ADDENDUM 1

CITY OF SYRACUSE INDUSTRIAL DEVELOPMENT AGENCY (SIDA)

REQUEST FOR PROPOSALS (RFP)

FOR QUALIFIED ENVIRONMENTAL PROFESSIONAL TO PERFORM

EPA MULTIPURPOSE GRANT IMPLEMENTATION

RFP #25-001

Issued: January 16, 2026

This Addendum contains the following updates related to SIDA RFP #25-001:

1. **Revised sections of the RFP document to reflect clarity in response to questions received.**
2. **Phase 1 Environmental Site Assessment Report for 102 Greenway Avenue.**

SIDA RFP #25-001
Addendum 1

1. The following sections of the above-mentioned RFP have been revised to reflect clarity:

Section 3.A Subject Target Site Background

A description of the Subject Target Site parcels, including summary information on past remedial investigations, is included below. Further documentation is available for download on the NYSDEC DECinfo Locator ~~(https://dec.ny.gov/maps/interactive-maps/decinfo-locator)~~ (https://gisservices.dec.ny.gov/gis/dil/) .

- **102 Greenway Avenue (Parcel ID: 032.1-01-25.0)**
  This is a 0.93± acre parcel of vacant land owned by GSI of Virginia Inc, with the City currently pursuing tax foreclosure on the property. Under a separate EPA Cooperative Agreement with the Greater Syracuse Land Bank, ~~both a Phase I (2020) and Phase II (2022) Environmental Site Assessment (ESA) were completed~~ only a Phase I (2020) Environmental Site Assessment was completed. Several recognized environmental conditions (RECs) were identified in those reports, with primary contaminants of concern being polycyclic aromatic hydrocarbons (PAH), volatile organic compounds (VOC), and petroleum.

Section 3.C Grant-Related Activities

Workplan Task Category 3: Site Assessment. This task category involves significant support from the hired Consultant, who will undergo document review; identify data gaps; conduct Phase I and Phase II investigations on the Subject Target Site; draft generic and site-specific QAPPs; generate marketing analyses, plans, and documents; prepare for cleanup activities by drafting a cleanup alternatives plan, a remedial action report ("RAP"), ~~and an~~ and/or an ABCA.

Workplan Task Category 4: Site Cleanup. This task category includes the cleanup activities to be conducted by the Consultant including cleanup planning, reporting, and documentation; ~~ensuring the Subject Project Site is enrolled in~~ supporting the preparation of an application for the Subject Target Site to the New York State Department of Environmental Conservation ("NYSDEC") Brownfield Cleanup Program ("BCP"); preparing remedial design and engineering documents; oversight of cleanup activities; and post-cleanup sampling and documentation.

Section 4 Consultant Scope of Work

Task 7: Cleanup Planning and Execution

- Develop draft clean up alternative and remedial action plans
- Develop an ABCA that incorporates GSR principles/techniques
- Assist with creating stakeholder and public meeting materials for cleanup plan
- Analyze internal capacity to perform certain cleanup duties (if any)
- ~~Ensure Subject Target Site is enrolled in NYSDEC BCP~~ Support the preparation of an application for the Subject Target Site to the NYSDEC BCP

- Ensure cleanup plan complies with all State and federal requirements, including Section 106 historic preservation requirements
- Draft final ABCA that meets EPA and NYSDEC requirements for approval
- Prepare decision document on selected cleanup alternative
- Prepare Remedial design and engineering documents
- Prepare Site-Specific Quality Assurance Project Plan ("SSQAPP") and Health and Safety Plan
- Ensure compliance with Davis-Bacon requirements
- Collect post-cleanup samples and ensure cleanup meets BCP cleanup levels
- Prepare cleanup documentation including final cleanup reports and close-out documents

2. Phase I Environmental Site Assessment Report for 102 Greenway Avenue

102 Greenway Avenue
Syracuse, New York
Phase I Environmental Site Assessment

December 29, 2020 (revised)

Prepared for:

Greater Syracuse Land Bank
431 East Fayette Street
Syracuse, NY 13202

Prepared by:

Stantec Consulting Services Inc.
61 Commercial Street, Suite 100
Rochester, NY 14614

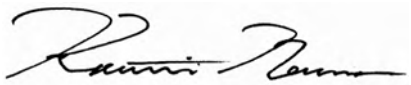
Project No.: 190502013

Sign-off Sheet and Signatures of Environmental Professionals

This document entitled *102 Greenway Avenue, Syracuse, New York. Phase I Environmental Site Assessment* was prepared by Stantec Consulting Services Inc. ("Stantec") for the account of the Greater Syracuse Land Bank (GSLB or the "Client"). Any reliance on this document by any third party is strictly prohibited. The material in it reflects Stantec's professional judgment in light of the scope, schedule and other limitations stated in the document and in the contract between Stantec and the Client. The opinions in the document are based on conditions and information existing at the time the document was published and do not take into account any subsequent changes. In preparing the document, Stantec did not verify information supplied to it by others. Any use which a third party makes of this document is the responsibility of such third party. Such third party agrees that Stantec shall not be responsible for costs or damages of any kind, if any, suffered by it or any other third party as a result of decisions made or actions taken based on this document.

All information, conclusions, and recommendations provided by Stantec in this document regarding the Phase I ESA have been prepared under the supervision of and reviewed by the professionals whose signatures appear below.

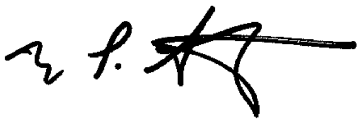
I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in § 312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Property. I have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Author: 

Katie Nelson
Sr. Environmental Scientist

Quality Reviewer: 

David Holmes
Senior Associate

Independent Reviewer: 

Mike Storonsky
Managing Principal

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1.0 SUMMARY

Stantec Consulting Services Inc. (Stantec) has completed a Phase I Environmental Site Assessment (ESA) report for the parcel located at 102 Greenway Avenue, Syracuse, New York, Tax ID No. 032.1-01-25.0 ("The Property" or "Site"), on behalf of the Greater Syracuse Land Bank (GSLB or the "Client"). The legal name of the GSLB is the Greater Syracuse Property Development Corporation. The work was funded through a United States Environmental Protection Agency (U.S. EPA) Brownfields Assessment Grant awarded to GSLB in 2019 (Cooperative Agreement Nos. BF-96255919-0 and BF-96255719-0). GSLB (the "User") has been designated as the User of this report. This Phase I ESA was prepared to support the acquisition and redevelopment of the Property.

