NC	NC	ND	ND	Not Analyzed	Not Analyzed
Aroclor-1242	NC	NC	ND	ND	Not Analyzed	Not Analyzed
Aroclor-1248	NC	NC	ND	ND	Not Analyzed	Not Analyzed
Aroclor-1254	NC	NC	ND	ND	Not Analyzed	Not Analyzed
Aroclor-1260	NC	NC	ND	ND	Not Analyzed	Not Analyzed

Notes:

1) Total metals analyzed by USEPA 6000/7000 Series Methods; PCBs analyzed by SW846-8082.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

5) mg/kg = milligrams per kilogram (ppm)

6) NC = No Criteria

7) ND = Analyte included in the analysis, but not detected.

*Sample location was overexcavated and resampled.

TABLE 18
SPAULDING COMPOSITES SITE
AREA AF, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	AF-BS-2	AF-BS-3	AF-BS-6	AF-SS-9	AF-BS-11	AF-BS-12	AF-BS-14	AF-BS-15
Sample Location			Bottom	Bottom	Bottom	Sidewall	Bottom	Bottom	Bottom	Bottom
Date Sampled			3/15/2010	3/29/2010	3/29/2010	4/19/2010	4/19/2010	4/19/2010	5/5/2010	5/5/2010
Compound			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
METALS										
Cadmium	4.3	2.5	0.54	3.48	1.05	1.3	0.39	4.3	Not Analyzed	Not Analyzed
Zinc	10000	109	1580	Not Analyzed	Not Analyzed	3760	61.5	2180	1300	3340

Notes:

1) Total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) mg/kg = milligrams per kilogram (ppm)

*Sample location was overexcavated and resampled.

**Sample location was overexcavated until Area AF joined Area AE; therefore, there was no resample.

TABLE 19
SPAULDING COMPOSITES SITE
AREA AG, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	AG-SS-1	AG-SS-2	AG-BS-1	AG-BS-2	AG-SS-4a	AG-SS-6	AG-SS-9
Sample Location			Sidewall	Sidewall	Bottom	Bottom	Sidewall	Sidewall	Sidewall
Date Sampled			3/12/2010	3/12/2010	3/12/2010	3/12/2010	3/25/2010	3/25/2010	3/25/2010
Compound			Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
METALS									
Zinc	10000	109	71	150	930	1200	9700	3200	8100

Notes:

1) Total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) mg/kg = milligrams per kilogram (ppm)

*Sample location was overexcavated and resampled.

TABLE 19
SPAULDING COMPOSITES SITE
AREA AG, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	AG-SS-10	AG-SS-11
Sample Location			Sidewall	Sidewall
Date Sampled			4/12/2010	4/12/2010
Compound			Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg
METALS				
Zinc	10000	109	400	6800

Notes:

1) Total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) mg/kg = milligrams per kilogram (ppm)

*Sample location was overexcavated and resampled.

TABLE 20
SPAULDING COMPOSITES SITE
AREA AH, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	AH-S1	AH-S2	AH-S3	AH-B2	AH-BS-4	AH-BS-5	AH-BS-8	AH-BS-14	AH-BS-16
Sample Location			Sidewall	Sidewall	Sidewall	Bottom	Bottom	Bottom	Bottom	Bottom	Bottom
Date Sampled			3/12/2010	3/12/2010	3/12/2010	3/12/2010	3/25/2010	3/25/2010	3/25/2010	4/12/2010	4/29/2010
Compound			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs											
Di-n-butylphthalate	100	NC	0.092 J	ND	ND	ND	Not Analyzed	Not Analyzed	Not Analyzed	ND	Not Analyzed
METALS											
Arsenic	16	13	6	2.6	6.9	5.5	Not Analyzed	Not Analyzed	Not Analyzed	4.2	1.55
Copper	270	50	45	16	83	21	Not Analyzed	Not Analyzed	Not Analyzed	20	Not Analyzed
Manganese	2000	1600	590	380	590	1100	Not Analyzed	Not Analyzed	Not Analyzed	720	Not Analyzed
Zinc	10000	109	600	70	5200	1200	6700	5400	77	2100	7730

Notes:

1) PAHs analyzed by SW846-8270C; total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) ND = Analyte included in the analysis, but not detected.

*Sample location was overexcavated and resampled.

TABLE 20
SPAULDING COMPOSITES SITE
AREA AH, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	AH-BS-18	AH-BS-19	AH-BS-21	AH-BS-22	AH-BS-23
Sample Location			Bottom	Bottom	Bottom	Bottom	Bottom
Date Sampled			4/29/2010	4/29/2010	5/5/2010	5/5/2010	5/5/2010
Compound			Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs							
Di-n-butylphthalate	100	NC	Not Analyzed	Not Analyzed	ND	ND	ND
METALS							
Arsenic	16	13	3.2	3.14	3.95	3.35	2.18
Copper	270	50	Not Analyzed	Not Analyzed	19.1	20.7	19
Manganese	2000	1600	Not Analyzed	Not Analyzed	213	450	361
Zinc	10000	109	4310	6920	6340	66.2	6850

Notes:

1) PAHs analyzed by SW846-8270C; total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) ND = Analyte included in the analysis, but not detected.

*Sample location was overexcavated and resampled.

TABLE 21
SPAULDING COMPOSITES SITE
AREA AI, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	AI-BS-1	AI-BS-2	AI-SS-2	AI-SS-4	AI-SS-5
Sample Location			Bottom	Bottom	Sidewall	Sidewall	Sidewall
Date Sampled			2/24/2010	2/24/2010	2/24/2010	2/24/2010	3/24/2010
Compound			Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
METALS							
Arsenic	16	13	5.4	4.6	3.6	11.3	5.6
Copper	270	50	7.2	8.1	21.5	67.8	17.4
Lead	400	63	14.2	11.9	9.8	39.2	16.7
Mercury	0.81	0.18	0.032 B	0.021 B	ND	0.04 B	0.038 B
Zinc	10000	109	1180	1560	78.2	789	1940

Notes:

1) Total metals analyzed by USEPA 6000/7000 Series Methods; mercury analyzed by SW846-7471.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) mg/kg = milligrams per kilogram (ppm)

5) B = Analyte detected in associated trip blank.

*Sample location was overexcavated and resampled.

TABLE 22
SPAULDING COMPOSITES SITE
AREA AJ-a, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	AJ-a-BS-1	AJ-a-BS-4	AJ-a - SS-2	AJ-a-BS-6	AJ-a-BS-7	AJ-a-BS-12	AJ-a-BS-13
Sample Location			Bottom	Bottom	Sidewall	Bottom	Bottom	Bottom	Bottom
Date Sampled			5/7/2010	7/9/2010	7/19/2010	7/26/2010	7/26/2010	7/27/2010	7/27/2010
Compound			Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
METALS									
Cadmium	4.3	2.5	0.933	1.84	3.35	1.58	0.828	0.694	0.686
Copper	270	50	27.6	101	14	69.8	56.5	38.2	30.1
Zinc	10000	109	962	4030	8680	4680	1260	109	83.1

Notes:

1) Total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) mg/kg = milligrams per kilogram (ppm)

*Sample location was overexcavated and resampled.

TABLE 22
SPAULDING COMPOSITES SITE
AREA AJ-a, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	AJ-a-BS-14	AJ-a-BS-15	AJ-a-BS-16	AJ-a-BS-18	AJ-a-BS-19
Sample Location			Bottom	Bottom	Bottom	Bottom	Bottom
Date Sampled			7/27/2010	7/27/2010	8/3/2010	8/10/2010	8/10/2010
Compound			Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
METALS							
Cadmium	4.3	2.5	0.948	0.789	3.47	0.873	1.18
Copper	270	50	31.2	6.99	21.4	25.2	69.2
Zinc	10000	109	95.1	45.5	5630	449	4850

Notes:

1) Total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) mg/kg = milligrams per kilogram (ppm)

*Sample location was overexcavated and resampled.

TABLE 23
SPAULDING COMPOSITES SITE
AREA AJ-b, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	AJ-b-BS-2	AJ-b-BS-4	AJ-b-BS-6	AJ-b-BS-7	AJ-b-BS-8	AJ-b - SS-1	AJ-b - SS-4
Sample Location			Bottom	Bottom	Bottom	Bottom	Bottom	Sidewall	Sidewall
Date Sampled			5/7/2010	5/7/2010	5/7/2010	5/7/2010	5/27/2010	6/8/2010	7/9/2010
Compound			Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
METALS									
Cadmium	4.3	2.5	1.68	4.18	3.7	1.38	0.531	2.68	3.12
Zinc	10000	109	4760	3100	5490	1430	118	3620	8370

Notes:

1) Total metals analyzed by USEPA 6000/7000 Series Methods.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.
5) mg/kg = milligrams per kilogram (ppm)
*Sample location was overexcavated and resampled.

TABLE 23
SPAULDING COMPOSITES SITE
AREA AJ-b, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	AJ-b-BS-14	AJ-b-BS-16
Sample Location			Bottom	Bottom
Date Sampled			7/9/2010	8/4/2010
Compound			Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg
METALS				
Cadmium	4.3	2.5	4.11	0.389 J
Zinc	10000	109	4810	183

Notes:

1) Total metals analyzed by USEPA 6000/7000 Series Methods.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.
5) mg/kg = milligrams per kilogram (ppm)
*Sample location was overexcavated and resampled.

TABLE 24
SPAULDING COMPOSITES SITE
AREA AK-a, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	AK-a-BS-1	AK-a-SS-1	AK-a-BS-3	AK-a-SS-2
Sample Location			Bottom	Sidewall	Bottom	Sidewall
Date Sampled			5/20/2010	6/3/2010	6/23/2010	7/15/2010
Compound			Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs						
Naphthalene	100	12	ND	ND	ND	ND
2-Methylnaphthalene	NC	NC	ND	ND	ND	ND
Acenaphthylene	100	100	ND	ND	ND	ND
Acenaphthene	100	20	ND	ND	ND	ND
Fluorene	100	30	ND	ND	ND	ND
Phenanthrene	100	100	ND	ND	ND	ND
Anthracene	100	100	ND	ND	ND	ND
Fluoranthene	100	100	0.159 J	ND	ND	ND
Pyrene	100	100	0.103 J	ND	ND	ND
Benzo (a) anthracene	1	1	ND	ND	ND	ND
Chrysene	3.9	1	ND	ND	ND	ND
Benzo (b) fluoranthene	1	1	ND	ND	ND	ND
Benzo (k) fluoranthene	3.9	0.8	ND	ND	ND	ND
Benzo (a) pyrene	1	1	ND	ND	ND	ND
Indeno (1,2,3-cd) pyrene	0.5	0.5	ND	ND	ND	ND
Dibenzo (a,h) anthracene	0.33	0.33	ND	ND	ND	ND
Benzo (g,h,i) perylene	100	100	ND	ND	ND	ND
METALS						
Manganese	2000	1600	479	577	486	500

Notes:

1) PAHs analyzed by SW846-8270C; total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) NC = No Criteria

7) ND = Analyte included in the analysis, but not detected.

*Sample location was overexcavated and resampled.

TABLE 25
SPAULDING COMPOSITES SITE
AREA AK-b, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	AK-b - SS-2	AK-b - BS-2	AK-b - BS-3	AK-b - BS-4	AK-b - BS-5	AK-b - BS-6	AK-b - BS-9	AK-b - BS-10
Sample Location			Sidewall	Bottom	Bottom	Bottom	Bottom	Bottom	Bottom	Bottom
Date Sampled			5/27/2010	6/3/2010	6/23/2010	7/29/2010	7/29/2010	7/29/2010	7/29/2010	7/29/2010
Compound			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
METALS										
Cadmium	4.3	2.5	0.7	1.09	1.29	1.53	1.91	0.752	1.68	0.964
Chromium	180	30	31.7	28.7	26.5	22.2	23.7	26.9	21.9	29.3
Copper	270	50	22	30.6	23.9	22.3	45.7	28.2	34.5	26.2
Zinc	10000	109	2040	115	87.6	472	4050	245	4650	1420

Notes:

1) Total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

*Sample location was overexcavated and resampled.

*Sample location was overexcavated until Area AK-b joined Area AI; therefore, there was no resample.

TABLE 25
SPAULDING COMPOSITES SITE
AREA AK-b, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	AK-b - BS-12	AK-b - BS-13	AK-b - BS-14
Sample Location			Bottom	Bottom	Bottom
Date Sampled			8/9/2010	8/17/2010	8/17/2010
Compound			Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
METALS					
Cadmium	4.3	2.5	0.251	0.442 J	0.828
Chromium	180	30	24.8	24.8	24.4
Copper	270	50	22.2	24.2	24
Zinc	10000	109	65.6	73	300

Notes:

1) Total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

*Sample location was overexcavated and resampled.

*Sample location was overexcavated until Area AK-b joined Area AI; therefore, there was no resample.

TABLE 26
SPAULDING COMPOSITES SITE
AREA AK-c, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	AK-c - BS-2	AK-c - BS-3	AK-c - SS-3	AK-c - SS-4
Sample Location			Bottom	Bottom	Sidewall	Sidewall
Date Sampled			5/27/2010	6/3/2010	6/23/2010	6/23/2010
Compound			Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
METALS						
Cadmium	4.3	2.5	1.57	2.35	3.23	1.5
Chromium	180	30	38.2	28.9	26.5	26.2
Copper	270	50	23.7	35.5	17.5	20.5
Zinc	10000	109	1580	2070	9830	2830

Notes:

1) Total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) mg/kg = milligrams per kilogram (ppm)

*Sample location was overexcavated and resampled.

TABLE 27
SPAULDING COMPOSITES SITE
AREA AL, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	AL-BS-1	AL-BS-2	AL-SS-1	West of Boiler house	West of AL-SS-2	West of AL-SS-3
Sample Location			Bottom	Bottom	Sidewall	Sidewall	Sidewall	Sidewall
Date Sampled			5/7/2010	5/7/2010	6/8/2010	6/23/2010	8/3/2010	8/3/2010
Compound			Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs								
Naphthalene	100	12	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NC	NC	ND	ND	ND	ND	ND	ND
Acenaphthylene	100	100	ND	ND	ND	ND	ND	ND
Acenaphthene	100	20	ND	ND	ND	ND	ND	ND
Fluorene	100	30	ND	ND	ND	ND	ND	ND
Phenanthrene	100	100	ND	ND	ND	ND	ND	ND
Anthracene	100	100	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	100	NC	ND	ND	ND	ND	Not Analyzed	Not Analyzed
Fluoranthene	100	100	ND	ND	ND	0.0376	ND	ND
Pyrene	100	100	ND	ND	ND	ND	ND	ND
Benzo (a) anthracene	1	1	ND	ND	ND	ND	ND	ND
Chrysene	3.9	1	ND	ND	ND	ND	ND	ND
Benzo (b) fluoranthene	1	1	ND	ND	ND	ND	ND	ND
Benzo (k) fluoranthene	3.9	0.8	ND	ND	ND	ND	ND	ND
Benzo (a) pyrene	1	1	ND	ND	ND	ND	ND	ND
Indeno (1,2,3-cd) pyrene	0.5	0.5	ND	ND	ND	ND	ND	ND
Dibenzo (a,h) anthracene	0.33	0.33	ND	ND	ND	ND	ND	ND
Benzo (g,h,i) perylene	100	100	ND	ND	ND	ND	ND	ND
PCBs								
Aroclor- 1016	NC	NC	ND	ND	ND	ND	ND	ND
Aroclor-1221	NC	NC	ND	ND	ND	ND	ND	ND
Aroclor-1232	NC	NC	ND	ND	ND	ND	ND	ND
Aroclor-1242	NC	NC	ND	ND	ND	ND	ND	ND
Aroclor-1248	NC	NC	ND	ND	ND	ND	ND	0.0561
Aroclor-1254	NC	NC	ND	ND	ND	ND	ND	ND
Aroclor-1260	NC	NC	ND	ND	ND	ND	ND	ND
Aroclor-1262	NC	NC	ND	ND	ND	ND	ND	ND
Aroclor-1268	NC	NC	ND	ND	ND	ND	ND	ND
Total PCBs	1	0.1	ND	ND	ND	ND	ND	0.0561
METALS								
Cadmium	4.3	2.5	1.58	1.31	0.68	1.02	0.938	0.675
Chromium	180	30	28	26.6	19.4	17.8	32.3	24.1
Zinc	10000	109	1010	83.7	55.1	727	80.6	63.3

Notes:

1) PAHs analyzed by SW846-8270C; metals analyzed by USEPA 6000/7000 Series Methods; PCBs analyzed by SW846-8082.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) NC = No Criteria

7) ND = Analyte included in the analysis, but not detected.

*Sample location was overexcavated and resampled.

TABLE 28
SPAULDING COMPOSITES SITE
SPAULDITE TUBE, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	Spauldite BS-1	Spauldite BS-2	Spauldite SS-1	Spauldite SS-4	Spauldite SS-5	Spauldite SS-6
Sample Location			Bottom	Bottom	Sidewall	Sidewall	Sidewall	Sidewall
Date Sampled			6/30/2010	6/30/2010	7/13/2010	8/3/2010	8/10/2010	8/10/2010
Compound			Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs								
Naphthalene	100	12	ND	ND	ND	ND	0.158	ND
2-Methylnaphthalene	NC	NC	ND	ND	ND	ND	ND	ND
Acenaphthylene	100	100	ND	ND	ND	ND	ND	ND
Acenaphthene	100	20	ND	ND	ND	ND	0.296	0.238
Fluorene	100	30	ND	ND	ND	ND	0.505	0.253
Phenanthrene	100	100	ND	ND	ND	ND	3.34	1.28
Anthracene	100	100	ND	ND	ND	ND	0.799	0.454
Fluoranthene	100	100	ND	ND	ND	ND	4.24	1.35
Pyrene	100	100	ND	ND	ND	ND	2.75	0.914
Benzo (a) anthracene	1	1	ND	ND	ND	ND	1.37	0.592
Chrysene	3.9	1	ND	ND	ND	ND	1.37	0.518
Benzo (b) fluoranthene	1	1	ND	ND	ND	ND	1.11	0.353
Benzo (k) fluoranthene	3.9	0.8	ND	ND	ND	ND	0.992	0.464
Benzo (a) pyrene	1	1	ND	ND	ND	ND	1.09	0.468
Indeno (1, 2, 3-cd) pyrene	0.5	0.5	ND	ND	ND	ND	0.59	0.21
Dibenzo (a, h) anthracene	0.33	0.33	ND	ND	ND	ND	0.157	ND
Benzo (g, h, i,) perylene	100	100	ND	ND	ND	ND	0.461	0.158 J
METALS								
Copper	270	50	14.3	23	7.76	34.8	56.3	56.8

Notes:

1) PAHs analyzed by SW846-8270C; total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an

5) mg/kg = milligrams per kilogram (ppm)

6) ND = Analyte included in the analysis, but not detected.

7) NC = No Criteria

*Sample location was overexcavated and resampled.

TABLE 29
SPAULDING COMPOSITES SITE
AREA BA, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	BA SS-1	BA BS-1	BA BS-2
Sample Location			Sidewall	Bottom	Bottom
Date Sampled			6/8/2010	6/17/2010	6/17/2010
Compound			Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs					
Naphthalene	100	12	ND	ND	ND
2-Methylnaphthalene	NC	NC	ND	ND	ND
Acenaphthylene	100	100	ND	ND	ND
Acenaphthene	100	20	ND	ND	ND
Fluorene	100	30	ND	ND	ND
Phenanthrene	100	100	ND	ND	ND
Anthracene	100	100	ND	ND	ND
Fluoranthene	100	100	ND	ND	ND
Pyrene	100	100	ND	ND	ND
Benzo (a) anthracene	1	1	ND	ND	ND
Chrysene	3.9	1	ND	ND	ND
Benzo (b) fluoranthene	1	1	ND	ND	ND
Benzo (k) fluoranthene	3.9	0.8	ND	ND	ND
Benzo (a) pyrene	1	1	ND	ND	ND
Indeno (1,2,3-cd) pyrene	0.5	0.5	ND	ND	ND
Dibenzo (a,h) anthracene	0.33	0.33	ND	ND	ND
Benzo (g,h,i) perylene	100	100	ND	ND	ND
PCBs					
Aroclor- 1016	NC	NC	ND	ND	ND
Aroclor-1221	NC	NC	ND	ND	ND
Aroclor-1232	NC	NC	ND	ND	ND
Aroclor-1242	NC	NC	ND	ND	ND
Aroclor-1248	NC	NC	ND	ND	ND
Aroclor-1254	NC	NC	ND	ND	ND
Aroclor-1260	NC	NC	ND	ND	ND
Aroclor-1262	NC	NC	ND	ND	ND
Aroclor-1268	NC	NC	ND	ND	ND
METALS					
Aluminum	NC	NC	20900	Not Analyzed	Not Analyzed
Antimony	NC	NC	2.09 J	Not Analyzed	Not Analyzed
Arsenic	16	13	7.04	2.47	4.42
Barium	400	350	302	Not Analyzed	Not Analyzed
Beryllium	72	7.2	1.02	Not Analyzed	Not Analyzed
Cadmium	4.3	2.5	2.52	0.575 J	1.12
Calcium	NC	NC	2910	Not Analyzed	Not Analyzed
Chromium	180	30	17.2	Not Analyzed	Not Analyzed
Cobalt	NC	NC	5.88	Not Analyzed	Not Analyzed
Copper	270	50	113	Not Analyzed	Not Analyzed
Iron	NC	NC	92100	Not Analyzed	Not Analyzed
Lead	400	63	12.8	Not Analyzed	Not Analyzed
Magnesium	NC	NC	710	Not Analyzed	Not Analyzed
Manganese	2000	1600	104	Not Analyzed	Not Analyzed
Mercury	0.81	0.18	0.0158 J	Not Analyzed	Not Analyzed
Nickel	310	30	10	Not Analyzed	Not Analyzed
Potassium	NC	NC	909	Not Analyzed	Not Analyzed
Selenium	180	3.9	3.57	Not Analyzed	Not Analyzed
Silver	180	2	ND	Not Analyzed	Not Analyzed
Sodium	NC	NC	344	Not Analyzed	Not Analyzed
Thallium	NC	NC	ND	Not Analyzed	Not Analyzed
Vanadium	NC	NC	27.9	Not Analyzed	Not Analyzed
Zinc	10000	109	207	Not Analyzed	Not Analyzed

Notes:

1) PAHs analyzed by SW846-8270C; total metals analyzed by USEPA 6000/7000 Series Methods; PCBs analyzed by SW846-8082.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) ND = Analyte included in the analysis, but not detected.

7) NC = No Criteria

TABLE 30
SPAULDING COMPOSITES SITE
AREA BB, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	BB-BS-1	BB-BS-2	BB-SS-1
Sample Location			Bottom	Bottom	Sidewall
Date Sampled			4/20/2010	4/20/2010	4/20/2010
Compound			Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs					
Naphthalene	100	12	ND	ND	ND
Acenaphthylene	100	100	ND	ND	ND
Acenaphthene	100	20	ND	ND	ND
Fluorene	100	30	ND	ND	0.023 J
Phenanthrene	100	100	ND	ND	0.190 J
Anthracene	100	100	ND	ND	0.059 J
Di-n-butylphthalate	NC	NC	ND	1.1	4.5 E
Fluoranthene	100	100	ND	ND	0.23
Pyrene	100	100	ND	ND	0.170 J
Benzo (a) anthracene	1	1	ND	ND	0.130 J
Chrysene	3.9	1	ND	ND	0.091 J
Benzo (b) fluoranthene	1	1	ND	ND	0.082 J
Benzo (k) fluoranthene	3.9	0.8	ND	ND	0.041 J
Benzo (a) pyrene	1	1	ND	ND	0.066 J
Indeno (1,2,3-cd) pyrene	0.5	0.5	ND	ND	0.036 J
Dibenzo (a,h) anthracene	0.33	0.33	ND	ND	ND
Benzo (g,h,i) perylene	100	100	ND	ND	0.045 J

Notes:

1) PAHs analyzed by SW846-8270C.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

7) ND = Analyte included in the analysis, but not detected.

9) E = Analyte concentration exceeds calibration range of instrument used for analysis.

TABLE 31
SPAULDING COMPOSITES SITE
AREA BC-a, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	BC-a-BS-1	BC-a-BS-2	BC-a-BS-3
Sample Location			Bottom	Bottom	Bottom
Date Sampled			4/8/2010	4/15/2010	4/29/2010
Compound			Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOCs					
Benzene	4.8	0.06	ND	ND	0.0058 J
METALS					
Arsenic	16	13	4.5	6.8	5.18

Notes:

1) VOCs analyzed by SW846-8240; total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) ND = Analyte included in the analysis, but not detected.

TABLE 32
SPAULDING COMPOSITES SITE
AREA BC-b, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	BC-b-BS-1	BC-b-BS-2	BC-b-SS-1	BC-b-SS-2
Sample Location			Bottom	Bottom	Sidewall	Sidewall
Date Sampled			4/8/2010	4/8/2010	4/8/2010	4/8/2010
Compound			Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOCs						
Benzene	4.8	0.06	0.0012 J	0.0023 J	ND	0.0011 J
METALS						
Arsenic	16	13	4	7.1	2.8	4.70

Notes:

1) VOCs analyzed by SW846-8240; total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) ND = Analyte included in the analysis, but not detected.

TABLE 33
SPAULDING COMPOSITES SITE
AREA BC-c, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	BC-C-BS-3	BC-C-BS-4
Sample Location			Bottom	Bottom
Date Sampled			4/28/2010	4/28/2010
Compound			Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg
VOCs				
Benzene	4.8	0.06	ND	ND
METALS				
Arsenic	16	13	2.98	4.36

Notes:

1) VOCs analyzed by SW846-8240; total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) mg/kg = milligrams per kilogram (ppm)

5) ND = Analyte included in the analysis, but not detected.

*Sample location was overexcavated and resampled.

TABLE 34
SPAULDING COMPOSITES SITE
AREA BD, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	BD-BS-1	BD-SS-2	BD-BS-3
Sample Location			Bottom	Sidewall	Bottom
Date Sampled			4/20/2010	5/10/2010	5/10/2010
Compound			Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs					
Naphthalene	100	12	ND	ND	ND
2-Methylnaphthalene	NC	NC	ND	ND	ND
Acenaphthylene	100	100	ND	ND	ND
Acenaphthene	100	20	ND	ND	ND
Fluorene	100	30	ND	ND	ND
Phenanthrene	100	100	ND	ND	ND
Anthracene	100	100	ND	ND	ND
Fluoranthene	100	100	ND	ND	ND
Pyrene	100	100	ND	ND	ND
Benzo (a) anthracene	1	1	ND	ND	ND
Chrysene	3.9	1	ND	ND	ND
Benzo (b) fluoranthene	1	1	ND	ND	ND
Benzo (k) fluoranthene	3.9	0.8	ND	ND	ND
Benzo (a) pyrene	1	1	ND	ND	ND
Indeno (1,2,3-cd) pyrene	0.5	0.5	ND	ND	ND
Dibenzo (a,h) anthracene	0.33	0.33	ND	ND	ND
Benzo (g,h,i) pylene	100	100	ND	ND	ND

Notes:

1) PAHs analyzed by SW846-8270C.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) NC = No Criteria

7) ND = Analyte included in the analysis, but not detected.

8) E = Analyte concentration exceeds calibration range of instrument used for analysis.

*Sample location was overexcavated and resampled.

TABLE 35
SPAULDING COMPOSITES SITE
AREA BE, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	BE - BS-1	BE - BS-2	BE - SS-1
Sample Location			Bottom	Bottom	Sidewall
Date Sampled			4/14/2010	4/14/2010	4/14/2010
Compound			Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
METALS					
Cadmium	4.3	2.5	0.014	0.54	1.1
Lead	400	63	0.54	7.9	9.6
Zinc	10000	109	140	140	390

Notes:

1) Total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) mg/kg = milligrams per kilogram (ppm)

TABLE 36
SPAULDING COMPOSITES SITE
AREA BF, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	BF-1E	BF-2E	BF-3E	BF-4E	BF-5E	BFW-1
Sample Location			Bottom	Bottom	Bottom	Bottom	Bottom	Sidewall
Date Sampled			9/10/2009	9/10/2009	9/10/2009	9/10/2009	9/10/2009	9/21/2009
Compound			Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
METALS								
Barium	400	350	133	134	147	112	87.8	157
Chromium, hexavalent	180	30	ND	ND	ND	ND	ND	ND
Chromium, total	180	30	20.4	18.9	27.8	26.6	12.2	24.9

Notes:

1) Total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) mg/kg = milligrams per kilogram (ppm)

5) ND = Analyte included in the analysis, but not detected.

TABLE 36
SPAULDING COMPOSITES SITE
AREA BF, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	BFW-2	BFW-3	BFW-4	BFW-5	BFW-6	BFW-7
Sample Location			Sidewall	Sidewall	Sidewall	Sidewall	Sidewall	Sidewall
Date Sampled			9/21/2009	9/21/2009	9/21/2009	9/21/2009	9/21/2009	9/21/2009
Compound			Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
METALS								
Barium	400	350	117	145	122	62.7	85.6	74.9
Chromium, hexavalent	180	30	ND	ND	ND	ND	ND	ND
Chromium, total	180	30	18.9	25.6	22.1	13.8	17.5	13.2

Notes:

1) Total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) mg/kg = milligrams per kilogram (ppm)

5) ND = Analyte included in the analysis, but not detected.