The Phase I ESA was conducted in conformance with the requirements of American Society for Testing and Materials (ASTM) Designation E 1527-13, and All Appropriate Inquiry (AAI) as defined by the U.S. EPA in Title 40 of the Code of Federal Regulations, Part 312, except as may have been modified by the scope of work, and terms and conditions, requested by the Client. Any exceptions to, or deletions from, the ASTM or AAI practice are described in **Section 2.3.**

The Property consists of one parcel totaling 0.93± acres of land in Syracuse, New York located off an unpaved paper street[1] known as Greenway Avenue and north of Lynch Avenue. The Property is accessible through the City of Syracuse composting site located at 100 City Crossroads Drive. At the time of the site visit the City of Syracuse was using the Property for temporary storage of construction & demolition (C&D) material and waste tires. The Property is mostly unpaved vacant land other than concrete block bunkers used for C&D and waste tire storage and a concrete pad/paved area which is suspected to be related to a former building. The Property is located in a predominantly commercial/industrial neighborhood. A Property location map is illustrated on **Figure 1**. A map illustrating the Property and surrounding area is provided on **Figure 2**. Photographs taken during the site reconnaissance visit are provided in **Appendix A.**

Based on the historical records review, the Property was developed in approximately 1951 and 1953 with a first aid building, two 42,000 gallon oil tanks and a portion of two 12,000 gallon oil tanks related to Globe Forge Inc. operations on the adjacent parcel north and east of the Property. There are no indications of tanks on the Property after 1953. The building remained on the Property until at least 1995. According to the City Directory search, the site was occupied by Moshannon Mining Co. in 1983 and Economy Collision in 1995. Auto repair shops typically use and store hazardous materials and petroleum products. The Property has reportedly been used by the City of Syracuse for temporary C&D and waste tire storage since the 2000s.

The Property is located adjacent to two New York State Department of Environmental Conservation (NYSDEC) remediation sites; the former Winkelman Property is located west of the Property and the City Compost Facility (known as the Former Syracuse Rigging Co.) is located north and east.

[1] *A paper street is a street or road that appears on some maps but that has not been built out.*

Summary

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527 of the parcel located at 102 Greenway Avenue, Syracuse, New York, Tax ID No. 032.1-01-25.0, the Property. Any exceptions to, or deletions from, this practice are described in the Data Gaps section of this report. This assessment has revealed the following evidence of RECs in connection with the Property:

- Two 42,000-gallon oil tanks and portions of two 12,000-gallon oil tanks were depicted on the Property in 1951 and 1953. Historical bulk storage of oil on the Property is a REC.
- The Property was listed as a collision shop in 1995. Auto repair shops typically use and store hazardous materials and petroleum products. The historical listing of a collision shop on the Property is a REC.
- Based on the historical aerial photographs, there was a structure on the Property from at least 1951 through 1995 that has since been demolished. There is the potential that lead based paint (LBP) on the former structure may have resulted in LBP residues in surface soil at the Property. In addition, there is the potential for debris from demolition of the former structures to be buried on-site, and to contain wastes such as LBP and asbestos containing building materials (ACBMs), or other materials that would have to be managed as solid waste if excavated during future construction activities.
- Soil/debris piles were observed on the western portion of the Property. The piles observed were mostly soil with lesser amounts of debris including asphalt, tires, and general waste (plastic bags, bottles, etc.). The source of the debris piles is not known. Given the historical industrial uses of the Property and adjacent properties and the unknown sources of these piles there is potential that they contain contaminated materials and are a REC for the Property.
- A railroad track has abutted the southern Property line since at least the early 1900s until approximately the 1970s. Historical railroad lines have been found to be impacted by herbicides, metals, constituents of oil or fuel, creosote, coal ash and diesel exhaust. The proximity of the Property to the former railroad line is a REC.
- At the time of the site visit, the Property was used by the City of Syracuse for temporary storage of C&D materials and waste tire storage. Two concrete block bunkers for waste storage were observed. According to records obtained from the NYSDEC there have been several violations associated with C&D being stored outside of the designated area and in one instance solid waste was cited as not being prevented from entering surface water and/or groundwater. Historical violations associated with management of waste outside the C&D bunker area and potential impacts to surface water and/or groundwater are a REC.
- At the time of the site visits both the 100 City Crossroads property and the subject Property were observed to be very muddy and surface soil was being tracked by trucks and heavy equipment across the two properties. Metals were reported in surface soil samples collected on the City Crossroads property above commercial soil cleanup objectives. Furthermore, there is potential that emissions from the historical adjacent foundry have resulted in polycyclic aromatic



hydrocarbon (PAH) and metal impacts on the Property. The reported metal impacts in surface soils on the City Crossroads property and potential surface soil impacts from historical foundry emissions is a REC.

- Investigations were conducted on two NYSDEC remediation sites located immediately adjacent to the Property. As part of those investigations, volatile organic compound (VOC), PAH and petroleum impacts have been documented on the Property. Furthermore, petroleum impacted soil, PAH and metal impacted soil and diesel light non-aqueous phase liquid (LNAPL) has been identified immediately adjacent to and/or upgradient/cross-gradient of the subject Property. Based on the available records no remediation has occurred to date to address these impacts. The documented presence of impacts on the Property is a REC. Given the proximity of other reported impacts, these adjacent properties are also a REC.

One business environmental risk (BER) was identified for the Property:

- Peat deposits were identified on the Property and adjacent properties. Peat deposits often generate methane which can become problematic during site redevelopment or subsurface work. For this reason, the presence of peat is considered a BER.

It is recommended that a Phase II ESA also be conducted to further evaluate whether the identified RECs have impacted soil, groundwater, and potentially soil vapor at the Property.

The preceding summary is intended for informational purposes only. Reading of the full body of this report is recommended.

2.0 INTRODUCTION

The objective of this Phase I ESA was to perform All Appropriate Inquiry (AAI) into the past ownership and uses of the Property consistent with good commercial or customary practice as outlined by the ASTM in "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process", Designation E1527-13. "All Appropriate Inquiry" (AAI) is the process for evaluating a property's environmental conditions for the purpose of qualifying for landowner liability protections under CERCLA. following final rule of Part 312 of Title 40, Code of Federal Regulations (40 CFR Part 312). The purpose of this Phase I ESA was to identify, to the extent feasible, adverse environmental conditions including recognized environmental conditions ("RECs") of the Property.

The ASTM E1527-13 standard indicates that the purpose of the Phase I ESA is to identify RECs, including historical recognized environmental conditions ("HRECs"), and controlled recognized environmental conditions ("CRECs") that may exist at a property. The term "recognized environmental conditions" means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property:

1. Due to any release to the environment;
2. Under conditions indicative of a release to the environment; or
3. Under conditions that pose a material threat of a future release to the environment.