TABLE 37
SPAULDING COMPOSITES SITE
AREA BH, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	BH-SS-1	BH-BS-1	BH-BS-2	BH-SS-3
Sample Location			Sidewall	Bottom	Bottom	Sidewall
Date Sampled			3/26/2010	3/26/2010	3/26/2010	4/19/2010
Compound			Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs						
Acenaphthene	100	20	ND	ND	ND	ND
Anthracene	100	100	ND	ND	ND	ND
Benzo (a) anthracene	1	1	ND	0.113	0.0975	0.027 J
Benzo (a) pyrene	1	1	ND	0.09	ND	ND
Benzo (b) fluoranthene	1	1	ND	0.09	ND	ND
Benzo (g,h,i) pylene	100	100	ND	ND	ND	ND
Benzo (k) fluoranthene	3.9	0.8	ND	ND	ND	ND
Chrysene	3.9	1	ND	0.105	0.0941	ND
Dibenzo (a,h) anthracene	0.33	0.33	ND	ND	ND	ND
Fluoranthene	100	100	ND	0.28	0.254	0.042 J
Fluorene	100	30	ND	ND	ND	ND
Indeno (1,2,3-cd) pyrene	0.5	0.5	ND	ND	ND	ND
Naphthalene	100	12	ND	ND	ND	ND
Phenanthrene	100	100	ND	0.253	0.249	0.033 J
Pyrene	100	100	ND	0.185	0.176	ND
METALS						
Aluminum	NC	NC	25000	33300	29100	19100
Antimony	NC	NC	ND	ND	ND	ND
Arsenic	16	13	3.74	4.43	5.09	5.2
Barium	400	350	132	177	177	146
Beryllium	72	7.2	0.92	1.46	1.23	1.1
Cadmium	4.3	2.5	0.501	0.682	0.719	0.42
Calcium	NC	NC	7820	2870	20100	3210
Cobalt	NC	NC	11.7	22	14.6	14.2
Chromium	180	30	30	39.5	36.5	26.8
Copper	270	50	21.3	29.5	30.4	24
Iron	NC	NC	28700	37500	36700	43100
Lead	400	63	13.6	17.7	19.4	10.5
Magnesium	NC	NC	11500	11400	14100	8720
Manganese	2000	1600	388	508	715	480
Mercury	0.81	0.18	0.0228	0.12	0.0241	0.026
Nickel	310	30	26.2	34.9	33.8	34
Potassium	NC	NC	4870	6610	6700	1930
Sodium	NC	NC	163	179	212	120
Selenium	180	3.9	ND	ND	ND	ND
Silver	180	2	ND	0.299	0.375	ND
Thallium	NC	NC	0.909	0.963	1.2	2.9
Vanadium	NC	NC	44.8	57.6	54.8	32.8
Zinc	10000	109	85.7	327	127	67.1

Notes:

1) PAHs analyzed by SW846-8270C; total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) NC = No Criteria

7) ND = Analyte included in the analysis, but not detected.

*Sample location was overexcavated and resampled.

TABLE 38
SPAULDING COMPOSITES SITE
AREA BI, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	BI - BS-1	BI - BS-2	BI - SS-1	BI - SS-3
Sample Location			Bottom	Bottom	Sidewall	Sidewall
Date Sampled			4/14/2010	4/14/2010	4/19/2010	5/27/2010
Compound			Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
METALS						
Cadmium	4.3	2.5	0.76	0.36	0.41	2.58
Lead	400	63	12.5	11.1	11.6	99.6
Zinc	10000	109	2570	114	134	6710

Notes:

1) Total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) mg/kg = milligrams per kilogram (ppm)

*Sample location was overexcavated and resampled.

TABLE 39
SPAULDING COMPOSITES SITE
AREA BK, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	BK-BS-1	BK-BS-2	BK-SS-1
Sample Location			Bottom	Bottom	Sidewall
Date Sampled			4/14/2010	4/14/2010	4/14/2010
Compound			Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs					
Naphthalene	100	12	ND	ND	ND
2-Methylnaphthalene	NC	NC	ND	ND	ND
Acenaphthylene	100	100	ND	ND	ND
Acenaphthene	100	20	0.028 J	ND	ND
Fluorene	100	30	0.031 J	ND	ND
Phenanthrene	100	100	0.26	0.025 J	0.16 J
Anthracene	100	100	0.069 J	ND	ND
Di-n-butylphthalate	100	NC	0.28	ND	ND
Fluoranthene	100	100	0.29	ND	ND
Pyrene	100	100	0.3	ND	ND
Benzo (a) anthracene	1	1	0.17 J	ND	ND
Chrysene	3.9	1	0.13 J	ND	ND
Benzo (b) fluoranthene	1	1	0.13 J	ND	ND
Benzo (k) fluoranthene	3.9	0.8	0.059 J	ND	ND
Benzo (a) pyrene	1	1	0.095 J	ND	ND
Indeno (1,2,3-cd) pyrene	0.5	0.5	0.049 J	ND	ND
Dibenzo (a,h) anthracene	0.33	0.33	ND	ND	ND
Benzo (g,h,i) perylene	100	100	0.062 J	ND	ND
PCBs					
Aroclor- 1016	NC	NC	ND	ND	ND
Aroclor-1221	NC	NC	ND	ND	ND
Aroclor-1232	NC	NC	ND	ND	ND
Aroclor-1242	NC	NC	ND	ND	ND
Aroclor-1248	NC	NC	ND	ND	ND
Aroclor-1254	NC	NC	0.11	ND	ND
Aroclor-1260	NC	NC	ND	ND	ND
Total PCBs	1	0.1	0.11	0	0
METALS					
Aluminum	NC	NC	15900	8490	18200
Antimony	NC	NC	0.27 B	0.25 B	ND
Arsenic	16	13	5.1	3.2	6.2
Barium	400	350	91.5	68.7	368
Beryllium	72	7.2	0.9	0.5	1.1
Cadmium	4.3	2.5	1	0.53	1.9
Calcium	NC	NC	49500	62600	4570
Chromium	180	30	21.6	12.3	22.1
Cobalt	NC	NC	11.4	7.2	10.7
Copper	270	50	27.5	15.9	27.9
Iron	NC	NC	35000	22400	35500
Lead	400	63	12.2	7.8	20.9
Magnesium	NC	NC	11500	13600	5460
Manganese	2000	1600	486	562	190
Mercury	0.81	0.18	0.018 B	0.019 B	0.029 B
Nickel	310	30	26.7	15.8	27.1
Potassium	NC	NC	2710	1530	1720
Selenium	180	3.9	1.7	1.1 B	3.4
Silver	180	2	0.15 B	ND	0.15 B
Sodium	NC	NC	155	144	105
Thallium	NC	NC	2.3	2.3	1.3
Vanadium	NC	NC	29.5	18.3	31.6
Zinc	10000	109	117	51.4	670

Notes:

1) PAHs analyzed by SW846-8270; total metals analyzed by USEPA 6000/7000 Series Methods; PCBs analyzed by SW846-8082
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values
4) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.
8) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration
9) B = Analyte detected in associated trip blank.

TABLE 40
SPAULDING COMPOSITES SITE
K LINE SEWER, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	K LINE-SS-1	K LINE--SS-2	K LINE--SS-3	K LINE--SS-4	K LINE--SS-6
Sample Location			Sidewall	Sidewall	Sidewall	Sidewall	Sidewall
Date Sampled			5/12/2010	5/12/2010	5/12/2010	5/12/2010	5/13/2010
Compound			Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs							
Naphthalene	100	12	0.166 J	0.14 J	ND	ND	ND
2-Methylnaphthalene	NC	NC	ND	ND	ND	ND	ND
Acenaphthylene	100	100	ND	ND	ND	ND	ND
Acenaphthene	100	20	ND	ND	ND	ND	ND
Fluorene	100	30	ND	ND	ND	ND	ND
Hexachlorobenzene	1.2	0.33	ND	ND	ND	ND	ND
Phenanthrene	100	100	0.0724 J	ND	ND	ND	ND
Anthracene	100	100	ND	ND	ND	ND	ND
Fluoranthene	100	100	0.115 J	ND	ND	ND	ND
Pyrene	100	100	0.0917 J	ND	ND	ND	ND
Benzo (a) anthracene	1	1	0.0703 J	ND	ND	ND	ND
Chrysene	3.9	1	0.0657 J	ND	ND	ND	ND
Benzo (b) fluoranthene	1	1	ND	ND	ND	ND	ND
Benzo (k) fluoranthene	3.9	0.8	0.0552 J	ND	ND	ND	ND
Benzo (a) pyrene	1	1	0.0521 J	ND	ND	ND	ND
Indeno (1,2,3-cd) pyrene	0.5	0.5	ND	ND	ND	ND	ND
Dibenzo (a,h) anthracene	0.33	0.33	ND	ND	ND	ND	ND
Dibenzofuran	59	7	ND	ND	ND	ND	ND
Benzo (g,h,i) pylene	100	100	ND	ND	ND	ND	ND
Pentachlorophenol	6.7	0.8	ND	ND	ND	ND	ND
Phenol	100	0.33	ND	ND	ND	ND	ND
PCBs							
Aroclor- 1016	NC	NC	ND	ND	ND	ND	ND
Aroclor-1221	NC	NC	ND	ND	ND	ND	ND
Aroclor-1232	NC	NC	ND	ND	ND	ND	ND
Aroclor-1242	NC	NC	ND	ND	ND	ND	ND
Aroclor-1248	NC	NC	ND	ND	ND	ND	ND
Aroclor-1254	NC	NC	ND	ND	ND	ND	ND
Aroclor-1260	NC	NC	ND	ND	ND	ND	ND
Aroclor-1262	NC	NC	ND	ND	ND	ND	ND
Aroclor-1268	NC	NC	ND	ND	ND	ND	ND
METALS							
Aluminum	NC	NC	4230	20100	15200	11500	13300
Antimony	NC	NC	1.33 J	ND	ND	ND	ND
Arsenic	16	13	14.7	1.98	3.48	4.12	2.08
Barium	400	350	261	136	134	106	112
Beryllium	72	7.2	0.896	1.13	0.953	0.695	0.732
Cadmium	4.3	2.5	2.14	1.04	0.97	0.782	1.12
Calcium	NC	NC	23200	5810	5130	52400	60800
Chromium	180	30	7.17	27.5	21.6	16.9	19
Cobalt	NC	NC	3.33	12.2	10	8.54	9.82
Copper	270	50	81.2	23.1	34.2	20.5	34.2
Iron	NC	NC	60500	38300	33000	21000	23900
Lead	400	63	10.7	8.55	10.7	7.71	17
Magnesium	NC	NC	4170	13300	7100	16400	15600
Manganese	2000	1600	224	548	226	406	582
Mercury	0.81	0.18	0.0508	0.0228 J	0.0431	0.0171 J	0.0233 J
Nickel	310	30	5.1	29	21	18.6	20.8
Potassium	NC	NC	878	2480	1810	2350	2190
Selenium	180	3.9	4.52	1.39 J	1.21 J	0.993 J	0.935 J
Silver	180	2	ND	ND	ND	ND	ND
Sodium	NC	NC	135	121	82.2	165	135
Thallium	NC	NC	ND	ND	ND	ND	ND
Vanadium	NC	NC	18.8	31.6	25.9	20.9	27.1
Zinc	10000	109	80.1	64.8	141	52.8	553

Notes:

1) PAHs analyzed by SW846-8270; total metals analyzed by USEPA 6000/7000 Series Methods; PCBs analyzed by SW846-8082.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) NC = No Criteria

7) ND = Analyte included in the analysis, but not detected.

*Sample location was overexcavated and resampled.

TABLE 40
SPAULDING COMPOSITES SITE
K LINE SEWER, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	K LINE--SS-7	K LINE--SS-8	K LINE--SS-9
Sample Location			Sidewall	Sidewall	Sidewall
Date Sampled			5/13/2010	5/13/2010	6/9/2010
Compound			Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs					
Naphthalene	100	12	ND	ND	ND
2-Methylnaphthalene	NC	NC	ND	ND	ND
Acenaphthylene	100	100	ND	ND	ND
Acenaphthene	100	20	ND	ND	0.0831 J
Fluorene	100	30	ND	ND	0.0898 J
Hexachlorobenzene	1.2	0.33	ND	ND	ND
Phenanthrene	100	100	ND	ND	0.873
Anthracene	100	100	ND	ND	0.302
Fluoranthene	100	100	ND	ND	1.12
Pyrene	100	100	ND	ND	0.84
Benzo (a) anthracene	1	1	ND	ND	0.412
Chrysene	3.9	1	ND	ND	0.42
Benzo (b) fluoranthene	1	1	ND	ND	0.284
Benzo (k) fluoranthene	3.9	0.8	ND	ND	0.328
Benzo (a) pyrene	1	1	ND	ND	0.332
Indeno (1,2,3-cd) pyrene	0.5	0.5	ND	ND	0.172 J
Dibenzo (a,h) anthracene	0.33	0.33	ND	ND	0.0463 J
Dibenzofuran	59	7	ND	ND	ND
Benzo (g,h,i) pylene	100	100	ND	ND	0.164 J
Pentachlorophenol	6.7	0.8	ND	ND	ND
Phenol	100	0.33	ND	ND	ND
PCBs					
Aroclor- 1016	NC	NC	ND	ND	ND
Aroclor-1221	NC	NC	ND	ND	ND
Aroclor-1232	NC	NC	ND	ND	ND
Aroclor-1242	NC	NC	ND	ND	ND
Aroclor-1248	NC	NC	ND	ND	ND
Aroclor-1254	NC	NC	ND	ND	ND
Aroclor-1260	NC	NC	ND	ND	ND
Aroclor-1262	NC	NC	ND	ND	ND
Aroclor-1268	NC	NC	ND	ND	ND
METALS					
Aluminum	NC	NC	19100	20900	4460
Antimony	NC	NC	0.667 J	ND	ND
Arsenic	16	13	2.65	3.07	1.34 J
Barium	400	350	146	141	20.6
Beryllium	72	7.2	1.04	1.07	0.347 J
Cadmium	4.3	2.5	1.08	1.28	0.459 J
Calcium	NC	NC	15500	4640	85500
Chromium	180	30	25.4	26.1	7.7
Cobalt	NC	NC	12.8	14.4	2.75
Copper	270	50	22.8	21.7	11.6
Iron	NC	NC	27100	28800	11700
Lead	400	63	9.02	17.5	6.71
Magnesium	NC	NC	12500	6980	41400
Manganese	2000	1600	481	541	304
Mercury	0.81	0.18	0.0216 J	0.0488	0.0119 J
Nickel	310	30	30	24.2	6.07
Potassium	NC	NC	2510	2330	1080
Selenium	180	3.9	1.28 J	1.63 J	0.313 J
Silver	180	2	ND	ND	ND
Sodium	NC	NC	116	95.3	177
Thallium	NC	NC	ND	ND	ND
Vanadium	NC	NC	34	38.4	12.3
Zinc	10000	109	59.5	187	51.2

Notes:

1) PAHs analyzed by SW846-8270; total metals analyzed by USEPA 6000/7000 Series Methods; PCBs analyzed by SW846-8082.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) NC = No Criteria

7) ND = Analyte included in the analysis, but not detected.

*Sample location was overexcavated and resampled.

TABLE 41
SPAULDING COMPOSITES SITE
AREA - DITCH A, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	Ditch-A-SS-1	Ditch-A-SS-2	Ditch-A-BS-1
Sample Location			Sidewall	Sidewall	Bottom
Date Sampled			5/5/2010	5/5/2010	5/5/2010
Compound			Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs					
Naphthalene	100	12	Not Analyzed	Not Analyzed	Not Analyzed
2-Methylnaphthalene	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed
Acenaphthylene	100	100	Not Analyzed	Not Analyzed	Not Analyzed
Acenaphthene	100	20	Not Analyzed	Not Analyzed	Not Analyzed
Fluorene	100	30	Not Analyzed	Not Analyzed	Not Analyzed
Phenanthrene	100	100	Not Analyzed	Not Analyzed	Not Analyzed
Anthracene	100	100	Not Analyzed	Not Analyzed	Not Analyzed
Di-n-butylphthalate	100	NC	19.3 D	0.0312 J	0.926
Fluoranthene	100	100	Not Analyzed	Not Analyzed	Not Analyzed
Pyrene	100	100	Not Analyzed	Not Analyzed	Not Analyzed
Benzo (a) anthracene	1	1	Not Analyzed	Not Analyzed	Not Analyzed
Chrysene	3.9	1	Not Analyzed	Not Analyzed	Not Analyzed
Benzo (b) fluoranthene	1	1	Not Analyzed	Not Analyzed	Not Analyzed
Benzo (k) fluoranthene	3.9	0.8	Not Analyzed	Not Analyzed	Not Analyzed
Benzo (a) pyrene	1	1	Not Analyzed	Not Analyzed	Not Analyzed
Indeno (1, 2, 3-cd) pyrene	0.5	0.5	Not Analyzed	Not Analyzed	Not Analyzed
Dibenzo (a, h) anthracene	0.33	0.33	Not Analyzed	Not Analyzed	Not Analyzed
Benzo (g, h, i,) perylene	100	100	Not Analyzed	Not Analyzed	Not Analyzed
METALS					
Aluminum	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed
Antimony	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed
Arsenic	16	13	Not Analyzed	Not Analyzed	Not Analyzed
Barium	400	350	Not Analyzed	Not Analyzed	Not Analyzed
Beryllium	72	7.2	Not Analyzed	Not Analyzed	Not Analyzed
Cadmium	4.3	2.5	Not Analyzed	Not Analyzed	Not Analyzed
Calcium	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed
Chromium	180	30	Not Analyzed	Not Analyzed	Not Analyzed
Cobalt	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed
Copper	270	50	Not Analyzed	Not Analyzed	Not Analyzed
Iron	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed
Lead	400	63	Not Analyzed	Not Analyzed	Not Analyzed
Magnesium	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed
Manganese	2000	1600	Not Analyzed	Not Analyzed	Not Analyzed
Mercury	0.81	0.18	Not Analyzed	Not Analyzed	Not Analyzed
Nickel	310	30	Not Analyzed	Not Analyzed	Not Analyzed
Potassium	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed
Selenium	180	3.9	Not Analyzed	Not Analyzed	Not Analyzed
Silver	180	2	Not Analyzed	Not Analyzed	Not Analyzed
Sodium	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed
Thallum	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed
Vanadium	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed
Zinc	10000	109	Not Analyzed	Not Analyzed	Not Analyzed
Cyanide	27	27	Not Analyzed	Not Analyzed	Not Analyzed
PCBs					
Aroclor-1016	NC	NC	ND	ND	ND
Aroclor-1221	NC	NC	ND	ND	ND
Aroclor-1232	NC	NC	ND	ND	ND
Aroclor-1242	NC	NC	ND	ND	ND
Aroclor-1248	NC	NC	0.164	0.0204 J	0.0468
Aroclor-1254	NC	NC	ND	ND	0.0702
Aroclor-1260	NC	NC	ND	ND	ND
Aroclor-1262	NC	NC	ND	ND	ND
Aroclor-1268	NC	NC	ND	ND	ND
Total PCBs	1	0.1	0.164	0.0204	0.117

Notes:
1) PAHs analyzed by SW846-8270C; total metals analyzed by USEPA 6000/7000 Series Methods; PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.
8) B = Analyte detected in associated trip blank.
9) D = Reported value is from a dilution of the original sample.
*Sample location was overexcavated and resampled.

TABLE 41
SPAULDING COMPOSITES SITE
AREA - DITCH A, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	Ditch-A-BS-2	Ditch-A-BS 3	Ditch-A-BS 4
Sample Location			Bottom	Bottom	Bottom
Date Sampled			5/5/2010	5/27/2010	5/27/2010
Compound			Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs					
Naphthalene	100	12	Not Analyzed	ND	ND
2-Methylnaphthalene	NC	NC	Not Analyzed	ND	ND
Acenaphthylene	100	100	Not Analyzed	ND	ND
Acenaphthene	100	20	Not Analyzed	ND	ND
Fluorene	100	30	Not Analyzed	ND	ND
Phenanthrene	100	100	Not Analyzed	ND	ND
Anthracene	100	100	Not Analyzed	ND	ND
Di-n-butylphthalate	100	NC	2.68	ND	1.75
Fluoranthene	100	100	Not Analyzed	ND	ND
Pyrene	100	100	Not Analyzed	ND	ND
Benzo (a) anthracene	1	1	Not Analyzed	ND	ND
Chrysene	3.9	1	Not Analyzed	ND	ND
Benzo (b) fluoranthene	1	1	Not Analyzed	ND	ND
Benzo (k) fluoranthene	3.9	0.8	Not Analyzed	ND	ND
Benzo (a) pyrene	1	1	Not Analyzed	ND	ND
Indeno (1, 2, 3-cd) pyrene	0.5	0.5	Not Analyzed	ND	ND
Dibenzo (a, h) anthracene	0.33	0.33	Not Analyzed	ND	ND
Benzo (g, h, i,) perylene	100	100	Not Analyzed	ND	ND
METALS					
Aluminum	NC	NC	Not Analyzed	7690	13600
Antimony	NC	NC	Not Analyzed	ND	ND
Arsenic	16	13	Not Analyzed	1.71	1.77
Barium	400	350	Not Analyzed	68.6	96.3
Beryllium	72	7.2	Not Analyzed	0.411 J	0.705
Cadmium	4.3	2.5	Not Analyzed	0.396 J	0.411 J
Calcium	NC	NC	Not Analyzed	56700	31400
Chromium	180	30	Not Analyzed	11.5	20.1
Cobalt	NC	NC	Not Analyzed	7.16	7.48
Copper	270	50	Not Analyzed	16.4	16.9
Iron	NC	NC	Not Analyzed	13400 B	20100 B
Lead	400	63	Not Analyzed	13.2	8.37
Magnesium	NC	NC	Not Analyzed	16900	17900
Manganese	2000	1600	Not Analyzed	433	248
Mercury	0.81	0.18	Not Analyzed	0.0055 J	0.0137 J
Nickel	310	30	Not Analyzed	14.1	19.8
Potassium	NC	NC	Not Analyzed	1340	1920
Selenium	180	3.9	Not Analyzed	0.336 J	0.487 J
Silver	180	2	Not Analyzed	ND	ND
Sodium	NC	NC	Not Analyzed	147	188
Thallum	NC	NC	Not Analyzed	ND	ND
Vanadium	NC	NC	Not Analyzed	16	24.3
Zinc	10000	109	Not Analyzed	67.5	78
Cyanide	27	27	Not Analyzed	ND	ND
PCBs					
Aroclor-1016	NC	NC	ND	ND	ND
Aroclor-1221	NC	NC	ND	ND	ND
Aroclor-1232	NC	NC	ND	ND	ND
Aroclor-1242	NC	NC	ND	ND	ND
Aroclor-1248	NC	NC	0.402	ND	ND
Aroclor-1254	NC	NC	0.44	ND	ND
Aroclor-1260	NC	NC	ND	ND	ND
Aroclor-1262	NC	NC	ND	ND	ND
Aroclor-1268	NC	NC	ND	ND	ND
Total PCBs	1	0.1	0.842	ND	ND

Notes:
1) PAHs analyzed by SW846-8270C; total metals analyzed by USEPA 6000/7000 Series Methods; PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.
8) B = Analyte detected in associated trip blank.
9) D = Reported value is from a dilution of the original sample.
*Sample location was overexcavated and resampled.

TABLE 41
SPAULDING COMPOSITES SITE
AREA - DITCH A, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	Ditch-A-SS-1A	Ditch-A-SS-2A	Ditch-A-BS-1A	Ditch-A-BS-2A
Sample Location			Sidewall	Sidewall	Bottom	Bottom
Date Sampled			5/28/2010	5/28/2010	5/28/2010	5/28/2010
Compound			Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs						
Naphthalene	100	12	ND	ND	ND	ND
2-Methylnaphthalene	NC	NC	ND	ND	ND	ND
Acenaphthylene	100	100	ND	ND	ND	ND
Acenaphthene	100	20	ND	ND	ND	ND
Fluorene	100	30	ND	ND	ND	ND
Phenanthrene	100	100	ND	ND	ND	ND
Anthracene	100	100	ND	ND	ND	ND
Di-n-butylphthalate	100	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Fluoranthene	100	100	ND	ND	ND	0.0889 J
Pyrene	100	100	ND	ND	ND	ND
Benzo (a) anthracene	1	1	ND	ND	ND	ND
Chrysene	3.9	1	ND	ND	ND	ND
Benzo (b) fluoranthene	1	1	ND	ND	ND	ND
Benzo (k) fluoranthene	3.9	0.8	ND	ND	ND	ND
Benzo (a) pyrene	1	1	ND	ND	ND	ND
Indeno (1, 2, 3-cd) pyrene	0.5	0.5	ND	ND	ND	ND
Dibenzo (a, h) anthracene	0.33	0.33	ND	ND	ND	ND
Benzo (g, h, i,) perylene	100	100	ND	ND	ND	ND
METALS						
Aluminum	NC	NC	16100	19300	12600	7180
Antimony	NC	NC	ND	ND	ND	ND
Arsenic	16	13	4.02	4.05	1.87	1.47 J
Barium	400	350	120	132	111	46.7
Beryllium	72	7.2	1.03	0.947	0.649	0.351 J
Cadmium	4.3	2.5	0.954	0.732	0.641	0.488 J
Calcium	NC	NC	2410	2420	71000	57200
Chromium	180	30	21.3	24.8	17.6	10.8
Cobalt	NC	NC	13.5	8.72	7.33	5.23
Copper	270	50	20.4	19.8	18.9	14.3
Iron	NC	NC	22500 B	23100 B	17700 B	12600 B
Lead	400	63	13.5	9.22	9.05	7.58
Magnesium	NC	NC	4780	5780	19100	16700
Manganese	2000	1600	509	307	417	479
Mercury	0.81	0.18	0.0206 J	0.0249 J	0.0118 J	0.0068 J
Nickel	310	30	22.3	27	17	11
Potassium	NC	NC	2240	2410	2280	1360
Selenium	180	3.9	0.947 J	0.951 J	0.606 J	0.456 J
Silver	180	2	ND	ND	ND	ND
Sodium	NC	NC	75.2	110	143	132
Thallum	NC	NC	ND	ND	ND	ND
Vanadium	NC	NC	29.5	31.9	24.8	16.9
Zinc	10000	109	1100	62.5	65	80.2
Cyanide	27	27	ND	ND	ND	ND
PCBs						
Aroclor-1016	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Aroclor-1221	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Aroclor-1232	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Aroclor-1242	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Aroclor-1248	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Aroclor-1254	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Aroclor-1260	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Aroclor-1262	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Aroclor-1268	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Total PCBs	1	0.1	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed

Notes:
1) PAHs analyzed by SW846-8270C; total metals analyzed by USEPA 6000/7000 Series Methods; PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.
8) B = Analyte detected in associated trip blank.
9) D = Reported value is from a dilution of the original sample.
*Sample location was overexcavated and resampled.

TABLE 42
SPAULDING COMPOSITES SITE
AREA - DITCH B, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	Ditch-B-BS 1	Ditch-B-BS 2
Sample Location			Bottom	Bottom
Date Sampled			4/27/2010	4/27/2010
Compound			Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg
PAHs				
Di-n-butylphthalate	100	NC	0.136	2.38
PCBs				
Aroclor-1016	NC	NC	ND	ND
Aroclor-1221	NC	NC	ND	ND
Aroclor-1232	NC	NC	ND	ND
Aroclor-1242	NC	NC	ND	ND
Aroclor-1248	NC	NC	0.0462	0.103
Aroclor-1254	NC	NC	ND	ND
Aroclor-1260	NC	NC	ND	ND
Aroclor-1262	NC	NC	ND	ND
Aroclor-1268	NC	NC	ND	ND
Total PCBs	1	0.1	0.0462	0.103
METALS				
Arsenic	16	13	11	9.01
Cadium	4.3	2.5	1.97	2.44

Notes:

1) PAHs analyzed by SW846-8270C; PCBs analyzed by SW846-8082.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) mg/kg = milligrams per kilogram (ppm)

5) NC = No Criteria

6) ND = Analyte included in the analysis, but not detected.

TABLE 43
SPAULDING COMPOSITES SITE
RAILROAD, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	WA-4-RR-BS-1	WA-4-RR-BS-2	WA-4-RR-BS-3	RR-BS-6
Sample Location			Bottom	Bottom	Bottom	Bottom
Date Sampled			6/11/2010	6/11/2010	6/11/2010	6/22/2010
Compound			Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs						
Naphthalene	100	12	ND	ND	ND	ND
2-Methylnaphthalene	NC	NC	ND	ND	ND	ND
Acenaphthylene	100	100	ND	ND	ND	ND
Acenaphthene	100	20	ND	ND	ND	ND
Fluorene	100	30	ND	ND	ND	ND
Phenanthrene	100	100	0.21	ND	ND	ND
Anthracene	100	100	ND	ND	ND	ND
Fluoranthene	100	100	0.377	ND	0.166 J	ND
Pyrene	100	100	0.346	ND	0.169 J	ND
Benzo (a) anthracene	1	1	0.205	ND	0.113 J	ND
Chrysene	3.9	1	0.29	ND	0.151 J	ND
Benzo (b) fluoranthene	1	1	0.223	ND	0.122 J	ND
Benzo (k) fluoranthene	3.9	0.8	0.269	ND	0.167 J	ND
Benzo (a) pyrene	1	1	0.244	ND	0.121 J	ND
Indeno (1,2,3-cd) pyrene	0.5	0.5	0.123 J	ND	ND	ND
Dibenzo (a,h) anthracene	0.33	0.33	ND	ND	ND	ND
Benzo (g,h,i) perylene	100	100	0.13 J	ND	ND	ND
METALS						
Aluminum	NC	NC	4950	6670	5670	12200
Antimony	NC	NC	ND	0.718 J	0.93 J	ND
Arsenic	16	13	14.5	8.75	9.24	9.83
Barium	400	350	57.1	107	64.6	76.7
Beryllium	72	7.2	0.663	0.715	0.761	1.34
Cadmium	4.3	2.5	0.914	0.755	0.917	0.706
Calcium	NC	NC	6420	7500	9360	72300
Chromium	180	30	10.8	9.54	9.87	12.1
Cobalt	NC	NC	4.96	7.65	4.6	8.61
Copper	270	50	30.3	29.7	31.2	17.4
Iron	NC	NC	18000	19800	24900	17500
Lead	400	63	57.5	26.9	25.2	7.36
Magnesium	NC	NC	2600	2690	2470	14200
Manganese	2000	1600	182	1120	297	529
Mercury	0.81	0.18	0.134	0.0572	0.122	0.0086 J
Nickel	310	30	12	14.9	11.9	19.4
Potassium	NC	NC	786	1090	751	1640
Selenium	180	3.9	1.21 J	1.34 J	1.32 J	1.54 J
Silver	180	2	ND	ND	ND	ND
Sodium	NC	NC	105	182	120	172
Thallium	NC	NC	ND	ND	ND	ND
Vanadium	NC	NC	14	13.9	12	16.1
Zinc	10000	109	156	126	206	94.3

Notes:

1) PAHs analyzed by SW846-8270C; total metals analyzed by USEPA 6000/7000 Series Methods; PCBs analyzed by SW846-8082.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) ND = Analyte included in the analysis, but not detected.

7) NC = No Criteria

*Sample location was overexcavated and resampled.

TABLE 43
SPAULDING COMPOSITES SITE
RAILROAD, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	RR-BS-7	RR-BS-8	RR-BS-9	RR-E
Sample Location			Bottom	Bottom	Bottom	Bottom
Date Sampled			6/22/2010	6/22/2010	6/22/2010	6/23/2010
Compound			Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs						
Naphthalene	100	12	ND	ND	ND	ND
2-Methylnaphthalene	NC	NC	ND	ND	ND	ND
Acenaphthylene	100	100	ND	ND	ND	ND
Acenaphthene	100	20	ND	ND	ND	ND
Fluorene	100	30	ND	ND	ND	ND
Phenanthrene	100	100	ND	ND	0.159	ND
Anthracene	100	100	ND	ND	ND	ND
Fluoranthene	100	100	ND	ND	0.212	ND
Pyrene	100	100	ND	ND	0.152 J	ND
Benzo (a) anthracene	1	1	ND	ND	0.0867 J	ND
Chrysene	3.9	1	ND	ND	0.0898 J	ND
Benzo (b) fluoranthene	1	1	ND	ND	ND	ND
Benzo (k) fluoranthene	3.9	0.8	ND	ND	ND	ND
Benzo (a) pyrene	1	1	ND	ND	ND	ND
Indeno (1,2,3-cd) pyrene	0.5	0.5	ND	ND	ND	ND
Dibenzo (a,h) anthracene	0.33	0.33	ND	ND	ND	ND
Benzo (g,h,i) perylene	100	100	ND	ND	ND	ND
METALS						
Aluminum	NC	NC	26000	16900	15400	Not Analyzed
Antimony	NC	NC	ND	ND	BRL	Not Analyzed
Arsenic	16	13	2.82	4.24	4.5	Not Analyzed
Barium	400	350	135	117	135	Not Analyzed
Beryllium	72	7.2	1.71	1.01	0.898	Not Analyzed
Cadmium	4.3	2.5	1.04	0.826	0.855	Not Analyzed
Calcium	NC	NC	3250	5060	3370	Not Analyzed
Chromium	180	30	32.7	24.4	22.2	Not Analyzed
Cobalt	NC	NC	21.4	10.7	9.44	Not Analyzed
Copper	270	50	24.7	22.5	20.6	Not Analyzed
Iron	NC	NC	46100	24800	21500	Not Analyzed
Lead	400	63	13.7	14.8	9.93	Not Analyzed
Magnesium	NC	NC	9650	9940	4930	Not Analyzed
Manganese	2000	1600	204	256	256	451
Mercury	0.81	0.18	0.0203 J	0.0149 J	0.0193 J	Not Analyzed
Nickel	310	30	31	24.8	23.1	Not Analyzed
Potassium	NC	NC	3380	2580	2140	Not Analyzed
Selenium	180	3.9	1.31 J	1.07 J	0.702 J	Not Analyzed
Silver	180	2	ND	ND	ND	Not Analyzed
Sodium	NC	NC	149	114	107	Not Analyzed
Thallium	NC	NC	ND	ND	ND	Not Analyzed
Vanadium	NC	NC	40.4	29.5	27.7	Not Analyzed
Zinc	10000	109	100	86.6	225	Not Analyzed

Notes:

1) PAHs analyzed by SW846-8270C; total metals analyzed by USEPA 6000/7000 Series Methods; PCBs analyzed by SW846-8082.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) ND = Analyte included in the analysis, but not detected.

7) NC = No Criteria

*Sample location was overexcavated and resampled.

TABLE 43
SPAULDING COMPOSITES SITE
RAILROAD, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	S-10	RR-BS-13	RR-BS-19	RR-BS-22
Sample Location			Bottom	Bottom	Bottom	Bottom
Date Sampled			6/25/2010	6/25/2010	6/28/2010	7/13/2010
Compound			Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs						
Naphthalene	100	12	Not Analyzed	ND	ND	ND
2-Methylnaphthalene	NC	NC	Not Analyzed	ND	0.0897 J	ND
Acenaphthylene	100	100	Not Analyzed	ND	ND	ND
Acenaphthene	100	20	Not Analyzed	ND	ND	ND
Fluorene	100	30	Not Analyzed	ND	ND	ND
Phenanthrene	100	100	Not Analyzed	0.265	0.103	ND
Anthracene	100	100	Not Analyzed	ND	ND	ND
Fluoranthene	100	100	Not Analyzed	0.295	0.174	ND
Pyrene	100	100	Not Analyzed	0.213	0.133	ND
Benzo (a) anthracene	1	1	Not Analyzed	0.136 J	0.0888 J	ND
Chrysene	3.9	1	Not Analyzed	0.138 J	0.101	ND
Benzo (b) fluoranthene	1	1	Not Analyzed	ND	0.0706 J	ND
Benzo (k) fluoranthene	3.9	0.8	Not Analyzed	0.124 J	0.0936 J	ND
Benzo (a) pyrene	1	1	Not Analyzed	0.0967 J	0.0916 J	ND
Indeno (1,2,3-cd) pyrene	0.5	0.5	Not Analyzed	ND	0.0477 J	ND
Dibenzo (a,h) anthracene	0.33	0.33	Not Analyzed	ND	ND	ND
Benzo (g,h,i) perylene	100	100	Not Analyzed	ND	0.0487 J	ND
METALS						
Aluminum	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Antimony	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Arsenic	16	13	1.9	7.02	7.21	7.28
Barium	400	350	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Beryllium	72	7.2	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Cadmium	4.3	2.5	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Calcium	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Chromium	180	30	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Cobalt	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Copper	270	50	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Iron	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Lead	400	63	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Magnesium	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Manganese	2000	1600	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Mercury	0.81	0.18	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Nickel	310	30	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Potassium	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Selenium	180	3.9	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Silver	180	2	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Sodium	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Thallium	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Vanadium	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Zinc	10000	109	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed

Notes:

1) PAHs analyzed by SW846-8270C; total metals analyzed by USEPA 6000/7000 Series Methods; PCBs analyzed by SW846-8082.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) ND = Analyte included in the analysis, but not detected.

7) NC = No Criteria

*Sample location was overexcavated and resampled.

TABLE 43
SPAULDING COMPOSITES SITE
RAILROAD, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	RR-BS-24	RR-BS-25	RR-BS-26	RR-SS-01
Sample Location			Bottom	Bottom	Bottom	Sidewall
Date Sampled			7/15/2010	7/20/2010	7/20/2010	8/4/2010
Compound			Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs						
Naphthalene	100	12	ND	ND	ND	ND
2-Methylnaphthalene	NC	NC	ND	0.11 J	ND	ND
Acenaphthylene	100	100	ND	ND	ND	0.112 J
Acenaphthene	100	20	ND	ND	ND	ND
Fluorene	100	30	ND	ND	0.17 J	ND
Phenanthrene	100	100	ND	ND	ND	0.141 J
Anthracene	100	100	ND	ND	ND	ND
Fluoranthene	100	100	ND	ND	ND	0.357
Pyrene	100	100	ND	ND	ND	0.42
Benzo (a) anthracene	1	1	ND	ND	ND	0.303
Chrysene	3.9	1	ND	ND	ND	0.349
Benzo (b) fluoranthene	1	1	ND	ND	ND	0.494
Benzo (k) fluoranthene	3.9	0.8	ND	ND	ND	0.57
Benzo (a) pyrene	1	1	ND	ND	ND	0.415
Indeno (1,2,3-cd) pyrene	0.5	0.5	ND	ND	ND	0.215
Dibenzo (a,h) anthracene	0.33	0.33	ND	ND	ND	ND
Benzo (g,h,i) perylene	100	100	ND	ND	ND	0.201
METALS						
Aluminum	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Antimony	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Arsenic	16	13	6.19	1.75	3.35	10.5
Barium	400	350	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Beryllium	72	7.2	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Cadmium	4.3	2.5	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Calcium	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Chromium	180	30	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Cobalt	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Copper	270	50	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Iron	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Lead	400	63	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Magnesium	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Manganese	2000	1600	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Mercury	0.81	0.18	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Nickel	310	30	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Potassium	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Selenium	180	3.9	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Silver	180	2	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Sodium	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Thallium	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Vanadium	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Zinc	10000	109	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed

Notes:

1) PAHs analyzed by SW846-8270C; total metals analyzed by USEPA 6000/7000 Series Methods; PCBs analyzed by SW846-8082.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) ND = Analyte included in the analysis, but not detected.

7) NC = No Criteria

*Sample location was overexcavated and resampled.

TABLE 43
SPAULDING COMPOSITES SITE
RAILROAD, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	RR-SS-03
Sample Location			Sidewall
Date Sampled			8/11/2010
Compound			Soil
Units	mg/kg	mg/kg	mg/kg
PAHs			
Naphthalene	100	12	ND
2-Methylnaphthalene	NC	NC	ND
Acenaphthylene	100	100	ND
Acenaphthene	100	20	ND
Fluorene	100	30	ND
Phenanthrene	100	100	ND
Anthracene	100	100	ND
Fluoranthene	100	100	ND
Pyrene	100	100	ND
Benzo (a) anthracene	1	1	ND
Chrysene	3.9	1	ND
Benzo (b) fluoranthene	1	1	ND
Benzo (k) fluoranthene	3.9	0.8	ND
Benzo (a) pyrene	1	1	ND
Indeno (1,2,3-cd) pyrene	0.5	0.5	ND
Dibenzo (a,h) anthracene	0.33	0.33	ND
Benzo (g,h,i) perylene	100	100	ND
METALS			
Aluminum	NC	NC	Not Analyzed
Antimony	NC	NC	Not Analyzed
Arsenic	16	13	7.44
Barium	400	350	Not Analyzed
Beryllium	72	7.2	Not Analyzed
Cadmium	4.3	2.5	Not Analyzed
Calcium	NC	NC	Not Analyzed
Chromium	180	30	Not Analyzed
Cobalt	NC	NC	Not Analyzed
Copper	270	50	Not Analyzed
Iron	NC	NC	Not Analyzed
Lead	400	63	Not Analyzed
Magnesium	NC	NC	Not Analyzed
Manganese	2000	1600	Not Analyzed
Mercury	0.81	0.18	Not Analyzed
Nickel	310	30	Not Analyzed
Potassium	NC	NC	Not Analyzed
Selenium	180	3.9	Not Analyzed
Silver	180	2	Not Analyzed
Sodium	NC	NC	Not Analyzed
Thallium	NC	NC	Not Analyzed
Vanadium	NC	NC	Not Analyzed
Zinc	10000	109	Not Analyzed

Notes:

1) PAHs analyzed by SW846-8270C; total metals analyzed by USEPA 6000/7000 Series Methods; PCBs analyzed by SW846-8082.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) ND = Analyte included in the analysis, but not detected.

7) NC = No Criteria

*Sample location was overexcavated and resampled.

TABLE 44
SPAULDING COMPOSITES SITE
COAL CONVEYOR, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	Coal Conveyor BS-1	Coal Conveyor SS-2	Coal Conveyor SS-3
Sample Location			Bottom	Sidewall	Sidewall
Date Sampled			7/29/2010	7/29/2010	8/9/2010
Compound			Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PAHs					
Naphthalene	100	12	ND	ND	ND
2-Methylnaphthalene	NC	NC	ND	ND	ND
Acenaphthylene	100	100	ND	ND	ND
Acenaphthene	100	20	ND	ND	ND
Fluorene	100	30	ND	ND	ND
Phenanthrene	100	100	ND	ND	ND
Anthracene	100	100	ND	ND	ND
Fluoranthene	100	100	ND	ND	ND
Pyrene	100	100	ND	ND	ND
Benzo (a) anthracene	1	1	ND	ND	ND
Chrysene	3.9	1	ND	ND	ND
Benzo (b) fluoranthene	1	1	ND	ND	ND
Benzo (k) fluoranthene	3.9	0.8	ND	ND	ND
Benzo (a) pyrene	1	1	ND	ND	ND
Indeno (1,2,3-cd) pyrene	0.5	0.5	ND	ND	ND
Dibenzo (a,h) anthracene	0.33	0.33	ND	ND	ND
Benzo (g,h,i) perylene	100	100	ND	ND	ND
METALS					
Arsenic	16	13	15.2	6.41	7.83
Cadmium	4.3	2.5	0.702	0.922	1.14

Notes:

1) PAHs analyzed by SW846-8270C; total metals analyzed by USEPA 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) ND = Analyte included in the analysis, but not detected.

7) NC = No Criteria

*Sample location was overexcavated and resampled.

TABLE 45
SPAULDING COMPOSITES SITE
SEWER PIPE AT GIBSON/DODGE, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	SEWER PIPE-BS-1	SEWER PIPE-SS-3	SEWER PIPE-SS-4	SEWER PIPE-SS-7
Sample Location			Bottom	Sidewall	Sidewall	Sidewall
Date Sampled			8/17/2010	8/17/2010	8/17/2010	9/7/2010
Compound			Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOCS						
Acetone	100	0.05	ND	ND	ND	Not Analyzed
Benzene	4.8	0.06	ND	ND	ND	Not Analyzed
2-Butanone (MEK)	100	0.12	ND	ND	ND	Not Analyzed
n-Butylbenzene	100	12	ND	ND	ND	Not Analyzed
sec-Butylbenzene	100	11	ND	ND	ND	Not Analyzed
tert-Butylbenzene	100	5.9	ND	ND	ND	Not Analyzed
Carbon tetrachloride	2.4	0.76	ND	ND	ND	Not Analyzed
Chlorobenzene	100	1.1	ND	ND	ND	Not Analyzed
Chloroform	49	0.37	ND	ND	ND	Not Analyzed
1,2-Dichlorobenzene	100	1.1	ND	ND	ND	Not Analyzed
1,3-Dichlorobenzene	49	2.4	ND	ND	ND	Not Analyzed
1,4-Dichlorobenzene	13	1.8	ND	ND	ND	Not Analyzed
1,2-Dichloroethane	3.1	0.02	ND	ND	ND	Not Analyzed
1,1-Dichloroethene	100	0.33	ND	ND	ND	Not Analyzed
cis-1,2-Dichloroethene	100	0.25	ND	ND	ND	Not Analyzed
trans-1,2-Dichloroethene	100	0.19	ND	ND	ND	Not Analyzed
Ethylbenzene	41	1	0.107	ND	ND	Not Analyzed
Methyl tert-butyl ether	100	0.93	ND	ND	ND	Not Analyzed
Naphthalene	100	12	ND	ND	ND	Not Analyzed
n-Propylbenzene	100	3.9	ND	ND	ND	Not Analyzed
Toluene	100	0.7	14.2 E	ND	ND	Not Analyzed
1,1,1-Trichloroethane	100	0.68	ND	ND	ND	Not Analyzed
Trichloroethene	21	0.47	ND	ND	ND	Not Analyzed
1,2,4-Trimethylbenzene	52	3.6	ND	ND	ND	Not Analyzed
1,3,5-Trimethylbenzene	52	8.4	ND	ND	ND	Not Analyzed
Vinyl chloride	0.9	0.02	ND	ND	ND	Not Analyzed
m,p-Xylene	N/A	N/A	0.491	ND	ND	Not Analyzed
o-Xylene	N/A	N/A	0.17	ND	ND	Not Analyzed
Xylene (total)	100	0.26	0.661	ND	ND	Not Analyzed

Notes:

1) VOCs analyzed by SW846-8240; PAHs analyzed by SW846-8270; total metals analyzed by USEPA 6000/7000 Series Methods

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) ND = Analyte included in the analysis, but not detected.

7) NC = No Criteria

*Sample location was overexcavated and resampled.

TABLE 45
SPAULDING COMPOSITES SITE
SEWER PIPE AT GIBSON/DODGE, OPERABLE UNIT 6
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	SEWER PIPE-BS-1	SEWER PIPE-SS-3	SEWER PIPE-SS-4	SEWER PIPE-SS-7
Sample Location			Bottom	Sidewall	Sidewall	Sidewall
Date Sampled			8/17/2010	8/17/2010	8/17/2010	9/7/2010
Compound			Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOCS						
Naphthalene	100	12	ND	ND	ND	ND
Acenaphthylene	100	100	ND	ND	ND	ND
Acenaphthene	100	20	ND	ND	ND	ND
Fluorene	100	30	ND	ND	ND	ND
Hexachlorobenzene	1.2	0.33	ND	ND	ND	ND
Phenanthrene	100	100	ND	ND	ND	0.0981 J
Anthracene	100	100	ND	ND	ND	0.031 J
Fluoranthene	100	100	ND	ND	ND	0.143 J
Pyrene	100	100	ND	ND	ND	0.109 J
Benzo (a) anthracene	1	1	ND	ND	ND	0.0719 J
Chrysene	3.9	1	ND	ND	ND	0.0645 J
Benzo (b) fluoranthene	1	1	ND	ND	ND	0.0671 J
Benzo (k) fluoranthene	3.9	0.8	ND	ND	ND	0.0585 J
Benzo (a) pyrene	1	1	ND	ND	ND	0.0658 J
Indeno (1,2,3-cd) pyrene	0.5	0.5	ND	ND	ND	0.0271 J
Dibenzo (a,h) anthracene	0.33	0.33	ND	ND	ND	ND
Dibenzofuran	59	7	ND	ND	ND	ND
Benzo (g,h,i) perylene	100	100	ND	ND	ND	0.0258 J
Pentachlorophenol	6.7	0.8	ND	ND	ND	ND
Phenol	100	0.33	ND	ND	ND	ND
METALS						
Aluminum	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Antimony	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Arsenic	16	13	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Barium	400	350	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Beryllium	72	7.2	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Cadmium	4.3	2.5	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Calcium	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Chromium	180	30	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Cobalt	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Copper	270	50	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Iron	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Lead	400	63	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Magnesium	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Manganese	2000	1600	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Mercury	0.81	0.18	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Nickel	310	30	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Potassium	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Selenium	180	3.9	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Silver	180	2	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Sodium	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Thallium	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Vanadium	NC	NC	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed
Zinc	10000	109	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed

Notes:

1) VOCs analyzed by SW846-8240; PAHs analyzed by SW846-8270; total metals analyzed by USEPA 6000/7000 Series Methods

2) Shaded areas indicate result exceeds NYSDEC Part 375 Residential Soil Guidance Values.

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) ND = Analyte included in the analysis, but not detected.

7) NC = No Criteria

*Sample location was overexcavated and resampled.

TABLE 46
SPAULDING COMPOSITES SITE
SPAULDITE SHEET BASEMENT, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	38-001A	38-002A	38-003	38-004	38-005	38-006B	38-007B	38-008B
Sample Location			Bottom	Bottom	Bottom	Bottom	Bottom	Bottom	Bottom	Bottom
Date Sampled			2/24/2010	2/24/2010	2/18/2010	2/18/2010	2/18/2010	3/1/2010	3/1/2010	3/1/2010
Compound			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs										
Aroclor-1242	NC	NC	ND (0.25)	ND (0.27)	ND (0.26)	ND (0.22)	ND (0.22)	ND (0.020)	ND (0.018)	ND (0.018)
Aroclor-1248	NC	NC	ND (0.25)	0.071 J	0.79	0.63	0.63	ND (0.020)	ND (0.018)	0.025
Aroclor-1254	NC	NC	ND (0.25)	ND (0.27)	ND (0.26)	ND (0.22)	ND (0.22)	ND (0.020)	ND (0.018)	ND (0.018)
Aroclor-1260	NC	NC	ND (0.25)	ND (0.27)	ND (0.26)	ND (0.22)	ND (0.22)	ND (0.020)	ND (0.018)	ND (0.018)
Total PCBs	1	0.1	ND (0.25)	0.071 J	0.79	0.63	0.63	ND (0.020)	ND (0.018)	0.025

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) J = detected above the MDL, but below the RL; therefore,
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.

TABLE 46
SPAULDING COMPOSITES SITE
SPAULDITE SHEET BASEMENT, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	38-009	38-010	38-011B	38-012	38-013	38-014	38-015B	38-016
Sample Location			Bottom	Bottom	Bottom	Bottom	Bottom	Bottom	Bottom	Bottom
Date Sampled			2/18/2010	2/18/2010	3/1/2010	2/18/2010	2/18/2010	2/18/2010	3/1/2010	2/18/2010
Compound			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs										
Aroclor-1242	NC	NC	ND (0.21)	ND (0.23)	ND (0.020)	ND (0.25)	ND (0.23)	ND (0.25)	ND (0.019)	ND (0.21)
Aroclor-1248	NC	NC	0.26	0.12 J	0.010 J	0.86	0.10 J	0.17 J	0.15	0.42
Aroclor-1254	NC	NC	ND (0.21)	ND (0.23)	ND (0.020)	ND (0.25)	ND (0.23)	ND (0.25)	ND (0.019)	ND (0.21)
Aroclor-1260	NC	NC	ND (0.21)	ND (0.23)	ND (0.020)	ND (0.25)	ND (0.23)	ND (0.25)	ND (0.019)	ND (0.21)
Total PCBs	1	0.1	0.26	0.12 J	0.010 J	0.86	0.10 J	0.17 J	0.15	0.42

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) J = detected above the MDL, but below the RL; therefore,
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.

TABLE 46
SPAULDING COMPOSITES SITE
SPAULDITE SHEET BASEMENT, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	38-017	38-018	38-019A	38-020	38-021	38-022
Sample Location			Bottom	Bottom	Bottom	Bottom	Bottom	Bottom
Date Sampled			2/18/2010	2/18/2010	2/25/2010	2/18/2010	2/18/2010	2/18/2010
Compound			Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs								
Aroclor-1242	NC	NC	ND (0.28)	ND (0.21)	ND (0.24)	ND (0.21)	ND (0.25)	ND (0.26)
Aroclor-1248	NC	NC	ND (0.28)	0.20 J	ND (0.24)	0.74	0.13 J	0.55
Aroclor-1254	NC	NC	ND (0.28)	ND (0.21)	ND (0.24)	ND (0.21)	ND (0.25)	ND (0.26)
Aroclor-1260	NC	NC	ND (0.28)	ND (0.21)	ND (0.24)	ND (0.21)	ND (0.25)	ND (0.26)
Total PCBs	1	0.1	ND (0.28)	0.20 J	ND (0.24)	0.74	0.13 J	0.55

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) J = detected above the MDL, but below the RL; therefore,
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.

TABLE 47
SPAULDING COMPOSITES SITE
K-LINE SEWER, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	38-023	38-025	38-026	38-027	38-028	38-029
Sample Location			Bottom	Sidewall	Sidewall	Sidewall	Bottom	Sidewall
Date Sampled			3/4/2010	3/4/2010	3/4/2010	3/4/2010	3/4/2010	3/4/2010
Compound			Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs								
Aroclor-1242	NC	NC	ND (0.25)	ND (0.24)	ND (0.24)	ND (0.20)	ND (0.24)	ND (0.24)
Aroclor-1248	NC	NC	ND (0.25)	ND (0.24)	ND (0.24)	0.093 J	ND (0.24)	ND (0.24)
Aroclor-1254	NC	NC	ND (0.25)	ND (0.24)	ND (0.24)	ND (0.20)	ND (0.24)	ND (0.24)
Aroclor-1260	NC	NC	ND (0.25)	ND (0.24)	ND (0.24)	ND (0.20)	ND (0.24)	ND (0.24)
Total PCBs	1	0.1	ND (0.25)	ND (0.24)	ND (0.24)	0.093 J	ND (0.24)	ND (0.24)
METALS								
Arsenic	16	13	2.8	3.1	2.6	1.1 J	3.0	3.7
Barium	400	350	117.0	83.3	87.2	48.1	87.1	91.9
Chromium	180	30	10.4	11.1	12.0	8.97	14.1	18.7

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) J = detected above the MDL, but below the RL; therefore,
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.

TABLE 47
SPAULDING COMPOSITES SITE
K-LINE SEWER, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	38-030	38-031	38-032	38-033	38-034
Sample Location			Sidewall	Sidewall	Sidewall	Sidewell	Bottom
Date Sampled			3/4/2010	3/4/2010	3/4/2010	3/4/2010	3/4/2010
Compound			Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs							
Aroclor-1242	NC	NC	ND (0.24)	ND (0.25)	ND (0.27)	ND (0.21)	ND (0.25)
Aroclor-1248	NC	NC	ND (0.24)	ND (0.25)	ND (0.27)	0.19 J	1.2
Aroclor-1254	NC	NC	ND (0.24)	ND (0.25)	ND (0.27)	ND (0.21)	ND (0.25)
Aroclor-1260	NC	NC	ND (0.24)	ND (0.25)	ND (0.27)	ND (0.21)	ND (0.25)
Total PCBs	1	0.1	ND (0.24)	ND (0.25)	ND (0.27)	0.19 J	1.2
METALS							
Arsenic	16	13	3.0	3.9	4.6	2.5	3.1
Barium	400	350	91.5	105.0	163.0	97.5	87.1
Chromium	180	30	11.0	19.5	18.3	9.78	10.7

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) J = detected above the MDL, but below the RL; therefore,
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.

TABLE 48
SPAULDING COMPOSITES SITE
SWMU 12, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	LS-1	LS-2	LS-3	LS-4	LS-5	LS-6	LS-7	LS-8
Sample Location			Sidewall	Sidewall	Sidewall	Sidewall	Sidewall	Bottom	Sidewall	Bottom
Date Sampled			7/22/2004	7/26/2004	7/27/2004	7/27/2004	7/27/2004	7/27/2004	7/27/2004	7/27/2004
Compound			Soil	Soil	Soil	Soil	Soil	Soil	Fill	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs										
Aroclor-1242	NC	NC								
Aroclor-1248	NC	NC							0.74	
Aroclor-1254	NC	NC							0.73	
Aroclor-1260	NC	NC								
Total PCBs	1	0.1	ND (0.059)	ND (0.06)	ND (0.059)	ND (0.059)	ND (0.059)	ND (0.059)	1.47	ND (0.059)

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) mg/kg = milligrams per kilogram (ppm)
5) NC = No Criteria
6) ND = Analyte included in the analysis, but not detected.

TABLE 48
SPAULDING COMPOSITES SITE
SWMU 12, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	LS-10	LS-11	LS-12	LS-13	LS-14	LS-15	LS-16	LS-17
Sample Location			Sidewall	Bottom	Sidewall	Sidewall	Bottom	Sidewall	Sidewall	Bottom
Date Sampled			7/30/2004	7/30/2004	7/30/2004	7/30/2004	7/30/2004	7/30/2004	8/5/2004	8/5/2004
Compound			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs										
Aroclor-1242	NC	NC								
Aroclor-1248	NC	NC								
Aroclor-1254	NC	NC								
Aroclor-1260	NC	NC								
Total PCBs	1	0.1	ND (0.059)	ND (0.059)	ND (0.059)	ND (0.059)	ND (0.059)	ND (0.059)	ND (0.059)	ND (0.059)

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) mg/kg = milligrams per kilogram (ppm)
5) NC = No Criteria
6) ND = Analyte included in the analysis, but not detected.

TABLE 48
SPAULDING COMPOSITES SITE
SWMU 12, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	LS-18	LS-19	LS-20	LS-21	LS-22	LS-23	LS-24	LS-25
Sample Location			Sidewall	Sidewall	Bottom	Sidewall	Sidewall	Sidewall	Sidewall	Bottom
Date Sampled			8/5/2004	8/5/2004	8/5/2004	8/5/2004	8/9/2004	8/9/2004	8/9/2004	8/9/2004
Compound			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs										
Aroclor-1242	NC	NC								
Aroclor-1248	NC	NC							1.0	
Aroclor-1254	NC	NC								
Aroclor-1260	NC	NC								
Total PCBs	1	0.1	ND (0.059)	ND (0.059)	ND (0.059)	ND (0.059)	ND (0.059)	ND (0.059)	1.0	ND (0.059)

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) mg/kg = milligrams per kilogram (ppm)
5) NC = No Criteria
6) ND = Analyte included in the analysis, but not detected.

TABLE 48
SPAULDING COMPOSITES SITE
SWMU 12, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	LS-27	LS-28	LS-29	LS-30	LS-31	LS-32	LS-34	LS-35
Sample Location			Sidewall	Sidewall	Sidewall	Sidewall	Bottom	Bottom	Sidewall	Sidewall
Date Sampled			8/9/2004	8/9/2004	8/9/2004	8/9/2004	8/9/2004	8/9/2004	8/9/2004	8/9/2004
Compound			Fill	Fill	Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs										
Aroclor-1242	NC	NC								
Aroclor-1248	NC	NC	5.7	1.8	0.41	0.051	3.8			0.089
Aroclor-1254	NC	NC								
Aroclor-1260	NC	NC								
Total PCBs	1	0.1	5.7	1.8	0.41	0.051	3.8	ND (0.059)	ND (0.059)	0.089

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) mg/kg = milligrams per kilogram (ppm)
5) NC = No Criteria
6) ND = Analyte included in the analysis, but not detected.

TABLE 49
SPAULDING COMPOSITES SITE
NORTHWEST DITCH, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	DS-2	DS-3	DS-4	DS-5	DS-6	DS-19	DS-20	DS-39
Sample Location			Sidewall	Sidewall	Bottom	Sidewall	Sidewall	Bottom	Sidewall	Bottom
Date Sampled			9/1/2004	9/1/2004	9/1/2004	9/1/2004	9/1/2004	9/20/2004	9/20/2004	10/8/2004
Compound			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs										
Aroclor-1242	NC	NC								
Aroclor-1248	NC	NC		0.40	1.3	0.16	0.14	0.18		11.0
Aroclor-1254	NC	NC								
Aroclor-1260	NC	NC								
Total PCBs	1	0.1	ND (0.059)	0.40	1.3	0.16	0.14	0.18	ND (0.059)	11.0

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) mg/kg = milligrams per kilogram (ppm)
5) NC = No Criteria
6) ND = Analyte included in the analysis, but not detected.