ASTM defines a "HREC" as a REC that has occurred in connection with a property, but has been addressed to the satisfaction of the applicable regulatory authority and meets current unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (e.g., property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a HREC, the environmental professional (EP) must determine whether the past release is a REC when the current Phase I ESA is conducted (e.g., if there has been a change in the regulations). If the EP considers the past release to be a REC at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a REC.

ASTM defines a "CREC" as a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (e.g., as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), but with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (e.g., property use restrictions, activity and use limitations, institutional controls, or engineering controls).

As defined by ASTM, RECs can include hazardous substances or petroleum products present under conditions in compliance with laws if that presence represents a material threat of future release. The presence of hazardous substances or petroleum products is, however, not a REC if that presence is a *de minimis* condition. *De minimis* conditions are minor occurrences of contamination that generally do not present a material risk to human health and would not likely be subject to enforcement action if brought to

the attention of governmental agencies. ASTM also considers the potential for a business environmental risk (BER), defined as a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of the Property, not necessarily limited to those environmental issues required to be investigated by the ASTM standard. Consideration of BERs may involve addressing one or more ASTM non-scope considerations.

This Phase I ESA was conducted in accordance with our proposal to GSLB dated October 1, 2019 and Client's authorization on November 21, 2019. The scope of work conducted during this Phase I ESA consisted of a visual reconnaissance of the Property, interviews with key individuals, and review of reasonably ascertainable documents. The scope of work did not include an assessment for environmental regulatory compliance of any facility ever operated at the Property (past or present), or sampling and analyzing of environmental media. Stantec was not contracted to perform an independent evaluation of the purchase or lease price of the Property and its relationship to current fair market value. The conclusions presented in this Phase I ESA report are professional opinions based on data described herein. The opinions are subject to the limitations described in **Section 2.3**.

ASTM E1527-13 notes that the availability of record information varies from source to source. The User or Environmental Professional is not obligated to identify, obtain, or review every possible source that might exist with respect to a property. Instead, ASTM identifies record information that is reasonably ascertainable from standard sources. "Reasonably ascertainable" means:

1. Information that is publicly available;
2. Information that is obtainable from its source within reasonable time and cost constraints; and
3. Information that is practicably reviewable.

2.1 PROPERTY DESCRIPTION

The Property consists of one parcel totaling 0.93± acres of land in Syracuse, New York located off an unpaved paper street known as Greenway Avenue and north of Lynch Avenue. The Property is accessible through the City of Syracuse composting site located at 100 City Crossroads Drive. At the time of the site visit the City of Syracuse was using the Property for temporary storage of C&D material and waste tires. The Property is mostly unpaved vacant land other than concrete block bunkers used for C&D and waste tire storage and a concrete pad/paved area which is suspected to be related to a former building. The Property is located in a predominantly commercial/industrial neighborhood. A Property location map is illustrated on **Figure 1**. A map illustrating the Property and surrounding area is provided on **Figure 2**. Photographs taken during the site reconnaissance visit are provided in **Appendix A**.

2.2 SPECIAL TERMS, CONDITIONS, AND ADDITIONAL ASSUMPTIONS

There were no special terms, conditions, or significant assumptions associated with this Phase I ESA.

2.3 EXCEPTIONS AND LIMITING CONDITIONS

This report documents work that was performed in accordance with generally accepted professional standards at the time and location in which the services were provided and given the schedule and budget constraints established by the Client. No other representations, warranties, or guarantees are made concerning the accuracy or completeness of the data or conclusions contained within this report, including no assurance that this work has uncovered all potential and actual liabilities and conditions associated with the Property.

This report provides an evaluation of selected environmental conditions associated with the Property that was assessed at the time the work was conducted and is based on information obtained by and/or provided to Stantec at that time. There are no assurances regarding the accuracy and completeness of this information. All information received from the Client or third parties in the preparation of this report has been assumed by Stantec to be correct. Stantec assumes no responsibility for any deficiency or inaccuracy in information received from others.

Conclusions made within this report consist of Stantec's professional opinion as of the time of the writing of this report and are based solely on the scope of work described in the report, the limited data available, and the results of the work. They are not a certification of the Property's environmental condition.

The Client did not provide or contract Stantec to provide recorded title records or search results for environmental liens or activity and use limitations encumbering the Property or in connection with the property. Stantec did not obtain historical records that document the Property history in continuous 5-year intervals, and this resulted in data gaps. Although these items represent data gaps, these data gaps are not considered to impact the EPs ability to identify RECs unless stated as such. Based on the information obtained during the course of this ESA and general knowledge of development at and near the Property, the absence of this information did not affect the ability of the EPs to identify RECs, HRECs, CRECs, or *de minimis* conditions.

This report relates solely to the specific project for which Stantec was retained and the stated purpose for which this report was prepared and shall not be used or relied upon by Client for any variation or extension of this project, any other project, or any other purpose.

This report has been prepared for the exclusive use of the Client identified herein and any use of or reliance on this report by any third party is prohibited, except as may be consented to in writing by Stantec or as required by law. The provision of any such consent is at Stantec's sole and unfettered discretion and will only be authorized pursuant to the conditions of Stantec's standard form reliance letter. Stantec assumes no responsibility for losses, damages, liabilities, or claims, howsoever arising, from third party use of this report.

Project specific limiting conditions are provided in **Section 7.2**.

The locations of any utilities, buildings and structures, and property boundaries illustrated in or described within this report, if any, including pole lines, conduits, water mains, sewers and other surface or sub-

surface utilities and structures, are not guaranteed. Before starting site work, the exact location of all such utilities and structures must be confirmed by the Client and the party performing the work, and Stantec assumes no liability resulting from damage to such utilities and structures.

The conclusions are based on the conditions encountered at the Property by Stantec at the time the work was conducted.

As the purpose of this report is to identify Property conditions which may pose an environmental risk; the identification of non-environmental risks to structures or people on the Property is beyond the scope of this assessment.

The findings, observations, and conclusions expressed by Stantec in this report are not an opinion concerning the compliance of any past or present owner or operator of the Property which is the subject of this report with any Federal, state, provincial or local law or regulation.

This report presents professional opinions and findings of a scientific and technical nature. It does not and shall not be construed to offer a legal opinion or representations as to the requirements of, nor compliance with, environmental laws, rules, regulations or policies of Federal, state, provincial or local governmental agencies. It is recommended that issues raised by the report should be reviewed for the Client by its legal counsel.

Stantec specifically disclaims any responsibility to update the conclusions in this report if new or different information later becomes available or if the conditions or activities on the Property subsequently change.

2.4 PERSONNEL QUALIFICATIONS

This Phase I ESA was conducted by, or under the supervision of, an individual that meets the ASTM definition of an Environmental Professional (EP). The credentials of the EP and other key Stantec personnel involved in conducting this Phase I ESA are provided in **Appendix B**.

3.0 USER-PROVIDED INFORMATION

ASTM E1527-13 describes responsibilities of the User to complete certain tasks in connection with the performance of "All Appropriate Inquiries" into the Property. The ASTM standard requires that the EP request information from the User on the results of those tasks because that information can assist in the identification of RECs, CRECs, HRECs, or *de minimis* conditions in connection with the Property. Towards that end, Stantec requested that the User provide the following documents and information:

Description of Information	Provided (Yes / No)	Description and/or Key Findings
User Questionnaire and/or Interview	Yes	The User indicated no knowledge of environmental cleanup liens, activity or land use limitations, past use of chemicals, hazardous substances, or petroleum products on-site, spills, environmental cleanups, or other specialized knowledge or experience.
Environmental Liens or Activity Use Limitations	No	
Previous Environmental Permits or Reports Provided by User	Yes	The User reportedly does not possess any of these documents for the Property; however, a prior Phase I ESA for the adjacent site, 101-113 Greenway Avenue, was provided (see **Section 4.3.6**).
Purpose of the Phase I ESA	Yes	To advance the efforts to redevelop the Property by an interested party.

Stantec forwarded the ASTM recommended User Questionnaire to Katelyn Wright, Executive Director of GSLB. The completed User Questionnaire returned to us by Ms. Wright and the prior Phase I ESA completed on the adjacent property are included in **Appendix C.**

4.0 RECORDS REVIEW

The objective of consulting historical sources of information is to develop the history of the Property and surrounding area and evaluate if past uses may have resulted in RECs. Physical setting records are evaluated to determine if the physical setting may have contributed to adverse environmental conditions in connection with the Property. During the review of historical records, Stantec attempted to identify uses of the Property from the present back to the first developed use of the Property. Stantec's research included the reasonably ascertainable and useful records described in this section.

4.1 PHYSICAL SETTING

A summary of the physical setting of the Property is provided in the table below with additional details in the following subsections

Topography:	The ground surface elevation at the Property is approximately 420 ft. above mean sea level (ft. amsl).
Soil/Bedrock Data:	Surface/shallow soil: Fill material Native overburden soils: Peat/Glaciolacustrine deposits Bedrock: Decew dolostone; Rochester shale
Estimated Depth to Groundwater/ **Estimated Direction of Gradient:**	Information on site-specific groundwater depths, gradients, and flow directions were not available for the Property (see the note below). Groundwater within the vicinity of the Property is expected to flow either south or southeast.
NOTE: Site-specific groundwater depths, gradients, and flow directions can only be determined by conducting site-specific testing, which Stantec has not conducted.	

4.1.1 Property Topography and Surface Water Flow

The Property is generally level and at grade with the adjacent properties. According to the United States Geological Survey (USGS) Syracuse East 7.5 Topographic Quadrangle Map (2013), the elevation of the ground surface at the Property is approximately 420 ft. amsl. Based on local topography, surface water on the Property is expected to infiltrate the ground surface.

4.1.2 Regional and Property Geology

Native unconsolidated soils in the vicinity of the Site generally consist of lacustrine deposits (Rickard and Fisher, 1970). According to reports for prior investigations conducted on adjacent properties, three basic overburden units were identified (see **Section 4.1.5.1**). The uppermost unit is fill extending 3-5 ft below ground surface (bgs) and consisting of sand/silt mixed with concrete, brick, ash, cinders, wood, stone and

other debris. Below the fill, peat extending to approximately 11-14 ft bgs was encountered. Gray clay was encountered below the peat extending to at least 19 ft bgs. The underlying bedrock is expected to be Decew dolostone/Rochester shale (Fisher, Isachsen, and Rickard, 1970).

Peat deposits often generate methane which can become problematic during site redevelopment or subsurface work. For this reason, the presence of peat is considered a BER.

4.1.3 Regional and Property Hydrogeology

The shallow water table is often a subdued expression of ground surface topography. Shallow groundwater generally flows from areas of groundwater recharge, such as hills and broad uplands, to areas of groundwater discharge, such as wetlands, rivers, and lakes. According to the investigation reports for sites located adjacent to the Property, the depth to the water table is expected to be between 4 and 14 ft bgs. Perched groundwater was encountered in some investigation locations in the fill. The water table within the vicinity of the Property is relatively flat, with a slope indicating shallow groundwater should generally flow either south or southeast.

4.1.4 Federal, State and Tribal Environmental Records

An environmental database report was obtained from Environmental Data Resources (EDR), a third-party environmental database search firm. A complete copy of the environmental database report, including the date the report was prepared, the date the information was last updated, and the definition of databases searched, is provided in **Appendix D**. Stantec evaluated the information listed within the databases relative to potential impact to the Property, assessing the potential for impacts based in part on the physical setting. As part of this process, inferences have been made regarding the likely groundwater flow direction at or near the Property. As described in **Section 4.1.3**, the inferred shallow groundwater flow direction is likely to be to the south or southeast. Observations about the Property and surrounding properties made during the Property reconnaissance are provided in more detail in **Section 5**.

4.1.5 Listings for Property

The Property and adjacent parcel north and east of the Property (known as 100 City Crossroads or 341 Peat Street) are listed as a regulated transfer station for the City of Syracuse and is known as the "Crossroads Park" facility. It is currently used by the City of Syracuse as a Construction and Demolition (C&D) transfer station including waste tires and street sweeper debris storage and screening. Several documents relating to the use of the Property as a transfer station were provided in the Freedom of Information Law (FOIL) response from the NYSDEC (see **Section 4.2.3**). This included:

- Registration of Crossroads Park Solid Waste Transfer Station for 2011. Authorized waste included waste tires, street sweepings and C&D debris.
- Registration for a Solid Waste Management Facility for 2018. Authorized waste included waste tires, street sweepings and C&D debris.
- Construction & Demolition Debris Processing Facility Annual Report for 2017,
- Registered Transfer Station Annual Report for 2014, 2015, 2016, 2017, 2018, 2019

- Inspection Reports for 2013, 2014, 2015, 2017 and 2018 and a warning letter for 2013.
    - In 2013 violations were found for the following items:
        - The C&D bunker was full and waste was extending beyond the contained area. Waste material was observed on the ground near the loading ramp.
        - No control program was established to ensure that only authorized waste is accepted.
        - No annual report for 2012 was submitted.
    - In 2015 violations were found for the following items:
        - C&D storage outside storage area.
        - Solid waste is not prevented from entering surface water and/or groundwater (no further details are provided).
    - In 2017 a violation was found related to management of solid waste occurring outside approved area.