TABLE 50
SPAULDING COMPOSITES SITE
SOUTHEAST DITCH, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	DS-7	DS-8	DS-9	DS-10	DS-11	DS-12
Sample Location			Bottom	Sidewall	Sidewall	Sidewall	Sidewall	Bottom
Date Sampled			9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004	9/2/2004
Compound			Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs								
Aroclor-1242	NC	NC						
Aroclor-1248	NC	NC	0.055	0.044				
Aroclor-1254	NC	NC						
Aroclor-1260	NC	NC						
Total PCBs	1	0.1	0.055	0.044	ND (0.059)	ND (0.059)	ND (0.059)	ND (0.059)

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) mg/kg = milligrams per kilogram (ppm)
5) NC = No Criteria
6) ND = Analyte included in the analysis, but not detected.

TABLE 50
SPAULDING COMPOSITES SITE
SOUTHEAST DITCH, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	DS-13	DS-14	DS-15	DS-16	DS-63
Sample Location			Sidewall	Sidewall	Bottom	Sidewall	Sidewall
Date Sampled			9/2/2004	9/2/2004	9/2/2004	9/2/2004	2/4/2005
Compound			Soil	Soil	Soil	Soil	Fill
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs							
Aroclor-1242	NC	NC					
Aroclor-1248	NC	NC	0.11				2.5
Aroclor-1254	NC	NC					
Aroclor-1260	NC	NC					
Total PCBs	1	0.1	0.11	ND (0.059)	ND (0.059)	ND (0.059)	2.5

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) mg/kg = milligrams per kilogram (ppm)
5) NC = No Criteria
6) ND = Analyte included in the analysis, but not detected.

TABLE 51
SPAULDING COMPOSITES SITE
ROADWAY DITCH, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	DS-22	DS-26	DS-28	DS-31	DS-32	DS-38	DS-40	DS-42
Sample Location			Bottom	Bottom	Sidewall	Sidewall	Sidewall	Sidewall	Bottom	Sidewall
Date Sampled			9/20/2004	9/20/2004	9/20/2004	9/20/2004	9/20/2004	10/8/2004	10/8/2004	10/8/2004
Compound			Soil	Soil	Soil	Soil	Fill	Fill	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs										
Aroclor-1242	NC	NC								
Aroclor-1248	NC	NC	0.35	0.067	0.61	0.15	0.063	0.087		0.54
Aroclor-1254	NC	NC								
Aroclor-1260	NC	NC								
Total PCBs	1	0.1	0.35	0.067	0.61	0.15	0.063	0.087	ND (0.059)	0.54

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) mg/kg = milligrams per kilogram (ppm)
5) NC = No Criteria
6) ND = Analyte included in the analysis, but not detected.

TABLE 51
SPAULDING COMPOSITES SITE
ROADWAY DITCH, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	DS-44	DS-45	DS-46	DS-47	DS-50	DS-51	DS-52	DS-53
Sample Location			Sidewall	Bottom	Sidewall	Sidewall	Sidewall	Bottom	Sidewall	Sidewall
Date Sampled			10/8/2004	10/8/2004	10/8/2004	10/13/2004	10/20/2004	10/20/2004	10/20/2004	10/20/2004
Compound			Soil	Soil	Soil	Fill	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs										
Aroclor-1242	NC	NC								
Aroclor-1248	NC	NC				5.1				
Aroclor-1254	NC	NC								
Aroclor-1260	NC	NC								
Total PCBs	1	0.1	ND (0.059)	ND (0.059)	ND (0.059)	5.1	ND (1.0)	ND (1.0)	ND (1.1)	ND (1.1)

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) mg/kg = milligrams per kilogram (ppm)
5) NC = No Criteria
6) ND = Analyte included in the analysis, but not detected.

TABLE 51
SPAULDING COMPOSITES SITE
ROADWAY DITCH, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	DS-54	DS-55	DS-56	DS-57	DS-58	DS-59	DS-60
Sample Location			Bottom	Sidewall	Bottom	Sidewall	Sidewall	Sidewall	Sidewall
Date Sampled			10/20/2004	10/21/2004	10/27/2004	10/27/2004	10/27/2004	10/27/2004	2/4/2005
Compound			Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs									
Aroclor-1242	NC	NC							
Aroclor-1248	NC	NC			3.7				0.1
Aroclor-1254	NC	NC							
Aroclor-1260	NC	NC							
Total PCBs	1	0.1	ND (0.059)	ND (1.2)	3.7	ND (1.2)	ND (1.1)	ND (1.1)	0.1

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) mg/kg = milligrams per kilogram (ppm)
5) NC = No Criteria
6) ND = Analyte included in the analysis, but not detected.

TABLE 52
SPAULDING COMPOSITES SITE
BERM, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	BS-1	BS-2	BS-3
Sample Location			Bottom	Bottom	Bottom
Date Sampled			10/26/2004	10/26/2004	10/26/2004
Compound			Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs					
Aroclor-1242	NC	NC			
Aroclor-1248	NC	NC	7.6		
Aroclor-1254	NC	NC			
Aroclor-1260	NC	NC			
Total PCBs	1	0.1	7.6	ND (1.1)	ND (1.2)

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) mg/kg = milligrams per kilogram (ppm)
5) NC = No Criteria
6) ND = Analyte included in the analysis, but not detected.

TABLE 53
SPAULDING COMPOSITES SITE
SWMU 38, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	TS-1	TS-3	TS-5	TS-6	TS-7	TS-8	TS-10	TS-11
Sample Location			Sidewall	Sidewall	Sidewall	Bottom	Bottom	Bottom	Bottom	Sidewall
Date Sampled			9/24/2004	9/24/2004	9/24/2004	10/5/2004	10/5/2004	10/5/2004	10/5/2004	10/5/2004
Compound			Soil	Gravel	Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs										
Aroclor-1242	NC	NC								
Aroclor-1248	NC	NC			2.8	0.097	0.052	0.13	1.5	0.48
Aroclor-1254	NC	NC								
Aroclor-1260	NC	NC								
Total PCBs	1	0.1	ND (1.2)	ND (1.2)	2.8	0.097	0.052	0.13	1.5	0.48

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) mg/kg = milligrams per kilogram (ppm)
5) NC = No Criteria
6) ND = Analyte included in the analysis, but not detected.

TABLE 53
SPAULDING COMPOSITES SITE
SWMU 38, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	TS-12	TS-13	TS-14	TS-15	TS-16	TS-17	TS-18	TS-19
Sample Location			Sidewall	Bottom	Sidewall	Sidewall	Sidewall	Sidewall	Sidewall	Sidewall
Date Sampled			10/5/2004	10/12/2004	10/13/2004	10/13/2004	10/20/2004	10/20/2004	10/20/2004	10/20/2004
Compound			Soil	Soil	Soil	Fill	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs										
Aroclor-1242	NC	NC								
Aroclor-1248	NC	NC	1.0	4.3	1.3	1.6		0.98	0.57	
Aroclor-1254	NC	NC								
Aroclor-1260	NC	NC								
Total PCBs	1	0.1	1.0	4.3	1.3	1.6	ND (1.0)	0.98	0.57	ND (1.1)

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) mg/kg = milligrams per kilogram (ppm)
5) NC = No Criteria
6) ND = Analyte included in the analysis, but not detected.

TABLE 53
SPAULDING COMPOSITES SITE
SWMU 38, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	TS-20	TS-21	TS-22	TS-23	TS-26	TS-27	TS-29	TS-30
Sample Location			Bottom	Sidewall	Sidewall	Sidewall	Sidewall	Bottom	Sidewall	Sidewall
Date Sampled			10/20/2004	10/21/2004	10/21/2004	10/21/2004	10/21/2004	10/21/2004	10/22/2004	10/22/2004
Compound			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs										
Aroclor-1242	NC	NC								
Aroclor-1248	NC	NC	4.4	0.84						
Aroclor-1254	NC	NC								
Aroclor-1260	NC	NC								
Total PCBs	1	0.1	4.4	0.84	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) mg/kg = milligrams per kilogram (ppm)
5) NC = No Criteria
6) ND = Analyte included in the analysis, but not detected.

TABLE 53
SPAULDING COMPOSITES SITE
SWMU 38, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	TS-31	TS-32	TS-34	TS-35	TS-36	TS-37	TS-38	TS-39
Sample Location			Bottom	Bottom	Bottom	Bottom	Bottom	Sidewall	Sidewall	Sidewall
Date Sampled			10/22/2004	10/22/2004	4/18/2006	4/18/2006	4/18/2006	9/7/2006	9/7/2006	9/7/2006
Compound			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs										
Aroclor-1242	NC	NC							0.18	
Aroclor-1248	NC	NC			2.0	0.47	1.5	0.15		
Aroclor-1254	NC	NC								
Aroclor-1260	NC	NC								
Total PCBs	1	0.1	ND (1.2)	ND (1.2)	2.0	0.47	1.5	0.15	0.18	ND (0.02)

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) mg/kg = milligrams per kilogram (ppm)
5) NC = No Criteria
6) ND = Analyte included in the analysis, but not detected.

TABLE 54
SPAULDING COMPOSITES SITE
AOC 48, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	48-1C	48-2C	48-3C	48-4C2	48-5C	48-6C	48-7C	48-8C
Sample Location			Bottom	Bottom	Bottom	Bottom	Bottom	Bottom	Bottom	Bottom
Date Sampled			10/5/2005	10/5/2005	10/5/2005	10/12/2005	10/12/2005	10/27/2005	10/27/2005	10/27/2005
Compound			Soil	Soil	Soil	Fill	Fill	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs										
Aroclor-1242	NC	NC								
Aroclor-1248	NC	NC								
Aroclor-1254	NC	NC								
Aroclor-1260	NC	NC	0.73			0.27	0.27			
Total PCBs	1	0.1	0.73	ND (0.019)	ND (0.030)	0.27	0.27	ND (0.110)	ND (0.110)	ND (0.094)

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) J = detected above the MDL, but below the RL; therefore,
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.

TABLE 54
SPAULDING COMPOSITES SITE
AOC 48, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	48-9C	48-10C	48-11C	48-12C	48-13C	48-14C	48-15C	48-16C
Sample Location			Bottom	Bottom	Bottom	Bottom	Bottom	Bottom	Bottom	Bottom
Date Sampled			10/27/2005	10/27/2005	10/27/2005	10/27/2005	10/27/2005	10/27/2005	11/17/2005	11/17/2005
Compound			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs										
Aroclor-1242	NC	NC								
Aroclor-1248	NC	NC			0.087 J					
Aroclor-1254	NC	NC								
Aroclor-1260	NC	NC			0.32		0.94		0.32	7.3
Total PCBs	1	0.1	ND (0.097)	ND (0.100)	0.407 J	ND (0.100)	0.94	ND (0.100)	0.32	7.3

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) J = detected above the MDL, but below the RL; therefore,
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.

TABLE 54
SPAULDING COMPOSITES SITE
AOC 48, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	48-17C	48-18C	48-23C	48-24C	48-27C	48-28C	48-29C
Sample Location			Bottom	Bottom	Bottom	Bottom	Bottom	Bottom	Bottom
Date Sampled			11/17/2005	4/18/2006	4/18/2006	4/18/2006	5/24/2006	5/24/2006	5/24/2006
Compound			Soil	Fill	Fill	Fill	Soil	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs									
Aroclor-1242	NC	NC							
Aroclor-1248	NC	NC		0.78	0.093	0.075			
Aroclor-1254	NC	NC							
Aroclor-1260	NC	NC		2.1	0.21	0.14		0.017 J	0.21
Total PCBs	1	0.1	ND (0.096)	2.88	0.303	0.215	ND (0.020)	0.017 J	0.21

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) J = detected above the MDL, but below the RL; therefore,
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.

TABLE 55
SPAULDING COMPOSITES SITE
SWMU 23, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	TF-1	TF-2	TF-3	TF-4	TF-5	TF-6	TF-7
Sample Location			Sidewall	Bottom	Bottom	Bottom	Sidewall	Bottom	Bottom
Date Sampled			11/7/2006	11/7/2006	11/7/2006	11/7/2006	11/7/2006	11/7/2006	11/7/2006
Compound			Fill	Soil	Soil	Soil	Fill	Soil	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs									
Aroclor-1242	NC	NC							
Aroclor-1248	NC	NC		0.019	0.070	0.0071 J	2.6	0.26	
Aroclor-1254	NC	NC	0.063						
Aroclor-1260	NC	NC							
Total PCBs	1	0.1	0.063	0.019	0.070	0.0071 J	2.6	0.26	ND (0.021)

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) J = detected above the MDL, but below the RL; therefore,
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.

TABLE 55
SPAULDING COMPOSITES SITE
SWMU 23, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	TF-8	TF-9	TF-10	TF-11	TF-12	TF-13	TF-14
Sample Location			Bottom	Sidewall	Bottom	Bottom	Bottom	Sidewall	Bottom
Date Sampled			11/7/2006	11/7/2006	11/7/2006	11/7/2006	11/7/2006	11/7/2006	11/8/2006
Compound			Soil	Fill	Soil	Soil	Soil	Fill	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs									
Aroclor-1242	NC	NC							
Aroclor-1248	NC	NC	0.024	1.8		0.098		0.25	
Aroclor-1254	NC	NC							
Aroclor-1260	NC	NC						0.04	
Total PCBs	1	0.1	0.024	1.8	ND (0.021)	0.098	ND (0.021)	0.29	ND (0.020)

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) J = detected above the MDL, but below the RL; therefore,
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.

TABLE 55
SPAULDING COMPOSITES SITE
SWMU 23, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	TF-15	TF-16	TF-17	TF-18	TF-19	TF-20	TF-21
Sample Location			Bottom	Bottom	Sidewall	Bottom	Bottom	Bottom	Sidewall
Date Sampled			11/8/2006	11/8/2006	11/8/2006	11/8/2006	11/8/2006	11/8/2006	11/8/2006
Compound			Soil	Soil	Fill	Soil	Soil	Soil	Fill
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs									
Aroclor-1242	NC	NC							
Aroclor-1248	NC	NC	0.015 J		3.1	0.18	0.072		0.11
Aroclor-1254	NC	NC							
Aroclor-1260	NC	NC							
Total PCBs	1	0.1	0.015 J	ND (0.019)	3.1	0.18	0.072	ND (0.020)	0.11

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) J = detected above the MDL, but below the RL; therefore,
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.

TABLE 55
SPAULDING COMPOSITES SITE
SWMU 23, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	TF-22	TF-23	TF-24	TF-27
Sample Location			Bottom	Bottom	Sidewall	Sidewall
Date Sampled			11/8/2006	11/8/2006	11/8/2006	11/9/2006
Compound			Soil	Soil	Fill	Fill
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs						
Aroclor-1242	NC	NC				
Aroclor-1248	NC	NC	0.018 J		0.67	0.25
Aroclor-1254	NC	NC				
Aroclor-1260	NC	NC				
Total PCBs	1	0.1	0.018 J	ND (0.021)	0.67	0.25

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) J = detected above the MDL, but below the RL; therefore,
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.

TABLE 56
SPAULDING COMPOSITES SITE
SWMU 11, OPERABLE UNIT 2
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	**NYSDEC Part 375 Restricted Residential Guidance Value**	**NYSDEC Part 375 Unrestricted Guidance Value**	LS-1	LS-2	LS-3	LS-5	LS-6	LS-7	LS-8
Sample Location			Sidewall	Bottom	Bottom	Sidewall	Sidewall	Sidewall	Sidewall
Date Sampled			10/26/2006	10/26/2006	10/26/2006	10/26/2006	10/26/2006	10/26/2006	11/8/2006
Compound			Soil	Soil	Soil	Soil	Soil	Fill	Soil
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCBs									
Aroclor-1242	NC	NC							
Aroclor-1248	NC	NC		0.18	0.016 J	0.019 J		0.73	0.017 J
Aroclor-1254	NC	NC							
Aroclor-1260	NC	NC							
Total PCBs	1	0.1	ND (0.021)	0.18	0.016 J	0.019 J	ND (0.020)	0.73	0.017 J

Notes:

1) PCBs analyzed by SW846-8082.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential Soil Guidance Values.
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil Guidance Values.
4) J = detected above the MDL, but below the RL; therefore,
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.

TABLE 57
SPAULDING COMPOSITES SITE
SWMU3, OU 1/3/4
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	003S	004S	005SR
Date Sampled			11/23/2009 14:15	11/23/2009 14:15	1/27/2010 9:05
Location			SWMU 3	SWMU 3	SWMU 3
Depth Interval(ft)			0-1	0-1	0-2.5
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOCs					
1,4-Dichlorobenzene	13	1.8	ND	ND	ND
Benzene	4.8	0.06	ND	ND	ND
Ethylbenzene	41	1	ND	ND	ND
Toluene	100	0.7	ND	ND	ND
Trichloroethene	21	0.47	ND	0.0016	ND
Xylenes, total	100	0.26	ND	ND	ND
SVOCs - GC/MS (8270)					
Benzo[a]anthracene	1	1	0.14	0.37	0.71
Benzo[a]pyrene	1	1	0.11	0.26	0.64
Benzo[b]fluoranthene	1	1	0.19	0.35	0.92
Benzo[k]fluoranthene	3.9	0.8	ND	0.17	0.24
Chrysene	3.9	1	0.14	0.32	0.67
Dibenz[a,h]anthracene	0.33	0.33	ND	ND	ND
Fluoranthene	100	100	0.27	0.61	1.1
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.051	0.16	0.41
Phenanthrene	100	100	0.2	0.5	0.62
Pyrene	100	100	0.22	0.52	1.1
Aniline	48	NC	ND	ND	ND
2-Methylphenol	100	NC	ND	ND	ND
Di-n-butyl phthalate	100	NC	ND	ND	ND
Phenol	100	0.33	ND	ND	ND
PCBs - EPA Method 808 (8082)					
Total Polychlorinated Biphenyls	1	0.1	ND	ND	ND
Metals - Method SW 846 Series					
Arsenic	16	13	5.2	6.7	8.4
Barium	400	350	102	160	111
Cadmium	4.3	2.5	0.792	1.26	0.626
Chromium*	180	30	21.9	21.8	7.15
Copper	270	50	25.9	110	246
Lead	400	63	35	41.1	61.3
Mercury	0.81	0.18	0.0226	0.0271	0.575
Zinc	10000	109	5170	7760	13800

1) Analytical Methods: VOCs - 8260B; SVOCs - 8270C; PCBs - 8082; total metals 6000/7000 Series Methods.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil
4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.
*Sample location was overexcavated and resampled.

TABLE 58
SPAULDING COMPOSITES SITE
SWMU5, OU 1/3/4
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	001S	002S	003S	004S	005S	006B	008B
Date Sampled			RSL0616-01	RSL0616-02	RSL0616-03	12/14/2009 09:15	RSL0616-05	RSL0616-06	12/14/2009 09:35
Location			SWMU5	SWMU5	SWMU5	SWMU5	SWMU5	SWMU5	SWMU5
Depth Interval(ft)			0--2	0--2	0--2	0--2	0--2	2	2
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOCs									
1,4-Dichlorobenzene	13	1.8	ND	ND	ND	ND	ND	ND	ND
Benzene	4.8	0.06	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	41	1	ND	ND	ND	ND	ND	ND	ND
Toluene	100	0.7	ND	ND	ND	ND	ND	0.0016	ND
Trichloroethene	21	0.47	ND	ND	ND	ND	ND	ND	ND
Xylenes, total	100	0.26	ND	ND	ND	ND	ND	ND	ND
SVOCs - GC/MS (8270)									
Benzo[a]anthracene	1	1	ND	ND	ND	0.18	ND	ND	ND
Benzo[a]pyrene	1	1	ND	ND	ND	0.15	ND	ND	ND
Benzo[b]fluoranthene	1	1	ND	ND	ND	0.20	ND	ND	ND
Benzo[k]fluoranthene	3.9	0.8	ND	ND	ND	0.34	ND	ND	ND
Chrysene	3.9	1	ND	ND	ND	0.14	ND	ND	ND
Dibenz[a,h]anthracene	0.33	0.33	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100	100	ND	ND	ND	0.29	ND	ND	ND
Indeno[1,2,3-cd]pyrene	0.5	0.5	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	100	100	ND	ND	ND	0.23	ND	ND	ND
Pyrene	100	100	ND	ND	ND	0.23	ND	ND	ND
Aniline	48	NC	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	100	NC	ND	ND	ND	0.20	ND	ND	ND
Di-n-butyl phthalate	100	NC	0.17	0.16	0.15	8.4	0.15	0.18	0.14
Phenol	100	0.33	ND	ND	ND	0.85	ND	ND	ND
PCBs - EPA Method 808 (8082)									
Total Polychlorinated Biphenyls	1	0.1	ND	ND	ND	ND	ND	ND	ND
Metals - Method SW 846 Series									
Arsenic	16	13	4.8	5.1	5.3	7.4	5.2	2.9	4.9
Barium	400	350	114	169	148	140	142	126	186
Cadmium	4.3	2.5	0.616	0.417	0.357	1.31	0.319	0.219	0.231
Chromium*	180	30	20.8	29.6	25.7	19.9	27.3	25.2	27.1
Copper	270	50	19	27.9	23.9	228	25.5	16	22.8
Lead	400	63	11.7	12.1	11.3	45	18.3	9.5	11.1
Mercury	0.81	0.18	0.0288	0.0248	0.0254	0.0403	0.0232	0.0308	0.0209
Zinc	10000	109	93.4	95	78.3	504	132	74.3	72.9

1) Analytical Methods: VOCs - 8260B; SVOCs - 8270C; PCBs - 8082; total metals 6000/7000 Series Methods.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil
4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.
*Sample location was overexcavated and resampled.

TABLE 58
SPAULDING COMPOSITES SITE
SWMU5, OU 1/3/4
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	009B	011S	012B	013B	20B	21B
Date Sampled			12/14/2009 09:40	0	12/15/2009 12:10	0	70	12/17/2009 11:05
Location			SWMU5	SWMU5	SWMU5	SWMU5	SWMU 5	SWMU 5
Depth Interval(ft)			2	0--2	2	2	2	2
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOCs								
1,4-Dichlorobenzene	13	1.8	ND	ND	0.0047	ND	ND	ND
Benzene	4.8	0.06	ND	ND	0.031	ND	ND	ND
Ethylbenzene	41	1	ND	ND	ND	ND	ND	ND
Toluene	100	0.7	ND	0.0021	0.019	0.0026	ND	ND
Trichloroethene	21	0.47	ND	ND	ND	ND	ND	ND
Xylenes, total	100	0.26	ND	ND	0.0015	0.0014	ND	ND
SVOCs - GC/MS (8270)								
Benzo[a]anthracene	1	1	0.062	0.36	0.36	0.20	ND	0.033
Benzo[a]pyrene	1	1	0.041	0.31	0.20	ND	ND	ND
Benzo[b]fluoranthene	1	1	0.076	0.64	0.27	ND	ND	0.026
Benzo[k]fluoranthene	3.9	0.8	0.076	ND	0.16	ND	ND	0.023
Chrysene	3.9	1	0.063	0.30	0.32	ND	ND	0.035
Dibenz[a,h]anthracene	0.33	0.33	ND	ND	ND	ND	ND	ND
Fluoranthene	100	100	0.072	0.45	0.90	0.24	0.023	0.048
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.024	0.23	ND	ND	ND	ND
Phenanthrene	100	100	0.021	0.29	0.52	0.18	ND	ND
Pyrene	100	100	0.053	0.46	0.71	0.18	ND	ND
Aniline	48	NC	ND	ND	44	ND	ND	ND
2-Methylphenol	100	NC	ND	0.27	0.11	ND	ND	ND
Di-n-butyl phthalate	100	NC	0.20	23	41	48	0.97	0.094
Phenol	100	0.33	ND	1.8	ND	1.3	0.23	ND
PCBs - EPA Method 808 (8082)								
Total Polychlorinated Biphenyls	1	0.1	ND	ND	ND	ND	ND	ND
Metals - Method SW 846 Series								
Arsenic	16	13	6.5	5.00	5.4	6.1	6.1	5.4
Barium	400	350	90.8	36.2	172	76.3	142	160
Cadmium	4.3	2.5	0.388	0.523	0.916	0.699	ND	0.607
Chromium*	180	30	19.6	6.57	23.3	11.5	25.8	25.8
Copper	270	50	15.4	30.4	41.3	49.4	24.8	45.2
Lead	400	63	26.7	25.3	15.6	40.2	12.3	31.4
Mercury	0.81	0.18	0.0460	0.206	0.0395	0.0817	0.0191	0.0373
Zinc	10000	109	225	195	138	254	90.2	215

1) Analytical Methods: VOCs - 8260B; SVOCs - 8270C; PCBs - 8082; total metals 6000/7000 Series Methods.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil
4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.
*Sample location was overexcavated and resampled.

TABLE 58
SPAULDING COMPOSITES SITE
SWMU5, OU 1/3/4
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	22B	23B	24B	014B	015B	025B	026B
Date Sampled			12/17/2009 11:10	12/17/2009 11:15	12/17/2009 11:20	12/16/2009 12:00	12/16/2009 12:05	11/21/2009 8:00	11/21/2009 8:05
Location			SWMU 5	SWMU 5	SWMU5	SWMU5	SWMU5	SWMU 5	SWMU 5
Depth Interval(ft)			2	2	2	2	2	2	2
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOCs									
1,4-Dichlorobenzene	13	1.8	ND	ND	ND	ND	ND	ND	ND
Benzene	4.8	0.06	ND	ND	ND	0.033	0.17	0.0051	0.0095
Ethylbenzene	41	1	ND	ND	ND	0.0019	ND	ND	ND
Toluene	100	0.7	ND	0.026	ND	1.1	0.0031	0.0042	ND
Trichloroethene	21	0.47	ND	ND	ND	ND	ND	ND	ND
Xylenes, total	100	0.26	ND	ND	ND	0.010	ND	ND	ND
SVOCs - GC/MS (8270)									
Benzo[a]anthracene	1	1	ND	ND	ND	ND	ND	0.63	0.05
Benzo[a]pyrene	1	1	ND	ND	ND	ND	ND	0.51	0.043
Benzo[b]fluoranthene	1	1	ND	ND	ND	ND	ND	0.87	0.058
Benzo[k]fluoranthene	3.9	0.8	ND	ND	ND	ND	ND	ND	0.025
Chrysene	3.9	1	ND	ND	ND	ND	ND	0.62	0.051
Dibenz[a,h]anthracene	0.33	0.33	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100	100	ND	ND	ND	ND	0.27	1.5	0.095
Indeno[1,2,3-cd]pyrene	0.5	0.5	ND	ND	ND	ND	ND	0.27	0.029
Phenanthrene	100	100	ND	ND	0.031	ND	0.28	1.7	0.069
Pyrene	100	100	ND	ND	ND	ND	ND	1.2	0.077
Aniline	48	NC	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	100	NC	ND	ND	ND	0.45	ND	0.18	ND
Di-n-butyl phthalate	100	NC	ND	1.8	0.092	ND	2.2	3.7	0.73
Phenol	100	0.33	ND	ND	ND	11	0.78	0.24	0.24
PCBs - EPA Method 808 (8082)									
Total Polychlorinated Biphenyls	1	0.1	ND	ND	ND	ND	ND	ND	ND
Metals - Method SW 846 Series									
Arsenic	16	13	6.4	7.2	5.7	4.3	7.9	4.7	7
Barium	400	350	60.7	152	121	188	83.5	96.7	145
Cadmium	4.3	2.5	0.071	ND	ND	ND	ND	0.488	6
Chromium*	180	30	17.4	25.4	21.7	29.5	13.2	23.8	17.7
Copper	270	50	15.8	29.6	21.2	25.8	24.9	33.2	208
Lead	400	63	33.2	15.7	10.5	9.7	23.1	31.3	32.2
Mercury	0.81	0.18	0.0463	0.0258	0.0100	ND	0.0247	0.0674	0.0763
Zinc	10000	109	102	99.3	65.2	70.2	95.2	444	729

1) Analytical Methods: VOCs - 8260B; SVOCs - 8270C; PCBs - 8082; total metals 6000/7000 Series Methods.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil
4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.
*Sample location was overexcavated and resampled.

TABLE 58
SPAULDING COMPOSITES SITE
SWMU5, OU 1/3/4
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	027S	16-17-18SR
Date Sampled			11/21/2009 8:10	2/8/2010 12:00
Location			SWMU 5	SWMU 5
Depth Interval(ft)			0--2	
Units	mg/kg	mg/kg	mg/kg	mg/kg
VOCs				
1,4-Dichlorobenzene	13	1.8	ND	ND
Benzene	4.8	0.06	ND	-
Ethylbenzene	41	1	ND	-
Toluene	100	0.7	ND	-
Trichloroethene	21	0.47	ND	-
Xylenes, total	100	0.26	ND	-
SVOCs - GC/MS (8270)				
Benzo[a]anthracene	1	1	0.61	ND
Benzo[a]pyrene	1	1	0.52	ND
Benzo[b]fluoranthene	1	1	0.9	ND
Benzo[k]fluoranthene	3.9	0.8	ND	ND
Chrysene	3.9	1	0.59	ND
Dibenz[a,h]anthracene	0.33	0.33	0.091	ND
Fluoranthene	100	100	1.3	ND
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.32	ND
Phenanthrene	100	100	1.1	ND
Pyrene	100	100	1.1	ND
Aniline	48	NC	ND	-
2-Methylphenol	100	NC	ND	ND
Di-n-butyl phthalate	100	NC	1.8	17
Phenol	100	0.33	ND	0.81
PCBs - EPA Method 808 (8082)				
Total Polychlorinated Biphenyls	1	0.1	ND	0.392
Metals - Method SW 846 Series				
Arsenic	16	13	5.3	-
Barium	400	350	134	-
Cadmium	4.3	2.5	0.328	-
Chromium*	180	30	23.5	-
Copper	270	50	23.6	-
Lead	400	63	12.7	-
Mercury	0.81	0.18	0.0637	-
Zinc	10000	109	96.5	-

1) Analytical Methods: VOCs - 8260B; SVOCs - 8270C; PCBs - 8082; total metals 6000/7000 Series Methods.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil
4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.
*Sample location was overexcavated and resampled.