Historical violations associated with management of waste outside the C&D bunker area and potential impacts to surface water and/or groundwater is a REC.

4.1.5.1 Remediation Sites On or Adjacent to the Property

Four NYSDEC remediation site listings were identified either for the Property or for the parcels immediately adjacent to the Property. The listings and associated reports that were reasonably ascertainable are summarized below. Copies of the available reports are included in **Appendix F.**

Peter Winkelman Company, Inc., State Superfund (SSF) Program (Site No. 734047)

According to the NYSDEC's Environmental Site Remediation Database this site has a street address of 101-113 Greenway Avenue (see **Figure 2**). Two operable units (OU) were designated for the site; OU-1 encompasses the footprint of a former transformer equipment concrete pad, and OU-2 includes the remainder of the 101-113 Greenway Avenue site. This site is currently classified as "C" meaning that the NYSDEC has determined that remediation has been satisfactorily completed.

According to NYSDEC's Remedial investigation Report (NYSDEC, 2000a) a transformer oil spill was discovered on the site in 1986 and soil samples exhibited hazardous concentrations of PCBs. Subsequent sampling found hazardous PCB concentrations in free product. In 1997 the transformers were removed by NYSDEC's spill contractor. Free product and impacted soils were removed during excavation of the transformer pad. Two slotted culvert pipes were placed vertically in the excavation and a mobile oil skimmer was installed. An investigation initiated in 1999 found PCBs in soils below the hazardous threshold and low levels of PCBs in groundwater. NYSDEC subsequently issued a Record of Decision (ROD) that indicated that no further action was required (NYSDEC, 2000b).

According to the Site Closeout Report for OU 1 (Arcadis, 2016), there was a fire at the site in 2004 which damaged the OU-1 remediation system. The 2006 periodic review identified that the remedy had failed, and the site needs to be reclassified. Groundwater samples collected in 2006 identified PCBs in groundwater at concentrations greater than water quality standards. In 2013 the skimmers were found to

be inoperable; however, groundwater samples and sump samples collected in 2014 did not detect PCBs. The treatment system was decommissioned in 2015.

In 2015 an investigation was conducted for the remainder of the 101-113 Greenway site (Arcadis, 2015). Based on groundwater measurements collected during this investigation, the Property is located downgradient of the Winkelman site. Piles of soil and debris were observed across the site. Generally, fill consisting of bricks and slag were encountered. Estimated detections of acetone were identified in numerous soil samples within close proximity of the Property; however, acetone is a common laboratory contaminant and is not expected to be representative of site conditions. Four soil samples were collected along the eastern site boundary (across the Greenway Avenue paper street from the subject Property) between 0 and 5 ft bgs and were generally collected from soils containing fill. All four samples had detections of semi-volatile organic compounds (SVOCs) and metals above industrial use soil cleanup objectives (SCOs). PCBs and pesticides were not detected in these samples at concentrations above unrestricted use SCOs. Volatile organic compounds (VOCs), SVOCs, pesticides, PCBs, and metals (other than common/naturally occurring metals such as sodium, manganese and iron) were not detected in groundwater wells located within 100 ft of the subject Property. A detection of the VOC 1,1-dichloroethane was found above the NYSDEC groundwater standard in a well located approximately 275 ft northeast of the subject Property.

According to Payson Long, NYSDEC Project Manager for this site, there has not been further activity on the site since the 2015/2016 reports discussed above.

Former Syracuse Rigging Property, Environmental Restoration Program (ERP), Site No. B00146

This site consists of 341 Peat Street (also known as 100 City Crossroads Drive) which is currently the City of Syracuse's composting facility located north and east of the subject Property (see **Figure 2**). According to a 2012 ROD, petroleum impacted soils were excavated in 2001 and stockpiled on-site. According to the ROD this soil is still present in on-site in berms. Per Benjamin Rung, current NYSDEC Project Manager for this site, the exact locations of these piles are not known, and soil samples were recently collected at this site to see what might remain. At the time of this correspondence with NYSDEC, results from this sampling program were not yet available.

A 2008 Site Investigation Report was provided to Stantec by Mr. Rung (Beardsley Design Associates, 2008). Numerous investigations have been conducted at this site which have identified petroleum, chlorinated solvent and metal impacted soil and/or groundwater. Fill materials, including ash and cinders, were encountered in exploration locations across the site. The summary presented below focuses on findings identified on or immediately adjacent to the subject Property:

- A sample of fill collected approximately 4 ft bgs from an exploration trench installed on the northeastern portion of the Property contained SCO exceedances by polycyclic aromatic hydrocarbons (PAHs).
- Acetone and benzo(a)pyrene (a PAH) were detected above SCOs in a test pit sample collected 9 ft bgs. Slight staining and petroleum odors were noted in this test pit.

- Two VOCs and one PAH were identified above SCOs in a soil sample collected on the northeastern portion of the Property between 8 and 12 ft bgs.
- One temporary well installed on the northern portion of the Property contained several VOCs (acetone, carbon disulfide, 2-butanone and total xylene) but they were detected at concentrations below groundwater standards and guidance values. Multiple metals were detected in groundwater at this same location above standards and guidance values; however, the report notes that the elevated levels may be due to high turbidity of the samples.
- An area of petroleum impacts in soil was encountered approximately 20 ft east of the Property. Light non-aqueous phase liquid (LNAPL) identified as diesel fuel has been reported in monitoring well (MW) 5 located approximately 70 ft east of the Property.
- A temporary well located on the Greenway Avenue paper road installed as part of this same investigation found chlorinated VOCs (including vinyl chloride, chloroethane, trans-1,2-dichloroethene and cis-1,2-dichloroethene) above groundwater standards and guidance values. This well is located approximately 220 ft upgradient of the Property.
- Surface soil samples collected across this site had nickel, arsenic and barium concentrations above the current commercial SCOs (NYSDEC, 2012).

According to the 2008 Site Investigation Report, the City of Syracuse has been using the site since approximately the 2000s.

A copy of the 2018 Periodic Review Report was also reviewed (C&S Engineers, 2018). Several site controls were noted to not be in compliance with the Interim Site Management Plan which included use of the northeastern portion of the site (which has not been approved for use by NYSDEC), rutting of surface soil by trucks and heavy equipment, dust generation from heavy equipment use, evidence of soil being tracked off-site by trucks and unprotected groundwater monitoring wells. Also, 2.72 feet of LNAPL was reported in MW-5.

According to Mr. Rung remedial design for this site is currently in progress.

City Crossroads Property, SSF Program, Site No. 734139

This site consists of four parcels: the subject Property, 341 Peat Street (located north and east of the subject Property), 101-113 Greenway Avenue and 100 Greenway Avenue (100 Greenway Avenue is described as the narrow strip of land located between the 102 and 101-113 Greenway Avenue parcels). According to Joshua Cook with NYSDEC, this application was submitted by the City of Syracuse under the Brownfield Opportunity Area (BOA) to conduct a site characterization investigation. The application was denied because the ROD had already been issued for 101-113 Greenway Avenue and therefore was not eligible for the BOA assessment process.

The Greenway Site, ERP, Site No. B00134

This site consists of 101-113 Greenway Avenue, located west of the Property, and the subject Property. According to the listing, the City of Syracuse identified protruding tanks from the ground, piles of waste materials, drums, and unknown residues within the building. The listing stated that the City of Syracuse intended to foreclose on the site due to tax delinquency. According to Joshua Cook with NYSDEC an ERP application for this site was either not completed or denied.

Remediation Listing Summary

In summary, investigations were conducted on two NYSDEC remediation sites located immediately adjacent to the Property. VOC, PAH, and petroleum impacts have been documented on the Property through investigations at these sites that included sampling on the subject Property. Furthermore, petroleum impacted soil, PAH and metal impacted soil and LNAPL have been identified immediately adjacent to and/or upgradient/cross-gradient of the subject Property. Based on the available records no remediation has occurred to date to address these impacts. The documented presence of impacts on the Property is a REC. Given the proximity of other reported impacts, these adjacent properties are also a REC.

4.1.6 Listings for Nearby Sites with Potential to Impact Property

Stantec assessed data presented in the environmental database report to evaluate the potential for conditions on adjacent and nearby sites to pose a REC, CREC, or HREC for the Property. The evaluation included an opinion of the potential for contamination by hazardous substances or petroleum products to migrate to the Property from a nearby property, including by vapor migration or encroachment (i.e., potential for a vapor encroachment condition [VEC]).

Based on this evaluation, the following individual facilities were identified as the most likely potential sources of impacts to the Property from hazardous substance or petroleum releases at these sites.

Listed Facility Name/Address	Database Listing	Distance/Direction from Property	REC? (YES / NO)
Former Winkelman Building/Lakelawn Transportation Co. Lynch Street/101 Greenway Avenue	SSF Chemical Bulk Storage (CBS) Resource Conservation and Recovery Act (RCRA) Hazardous Waste Generator NY Spills	Adjacent/west	YES
This State Superfund Site is discussed above in **Section 4.1.5.1**.			

Records Review

Listed Facility Name/Address	Database Listing	Distance/Direction from Property	REC? (YES / NO)
Eight CBS tanks ranging between 3,500 and 6,500 gallons were listed as closed/removed in 1991. All were listed as aboveground and in contact with soil. The contents included ferrous sulfate. The Property was listed a RCRA generator which appears to be related to the disposal of remediation waste. This spill incident (spill number 9701063) occurred at the Winkelman Stie discussed above. A leaking waste oil drum was found and required disposal. No further information is provided, and the spill file was closed. Spill number 9003085 was reported for 222 Teal Avenue which is located west of the Winkelman site (101-113 Greenway). According to the environmental database report there was oil runoff from the Winkelman site onto the 222 Winkelman Avenue property. The spill was reportedly cleaned, and the spill file was closed. As discussed above in **Section 4.1.5.1** the Winkelman property is a REC for the Property.			
Syracuse Rigging Co Inc 100 Greenway Ave	ERP Institutional Controls RCRA No Longer Registered Generator Leaking Tanks (LTANks) NY Spills	Adjacent/North and East	YES
The Property was listed as a RCRA generator of ignitable waste and lead. This facility is no longer listed as RCRA generator. The environmental database report lists spill no. 9413575 for this site. According to the 2008 remedial investigation, analysis from the investigation identified metals, solvent and petroleum related impacts which resulted in the opening of the spill file. The file was later closed due to inactivity and the industrial nature of the site. Spill no. 0005223 was opened when underground storage tanks (USTs) were encountered during building demolition. This resulted in excavation of 425 cubic yards of impacted soil in 2001 (see further discussion of this soil in **Section 4.1.5.1**). As discussed above in **Section 4.1.5.1** the Syracuse Rigging Co. site is a REC for the Property.			
Spill number 0109727 116 Lynch Street	NY Spill	115± ft/Southwest	NO
This spill incident involved a non-PCB containing transformer leak which affected the roof of a building, walls of the building and a portion of a parking area. According to the spill file a cleanup crew was on their way to the site. No further information is provided, and the spill file was closed. Given the closure of the spill file and this facility's downgradient location this spill is not a REC.			

Listed Facility Name/Address	Database Listing	Distance/Direction from Property	REC? (YES / NO)
110 Lynch Street	NY Spill	240± ft/Southwest	NO
Spill number 1412076 occurred when a traffic accident resulted in broken hydraulic lines and puncture of a diesel tank. Pads and booms were used to capture the release of material and disposal manifests were received by the NYSDEC. The spill file was closed. Given the downgradient location of the spill and closure of the spill file by NYSDEC it is not a REC for the Property.			
Syracuse Materials Recovery 301 Peat Street	Solid Waste Facility (SWF)/Landfill (LF)	630± ft/West	NO
This facility is listed as a vehicle dismantling facility. Given this site's assumed cross-gradient location it is not a REC.			

Based on one or more of the following reasons: nature of the listing, distance from the Property, position of sites with respect to assumed groundwater flow direction, and regulatory status, the remaining listings in the database search report provided in **Appendix D** do not appear to constitute potential RECs for the Property.

4.2 LOCAL/REGIONAL ENVIRONMENTAL RECORDS

Stantec checked the following sources to obtain information pertaining to Property use and/or indications of RECs in connection with the Property:

4.2.1 Local Health Department

Agency Name Contact Information	Finding
Onondaga County Online FOIL Requests https://forms.ongov.net/foil/	An electronic request subject to the Freedom of Information Law (FOIL) was submitted through Onondaga County's online FOIL submission system to review their files regarding the Property (see **Appendix F**). The information requested included records of waste disposal sites within one mile of the Site, records of the presence, installation, or removal of storage tanks, Department of Health records and special environmental permits and violation records. A response was received on October 16, 2020 stating that a diligent search of the County's records revealed no responsive records.

4.2.2 Local Building and/or Planning Department Records

Agency Name Contact Information	Finding
David William Records Access Officer foil@syrgov.net	A written FOIL request was submitted to the City of Syracuse to review their files regarding the Site (see **Appendix F**). The information requested included building permits, fire department records (including violations), spill or tank listings, and assessor information for the Property. An acknowledgement letter was received on October 5, 2020 stating that a review of the records is anticipated to be completed on or about November 17, 2020. As of the date of this report a complete response has yet to be received.