TABLE 59
SPAULDING COMPOSITES SITE
SWMU7, OU 1/3/4
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	003S	002B	006S	001BR	002SR	007B	008S
Date Sampled			11/19/2009 12:00	3/17/10 14:00	3/17/10 14:00	3/25/10 12:00	3/25/10 13:00	3/24/10 14:15	3/24/10 14:10
Location			SWMU 7	SWMU 7	SWMU 7	SWMU 7	SWMU 7	SWMU 7	SWMU 7
Depth Interval(ft)			0-3	10	10	10	10	10'	0-2'
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOCs									
1,4-Dichlorobenzene	13	1.8	ND	ND	ND	-	-	ND	ND
Benzene	4.8	0.06	ND	ND	ND	-	-	ND	ND
Ethylbenzene	41	1	ND	ND	ND	-	-	ND	ND
Toluene	100	0.7	ND	ND	ND	-	-	ND	ND
Trichloroethene	21	0.47	ND	ND	ND	-	-	ND	ND
Xylenes, total	100	0.26	ND	ND	ND	-	-	ND	ND
SVOCs - GC/MS (8270)									
Benzo[a]anthracene	1	1	1.1	ND	ND	-	-	ND	ND
Benzo[a]pyrene	1	1	1	ND	ND	-	-	ND	ND
Benzo[b]fluoranthene	1	1	1.3	ND	ND	-	-	ND	ND
Benzo[k]fluoranthene	3.9	0.8	0.46	ND	ND	-	-	ND	ND
Chrysene	3.9	1	1.1	ND	ND	-	-	ND	ND
Dibenz[a,h]anthracene	0.33	0.33	ND	ND	ND	-	-	ND	ND
Fluoranthene	100	100	2.2	ND	ND	-	-	ND	ND
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.52	ND	ND	-	-	ND	ND
Phenanthrene	100	100	1.6	ND	ND	-	-	ND	ND
Pyrene	100	100	1.9	ND	ND	-	-	ND	ND
Aniline	48	NC	ND	-	-	-	-	-	-
2-Methylphenol	100	NC	ND	ND	ND	-	-	0.4	ND
Di-n-butyl phthalate	100	NC	2.3	ND	ND	-	-	ND	ND
Phenol	100	0.33	ND	ND	ND	-	-	4.7	ND
PCBs - EPA Method 808 (8082)									
Total Polychlorinated Biphenyls	1	0.1	ND	ND	ND	2.4	0.32	0.039	0.078
Metals - Method SW 846 Series									
Arsenic	16	13	9.7	ND	ND	-	-	ND	ND
Barium	400	350	140	85.8	118	-	-	72.2	130
Cadmium	4.3	2.5	0.912	ND	ND	-	-	ND	ND
Chromium*	180	30	20.3	12.4	18.3	-	-	9.64	17.7
Copper	270	50	185	19.1	13.2	-	-	17	16
Lead	400	63	70.8	9.12	5.13	-	-	11.4	8.39
Mercury	0.81	0.18	0.0891	ND	ND	-	-	ND	ND
Zinc	10000	109	1180	101	68.9	-	-	162	91.9

1) Analytical Methods: VOCs - 8260B; SVOCs - 8270C; PCBs - 8082; total metals 6000/7000 Series Methods.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil
4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.
*Sample location was overexcavated and resampled.

TABLE 59
SPAULDING COMPOSITES SITE
SWMU7, OU 1/3/4
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	013S	015S	016B	018S	020S	021B	022S
Date Sampled			3/26/10 8:05	3/26/10 8:15	3/26/10 8:20	3/26/10 8:30	3/26/10 8:40	3/26/10 8:45	3/26/10 8:50
Location			SWMU 7	SWMU 7	SWMU 7	SWMU 7	SWMU 7	SWMU 7	SWMU 7
Depth Interval(ft)			2-10'	2-10'	10'	2-10'	2-10'	10'	0-2'
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOCs									
1,4-Dichlorobenzene	13	1.8	ND	ND	ND	ND	ND	ND	ND
Benzene	4.8	0.06	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	41	1	ND	ND	ND	ND	ND	ND	ND
Toluene	100	0.7	ND	1.7	1.7	ND	ND	0.028	ND
Trichloroethene	21	0.47	ND	ND	ND	ND	ND	ND	ND
Xylenes, total	100	0.26	ND	ND	ND	ND	ND	ND	ND
SVOCs - GC/MS (8270)									
Benzo[a]anthracene	1	1	ND	ND	ND	ND	0.39	ND	ND
Benzo[a]pyrene	1	1	ND	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	1	1	ND	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	3.9	0.8	ND	ND	ND	ND	ND	ND	ND
Chrysene	3.9	1	ND	ND	ND	ND	ND	ND	ND
Dibenz[a,h]anthracene	0.33	0.33	<0.38	ND	ND	ND	ND	ND	ND
Fluoranthene	100	100	ND	ND	ND	ND	0.75	ND	ND
Indeno[1,2,3-cd]pyrene	0.5	0.5	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	100	100	ND	ND	ND	ND	0.75	ND	ND
Pyrene	100	100	ND	ND	ND	ND	0.54	ND	ND
Aniline	48	NC	-	-	-	-	-	-	-
2-Methylphenol	100	NC	ND	88	0.76	0.42	ND	ND	ND
Di-n-butyl phthalate	100	NC	ND	ND	ND	ND	0.45	ND	ND
Phenol	100	0.33	ND	57	ND	ND	ND	16	ND
PCBs - EPA Method 808 (8082)									
Total Polychlorinated Biphenyls	1	0.1	ND	1.1	ND	0.287	0.54	0.6	0.16
Metals - Method SW 846 Series									
Arsenic	16	13	ND	ND	ND	ND	ND	ND	1.46
Barium	400	350	111	124	90.5	77.4	65.2	92.1	59.1
Cadmium	4.3	2.5	ND	ND	ND	ND	ND	ND	ND
Chromium*	180	30	13.2	18.3	10.2	13.5	9.84	11.4	10.8
Copper	270	50	9.38	20.2	16.1	14.2	17.5	24.2	22.6
Lead	400	63	9.25	12.3	11.9	7.12	8.56	15.8	14.4
Mercury	0.81	0.18	ND	ND	ND	ND	ND	ND	ND
Zinc	10000	109	74	146	83.3	108	95.9	188	260

1) Analytical Methods: VOCs - 8260B; SVOCs - 8270C; PCBs - 8082; total metals 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) NC = No Criteria

7) ND = Analyte included in the analysis, but not detected.

*Sample location was overexcavated and resampled.

TABLE 59
SPAULDING COMPOSITES SITE
SWMU7, OU 1/3/4
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	023S	024B	010SR	009SR	025S	026S	028S
Date Sampled			3/26/10 8:55	3/30/10 12:00	4/1/10 12:05	4/1/10 12:20	4/12/10 8:00	4/12/10 8:00	4/13/10 8:00
Location			SWMU 7	SWMU 7	SWMU 7	SWMU 7	SWMU 7	SWMU 7	SWMU 7
Depth Interval(ft)			2-10'	10'	0-2'	0-2'	2.5'	2.5'	2'
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOCs									
1,4-Dichlorobenzene	13	1.8	ND	ND	ND	ND	-	ND	ND
Benzene	4.8	0.06	ND	ND	ND	ND	-	ND	ND
Ethylbenzene	41	1	ND	ND	ND	ND	-	ND	ND
Toluene	100	0.7	ND	ND	ND	ND	-	ND	ND
Trichloroethene	21	0.47	ND	ND	ND	ND	-	ND	ND
Xylenes, total	100	0.26	ND	ND	ND	ND	-	ND	ND
SVOCs - GC/MS (8270)									
Benzo[a]anthracene	1	1	ND	ND	ND	ND	-	0.13	ND
Benzo[a]pyrene	1	1	ND	ND	ND	ND	-	0.12	ND
Benzo[b]fluoranthene	1	1	ND	ND	ND	ND	-	0.15	ND
Benzo[k]fluoranthene	3.9	0.8	ND	ND	ND	ND	-	0.048	ND
Chrysene	3.9	1	ND	ND	ND	ND	-	0.11	ND
Dibenz[a,h]anthracene	0.33	0.33	ND	ND	ND	ND	-	0.021	ND
Fluoranthene	100	100	ND	ND	ND	ND	-	0.34	ND
Indeno[1,2,3-cd]pyrene	0.5	0.5	ND	ND	ND	ND	-	0.063	ND
Phenanthrene	100	100	ND	ND	ND	ND	-	0.31	ND
Pyrene	100	100	ND	ND	ND	ND	-	0.23	ND
Aniline	48	NC	-	-	-	-	-	ND	ND
2-Methylphenol	100	NC	ND	ND	ND	ND	-	ND	ND
Di-n-butyl phthalate	100	NC	2.8	ND	0.49	ND	-	0.23	ND
Phenol	100	0.33	ND	ND	ND	ND	-	ND	ND
PCBs - EPA Method 808 (8082)									
Total Polychlorinated Biphenyls	1	0.1	0.29	ND	0.3	0.079	1.4	ND	ND
Metals - Method SW 846 Series									
Arsenic	16	13	3.14	ND	2.02	ND	-	3	3.8
Barium	400	350	62.7	85.2	169	82.1	-	105	177
Cadmium	4.3	2.5	ND	ND	ND	ND	-	0.149	0.263
Chromium*	180	30	13.5	13.1	24.1	13.6	-	16.1	26.8
Copper	270	50	40.8	14	24.8	18.8	-	17.4	18.4
Lead	400	63	13.3	9.77	6.24	19.9	-	8.8	9.8
Mercury	0.81	0.18	ND	ND	ND	ND	-	0.0251	0.0179
Zinc	10000	109	409	82.3	103	779	-	74.2	70.3

1) Analytical Methods: VOCs - 8260B; SVOCs - 8270C; PCBs - 8082; total metals 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) NC = No Criteria

7) ND = Analyte included in the analysis, but not detected.

*Sample location was overexcavated and resampled.

TABLE 60
SPAULDING COMPOSITES SITE
SWMU8, OU 1/3/4
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	001B	002S	006BR	004SR	005BRR
Date Sampled			RTA0351-01	RTA0351-02	1/18/2010 12:35	1/18/2010 12:30	2/9/2010 12:05
Location			SWMU 8	SWMU 8	SWMU 8	SWMU 8	SWMU 8
Depth Interval(ft)			2	0-2	4	0-4	
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOCs							
1,4-Dichlorobenzene	13	1.8	ND	ND	-	-	-
Benzene	4.8	0.06	ND	ND	-	-	-
Ethylbenzene	41	1	ND	ND	-	-	-
Toluene	100	0.7	0.048	ND	-	-	-
Trichloroethene	21	0.47	ND	ND	-	-	-
Xylenes, total	100	0.26	ND	ND	-	-	-
SVOCs - GC/MS (8270)							
Benzo[a]anthracene	1	1	ND	ND	-	-	-
Benzo[a]pyrene	1	1	ND	ND	-	-	-
Benzo[b]fluoranthene	1	1	ND	ND	-	-	-
Benzo[k]fluoranthene	3.9	0.8	ND	ND	-	-	-
Chrysene	3.9	1	ND	ND	-	-	-
Dibenz[a,h]anthracene	0.33	0.33	ND	ND	-	-	-
Fluoranthene	100	100	ND	ND	-	-	-
Indeno[1,2,3-cd]pyrene	0.5	0.5	ND	ND	-	-	-
Phenanthrene	100	100	ND	ND	-	-	-
Pyrene	100	100	ND	ND	-	-	-
Aniline	48	NC	ND	ND	-	-	-
2-Methylphenol	100	NC	ND	ND	-	-	-
Di-n-butyl phthalate	100	NC	ND	0.18	-	-	-
Phenol	100	0.33	ND	ND	-	-	-
PCBs - EPA Method 808 (8082)							
Total Polychlorinated Biphenyls	1	0.1	ND	ND	ND	ND	ND
Metals - Method SW 846 Series							
Arsenic	16	13	4.3	5	-	-	-
Barium	400	350	106	134	-	-	-
Cadmium	4.3	2.5	0.213	ND	-	-	-
Chromium*	180	30	15.6	21.2	-	-	-
Copper	270	50	25.7	21.5	-	-	-
Lead	400	63	14.3	9.3	-	-	-
Mercury	0.81	0.18	ND	ND	-	-	-
Zinc	10000	109	346	60.6	-	-	-

1) Analytical Methods: VOCs - 8260B; SVOCs - 8270C; PCBs - 8082; total metals 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration

5) mg/kg = milligrams per kilogram (ppm)

6) NC = No Criteria

7) ND = Analyte included in the analysis, but not detected.

*Sample location was overexcavated and resampled.

TABLE 61
SPAULDING COMPOSITES SITE
SWMU13, OU 1/3/4
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	002B	003B	004S	005S	006S	007S	011BR
Date Sampled			11/06/2009 08:47	11/06/2009 08:50	11/06/2009 08:52	11/06/2009 08:55	11/06/2009 08:57	11/06/2009 09:00	12/09/2009 09:05
Location			SWMU 13	SWMU 13	SWMU 13	SWMU 13	SWMU 13	SWMU 13	SWMU 13
Depth Interval(ft)			3	3	0-3	0-3	0-3	0-3	6
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOCs									
1,4-Dichlorobenzene	13	1.8	ND	ND	ND	ND	ND	ND	ND
Benzene	4.8	0.06	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	41	1	ND	ND	ND	ND	ND	ND	ND
Toluene	100	0.7	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	21	0.47	ND	ND	ND	ND	ND	ND	ND
Xylenes, total	100	0.26	ND	ND	ND	ND	ND	ND	ND
SVOCs - GC/MS (8270)									
Benzo[a]anthracene	1	1	0.027	0.057	0.099	0.082	0.12	0.28	1.6
Benzo[a]pyrene	1	1	0.028	0.050	0.089	0.089	0.12	0.36	1.1
Benzo[b]fluoranthene	1	1	0.049	0.064	0.13	0.095	0.14	0.50	1.4
Benzo[k]fluoranthene	3.9	0.8	ND	0.034	0.065	0.055	0.072	0.26	0.71
Chrysene	3.9	1	0.029	0.056	0.13	0.091	0.14	0.39	1.6
Dibenz[a,h]anthracene	0.33	0.33	ND	ND	0.024	ND	ND	ND	ND
Fluoranthene	100	100	0.054	0.12	0.053	0.14	0.30	0.39	3.8
Indeno[1,2,3-cd]pyrene	0.5	0.5	ND	0.035	0.055	0.054	0.084	0.31	3.8
Phenanthrene	100	100	0.043	0.070	0.0089	0.086	0.0068	0.22	2.9
Pyrene	100	100	0.041	0.094	0.059	0.13	0.23	0.37	0.57
Aniline	48	NC	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	100	NC	ND	ND	ND	0.021	0.011	ND	ND
Di-n-butyl phthalate	100	NC	0.16	0.48	ND	0.66	0.56	1	ND
Phenol	100	0.33	ND	ND	ND	ND	ND	ND	ND
PCBs - EPA Method 808 (8082)									
Total Polychlorinated Biphenyls	1	0.1	ND	ND	ND	ND	ND	ND	ND
Metals - Method SW 846 Series									
Arsenic	16	13	6.9	12.1	9.5	14.4	12.3	10.9	4.9
Barium	400	350	100	111	111	116	118	92.5	150
Cadmium	4.3	2.5	0.317	0.320	0.429	0.410	0.400	0.457	0.106
Chromium*	180	30	18.7	19.1	19.1	21.7	20.1	13.9	24.7
Copper	270	50	18.3	21.6	19	28	27	33.1	21.4
Lead	400	63	71.5	61.4	114	79.8	103	43.5	17.4
Mercury	0.81	0.18	0.0922	0.0696	0.164	0.137	0.129	0.163	0.0365
Zinc	10000	109	110	118	151	234	207	549	116

1) Analytical Methods: VOCs - 8260B; SVOCs - 8270C; PCBs - 8082; total metals 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) NC = No Criteria

7) ND = Analyte included in the analysis, but not detected.

*Sample location was overexcavated and resampled.

TABLE 61
SPAULDING COMPOSITES SITE
SWMU13, OU 1/3/4
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	012BR	014SR	015S	021B	024S	016S	025S
Date Sampled			12/09/2009 09:10	12/09/2009 09:15	11/13/2009 12:30	11/13/2009 12:30	11/13/2009 12:35	11/13/2009 12:41	11/13/2009 12:45
Location			SWMU 13	SWMU 13	SWMU 13	SWMU 13	SWMU 13	SWMU 13	SWMU 13
Depth Interval(ft)			6	0-5	0-3	3	0-3	0-3	0-3
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOCs									
1,4-Dichlorobenzene	13	1.8	ND	ND	ND	ND	ND	ND	ND
Benzene	4.8	0.06	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	41	1	ND	ND	ND	ND	ND	ND	ND
Toluene	100	0.7	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	21	0.47	ND	ND	ND	ND	ND	ND	ND
Xylenes, total	100	0.26	ND	ND	ND	ND	ND	ND	ND
SVOCs - GC/MS (8270)									
Benzo[a]anthracene	1	1	2.3	0.52	0.046	ND	ND	ND	ND
Benzo[a]pyrene	1	1	1.8	0.38	0.035	ND	ND	ND	ND
Benzo[b]fluoranthene	1	1	2.0	0.52	0.064	ND	ND	ND	ND
Benzo[k]fluoranthene	3.9	0.8	0.89	0.12	ND	ND	ND	ND	ND
Chrysene	3.9	1	2.1	0.52	0.046	ND	ND	ND	ND
Dibenz[a,h]anthracene	0.33	0.33	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100	100	7.1	1.2	0.092	ND	0.10	ND	0.012
Indeno[1,2,3-cd]pyrene	0.5	0.5	6.2	1.2	0.021	ND	ND	ND	ND
Phenanthrene	100	100	4.8	0.98	0.069	ND	0.096	ND	0.013
Pyrene	100	100	0.78	0.19	0.080	ND	0.091	ND	0.011
Aniline	48	NC	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	100	NC	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	100	NC	ND	ND	1.1	ND	10	0.12	0.34
Phenol	100	0.33	ND	ND	ND	ND	1.5	ND	ND
PCBs - EPA Method 808 (8082)									
Total Polychlorinated Biphenyls	1	0.1	ND	ND	ND	ND	ND	ND	ND
Metals - Method SW 846 Series									
Arsenic	16	13	5.5	4.4	5.1	3.2	6.5	4.7	3.9
Barium	400	350	195	126	110	78.9	131	178	118
Cadmium	4.3	2.5	0.101	0.081	ND	0.098	0.129	ND	ND
Chromium*	180	30	28.9	21.9	26.8	12.5	22.8	27.4	17.2
Copper	270	50	25.2	18.2	20	18.7	61	21.6	92.2
Lead	400	63	14.8	15.4	11	9.3	32.2	11	39.5
Mercury	0.81	0.18	0.0233	0.0186	0.0801	0.0142	0.0408	0.0188	0.0270
Zinc	10000	109	99.6	109	65.9	67.3	442	69.3	536

1) Analytical Methods: VOCs - 8260B; SVOCs - 8270C; PCBs - 8082; total metals 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) NC = No Criteria

7) ND = Analyte included in the analysis, but not detected.

*Sample location was overexcavated and resampled.

TABLE 61
SPAULDING COMPOSITES SITE
SWMU13, OU 1/3/4
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	022B	009B	013S	026SR	017SR	027SR	034B
Date Sampled			11/13/2009 12:50	11/09/2009 14:00	11/09/2009 14:25	11/16/2009 09:45	2/3/2010 10:30	2/3/2010 10:50	4/20/2010 14:30
Location			SWMU 13	SWMU 13	SWMU 13	SWMU 13	SWMU 13	SWMU 13	SWMU 13
Depth Interval(ft)			3	3	0-3	0-5	0-5	0-5	
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	PCBs Only	PCBs Only	mg/kg
VOCs									
1,4-Dichlorobenzene	13	1.8	ND	ND	ND	ND	-	-	ND
Benzene	4.8	0.06	ND	ND	ND	ND	-	-	ND
Ethylbenzene	41	1	ND	ND	ND	ND	-	-	ND
Toluene	100	0.7	ND	ND	0.0013	ND	-	-	ND
Trichloroethene	21	0.47	ND	ND	ND	ND	-	-	ND
Xylenes, total	100	0.26	ND	ND	ND	ND	-	-	ND
SVOCs - GC/MS (8270)									
Benzo[a]anthracene	1	1	ND	0.031	0.18	ND	-	-	0.024
Benzo[a]pyrene	1	1	ND	0.025	0.24	ND	-	-	0.028
Benzo[b]fluoranthene	1	1	ND	0.030	0.45	ND	-	-	0.035
Benzo[k]fluoranthene	3.9	0.8	ND	0.015	ND	ND	-	-	0.02
Chrysene	3.9	1	ND	0.029	0.20	ND	-	-	0.032
Dibenz[a,h]anthracene	0.33	0.33	ND	ND	0.12	ND	-	-	ND
Fluoranthene	100	100	0.052	0.057	0.21	ND	-	-	0.059
Indeno[1,2,3-cd]pyrene	0.5	0.5	ND	0.014	0.28	ND	-	-	0.018
Phenanthrene	100	100	0.046	0.041	0.18	ND	-	-	0.055
Pyrene	100	100	0.046	0.051	0.20	ND	-	-	0.051
Aniline	48	NC	ND	ND	ND	ND	-	-	ND
2-Methylphenol	100	NC	ND	ND	ND	ND	-	-	ND
Di-n-butyl phthalate	100	NC	2.4	0.78	1.2	ND	-	-	0.18
Phenol	100	0.33	ND	0.065	ND	ND	-	-	ND
PCBs - EPA Method 808 (8082)									
Total Polychlorinated Biphenyls	1	0.1	ND	0.035	0.518	ND			ND
Metals - Method SW 846 Series									
Arsenic	16	13	3.7	5.4	7.9	4.5	-	-	4.5
Barium	400	350	85.8	114	161	142	-	-	67.4
Cadmium	4.3	2.5	1.38	ND	ND	0.357	-	-	ND
Chromium*	180	30	12.3	15.8	7.42	23.1	-	-	13.1
Copper	270	50	205	22.2	98.4	30.6	-	-	16
Lead	400	63	80.1	12.5	50	11.4	-	-	7.6
Mercury	0.81	0.18	0.0380	0.0851	0.0444	0.0782	-	-	0.0134
Zinc	10000	109	409	65	434	310	-	-	49.2

1) Analytical Methods: VOCs - 8260B; SVOCs - 8270C; PCBs - 8082; total metals 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) NC = No Criteria

7) ND = Analyte included in the analysis, but not detected.

*Sample location was overexcavated and resampled.

TABLE 62
SPAULDING COMPOSITES SITE
SWMU14, OU 1/3/4
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	002B	003B	011S	012S	013S	014S	013B
Date Sampled			11/05/2009 13:32	11/05/2009 13:35	11/05/2009 14:00	11/05/2009 14:05	12/02/2009 10:30	12/2/2009 10:30	12/18/2009 12:00
Location			SWMU 14	SWMU 14	SWMU 14	SWMU 14	SWMU 14	SWMU 14	SWMU 14
Depth Interval(ft)			4	4	0-4	0-4	0-5	0-5	5
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	(Resample of 005S)	(Resample of 014S)	mg/kg
VOCs									
1,4-Dichlorobenzene	13	1.8	ND	ND	ND	ND	ND	ND	ND
Benzene	4.8	0.06	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	41	1	ND	ND	ND	ND	ND	ND	ND
Toluene	100	0.7	ND	ND	ND	ND	ND	0.0019	ND
Trichloroethene	21	0.47	ND	ND	ND	ND	ND	ND	ND
Xylenes, total	100	0.26	ND	ND	ND	ND	ND	ND	ND
SVOCs - GC/MS (8270)									
Benzo[a]anthracene	1	1	0.026	0.50	0.15	0.23	0.037	1.4	0.14
Benzo[a]pyrene	1	1	0.018	0.45	0.13	0.12	0.035	1.1	0.11
Benzo[b]fluoranthene	1	1	0.025	0.55	0.17	0.14	0.037	1.3	0.21
Benzo[k]fluoranthene	3.9	0.8	ND	0.16	0.055	ND	0.022	0.48	ND
Chrysene	3.9	1	0.021	0.46	0.14	0.18	0.036	1.1	0.13
Dibenz[a,h]anthracene	0.33	0.33	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100	100	0.047	1.2	0.36	0.39	0.078	2.9	0.32
Indeno[1,2,3-cd]pyrene	0.5	0.5	ND	0.23	0.085	ND	0.019	0.56	0.078
Phenanthrene	100	100	0.042	0.97	0.27	ND	0.067	2.3	0.23
Pyrene	100	100	0.039	0.98	0.29	0.31	0.066	2.3	0.30
Aniline	48	NC	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	100	NC	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	100	NC	ND	ND	ND	1.2	ND	ND	ND
Phenol	100	0.33	ND	ND	ND	ND	ND	ND	ND
PCBs - EPA Method 808 (8082)									
Total Polychlorinated Biphenyls	1	0.1	ND	ND	ND	0.34	ND	ND	ND
Metals - Method SW 846 Series									
Arsenic	16	13	4.5	5.4	4.4	6.8	4.6	6.7	6.5
Barium	400	350	115	110	96.2	154	181	97.2	44
Cadmium	4.3	2.5	0.693	0.238	0.132	0.580	2.15	2.46	3.24
Chromium*	180	30	19.5	19.5	18.4	24	22.2	17.2	13.7
Copper	270	50	29.2	41.7	32.4	380	49.1	1260	140
Lead	400	63	14.4	32.6	20.5	356	12.7	74.0	158
Mercury	0.81	0.18	0.0359	0.0510	0.0211	0.123	ND	0.100	0.02
Zinc	10000	109	4040	2590	964	6470	5590	1060	3430

1) Analytical Methods: VOCs - 8260B; SVOCs - 8270C; PCBs - 8082; total metals 6000/7000 Series Methods.

2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential

3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil

4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.

5) mg/kg = milligrams per kilogram (ppm)

6) NC = No Criteria

7) ND = Analyte included in the analysis, but not detected.

*Sample location was overexcavated and resampled.

TABLE 63
SPAULDING COMPOSITES SITE
SWMU26, OU 1/3/4
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	016BRR
Date Sampled			2/9/2010 12:00
Location			SWMU 26
Depth Interval(ft)			<1
Units	mg/kg	mg/kg	PCBs Only
VOCs			
1,4-Dichlorobenzene	13	1.8	-
Benzene	4.8	0.06	-
Ethylbenzene	41	1	-
Toluene	100	0.7	-
Trichloroethene	21	0.47	-
Xylenes, total	100	0.26	-
SVOCs - GC/MS (8270)			
Benzo[a]anthracene	1	1	-
Benzo[a]pyrene	1	1	-
Benzo[b]fluoranthene	1	1	-
Benzo[k]fluoranthene	3.9	0.8	-
Chrysene	3.9	1	-
Dibenz[a,h]anthracene	0.33	0.33	-
Fluoranthene	100	100	-
Indeno[1,2,3-cd]pyrene	0.5	0.5	-
Phenanthrene	100	100	-
Pyrene	100	100	-
Aniline	48	NC	-
2-Methylphenol	100	NC	-
Di-n-butyl phthalate	100	NC	-
Phenol	100	0.33	-
PCBs - EPA Method 808 (8082)			
Total Polychlorinated Biphenyls	1	0.1	0.057
Metals - Method SW 846 Series			
Arsenic	16	13	-
Barium	400	350	-
Cadmium	4.3	2.5	-
Chromium*	180	30	-
Copper	270	50	-
Lead	400	63	-
Mercury	0.81	0.18	-
Zinc	10000	109	-

1) Analytical Methods: VOCs - 8260B; SVOCs - 8270C; PCBs - 8082; total metals 6000/7000 Series Methods.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil
4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.
*Sample location was overexcavated and resampled.

TABLE 64
SPAULDING COMPOSITES SITE
SWMU35, OU 1/3/4
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	001B	002R	003R	004R
Date Sampled			11/23/09 11:30	12/10/2009 09:00	12/10/2009 09:05	12/10/2009 09:05
Location			SWMU 35	SWMU 35	SWMU 35	SWMU 35
Depth Interval(ft)			5	0-10	0-10	0-10
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOCs						
1,4-Dichlorobenzene	13	1.8	ND	ND	ND	ND
Benzene	4.8	0.06	0.0043	ND	ND	ND
Ethylbenzene	41	1	ND	ND	ND	ND
Toluene	100	0.7	0.18	ND	ND	ND
Trichloroethene	21	0.47	ND	ND	ND	ND
Xylenes, total	100	0.26	ND	ND	ND	ND
SVOCs - GC/MS (8270)						
Benzo[a]anthracene	1	1	ND	ND	0.23	ND
Benzo[a]pyrene	1	1	ND	ND	ND	ND
Benzo[b]fluoranthene	1	1	ND	ND	ND	ND
Benzo[k]fluoranthene	3.9	0.8	ND	ND	ND	ND
Chrysene	3.9	1	ND	ND	ND	ND
Dibenz[a,h]anthracene	0.33	0.33	ND	ND	ND	ND
Fluoranthene	100	100	ND	ND	0.17	ND
Indeno[1,2,3-cd]pyrene	0.5	0.5	ND	ND	ND	ND
Phenanthrene	100	100	ND	ND	ND	ND
Pyrene	100	100	ND	ND	ND	ND
Aniline	48	NC	ND	0.81	7.3	ND
2-Methylphenol	100	NC	ND	ND	0.69	ND
Di-n-butyl phthalate	100	NC	ND	2.5	31	0.085
Phenol	100	0.33	ND	0.28	ND	ND
PCBs - EPA Method 808 (8082)						
Total Polychlorinated Biphenyls	1	0.1	ND	ND	ND	ND
Metals - Method SW 846 Series						
Arsenic	16	13	4.5	4.4	4.9	4.6
Barium	400	350	90.1	86.4	117	180
Cadmium	4.3	2.5	0.111	0.178	0.335	0.170
Chromium*	180	30	25.2	14.3	16.5	17.9
Copper	270	50	20.1	18.8	38.4	27.9
Lead	400	63	8.1	10	15.6	10.5
Mercury	0.81	0.18	0.0096	0.0122	0.0197	0.0167
Zinc	10000	109	68.6	61.9	128	92.3

1) Analytical Methods: VOCs - 8260B; SVOCs - 8270C; PCBs - 8082; total metals
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil
4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.
*Sample location was overexcavated and resampled.

TABLE 65
SPAULDING COMPOSITES SITE
SWMU36, OU 1/3/4
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	001B	003S	004S	005S	007S	013S	014B
Date Sampled			12/03/2009 12:00	12/03/2009 12:00	12/03/2009 12:00	12/03/2009 12:00	12/03/2009 12:00	12/22/2009 11:20	12/22/2009 11:25
Location			SWMU 36	SWMU 36	SWMU 36	SWMU 36	SWMU 36	SWMU 36	SWMU 36
Depth Interval(ft)			5	0-5	0-5	0-5	0-5	0-4	4
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOCs									
1,4-Dichlorobenzene	13	1.8	ND	ND	ND	ND	ND	ND	ND
Benzene	4.8	0.06	1.1	0.023	0.14	ND	0.0013	0.0039	3.6
Ethylbenzene	41	1	0.0030	ND	ND	ND	ND	ND	0.016
Toluene	100	0.7	0.43	0.0042	0.53	0.00088	0.0014	ND	1.1
Trichloroethene	21	0.47	ND	ND	ND	ND	ND	ND	ND
Xylenes, total	100	0.26	0.062	ND	ND	ND	ND	ND	0.34
SVOCs - GC/MS (8270)									
Benzo[a]anthracene	1	1	0.068	0.74	0.19	ND	0.023	0.042	0.056
Benzo[a]pyrene	1	1	0.059	0.77	0.19	ND	ND	0.047	0.063
Benzo[b]fluoranthene	1	1	0.081	0.91	0.37	ND	0.019	0.091	0.080
Benzo[k]fluoranthene	3.9	0.8	0.046	0.29	ND	ND	ND	ND	0.034
Chrysene	3.9	1	0.075	0.77	0.3	ND	0.018	0.044	0.060
Dibenz[a,h]anthracene	0.33	0.33	ND	0.13	0.05	ND	ND	0.014	0.019
Fluoranthene	100	100	0.16	2.0	0.37	ND	0.030	0.059	0.096
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.049	0.49	0.17	ND	ND	0.041	0.056
Phenanthrene	100	100	0.19	1.5	0.22	ND	0.023	0.031	0.064
Pyrene	100	100	0.12	1.6	0.38	ND	0.029	0.050	0.080
Aniline	48	NC	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	100	NC	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	100	NC	0.10	ND	ND	ND	ND	ND	0.16
Phenol	100	0.33	ND	ND	0.062	ND	ND	ND	ND
PCBs - EPA Method 808 (8082)									
Total Polychlorinated Biphenyls	1	0.1	ND	ND	ND	ND	ND	0.00	ND
Metals - Method SW 846 Series									
Arsenic	16	13	7	10.1	7.6	8.4	6.1	5.7	8.2
Barium	400	350	207	165	268	147	100	171	135
Cadmium	4.3	2.5	0.270	1.86	3.64	ND	ND	0.534	3.01
Chromium*	180	30	28.3	24.7	50.1	26.5	20.6	25.3	20.3
Copper	270	50	135	173	533	35.5	96.4	68.6	128
Lead	400	63	57.6	104	260	13.4	17	58.6	102
Mercury	0.81	0.18	0.0527	0.425	0.646	ND	0.141	0.278	0.238
Zinc	10000	109	681	1170	6020	78.1	107	247	881

1) Analytical Methods: VOCs - 8260B; SVOCs - 8270C; PCBs - 8082; total metals 6000/7000 Series Methods.
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil
4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.

TABLE 66
SPAULDING COMPOSITE SITE
AOC 45, OU 1/3/4
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	005S	008S	011B	012S	013S	016B	018S
Date Sampled			11/30/2009 10:30	11/30/2009 10:30	12/01/2009 13:00	12/01/2009 13:00	12/01/2009 13:00	12/01/2009 13:00	12/01/2009 13:00
Location			AOC 45	AOC 45	AOC 45	AOC 45	AOC 45	AOC 45	AOC 45
Depth Interval(ft)			0-4	0-4	4	0-4	0-4	4	0-4
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOCs									
1,4-Dichlorobenzene	13	1.8	ND	ND	ND	ND	ND	ND	ND
Benzene	4.8	0.06	ND	ND	ND	ND	0.0090	0.00088	0.0047
Ethylbenzene	41	1	ND	ND	0.0017	ND	0.0020	ND	ND
Toluene	100	0.7	ND	ND	0.0068	ND	0.00081	ND	0.0014
Trichloroethene	21	0.47	ND	ND	ND	ND	ND	ND	ND
Xylenes, total	100	0.26	ND	ND	0.0044	ND	0.016	ND	ND
SVOCs - GC/MS (8270)									
Benzo[a]anthracene	1	1	0.15	ND	0.037	0.66	0.37	ND	0.19
Benzo[a]pyrene	1	1	0.16	ND	ND	0.60	0.31	ND	ND
Benzo[b]fluoranthene	1	1	0.13	ND	0.028	0.68	0.36	ND	0.20
Benzo[k]fluoranthene	3.9	0.8	ND	ND	ND	0.34	0.17	ND	ND
Chrysene	3.9	1	0.14	ND	0.031	0.61	0.30	ND	0.19
Dibenz[a,h]anthracene	0.33	0.33	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100	100	0.24	ND	0.088	1.6	0.92	0.083	0.28
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.070	ND	ND	0.38	0.20	ND	ND
Phenanthrene	100	100	0.20	ND	0.087	1.4	0.78	ND	ND
Pyrene	100	100	0.21	ND	0.066	1.2	0.73	ND	0.28
Aniline	48	NC	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	100	NC	ND	ND	0.70	ND	ND	ND	ND
Di-n-butyl phthalate	100	NC	ND	ND	ND	ND	ND	ND	ND
Phenol	100	0.33	ND	ND	3.7	ND	ND	ND	ND
PCBs - EPA Method 808 (8082)									
Total Polychlorinated Biphenyls	1	0.1	ND	ND	ND	ND	ND	ND	ND
Metals - Method SW 846 Series									
Arsenic	16	13	6.2	4	5	3	5.4	7.2	10.3
Barium	400	350	103	161	160	52.6	125	143	207
Cadmium	4.3	2.5	0.112	0.147	0.402	0.484	1.27	0.584	1.66
Chromium*	180	30	13.6	25.2	31	13.8	20.6	20.5	34
Copper	270	50	19.1	18.5	40.1	58	46.4	62.5	264
Lead	400	63	15	11.7	11.7	54.2	127	72.2	180
Mercury	0.81	0.18	0.0223	0.0214	0.0159	0.0399	0.0303	0.164	0.794
Zinc	10000	109	64.8	98.2	121	165	511	162	707

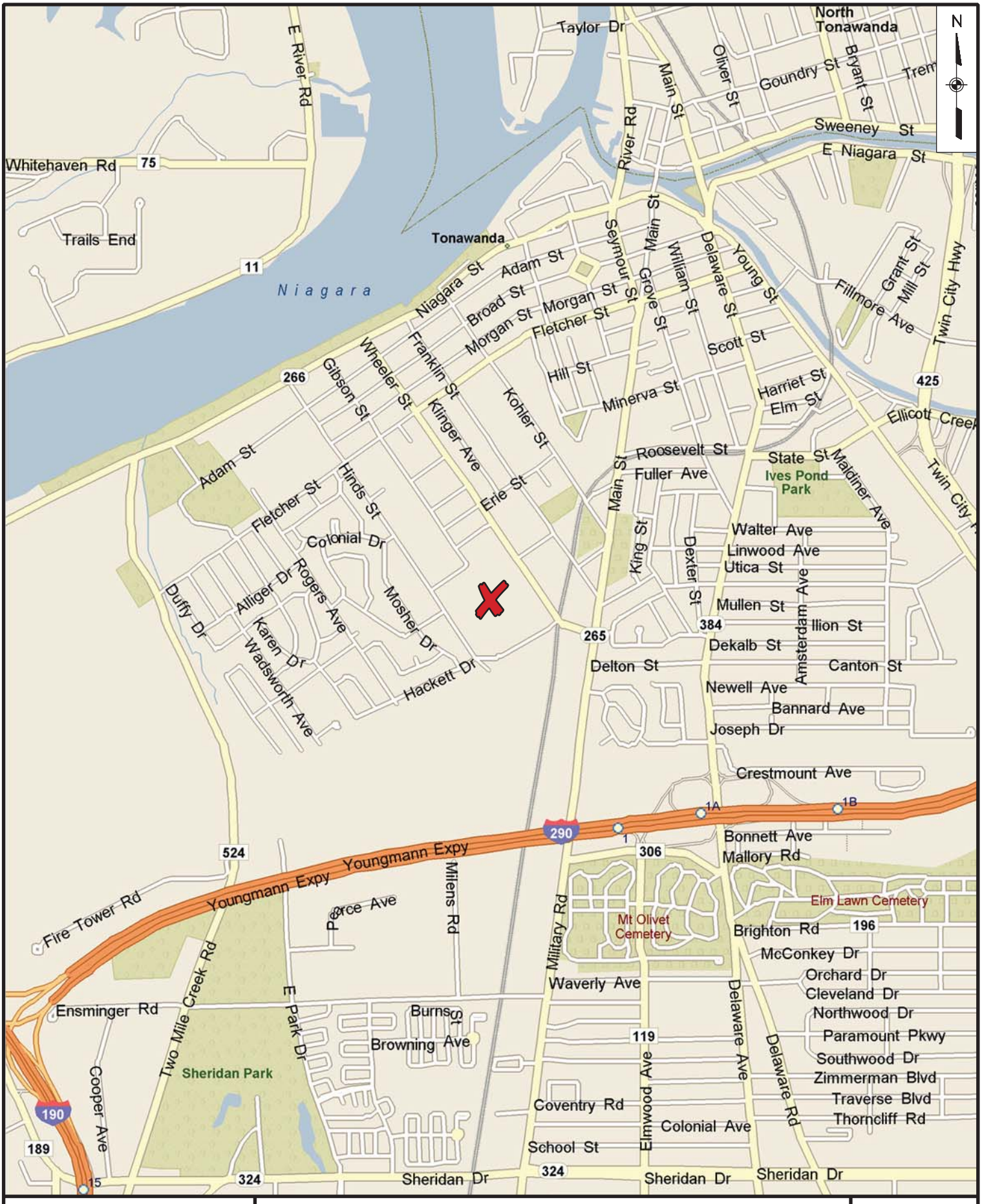
1) Analytical Methods: VOCs - 8260B; SVOCs - 8270C; PCBs - 8082; total metals
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil
4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.

TABLE 66
SPAULDING COMPOSITE SITE
AOC 45, OU 1/3/4
SUMMARY OF CONFIRMATION SOIL SAMPLE RESULTS

Sample ID	NYSDEC Part 375 Restricted Residential Guidance Value	NYSDEC Part 375 Unrestricted Guidance Value	021B	022S	004BR	009BR	010BR	017BR	002BRR
Date Sampled			12/02/2009 09:30	12/02/2009 09:30	01/27/2010 11:15	01/27/2010 11:25	01/27/2010 11:20	01/27/2010 11:30	2/12/2010 9:00am
Location			AOC 45	AOC 45	AOC 45	AOC 45	AOC 45	AOC 45	AOC 45
Depth Interval(ft)			4	0-4	7	7	7	7	SVOCs only
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOCs									
1,4-Dichlorobenzene	13	1.8	ND	ND	ND	ND	ND	ND	ND
Benzene	4.8	0.06	0.0017	ND	ND	ND	ND	0.0030	-
Ethylbenzene	41	1	ND	ND	ND	ND	ND	ND	-
Toluene	100	0.7	0.0016	ND	ND	ND	ND	0.0036	-
Trichloroethene	21	0.47	ND	ND	ND	ND	ND	ND	-
Xylenes, total	100	0.26	ND	ND	ND	ND	ND	ND	-
SVOCs - GC/MS (8270)									
Benzo[a]anthracene	1	1	ND	0.40	ND	ND	ND	0.14	ND
Benzo[a]pyrene	1	1	ND	0.32	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	1	1	ND	0.35	ND	ND	ND	0.12	ND
Benzo[k]fluoranthene	3.9	0.8	ND	0.22	ND	ND	ND	ND	ND
Chrysene	3.9	1	ND	0.35	ND	ND	ND	0.12	ND
Dibenz[a,h]anthracene	0.33	0.33	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100	100	ND	0.67	ND	ND	ND	0.23	ND
Indeno[1,2,3-cd]pyrene	0.5	0.5	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	100	100	ND	0.64	ND	ND	ND	0.20	ND
Pyrene	100	100	ND	0.60	ND	ND	ND	0.18	ND
Aniline	48	NC	ND	ND	ND	ND	ND	ND	-
2-Methylphenol	100	NC	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	100	NC	ND	ND	ND	ND	ND	ND	ND
Phenol	100	0.33	ND	ND	ND	ND	ND	ND	ND
PCBs - EPA Method 808 (8082)									
Total Polychlorinated Biphenyls	1	0.1	ND	ND	ND	ND	ND	ND	-
Metals - Method SW 846 Series									
Arsenic	16	13	5.2	7.6	4.1	4.2	5.7	5.5	-
Barium	400	350	147	112	184	179	174	179	-
Cadmium	4.3	2.5	0.553	1.19	ND	ND	ND	0.383	-
Chromium*	180	30	24	21.1	28.7	28.3	27.9	28.6	-
Copper	270	50	24.8	148	24.1	24	24.8	84	-
Lead	400	63	13	41.1	9.5	8.7	9.2	34.8	-
Mercury	0.81	0.18	0.0122	0.109	0.0200	0.0120	0.0108	0.0765	-
Zinc	10000	109	115	425	69.4	70.8	73.0	329	-

1) Analytical Methods: VOCs - 8260B; SVOCs - 8270C; PCBs - 8082; total metals
2) Shaded areas indicate result exceeds NYSDEC Part 375 Restricted Residential
3) Shaded areas indicate result exceeds NYSDEC Part 375 Unrestricted Soil
4) J = detected above the MDL, but below the RL; therefore, result is an estimated concentration.
5) mg/kg = milligrams per kilogram (ppm)
6) NC = No Criteria
7) ND = Analyte included in the analysis, but not detected.

REV-1



LiRo Engineers, Inc.
690 Delaware Ave.
Buffalo, NY 14209

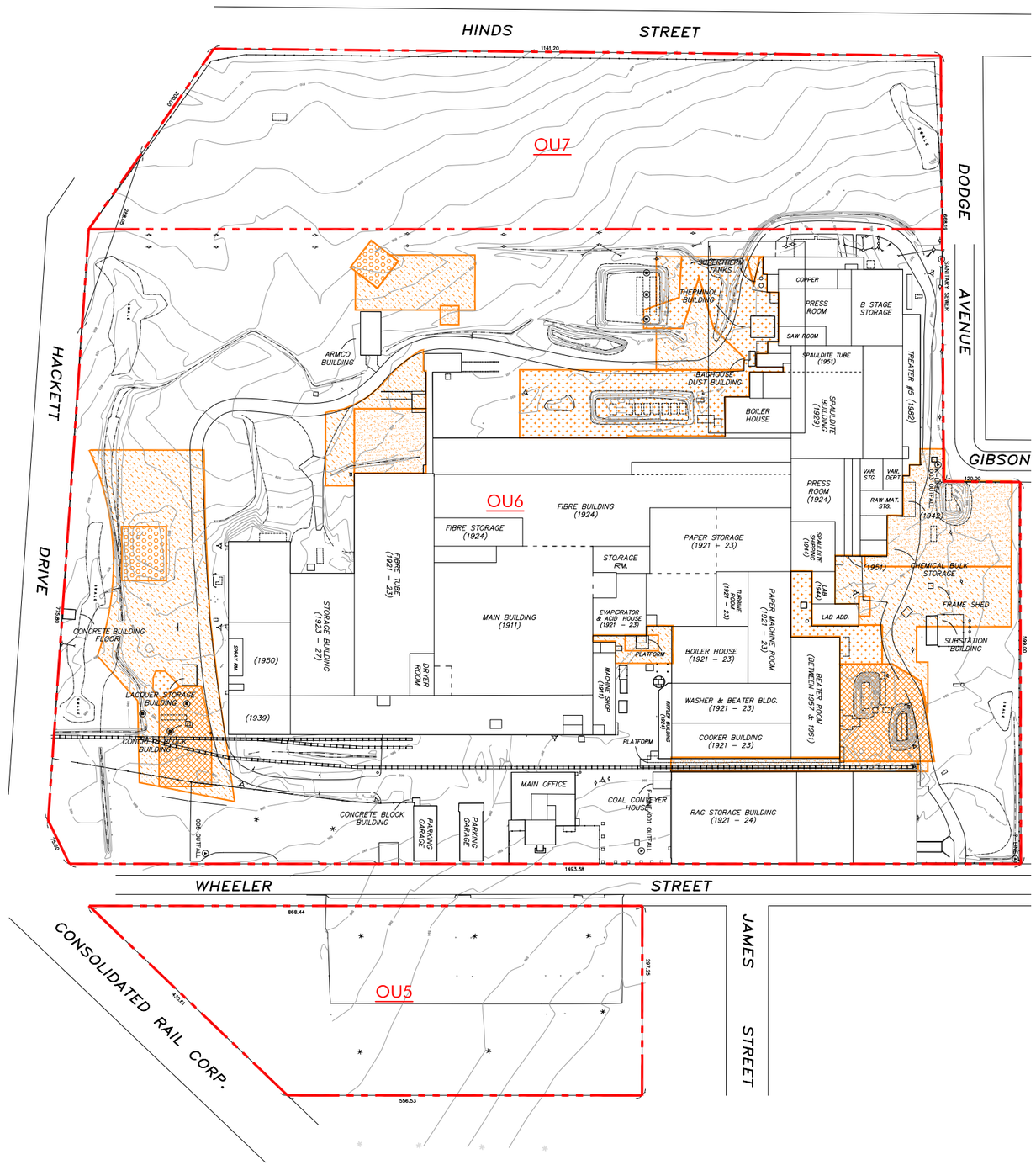
SPAULDING COMPOSITES SITE
SITE LOCATION MAP

FIGURE NO.

1

J:\0725306A Spaulding\CAD\SMP\Spaulding Site Loc.ai

REV.-1



NOTE:

ALL PLANT BUILDINGS AND FOUNDATIONS WERE DEMOLISHED BETWEEN 2006 TO 2010.

N

LEGEND

- OU1: REGULATED WASTES (STATE SUPERFUND–EXCLUDED FROM PROJECT SCOPE)
- OU2: PCB CONTAMINATED WASTES – IRM AREAS (STATE SUPERFUND–EXCLUDED FROM PROJECT SCOPE)
- OU3: PETROLEUM CONTAMINATED WASTES (STATE SUPERFUND–EXCLUDED FROM PROJECT SCOPE)
- OU4: MULTIPLE CONTAMINANT WASTES (STATE SUPERFUND–EXCLUDED FROM PROJECT SCOPE)
- EXPANDED AREA OF CONTAMINATED WASTES (STATE SUPERFUND–EXCLUDED FROM PROJECT SCOPE)
- PROPERTY LIMIT/AREA DEMARCATION

100 0 100
SCALE IN FEET

NO.	DATE	DESCRIPTION
		REVISIONS

LiRo Engineers, Inc.
690 Delaware Ave.
Buffalo, New York

PROJ. ENG.:	M.J.W.
DESIGNED BY:	
CHECKED BY:	
DRAWN BY:	A.M.K.

CLIENT: The City of Tonawanda

DATE: DECEMBER 2010

SCALE: AS SHOWN

JOB TITLE AND LOCATION:
SPAULDING COMPOSITES SITE
FINAL ENGINEERING REPORT

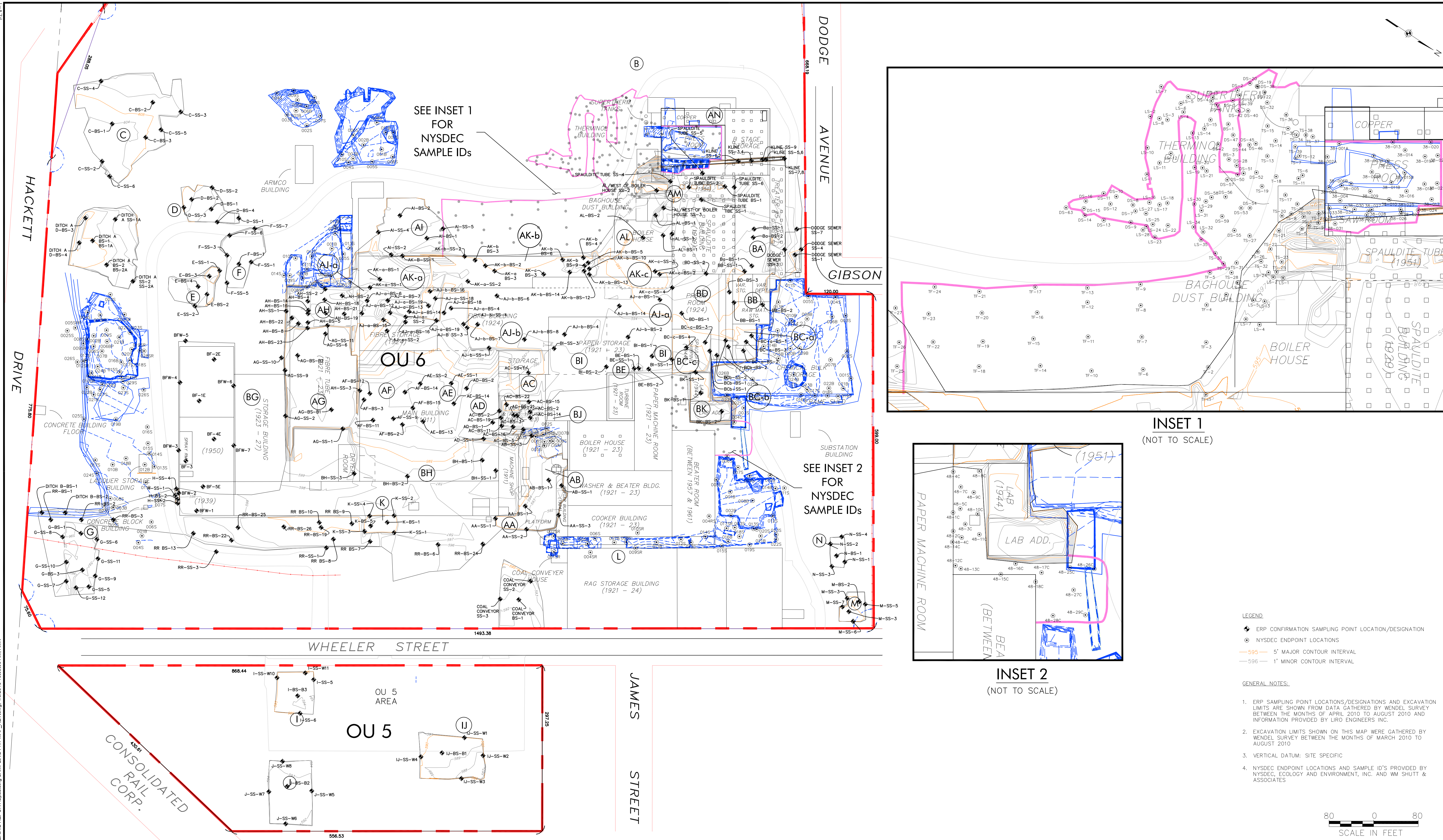
LIRO JOB NO.: 08-49-446

SHEET OF

DRAWING TITLE:
SITE PLAN AND FORMER PLANT LAYOUT

FIGURE NO. 2

J:\07253\06A Spaulding\CAD\FINAL ENGINEERING REPORT\Spaulding Building Plan and Former Plant.dwg, 12/17/2010 7:48:53 AM, AMK



GENERAL NOTES:

1. ERP SAMPLING POINT LOCATIONS/DESIGNATIONS AND EXCAVATION LIMITS ARE SHOWN FROM DATA GATHERED BY WENDEL SURVEY BETWEEN THE MONTHS OF APRIL 2010 TO AUGUST 2010 AND INFORMATION PROVIDED BY LIRO ENGINEERS INC.
2. EXCAVATION LIMITS SHOWN ON THIS MAP WERE GATHERED BY WENDEL SURVEY BETWEEN THE MONTHS OF MARCH 2010 TO AUGUST 2010
3. VERTICAL DATUM: SITE SPECIFIC
4. NYSDEC ENDPOINT LOCATIONS AND SAMPLE ID'S PROVIDED BY NYSDEC, ECOLOGY AND ENVIRONMENT, INC. AND WM SHUTT & ASSOCIATES

WARNING
IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER THAN THOSE WHOSE SEAL APPEARS ON THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NO.	DATE	DESCRIPTION

REVISIONS

LiRo Engineers, Inc.
690 Delaware Ave.
Buffalo, New York

PROJ. ENG.: M.J.W.
DESIGNED BY:
CHECKED BY:
DRAWN BY: A.M.K.

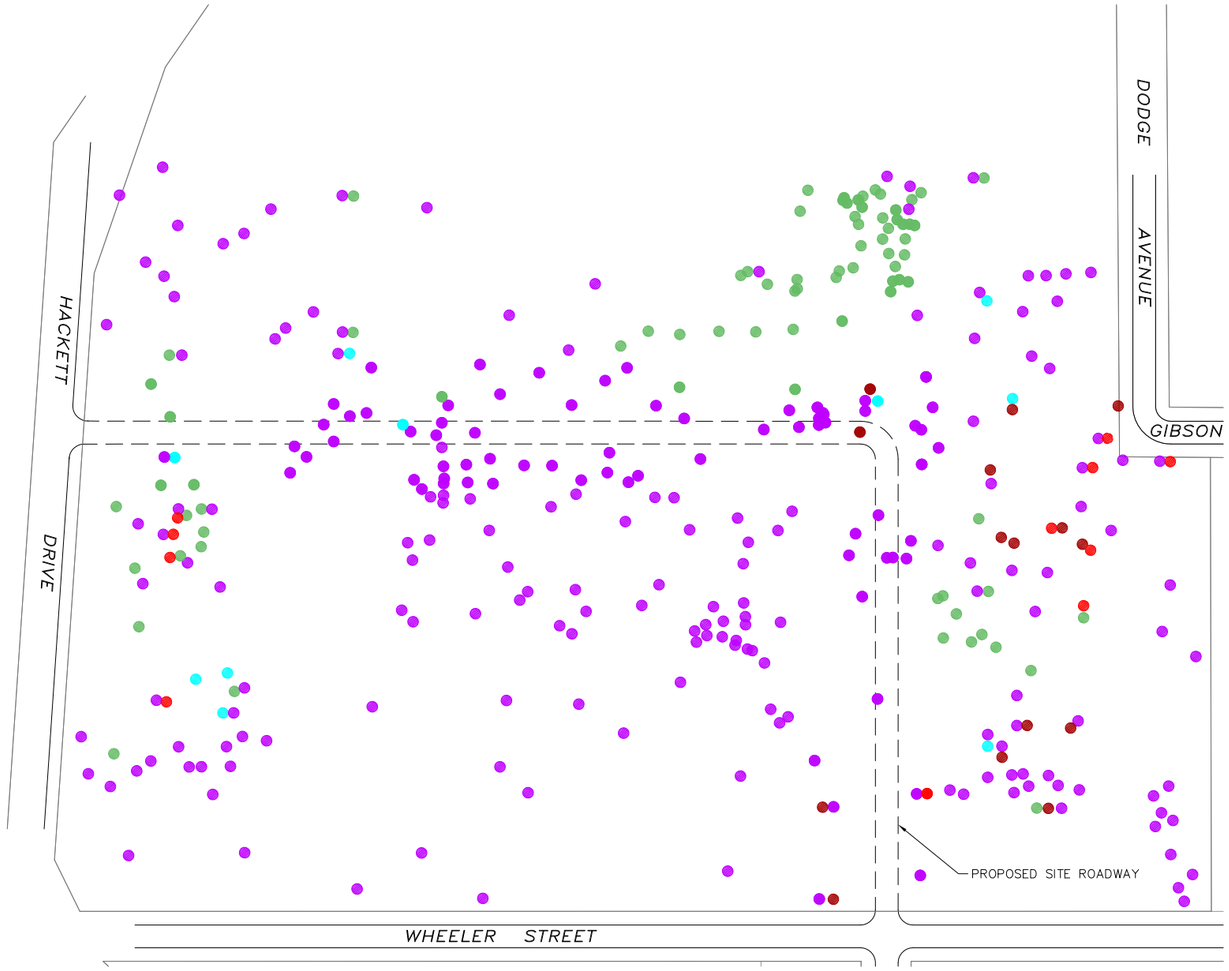
CLIENT: The City of Tonawanda
DATE: NOVEMBER 2010
SCALE: AS SHOWN

JOB TITLE AND LOCATION: SPAULDING FIBRE SITE FINAL ENGINEERING REPORT
DRAWING TITLE: ENDPOINT CONFIRMATION SAMPLE LOCATIONS

LIRO JOB NO.: 08-49-446
SHEET OF
FIGURE NO. 3

J:\0725306A Spaulding\CAD\FINAL ENGINEERING REPORT\Spaulding SAMPLING PNT MAP_REV.dwg, 4/8/2013 10:09:06 AM, AMK

REV-1



N

LEGEND

UNRESTRICTED CRITERIA

- METALS EXCEEDANCE
- PAH's EXCEEDANCE
- PCB's EXCEEDANCE
- VOC EXCEEDANCE
- SVOC EXCEEDANCE

NOTE:

SEE DETAIL DRAWING 4A, 4B AND 4C.