4.2.3 Department of Environmental Conservation

Agency Name, Contact Information	Findings
NYSDEC Online FOIL Request System https://www.dec.ny.gov/public/373.html	An electronic FOIL request was submitted through the New York State Department of Environmental Conservation (NYSDEC) online server to review its files regarding the Site (see **Appendix F**). The information requested included any records kept by Divisions of Air Resources, Environmental Permits, Environmental Remediation, Water, and Materials Management regarding the Property. Multiple records were identified associated with the Perter Winkelman State Superfund Site (Site No. 734047) and regarding the C&D transfer. The findings from the FOIL response are discussed in **Section 4.1.5**.

4.3 HISTORICAL RECORDS REVIEW

4.3.1 Land Title Records/Deeds

Land title records, deeds, environmental liens, and activity and use limitation documentation was not provided by the User, and public records were not searched by Stantec.

4.3.2 Aerial Photographs

Stantec reviewed historical aerial photographs provided by EDR. The general type of activity on a property and land use changes can often be discerned from the type and layout of structures visible in the photographs. However, specific elements of a facility's operation usually cannot be discerned from aerial

photographs alone. The following table summarizes Stantec's observations of the reviewed historical aerial photographs.

Year	Scale	Observations, Property and Adjoining Properties
1938	1:500	The photograph is of poor resolution and site-specific features are difficult to decipher. **Property:** The Property appears to be undeveloped; however, there appears to be some ground disturbance. **North:** Several large industrial style buildings are visible on the adjacent area north of the Property. **East**: The site appears to be undeveloped; however, there appears to be some ground disturbance/vegetation clearing. **South:** Several linear features, likely railroad tracks, are visible. **West:** A roadway followed by a large industrial building is visible west of the Property.
1951 1959	1:500	**Property:** A small square building is visible on the Property. A roadway/pathway is visible along the southern portion of the Property. **North:** Several large industrial style buildings are visible on the adjacent area north of the Property. **East**: The site appears to be undeveloped; however, there appears to be some ground disturbance/vegetation clearing. **South:** Railroad tracks are visible south of the Property followed by vacant land. **West:** A roadway followed by a large industrial building is visible west of the Property.
1966	1:500	**Property:** An increase in tree coverage is visible. The small square building and roadway/pathway continue to be visible. Significant ground disturbance and/or debris is visible. **North:** Several large industrial style buildings are visible on the adjacent area north of the Property. **East**: The site appears to be undeveloped; however, there appears to be some ground disturbance and/or debris. **South:** Railroad tracks are visible south of the Property followed by a commercial style building. **West:** A roadway followed by a large industrial building is visible west of the Property.

Records Review

Year	Scale	Observations, Property and Adjoining Properties
1978	1:500	**Property:** An increase in tree coverage is visible. The on-site building is no longer visible. The northeastern portion of the Property is clear of vegetation. **North:** Several large industrial style buildings are visible on the adjacent area north of the Property; however, there appears to be fewer buildings than the prior photograph. Apparent trailers or other small rectangular structures are visible throughout the site. **East**: The area continues to appear undeveloped; however, there are several apparent trailers. Most of this area appears to be clear of vegetation. **South:** The former railroad corridor has become overgrown with trees. An electrical substation is visible across the former railroad corridor, south-southeast of the Property. A commercial style building is visible south-southeast of the Property along Lynn Avenue. **West:** A roadway followed by a large industrial building is visible west of the Property. Multiple vehicles/equipment are visible throughout the property.
1988	1:500	The photograph is of poor resolution. **Property:** Details on the Property are difficult to discern given poor photograph resolution. **North:** Multiple large buildings are visible. **East:** This area appears to be undeveloped. **South:** There is an apparent linear feature and some development south of the Property; however, details are difficult to discern. **West:** An industrial building is visible west of the Property.
1995	1:500	**Property:** The Property appears to have been cleared of vegetation. The small square building is visible. Equipment and/or vehicles are visible on the Property. **North:** Two industrial/commercial buildings are visible on the Property. The lot appears to have been cleared of vegetation. **East:** The area appears to be vacant and cleared of vegetation. **South:** Vacant land followed by a substation and commercial building are visible. **West:** A roadway followed by a large industrial building is visible west of the Property.

Year	Scale	Observations, Property and Adjoining Properties
2006, 2009, 2013, 2017	1:500	**Property:** The building is no longer visible on the Property. Piles of material are visible on the Property. The current C&D bunker and waste tire storage area are visible on the Property. **North:** Buildings are no longer visible. This property is partially vegetated and contains piles of material. **East:** This area is partially vegetated and contains piles of material. **South:** The former railroad corridor has become overgrown with trees. An electrical substation is visible across the former railroad corridor, south-southeast of the Property. A commercial style building is visible south-southeast of the Property along Lynn Avenue. **West:** An unpaved pathway followed by a large industrial style building is visible. The condition of the building appears to have deteriorated since the 1995 photograph.

Name of aerial photograph source: EDR dated 1938, 1951, 1959, 1966, 1978, 1986, 1988, 1995, 2006, 2009, 2013, 2017.

Based on the historical aerial photographs, there was a structure on the Property from at least 1951 through 1995 that has since been demolished. There is the potential that lead based paint (LBP) on former structure may have resulted in LBP residues in surface soil at the Property. In addition, there is the potential for debris from demolition of the former structures to be buried on-site, and to contain wastes such as LBP and asbestos containing building materials (ACBMs), or other materials that would have to be managed as solid waste if excavated during future construction activities. The historical record of the past presence of a building on the Property therefore represents a REC for the Property, given the potential for residual impacts to site soils.

4.3.3 City Directories

Stantec reviewed available reverse city directories provided by EDR for the Property and surrounding area in approximately five-year intervals from 1938 to 2017. The following is a summary of Stantec's review of the city directory listings for the Property. A copy of the city directory search report is provided in **Appendix E**. City Crossroads Drive was not listed in the directories search obtained by Stantec. Information provided in the City Directory search results from the Phase I ESA for the Former Winkelman property is also included in the below table (AECC, 2020)

Year	Subject/Adjoining Property Addresses	Listed Occupants
1938	Subject Property: 102 Greenway Avenue Adjacent north: 100 Greenway Avenue (part of current 100 City Crossroads Dr.) Adjacent west: 101 Greenway Avenue	Subject Property: Not listed Adjacent north: General material & Wrecking Co Inc building materials Adjacent west: Globe Forge & Foundries Inc.