100 0 100
SCALE IN FEET

NO.	DATE	DESCRIPTION

REVISIONS

LiRo Engineers, Inc.
690 Delaware Ave.
Buffalo, New York

PROJ. ENG.:	M.J.W.
DESIGNED BY:	
CHECKED BY:	
DRAWN BY:	A.M.K.

CLIENT: The City of Tonawanda

DATE: MAY 2011

SCALE: AS SHOWN

JOB TITLE AND LOCATION: SPAULDING FIBRE FINAL ENGINEERING REPORT

LIRO JOB NO.: 08-49-446

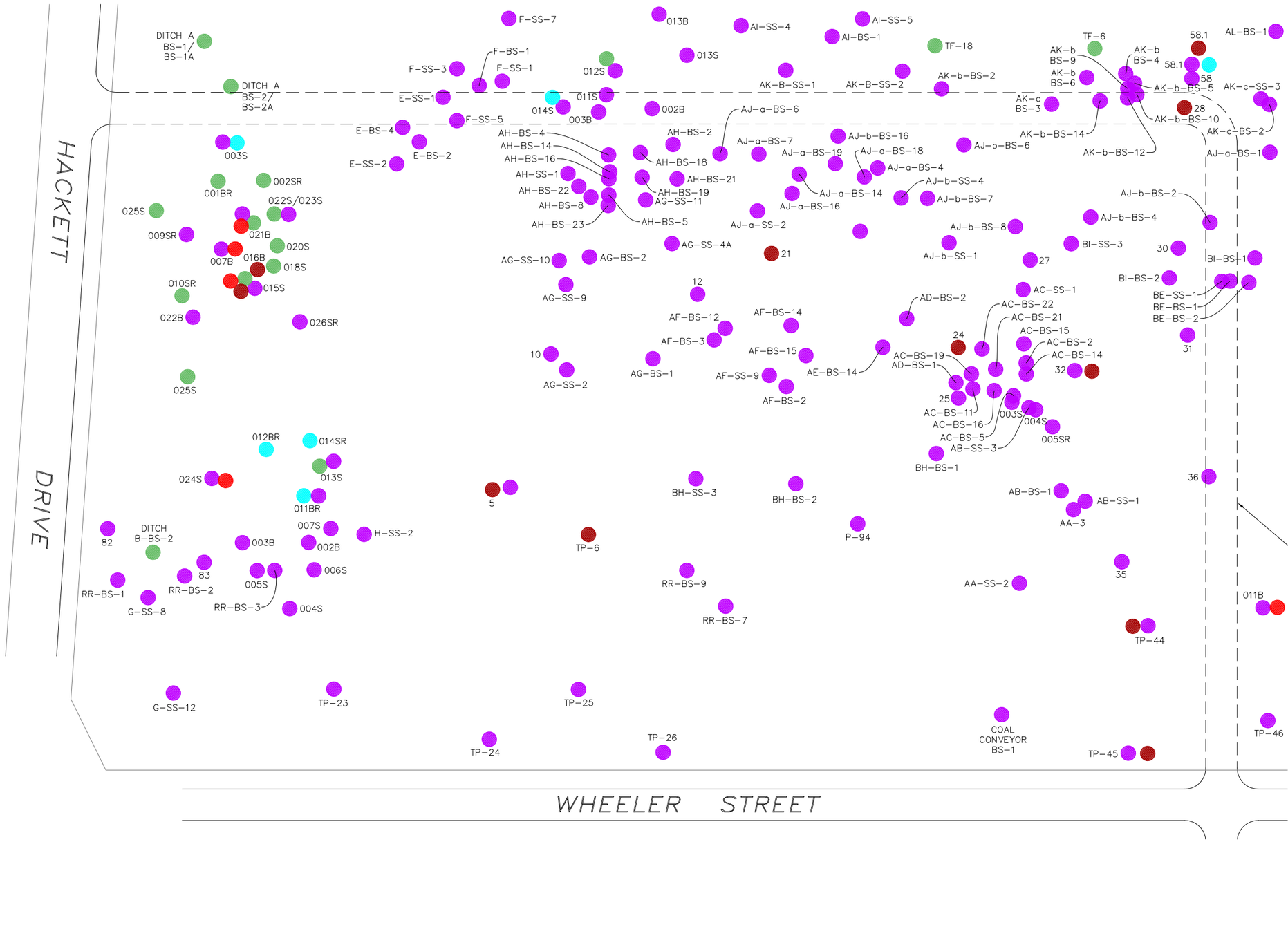
SHEET OF

DRAWING TITLE: PART 375 UNRESTRICTED EXCEEDANCES OVERVIEW

FIGURE NO. 4

J:\07\25306A Spaulding\CAD\FINAL ENGINEERING REPORT\Spaulding Unrestricted Exceedances Plan.dwg, 9/19/2011 11:24:44 AM, ES

REV-1



KEY PLAN
N.T.S.

LEGEND

UNRESTRICTED CRITERIA
- METALS EXCEEDANCE
- PAH's EXCEEDANCE
- PCB's EXCEEDANCE
- VOC EXCEEDANCE
- SVOC EXCEEDANCE

50 0 50
SCALE IN FEET

J:\07\2306A Spaulding\CAD\FINAL ENGINEERING REPORT\Spaulding Unrestricted Exceedances FIG 4A.dwg, 9/19/2011 11:26:13 AM, ES

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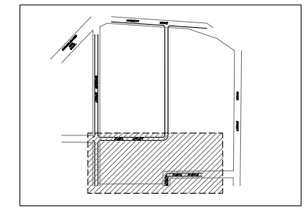
NO.	DATE	DESCRIPTION
REVISIONS		

LiRo Engineers, Inc.
690 Delaware Ave.
Buffalo, New York

PROJ. ENG.:	M.J.W.
DESIGNED BY:	
CHECKED BY:	
DRAWN BY:	A.M.K.
CLIENT:	The City of Tonawanda
DATE:	MAY 2011
SCALE:	AS SHOWN
JOB TITLE AND LOCATION:	SPAULDING FIBRE FINAL ENGINEERING REPORT
LIRO JOB NO.:	08-49-446
SHEET	OF
DRAWING TITLE:	PART 375 UNRESTRICTED EXCEEDANCES DETAIL SOUTHEAST
FIGURE NO.	4A

REV-1



KEY PLAN
N.T.S.

WHEELER STREET

DODGE AVENUE

GIBSON

TP-45 TP-44 35 TP-46 011B PROPOSED SITE ROADWAY 36 TP-31 BI-BS-2 30 AK-b-BS-9 AK-b-BS-4 AK-b-BS-12 AK-b-BS-5 AK-b-BS-10 28 58.1 58 BE-SS-1 BE-BS-1 BE-BS-2 AJ-b-BS-2 BI-BS-1 AJ-a-BS-1 AK-c-SS-3 AK-c-SS-4 AL-BS-1 57 AK-c-BS-2 48-1C 48-5C BI-SS-1 48-13C 48-11C BK-SS-1 BK-BS-1 48-15C 48-16C 48-18C 012S 013S 43 41 017BR 004S 016B 018S 003S 001B 007S 48-29C TP-47 013S 021B 022S 014B 003R 026B 52.1 52 54 025B 014B 012B 015B 16/17/18SR 013B 011S 009B SEWER PIPE BS-1 005S 004S 021B TP-3 74 AM-1 AM-3 SPAULDITE TUBE SS-5 TP-56 P-43 Ba-SS-1 SPAULDITE TUBE SS-6 TP-61 KLINE SS-1,2 KLINE SS-3,4 KLINE SS-5,6 KLINE SS-7,8 TP-63 TF-5 LS-31 LS-29 DS-5 DS-6 DS-4 DS-56 DS-28 BS-1 DS-3 T-18 DS-47 DS-42 TS-17 TS-13 TS-15 DS-19 TS-20 79 TS-21 TS-36 DS-22 62 TS-8 62.1 TS-10 TS-11 TS-12 TS-14 TS-37 TS-35 TS-34 TS-38 AL/WEST OF BOILER HOUSE SS-2 N-SS-3 N-BS-1 N-SS-2 N-SS-4 N-SS-1 M-SS-3 75 M-SS-6 M-BS-2

LEGEND

UNRESTRICTED CRITERIA
- METALS EXCEEDANCE
- PAH's EXCEEDANCE
- PCB's EXCEEDANCE
- VOC EXCEEDANCE
- SVOC EXCEEDANCE

50 0 50
SCALE IN FEET

WARNING

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NO.	DATE	DESCRIPTION
		REVISIONS

LiRo Engineers, Inc.
690 Delaware Ave.
Buffalo, New York

PROJ. ENG.:	M.J.W.
DESIGNED BY:	
CHECKED BY:	
DRAWN BY:	A.M.K.

CLIENT: The City of Tonawanda

DATE: JULY 2011

SCALE: AS SHOWN

JOB TITLE AND LOCATION: SPAULDING FIBRE FINAL ENGINEERING REPORT

LIRO JOB NO.: 08-49-446

SHEET OF

DRAWING TITLE: PART 375 UNRESTRICTED EXCEEDANCES DETAIL NORTH

FIGURE NO. 4B

J:\07253\06A Spaulding\CAD\FINAL ENGINEERING REPORT\Spaulding Unrestricted Exceedances FIG 4B.dwg, 9/19/2011 11:26:48 AM, ES

REV-1

HINDS STREET

HACKETT

PROPOSED SITE ROADWAY

E-SS-1

C-SS-4
TP-54
C-SS-3
TP-64
001B
C-BS-1
C-SS-5
C-BS-3
TP-55
C-SS-2
C-SS-6
TP-56
D-SS-2
D-BS-2
D-SS-3
TP-63
DITCH A SS-1A
D-SS-1
F-SS-7
DITCH A BS-1/ BS-1A
F-SS-3
F-BS-1
F-SS-1
DITCH A BS-2/ BS-2A
F-SS-5
E-BS-4
E-BS-2
E-SS-2
003S
001BR
002SR
AH-BS-4
AH-BS-14
AH-BS-16
AH-SS-1
AH-BS-22
011S
014S
003B
008SR
012S
013B
013S
002B
AH-BS-2
AH-BS-18
AH-BS-21
AH-BS-19
TP-15
AI-BS-2
AI-SS-4
AI-BS-1
AI-SS-5
AJ-a-BS-6
AJ-a-BS-7
AJ-a-BS-19
AJ-a-BS-14
AJ-b-BS-16
AJ-a-BS-18
AJ-a-BS-4
65
TF-24
TF-21
TF-27
TF-17
TF-13
TF-9
TF-5
TF-18
AK-B-SS-1
AK-B-SS-2
AK-b-BS-2
AJ-b-BS-6
TF-6
AK-b BS-9
AK-b BS-6
AK-c BS-3
AK-b-BS-14
AK-b-BS-12
AK-b BS-4
58.1
58
AK-b-BS-5
AK-b-BS-10
AK-c-BS-2
AL-BS-1
57
AK-c-SS-3
AK-c-SS-4
AJ-a-BS-1
DS-18/DS-39
DS-3
DS-19
DS-6
DS-22
DS-5
79
TS-36
DS-4
TS-35
62.1
LS-7
62
TS-38
LS-2
DS-42
BS-1
TS-37
DS-47
TS-15
TS-34
DS-28
TS-12
DS-56
TS-13
TS-14
LS-29
T-18
TS-11
LS-27
LS-31
TS-17
DS-63
80
LS-24
TS-10
DS-13
TS-20
TS-8
LS-28
TS-21

N

KEY PLAN
N.T.S.

LEGEND

UNRESTRICTED CRITERIA

- METALS EXCEEDANCE
- PAH's EXCEEDANCE
- PCB's EXCEEDANCE
- VOC EXCEEDANCE
- SVOC EXCEEDANCE

50 0 50
SCALE IN FEET

J:\07\25306A Spaulding\CAD\FINAL ENGINEERING REPORT\Spaulding Unrestricted Exceedances FIG 4C.dwg, 9/19/2011 11:27:23 AM, ES

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NO.	DATE	DESCRIPTION
		REVISIONS

LiRo Engineers, Inc.
690 Delaware Ave.
Buffalo, New York

PROJ. ENG.:	M.J.W.
DESIGNED BY:	
CHECKED BY:	
DRAWN BY:	A.M.K.

CLIENT: The City of Tonawanda

DATE: MAY 2011

SCALE: AS SHOWN

JOB TITLE AND LOCATION: SPAULDING FIBRE FINAL ENGINEERING REPORT

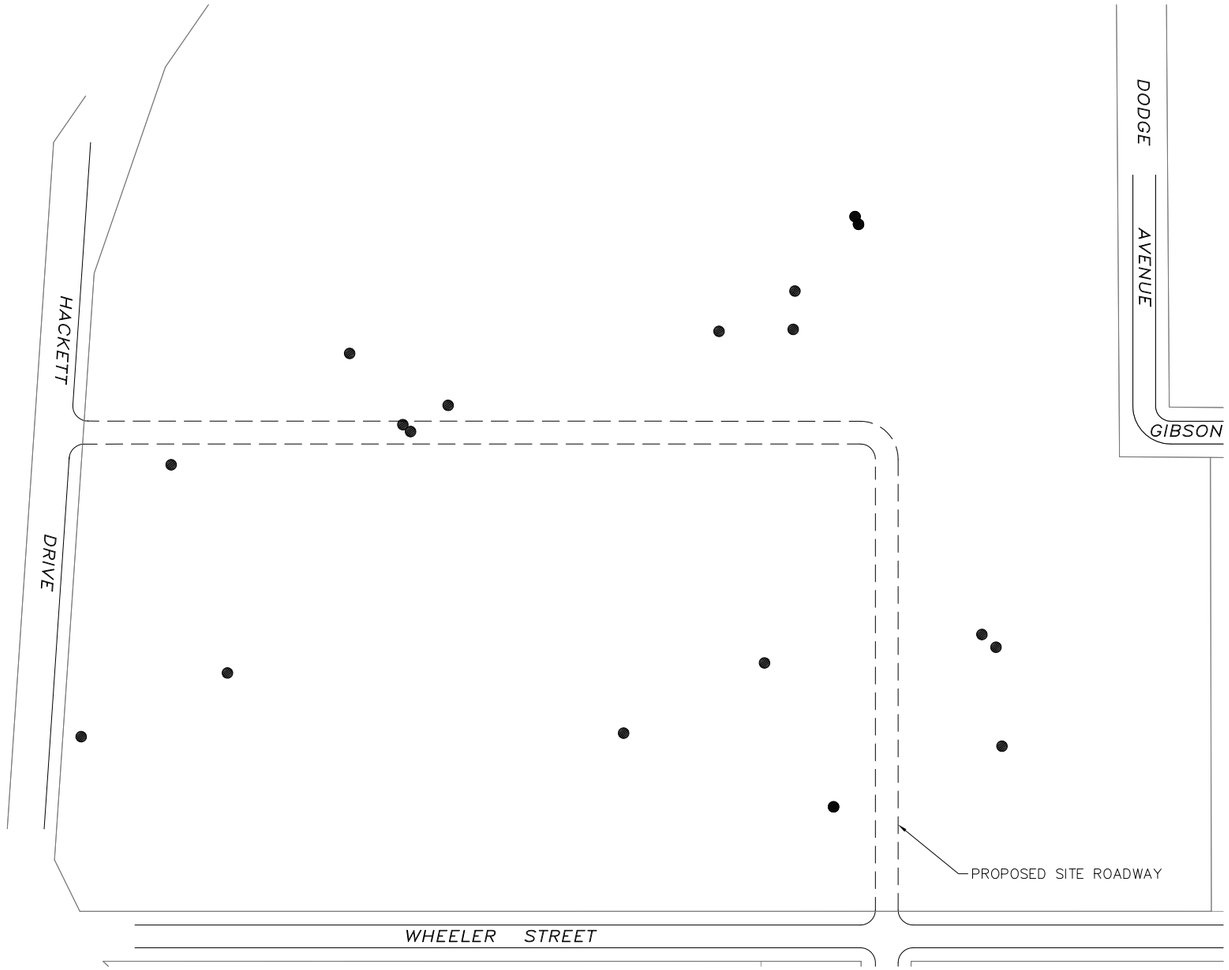
DRAWING TITLE: PART 375 UNRESTRICTED EXCEEDANCES DETAIL SOUTHWEST

LIRO JOB NO.: 08-49-446

SHEET OF

FIGURE NO. 4C

REV-1



N

LEGEND

- SOIL WITHIN TWO FEET OF PRE-COVER GROUND SURFACE EXCEEDS RESTRICTED RESIDENTIAL SOIL CLEANUP OBJECTIVES (SCOs). A SITE COVER IS REQUIRED TO BE MAINTAINED IN THESE AREAS

100 0 100
SCALE IN FEET

J:\07253\06A Spaulding\CAD\FINAL ENGINEERING REPORT\Spaulding Site Cover Areas.dwg, 2/21/2013 1:17:46 PM, ES

NO.	DATE	DESCRIPTION
		REVISIONS

LiRo Engineers, Inc.
690 Delaware Ave.
Buffalo, New York

PROJ. ENG.: M.J.W.	CLIENT: The City of Tonawanda	JOB TITLE AND LOCATION: SPAULDING COMPOSITES SITE FINAL ENGINEERING REPORT	LIRO JOB NO.: 08-49-446
DESIGNED BY:			SHEET OF
CHECKED BY:		DRAWING TITLE: SITE COVER AREAS	FIGURE NO. 5
DRAWN BY: A.M.K.	DATE: FEBRUARY 2013	SCALE: AS SHOWN	

APPENDIX A

Proposed Description
Spaulding Fibre
310 Wheeler Avenue
City of Tonawanda, New York

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Tonawanda, County of Erie, and State of New York, being part of Lot(s) 87 & 88, of the New York State Mile Reservation, being sub lots 65 thru 108, in Block 6, and sub lots 115 thru 137, in Block 5, of Map Cover 42, also sub lots 211 thru 328, sub lots 337 thru 344 & part of sub lot 329, 336, and 333 thru 336, and Eight thru Eleventh Avenues, of Map Cover 596 and that part of Gibson Avenue discontinued by Common Council Resolution dated 03/05/56, and being more particularly described as follows:

PARCEL A

BEGINNING at a point in the easterly line of Wheeler Street at the northwesterly corner of sub lot 137, in Block 5 of Map Cover 42, distant 132.00 feet southerly from the southerly line of James Street (66' wide); Thence southerly along the easterly line of Wheeler Street a distance of 868.44 feet to the northwesterly line of lands formerly conveyed to the Buffalo and Niagara Falls Railroad (now Conrail) (100' wide) also being a point in the southeasterly line of lands conveyed to Spaulding Fibre Co., as recorded under Liber 4917 of deeds at page 421. and the southerly corner of sub lot 115, in Block 5, of Map Cover 42; Thence northerly along the northwesterly line of said lands conveyed to Conrail a distance of 430.61 feet to a point in the easterly line of sub lot 121, in Block 5, Map Cover 42; Thence northwesterly along the easterly line of sub lots 121 thru 137 in Block 5, Map Cover 42 a distance of 556.54 feet to the northeasterly corner of sub lot 137, in Block 5, Map Cover 42; Thence southwesterly along the northerly line of said sub lot 137 a distance of 297.25 feet to the point of beginning, containing .

PARCEL B

BEGINNING at a point in the westerly line of Wheeler Avenue, distant 38 feet north of its intersection with the southeasterly line of Lot 87 of the Mile Reservation Line, also being the northeast corner of lands conveyed to the City of Tonawanda as recorded under Liber 6182 of deeds at page 240,; Thence northerly along the westerly line of Wheeler Avenue a distance of 1493.38 feet to the northerly line of sub lot 66, in Block 6, Map Cover 42; Thence southwesterly along the northerly line of sub lot(s) 66 and 65, in Block 6, Map Cover 42 a distance of 599.00 feet to a point in the easterly line of Gibson Street (66' wide); Thence southeasterly along the easterly line of Gibson Street a distance of 120.00 feet, to its intersection with the southerly line of Dodge Avenue (formerly Seventh Ave.) (66' wide); Thence southwesterly along the southerly line of Dodge Avenue a distance of 668.19 feet to its intersection with the easterly line of Hinds Street (66' wide); Thence southeasterly along the easterly line of Hinds Street a distance of 1141.20 feet, to the northwesterly corner of lands conveyed to the City of Tonawanda as recorded under Liber 6355 of deeds at page 516; Thence southeasterly along the northeasterly line of said lands conveyed to the City of Tonawanda at an interior angle of 124°03'26" a distance of 200.0 feet; Thence southeasterly along a line at an interior angle of 164°26'45" a distance of 288.05 feet to a point in the southeasterly line of Lot 88 of the Mile Reservation, also being a point in the northerly line of Hackett Drive (65' wide); Thence easterly along the southeasterly line of Lot 88 and Lot 87 of the Mile Reservation and the northerly line of Hackett Drive a distance of 775.80 feet to the southwest corner of said lands conveyed to the City of Tonawanda as recorded in the Erie County Clerk's Office under Liber 6182 of deeds at page 240; Thence northeasterly along the northwesterly line of said lands conveyed to the City of Tonawanda under Liber 6182 of deeds at page 240 a distance of 75.6 feet to the point of beginning.

Proposed Description

Spaulding Fibre

310 Wheeler Avenue

City of Tonawanda, New York

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Tonawanda, County of Erie, and State of New York, being part of Lot 87, of the New York State Mile Reservation, being part Map Cover 42, and being more particularly described as follows:

PARCEL 1 (OU 1, 2 & 3)

COMMENCING at a point in the westerly line of Wheeler Avenue, distant 162.76 feet north of its intersection with the southeasterly line of Lot 87 of the Mile Reservation Line; Thence westerly along a line perpendicular to the aforementioned line a distance of 130.85 feet to the Point of Beginning; Thence southwesterly turning an angle to the right from the aforementioned line of 170°48'04" a distance of 125.3 feet more or less; Thence southwesterly along a line at an interior angle of 207°08'28" a distance of 64.3 feet more or less; Thence westerly along a line at an interior angle of 138°36'49" a distance of 86.1 feet more or less; Thence westerly along a line at an interior angle of 189°49'00" a distance of 127.6 feet more or less; Thence southwesterly along a line at an interior angle of 187°55'44" a distance of 92.4 feet more or less to a point in the easterly line of Gibson Street (undeveloped) as shown on said Map Cover 42, and discontinued by Common Council Resolution on March 5, 1956; Thence northerly along the easterly line of Gibson Street at an interior angle of 76°53'30" a distance of 142.5 feet more or less; Thence northeasterly along a line at an interior angle of 92°45'47" a distance of 189.7 feet more or less; Thence northeasterly along a line at an interior angle of 185°08'18" a distance of 303.8 feet more or less; Thence southwesterly along a line at an interior angle of 75°32'46" a distance of 109.2 feet more or less to the point of beginning, containing 59,722 square feet more or less.

Proposed Description State Superfund Parcel
Spaulding Fibre
310 Wheeler Avenue
City of Tonawanda, New York

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Tonawanda, County of Erie, and State of New York, being part of Lot 88, of the New York State Mile Reservation, being part of Map Cover 596, and being more particularly described as follows:

PARCEL 2 (OU 1, & 4)

COMMENCING at a point in the easterly line of Hinds Street, distant 151.20 feet north of its intersection with the northwest corner of lands conveyed to the City of Tonawanda by deed recorded in the Erie County Clerk's Office under Liber 6355 of deeds at page 516, also being the southerly line of Tenth Avenue (undeveloped), as shown on said Map Cover 596; Thence easterly along the southerly line of Tenth Avenue a distance of 332.16 feet to the Point of Beginning, said point being the intersection of the northerly line of Tenth Avenue with the easterly line of a 50 foot wide easement granted to Niagara Mohawk Power Corporation as recorded in the Erie County Clerk's Office under Liber 6166 of deeds at page 486; Thence northerly along the easterly line of said easement granted to the Niagara Mohawk Power Corporation a distance of 163.7 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 83.3 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 163.7 feet to a point in the northerly line of Tenth Avenue; Thence westerly along a line perpendicular to the aforementioned line being the northerly line of Tenth Avenue a distance of 83.3 feet more or less to the Point of Beginning, containing 13,636 square feet more or less.

Proposed Description State Superfund Parcel
Spaulding Fibre
310 Wheeler Avenue
City of Tonawanda, New York

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Tonawanda, County of Erie, and State of New York, being part of Lot(s) 87 & 88, of the New York State Mile Reservation, being part of Map Cover 596, and being more particularly described as follows:

PARCEL 3 (OU 4)

COMMENCING at a point in the easterly line of Hinds Street, distant 151.20 feet north of its intersection with the northwest corner of lands conveyed to the City of Tonawanda by deed recorded in the Erie County Clerk's Office under Liber 6355 of deeds at page 516 also being the southerly line of Tenth Avenue (undeveloped), as shown on said Map Cover 596; Thence easterly along the southerly line of Tenth Avenue a distance of 578.77 feet to the Point of Beginning, said point being the intersection of the southerly line of Tenth Avenue with the easterly line of an existing blacktop driveway; Thence northerly along the easterly line of said blacktop driveway being a curved line to the left having a radius of 149.7 feet more or less said curve's chord having an angle to the right from the aforementioned line of 64°54'01", a distance along the curve of 120.8 feet more or less to a point of reverse curvature; Thence northerly continuing along the easterly line of said blacktop driveway having a radius of 137.8 feet more or less, said curve's chord having an angle to the right from the previous curve's chord of 166°00'00" a distance along the curve of 72.9 feet more or less; Thence easterly along a line at an interior angle of 50°53'05" with the previous chord a distance of 28.8 feet more or less;; Thence northerly along a line perpendicular to the aforementioned line a distance of 1.8 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 29.9 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 22.0 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 29.0 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 22.0 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 88.6 feet more

or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 4.5 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 13.5 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 107.75 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 22.5 feet more or less; Thence southerly along a line at an interior angle of 91°19’24” a distance of 49.1 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 118.1 feet more or less to the point of beginning, containing 21,953 square feet more or less.

Proposed Description State Superfund Parcel
Spaulding Fibre
310 Wheeler Avenue
City of Tonawanda, New York

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Tonawanda, County of Erie, and State of New York, being part of Lot 88, of the New York State Mile Reservation, being part of Map Cover 596, and being more particularly described as follows:

PARCEL 4 (OU 4)

COMMENCING at a point in the easterly line of Hinds Street, being distant 281.73 feet south of its intersection with the southerly line of Dodge Avenue; Thence easterly along a line perpendicular to the aforementioned line a distance of 320.78 feet to the Point of Beginning; Thence easterly at an angle to the right of 179°04'53" with the aforementioned line a distance of 27.0 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 24.05 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 103.7 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 16.7 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 19.2 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 17.4 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 21.1 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 41.5 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 8.0 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 52.2 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 40.4 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 40.45 feet more of less; Thence easterly along a line perpendicular to the aforementioned line a distance of 64.6 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 305.8 feet more or less;

Thence westerly along a line perpendicular to the aforementioned line a distance of 101.0 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 203.0 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 183.0 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 164.0 feet more or less to the Point of Beginning, containing 64,975 square feet more or less.

Proposed Description State Superfund Parcel
Spaulding Fibre
310 Wheeler Avenue
City of Tonawanda, New York

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Tonawanda, County of Erie, and State of New York, being part of Lot 87, of the New York State Mile Reservation, being part of Map Cover 596, and being more particularly described as follows:

PARCEL 5 (OU 4)

BEGINNING at the intersection of the southerly line of Dodge Avenue with the easterly line of Gibson Street; Thence northerly along the easterly line of Gibson Street a distance of 120.0 feet to the northerly line of lands now or formerly conveyed to Spaulding Fibre Co., as recorded in the Erie County Clerk's Office under Liber 5860 of deeds at page 635; Thence easterly along the northerly line of said lands conveyed to Spaulding Fibre Co., at an interior angle of 90°31'16" a distance of 226.7 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 150.9 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 53.7 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 18.0 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 171.8 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 417.6 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 18.2 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 264.1 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 190.1 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 77.0 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 103.3 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 33.0 feet more or less. Thence easterly along a line perpendicular to the aforementioned line a distance of 85.5 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 74.0 feet more or less;

Thence westerly along a line perpendicular to the aforementioned line a distance of 35.5 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 37.0 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 77.0 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 81.8 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 58.9 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 24.5 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 64.0 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 10.8 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 16.9 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 17.7 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 20.0 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 40.3 feet more or less to a point in the southerly line of Dodge Avenue; Thence easterly along the southerly line of Dodge Avenue a distance of 45.1 feet more or less to the point of beginning, containing 99,632 square feet more or less.

Proposed Description State Superfund Parcel
Spaulding Fibre
310 Wheeler Avenue
City of Tonawanda, New York

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Tonawanda, County of Erie, and State of New York, being part of Lot 87, of the New York State Mile Reservation, being part of Map Cover 596, and being more particularly described as follows:

PARCEL 6 (OU 4)

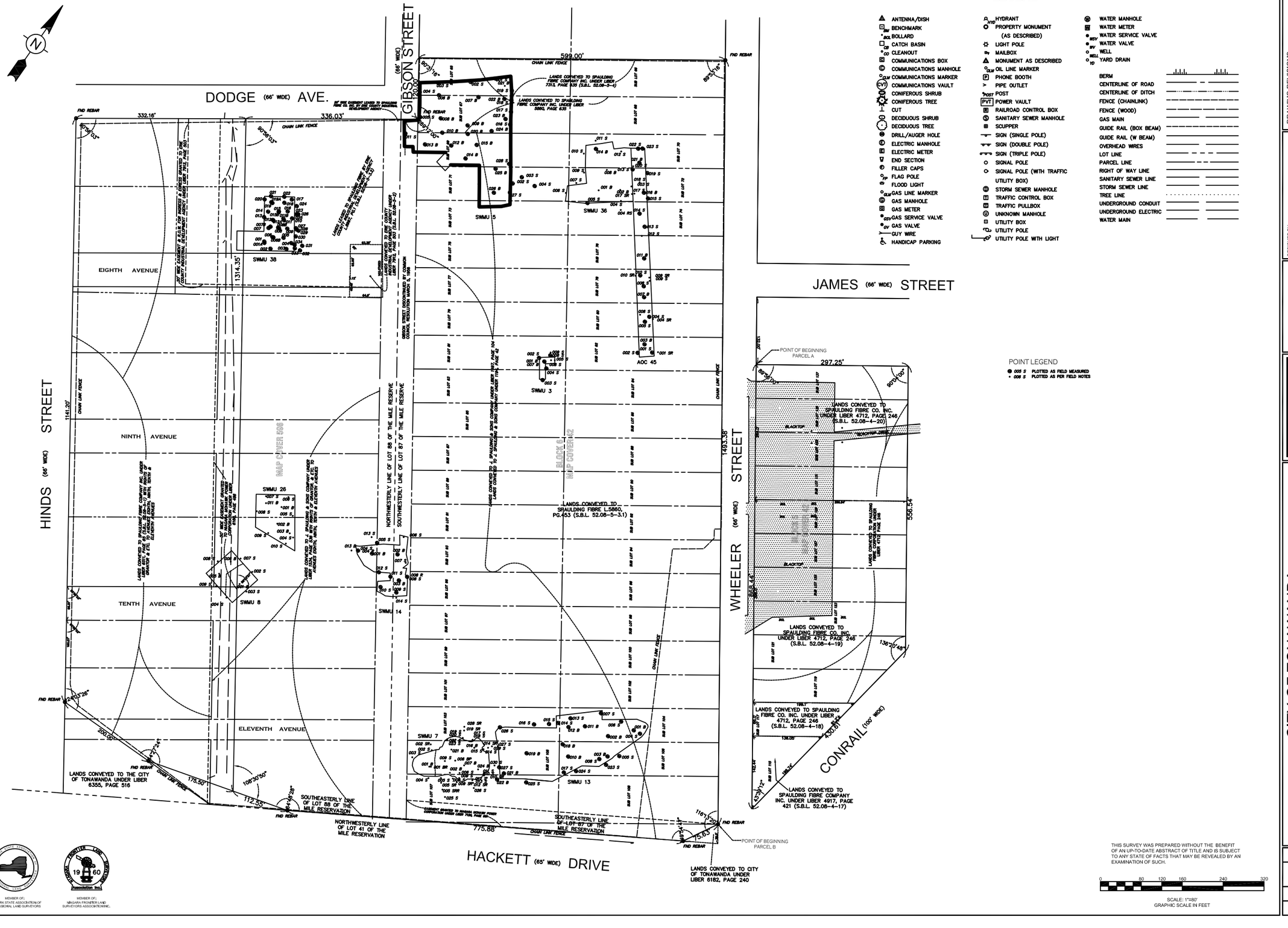
COMMENCING at a point in the westerly line of Wheeler Street distant 551.38 feet southerly from its intersection with the northerly line of lands now or formerly conveyed to Spaulding Fibre Co., as recorded in the Erie County Clerk's Office under Liber 5860 of deeds at page 635; Thence westerly along a line perpendicular to the aforementioned line a distance of 308.16 feet to the Point of Beginning; Thence southerly along a line perpendicular to the aforementioned line a distance of 88.1 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 38.1 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 36.0 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 10.4 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 84.0 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 15.0 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 40.1 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 63.5 feet more or less to the point of beginning, containing 5,249 square feet more or less.

Proposed Description State Superfund Parcel
Spaulding Fibre
310 Wheeler Avenue
City of Tonawanda, New York

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Tonawanda, County of Erie, and State of New York, being part of Lot 87, of the New York State Mile Reservation, being part of Map Cover 596, and being more particularly described as follows:

PARCEL 7 (OU 4)

COMMENCING at the intersection of the southerly line of Dodge Avenue with the easterly line of Gibson Street; Thence westerly along the northerly line of Dodge Avenue also being the northerly line of lands now or formerly conveyed to Spaulding Fibre Co., as recorded in the Erie County Clerk's Office under Liber 5860 of deeds at page 635; a distance of 206.39 feet; Thence southerly from the northerly line of said lands conveyed to Spaulding Fibre Co., at an interior angle of 90° a distance of 40.26 feet to the Point of Beginning; Thence continuing southerly along the aforementioned line a distance of 222.65 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 132.4 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 41.4 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 18.0 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 51.05 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 59.7 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 130.15 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 54.7 feet more or less to the point of beginning, containing 18,442 square feet more or less.



DRAWING REVISIONS

ITEM	DATE	DESCRIPTION
1	01/24/2011	ADDED POINT LEGEND

DESIGNED BY:
DRAWN BY: CJB
CHECKED BY: GCW
DATE: 01/07/2011

WM SCHUTT ASSOCIATES
37 CENTRAL AVE.
LANCASTER, NY 14086-2143
PH. 716-683-5961
FAX 716-683-0169
WWW.WMSCHUTT.COM

CITY OF TONAWANDA
COUNTY OF ERIE, STATE OF NEW YORK
PART OF LOT(S) 87 & 88, TOWNSHIP 12, RANGE 8
NEW YORK STATE MILE RESERVE

310 WHEELER STREET SWMU SITE MAP

THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN UP-TO-DATE ABSTRACT OF TITLE AND IS SUBJECT TO ANY STATE OF FACTS THAT MAY BE REVEALED BY AN EXAMINATION OF SUCH.

0 80 120 160 240 320
SCALE: 1"=80'
GRAPHIC SCALE IN FEET

1

DRAWING SCALE: 1" = 80'

DI05382-06
WSA PROJECT NO., 05382

J:\07\25306A Spaulding\CAD\SURVEY 1-26-11\ACAD-05382-06-SWMU SITE MAP-SPC.dwg, 1/26/2011 4:25:47 PM, AMK

APPENDIX B

APPENDIX C

CHRISTOPHER L. JACOBS, ERIE COUNTY CLERK

RONALD TRABUCCO
ACCOUNT #:
RECEIPT: 13004376
DATE: 1/9/2013 TIME: 12:43:49 PM

DUPLICATE RECEIPT

ITEM - 01 DEED
RECD: 1/9/2013 12:43:49 PM
FILE: 2013006423 BK/PG D 11236/9706
Deed Sequence: TT2012009945
TREASURER OF THE CITY OF TONAWANDA
CTIY OF TONAWANDA (THE)
Recording Fees 95.50
Sub. Total 95.50

ITEM - 02 VRD
RECD: 1/9/2013 12:43:49 PM
FILE: 2013006424 BK/PG V 107/2658
NYSDEC
CITY OF TONAWANDA (THE)
Sub. Total 0.00

TOTAL DUE	$95.50
PAID TOTAL	$95.50
PAID CHECK	95.50
Check #9626:	95.50

REC BY: Danielle
COUNTY RECORDER

ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

THIS INDENTURE made this 14th day of August, 2012, between Owner(s) THE CITY OF TONAWANDA, having an office at 200 Niagara Street, Tonawanda, New York 14150, County of Erie, State of New York (the "Grantor"), and The People of the State of New York (the "Grantee."), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233.

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

WHEREAS, the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

WHEREAS, Grantor, is the owner of real property located at the address of Hinds Street , 310 Wheeler Street and 332 Wheeler Street in the City of Tonawanda, County of Erie and State of New York, known and designated on the tax map of the County Clerk of Erie as tax map parcel numbers: Section: 52.08 Block: 5 Lot 1 [Hinds Street]; Section: 52.08 Block: 5 Lot(s) 2, 3.1, 3.2 [310 Wheeler Street] and Section 52.08 Block: 5 Lot: 4 [332 Wheeler Street], being the same as that property conveyed to Grantor by Treasurer's deed dated October 6, 2009 recorded on October 7, 2009 in the Erie County Clerk's Office in Liber 11170 of deeds at page 8163 and Treasurer's deed dated February 18, 2011 recorded on February 23, 2011 in the Erie County Clerk's Office in Liber 11199 of Deeds at page 681. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 31.294 +/- acres, and is hereinafter more fully described in the Land Title Survey dated December 28, 2010 revised on January 30, 2012 and Survey dated June 23, 2011 revised on March 15, 2012 prepared by Wm. Schutt Associates , which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

WHEREAS, the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation established for the Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36; and

NOW THEREFORE, in consideration of the mutual covenants contained herein and the terms and conditions of State Assistance Contract Number: C 303379, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement")

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

Restricted Residential as described in 6 NYCRR Part 375-1.8(g)(2)(ii), Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv)

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP.

(4) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(5) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(6) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(7) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP.

(8) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP.

(9) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the Environmental Conservation Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

[6/11]

G. Grantor covenants and agrees that it shall annually, or such time as NYSDEC may allow, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5 the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and

(7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any

interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to:

Site Number: E915050/915050
Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

With a copy to:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the

Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

IN WITNESS WHEREOF, Grantor has caused this instrument to be signed in its name.

GRANTOR: THE CITY OF TONAWANDA

By: Ronald J. Pilozzi

Print Name: RONALD J. PILOZZI

Title: MAYOR Date: May 11th, 2012

Grantor's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF Erie)

On the 11th day of May, in the year 2012, before me, the undersigned, personally appeared Ronald J. Pilozzi, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Ronald C. Trabucco
Notary Public - State of New York

RONALD C. TRABUCCO, Esq.
Notary Public State of New York
Qualified in Erie County
My Commission Expires Sept. 30, 2013

THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK, Acting By and Through the Department of Environmental Conservation as Designee of the Commissioner.

By: _____
Robert W. Schick, Director
Division of Environmental Remediation

Grantee's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ALBANY)

On the 14th day of August, in the year 2012, before me, the undersigned, personally appeared Robert W. Schick, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public - State of New York

David J. Chiusano
Notary Public, State of New York
No. 01CH5032146
Qualified in Schenectady County
Commission Expires August 22, 2014

SCHEDULE "A"
PROPERTY DESCRIPTION

ENVIRONMENTAL EASEMENT DESCRIPTION
SITE NOS. E915050/915050

BEGINNING AT A POINT IN THE WESTERLY LINE OF WHEELER STREET, DISTANT 38 FEET NORTH OF ITS INTERSECTION WITH THE SOUTHEASTERLY LINE OF LOT 87 OF THE MILE RESERVATION LINE, ALSO BEING THE NORTHEAST CORNER OF LANDS CONVEYED TO THE CITY OF TONAWANDA AS RECORDED UNDER LIBER 6182 OF DEEDS AT PAGE 240,; THENCE NORTHERLY ALONG THE WESTERLY LINE OF WHEELER STREET A DISTANCE OF 1493.38 FEET TO THE NORTHERLY LINE OF SUB LOT 66, IN BLOCK 6, MAP COVER 42; THENCE SOUTHWESTERLY ALONG THE NORTHERLY LINE OF SUB LOT(S) 66 AND 65, IN BLOCK 6, MAP COVER 42 A DISTANCE OF 599.00 FEET TO A POINT IN THE EASTERLY LINE OF GIBSON STREET (66' WIDE); THENCE SOUTHEASTERLY ALONG THE EASTERLY LINE OF GIBSON STREET A DISTANCE OF 120.00 FEET, TO ITS INTERSECTION WITH THE SOUTHERLY LINE OF DODGE AVENUE (FORMERLY SEVENTH AVE.) (66' WIDE); THENCE SOUTHWESTERLY ALONG THE SOUTHERLY LINE OF DODGE AVENUE A DISTANCE OF 331.40 FEET TO ITS INTERSECTION WITH THE EASTERLY LINE OF A 50' WIDE EASEMENT TO NIAGARA MOHAWK POWER CORPORATION, RECORDED UNDER LIBER 6166 OF DEEDS AT PAGE 480; THENCE SOUTHEASTERLY ALONG THE EAST LINE OF SAID 50' WIDE EASEMENT A DISTANCE OF 1344.24 FEET TO A POINT ON THE THE SOUTHEASTERLY LINE OF LOT 88 OF THE MILE RESERVATION, ALSO BEING A POINT IN THE NORTHERLY LINE OF HACKETT DRIVE (65' WIDE); THENCE EASTERLY ALONG THE SOUTHEASTERLY LINE OF LOT 88 AND LOT 87 OF THE MILE RESERVATION AND THE NORTHERLY LINE OF HACKETT DRIVE A DISTANCE OF 878.14 FEET TO THE SOUTHWEST CORNER OF SAID LANDS CONVEYED TO THE CITY OF TONAWANDA AS RECORDED IN THE ERIE COUNTY CLERK'S OFFICE UNDER LIBER 6182 OF DEEDS AT PAGE 240; THENCE NORTHEASTERLY ALONG THE NORTHWESTERLY LINE OF SAID LANDS CONVEYED TO THE CITY OF TONAWANDA UNDER LIBER 6182 OF DEEDS AT PAGE 240 A DISTANCE OF 75.63 FEET TO THE POINT OF BEGINNING, CONTAINING 31.294 ACRES MORE OR LESS.

RESIDENTIAL PARCEL "A" DESCRIPTION

BEGINNING AT A POINT IN THE EASTERLY LINE OF WHEELER STREET AT THE NORTHWESTERLY CORNER OF SUB LOT 137, IN BLOCK 5 OF MAP COVER 42, DISTANT 132.00 FEET SOUTHERLY FROM THE SOUTHERLY LINE OF JAMES STREET (66' WIDE); THENCE SOUTHERLY ALONG THE EASTERLY LINE OF WHEELER STREET A DISTANCE OF 868.44 FEET TO THE NORTHWESTERLY LINE OF LANDS FORMERLY CONVEYED TO THE BUFFALO AND NIAGARA FALLS RAILROAD (NOW CONRAIL) (100' WIDE) ALSO BEING A POINT IN THE SOUTHEASTERLY LINE OF LANDS CONVEYED TO SPAULDING FIBRE CO., AS RECORDED UNDER LIBER 4917 OF DEEDS AT PAGE 421. AND THE SOUTHERLY CORNER OF SUB LOT 115, IN BLOCK 5, OF MAP COVER 42; THENCE NORTHERLY ALONG THE NORTHWESTERLY LINE OF SAID LANDS CONVEYED TO CONRAIL A DISTANCE OF 430.61 FEET TO A POINT IN THE EASTERLY LINE OF SUB LOT 121, IN BLOCK 5, MAP COVER 42; THENCE NORTHWESTERLY ALONG THE EASTERLY LINE OF SUB LOTS 121 THRU 137 IN BLOCK 5, MAP COVER 42 A DISTANCE OF 556.54 FEET TO THE NORTHEASTERLY CORNER OF SUB LOT 137, IN BLOCK 5, MAP COVER 42; THENCE SOUTHWESTERLY ALONG THE NORTHERLY LINE OF SAID SUB LOT 137 A DISTANCE OF 297.25 FEET TO THE POINT OF BEGINNING, CONTAINING 4.862 ACRES MORE OR LESS.

RESIDENTIAL PARCEL "B" DESCRIPTION

ALL THAT TRACT OR PARCEL OF LAND SITUATE IN THE CITY OF TONAWANDA, COUNTY OF ERIE, AND STATE OF NEW YORK, BEING PART OF LOT 88, OF THE NEW YORK STATE MILE RESERVATION, BEING SUB LOTS 211 THRU 315, SUB LOTS 316 THRU 328, SUB LOTS 344 THRU 338 AND A PORTION OF SUB LOTS 329, 330, 333 THRU 337, OF MAP COVER 596 A PORTION OF EIGHT, NINTH TENTH AND ELEVENTH AVENUE (ALL UNDEVELOPED) AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE INTERSECTION OF THE SOUTHERLY LINE OF DODGE AVENUE (FORMERLY SEVENTH AVENUE) WITH THE EASTERLY LINE OF HINDS STREET; THENCE SOUTHERLY ALONG THE EASTERLY LINE OF HINDS STREET A DISTANCE OF 1141.20 FEET TO A POINT AT THE NORTHWEST CORNER OF LANDS CONVEYED TO THE CITY OF TONAWANDA AS RECORDED UNDER LIBER 6355 OF DEEDS AT PAGE 516; THENCE SOUTHEASTERLY ALONG THE NORTHEASTERLY LINE OF SAID LANDS CONVEYED TO THE CITY OF TONAWANDA AND THRU SUB LOTS 329, 330, 333 THRU 337 AT AN INTERIOR ANGLE OF 124°03'26" A DISTANCE OF 347.70 FEET TO A POINT IN THE SOUTHEASTERLY LINE OF LOT 88, ALSO BEING A POINT IN THE NORTHERLY LINE OF HACKETT DRIVE; THENCE EASTERLY ALONG THE SOUTHEASTERLY LINE OF LOT 88 AND THE NORTHERLY LINE OF HACKETT DRIVE A DISTANCE OF 48.77 FEET TO A POINT IN THE EASTERLY LINE OF A 50 FOOT WIDE EASEMENT GRANTED TO NIAGARA MOHAWK POWER CORPORATION AS RECORDED UNDER LIBER 6166 OF DEEDS AT PAGE 480; THENCE NORTHERLY ALONG THE EASTERLY LINE OF SAID EASEMENT GRANTED TO NIAGARA MOHAWK POWER CORPORATION A DISTANCE OF 1344.24 FEET TO A POINT IN THE SOUTHERLY LINE OF DODGE AVENUE; THENCE WESTERLY ALONG THE SOUTHERLY LINE OF DODGE AVENUE A DISTANCE OF 336.79 FEET TO THE POINT OF BEGINNING, CONTAINING 9.706 ACRES MORE OR LESS.

PARCEL 1 (OU 1, 2 & 3) STATESUPERFUND SITE NO. 915050

COMMENCING at a point in the westerly line of Wheeler Avenue, distant 162.76 feet north of its intersection with the southeasterly line of Lot 87 of the Mile Reservation Line; Thence westerly along a line perpendicular to the aforementioned line a distance of 130.85 feet to the Point of Beginning; Thence southwesterly turning an angle to the right from the aforementioned line of 170°48'04" a distance of 125.3 feet more or less; Thence southwesterly along a line at an interior angle of 207°08'28" a distance of 64.3 feet more or less; Thence westerly along a line at an interior angle of 138°36'49" a distance of 86.1 feet more or less; Thence westerly along a line at an interior angle of 189°49'00" a distance of 127.6 feet more or less; Thence southwesterly along a line at an interior angle of 187°55'44" a distance of 92.4 feet more or less to a point in the easterly line of Gibson Street (undeveloped) as shown on said Map Cover 42, and discontinued by Common Council Resolution on March 5, 1956; Thence northerly along the easterly line of Gibson Street at an interior angle of 76°53'30" a distance of 142.5 feet more or less; Thence northeasterly along a line at an interior angle of 92°45'47" a distance of 189.7 feet more or less; Thence northeasterly along a line at an interior angle of 185°08'18" a distance of 303.8 feet more or less; Thence southwesterly along a line at an interior angle of 75°32'46" a distance of 109.2 feet more or less to the point of beginning, containing 59,722 square feet more or less.

PARCEL 2 (OU 1, & 4) STATESUPERFUND SITE NO. 915050

COMMENCING at a point in the easterly line of Hinds Street, distant 151.20 feet north of its intersection with the northwest corner of lands conveyed to the City of Tonawanda by deed recorded in the Erie County Clerk's Office under Liber 6355 of deeds at page 516, also being the southerly line of Tenth Avenue (undeveloped), as shown on said Map Cover 596; Thence easterly along the southerly line of Tenth Avenue a distance of 332.16 feet to the Point of Beginning, said point being the intersection of the northerly line of Tenth Avenue with the easterly line of a 50 foot wide easement granted to Niagara Mohawk Power Corporation as recorded in the Erie County Clerk's Office under Liber 6166 of deeds at page 486; Thence northerly along the easterly line of said easement granted to the Niagara Mohawk Power Corporation a

distance of 163.7 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 83.3 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 163.7 feet to a point in the northerly line of Tenth Avenue; Thence westerly along a line perpendicular to the aforementioned line being the northerly line of Tenth Avenue a distance of 83.3 feet more or less to the Point of Beginning, containing 13,636 square feet more or less.

PARCEL 3 (OU 4) STATESUPERFUND SITE NO. 915050

COMMENCING at a point in the easterly line of Hinds Street, distant 151.20 feet north of its intersection with the northwest corner of lands conveyed to the City of Tonawanda by deed recorded in the Erie County Clerk's Office under Liber 6355 of deeds at page 516 also being the southerly line of Tenth Avenue (undeveloped), as shown on said Map Cover 596; Thence easterly along the southerly line of Tenth Avenue a distance of 578.77 feet to the Point of Beginning, said point being the intersection of the southerly line of Tenth Avenue with the easterly line of an existing blacktop driveway; Thence northerly along the easterly line of said blacktop driveway being a curved line to the left having a radius of 149.7 feet more or less said curve's chord having an angle to the right from the aforementioned line of 64°54'01", a distance along the curve of 120.8 feet more or less to a point of reverse curvature; Thence northerly continuing along the easterly line of said blacktop driveway having a radius of 137.8 feet more or less, said curve's chord having an angle to the right from the previous curve's chord of 166°00'00" a distance along the curve of 72.9 feet more or less; Thence easterly along a line at an interior angle of 50°53'05" with the previous chord a distance of 28.8 feet more or less;; Thence northerly along a line perpendicular to the aforementioned line a distance of 1.8 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 29.9 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 22.0 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 29.0 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 22.0 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 88.6 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of

4.5 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 13.5 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 107.75 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 22.5 feet more or less; Thence southerly along a line at an interior angle of 91°19'24" a distance of 49.1 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 118.1 feet more or less to the point of beginning, containing 21,953 square feet more or less.

PARCEL 4 (OU 4) STATESUPERFUND SITE NO. 915050

COMMENCING at a point in the easterly line of Hinds Street, being distant 281.73 feet south of its intersection with the southerly line of Dodge Avenue; Thence easterly along a line perpendicular to the aforementioned line a distance of 320.78 feet to the Point of Beginning; Thence easterly at an angle to the right of 179°04'53" with the aforementioned line a distance of 27.0 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 24.05 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 103.7 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 16.7 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 19.2 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 17.4 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 21.1 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 41.5 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 8.0 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 52.2 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 40.4 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 40.45 feet more of less; Thence easterly along a line perpendicular to the aforementioned line a distance of 64.6 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 305.8 feet more or less;

Thence westerly along a line perpendicular to the aforementioned line a distance of 101.0 feet more or less;

Thence northerly along a line perpendicular to the aforementioned line a distance of 203.0 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 183.0 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 164.0 feet more or less to the Point of Beginning, containing 64,975 square feet more or less.

PARCEL 5 (OU 4) STATESUPERFUND SITE NO. 915050

BEGINNING at the intersection of the southerly line of Dodge Avenue with the easterly line of Gibson Street; Thence northerly along the easterly line of Gibson Street a distance of 120.0 feet to the northerly line of lands now or formerly conveyed to Spaulding Fibre Co., as recorded in the Erie County Clerk's Office under Liber 5860 of deeds at page 635; Thence easterly along the northerly line of said lands conveyed to Spaulding Fibre Co., at an interior angle of 90°31'16" a distance of 226.7 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 150.9 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 53.7 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 18.0 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 171.8 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 417.6 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 18.2 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 264.1 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 190.1 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 77.0 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 103.3 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 33.0 feet more or less. Thence easterly along a line perpendicular to the aforementioned line a distance of 85.5 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 74.0 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 35.5 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 37.0 feet more or less; Thence westerly

along a line perpendicular to the aforementioned line a distance of 77.0 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 81.8 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 58.9 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 24.5 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 64.0 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 10.8 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 16.9 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 17.7 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 20.0 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 40.3 feet more or less to a point in the southerly line of Dodge Avenue; Thence easterly along the southerly line of Dodge Avenue a distance of 45.1 feet more or less to the point of beginning, containing 99,632 square feet more or less.

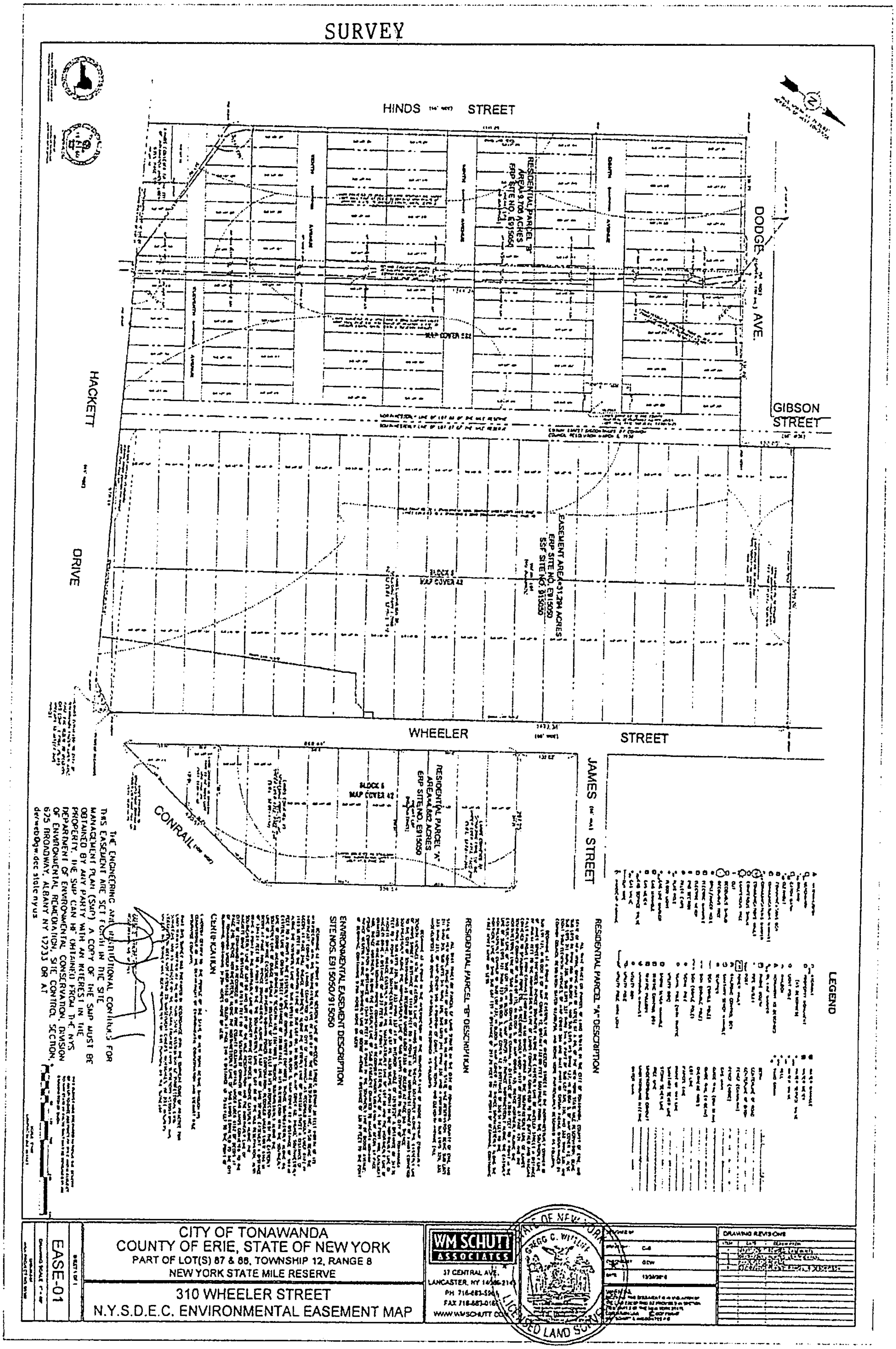
PARCEL 6 (OU 4) STATESUPERFUND SITE NO. 915050

COMMENCING at a point in the westerly line of Wheeler Street distant 551.38 feet southerly from its intersection with the northerly line of lands now or formerly conveyed to Spaulding Fibre Co., as recorded in the Erie County Clerk's Office under Liber 5860 of deeds at page 635; Thence westerly along a line perpendicular to the aforementioned line a distance of 308.16 feet to the Point of Beginning; Thence southerly along a line perpendicular to the aforementioned line a distance of 88.1 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 38.1 feet more or less; Thence southerly along a line perpendicular to the aforementioned line a distance of 36.0 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 10.4 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 84.0 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 15.0 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 40.1 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 63.5 feet more or less to the point

of beginning, containing 5,249 square feet more or less.

PARCEL 7 (OU 4) STATESUPERFUND SITE NO. 915050

COMMENCING at the intersection of the southerly line of Dodge Avenue with the easterly line of Gibson Street; Thence westerly along the northerly line of Dodge Avenue also being the northerly line of lands now or formerly conveyed to Spaulding Fibre Co., as recorded in the Erie County Clerk's Office under Liber 5860 of deeds at page 635; a distance of 206.39 feet; Thence southerly from the northerly line of said lands conveyed to Spaulding Fibre Co., at an interior angle of 90° a distance of 40.26 feet to the Point of Beginning; Thence continuing southerly along the aforementioned line a distance of 222.65 feet more or less; Thence westerly along a line perpendicular to the aforementioned line a distance of 132.4 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 41.4 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 18.0 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 51.05 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 59.7 feet more or less; Thence northerly along a line perpendicular to the aforementioned line a distance of 130.15 feet more or less; Thence easterly along a line perpendicular to the aforementioned line a distance of 54.7 feet more or less to the point of beginning, containing 18,442 square feet more or less.


SURVEY
HINDS STREET
DODGE AVE.
GIBSON STREET
HACKETT DRIVE
WHEELER STREET
JAMES STREET
CONRAIL
EASEMENT AREA=31.294 ACRES
ERP SITE NO. E915050
SSF SITE NO. 915050
LEGEND
RESIDENTIAL PARCEL "A" DESCRIPTION
RESIDENTIAL PARCEL "B" DESCRIPTION
ENVIRONMENTAL EASEMENT DESCRIPTION
SITE NOS. E915050/915050
CERTIFICATION
THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS EASEMENT ARE SET FORTH IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN BE OBTAINED FROM THE NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY NY 12233 OR AT derweb@gw.dec.state.ny.us
CITY OF TONAWANDA
COUNTY OF ERIE, STATE OF NEW YORK
PART OF LOT(S) 87 & 88, TOWNSHIP 12, RANGE 8
NEW YORK STATE MILE RESERVE
310 WHEELER STREET
N.Y.S.D.E.C. ENVIRONMENTAL EASEMENT MAP
EASE-01
WM SCHUTT ASSOCIATES
37 CENTRAL AVE.
LANCASTER, NY
DRAWING REVISIONS
LICENSED LAND SURVEYOR