	Adjacent southwest: 103 Greenway Avenue	Adjacent southwest: Epstein Co the cooperage
1944	Subject Property: 102 Greenway Avenue Adjacent north: 100 Greenway Avenue (part of current 100 City Crossroads Dr.) Adjacent west: 101 Greenway Avenue	Subject Property: Not listed Adjacent north: General material & Wrecking Co Inc building materials Adjacent west: Winkelman D W Co warehouse
1949	Subject Property: 102 Greenway Avenue Adjacent north: 100 Greenway Avenue (part of current 100 City Crossroads Dr.) Adjacent west: 101 Greenway Avenue	Subject Property: Not listed Adjacent north: Finger Lakes Equipment Corp Adjacent west: US Hoffman Machinery Corp
1955	Subject Property: 102 Greenway Avenue Adjacent north: 100 Greenway Avenue (part of current 100 City Crossroads Dr.) Adjacent west: 101 Greenway Avenue	Subject Property: Not listed Adjacent north: Finger Lakes Equipment Corp, Finger Lakes Sales Corp Adjacent west: Aerofin Corp
1959	Subject Property: 102 Greenway Avenue Adjacent north: 100 Greenway Avenue (part of current 100 City Crossroads Dr.) Adjacent west: 101 Greenway Avenue Adjacent south (across former railroad corridor): 116 Lynch Street	Subject Property: Not listed Adjacent north: Finger Lakes Equipment Corp, Finger Lakes Sales Corp, Winkelman D W Co. Inc. warehouse Adjacent west: Aerofin Corp heating and cooling coils Adjacent south: Green's Storage and Distributing Co., Greene's Motor Express
1964	Subject Property: 102 Greenway Avenue Adjacent north: 100 Greenway Avenue (part of current 100 City Crossroads Dr.) Adjacent west: 101 Greenway Avenue Adjacent south (across former railroad corridor): 116 Lynch Street	Subject Property: Not listed Adjacent north: Finger Lakes Equipment Corp, Fingler Lakes Sales Corp Adjacent west: Aerofin Corp Adjacent south: Sim-Bern Porision Co. (wholesale food distributor)
1968	Subject Property: 102 Greenway Avenue Adjacent north: 100 Greenway Avenue (part of current 100 City Crossroads Dr.) Adjacent west: 101 Greenway Avenue Adjacent south (across former railroad corridor): 116 Lynch Street	Subject Property: Not listed Adjacent north: Vacant Adjacent west: Vacant Adjacent south: Sim-Bern Porision Co. (wholesale food distributor)
1972	Subject Property: 102 Greenway Avenue Adjacent north: 100 Greenway Avenue (part of current 100 City Crossroads Dr.) Adjacent south (across former railroad corridor): 116 Lynch Street	Subject Property: Not listed Adjacent north: Vacant Adjacent south: Sim-Bern Porision Co. (wholesale food distributor)

Records Review

1977	Subject Property: 102 Greenway Avenue Adjacent north: 100 Greenway Avenue (part of current 100 City Crossroads Dr.) Adjacent west: 101 Greenway Avenue Adjacent south (across former railroad corridor): 116 Lynch Street	Subject Property: Not listed Adjacent north: Vacant Adjacent west: Winkelmen D W Co. Inc. Syracuse Rigging Warehouse Adjacent south: Sim-Bern Porision Co. (wholesale food distributor)
1983	Subject Property: 102 Greenway Avenue Adjacent north: 100 Greenway Avenue (part of current 100 City Crossroads Dr.) Adjacent west: 101 Greenway Avenue Adjacent south (across former railroad corridor): 116 Lynch Street	Subject Property: Moshannon Mining Co. Adjacent north: Syracuse Rigging Co. (warehouse) Adjacent west: Liland Enterprises Inc. Thrush Enterprises Inc paving Alloy Metal Strippers National Cellulose Fiber Inc. paper Adjacent south: Vacant
1988	Subject Property: 102 Greenway Avenue Adjacent north: 100 Greenway Avenue (part of current 100 City Crossroads Dr.) Adjacent west: 101 Greenway Avenue Adjacent south (across former railroad corridor): 116 Lynch Street	Subject Property: Not Listed Adjacent north: Syracuse Rigging Co. (warehouse) Adjacent west: Vacant Thrush Enterprises Inc paving Liland Trade & Radiator Service Inc East Com telecommunication contr Riccelli Haulers Riluc Company Inc transfer co Winkelman Peter Co. Inc prop sales and leasing Adjacent south: Polge Seafood Distribution
1992	Subject Property: 102 Greenway Avenue Adjacent north: 100 Greenway Avenue (part of current 100 City Crossroads Dr.) Adjacent west: 101 Greenway Avenue	Subject Property: Not Listed Adjacent north: Syracuse Rigging Co. Paint shop Adjacent west: GSI of Virginia Moshannon Mining Corp Riluc Company Inc. Syracuse Rigging Co. Inc Office Thrush Enterprises Inc

	Adjacent south (across former railroad corridor): 116 Lynch Street	Winkelman Peter Co Inc. Adjacent south: Polge Seafood Distribution
1995	Subject Property: 102 Greenway Avenue Adjacent west: 101 Greenway Avenue Adjacent south (across former railroad corridor): 116 Lynch Street	Subject Property: Economy Collision Adjacent west: GSI of Virginia Moshannon Mining Corp Thrush Enterprises Inc Winkelman Peter Co Inc. Adjacent south: Polge Seafood Distribution
2000	Subject Property: 102 Greenway Avenue Adjacent south (across former railroad corridor): 116 Lynch Street	Subject Property: Not listed Adjacent south: Polge Seafood Distribution
2005	Subject Property: 102 Greenway Avenue Adjacent south (across former railroad corridor): 116 Lynch Street	Subject Property: Not listed Adjacent south: Jay N Jen Inc.
2010	Subject Property: 102 Greenway Avenue Adjacent south (across former railroad corridor): 116 Lynch Street	Subject Property: Not listed Adjacent south: Not listed
2014	Subject Property: 102 Greenway Avenue Adjacent south (across former railroad corridor): 116 Lynch Street	Subject Property: Not listed Adjacent south: Jay N Jen Inc.

The Property was listed as a collision shop in 1995. Auto repair shops typically use and store hazardous materials and petroleum products. The historical listing of a collision shop on the Property is a REC.

4.3.4 Historical Fire Insurance Maps

Fire insurance maps were developed for use by insurance companies to depict facilities, properties, and their uses for many locations throughout the United States. These maps provide information on the history of prior land use and are useful in assessing whether there may be potential environmental contamination on or near the Property. These maps, which have been periodically updated since the late 19th century, often provide valuable insight into historical Property uses.

Records Review

Stantec contracted EDR to search for copies of historical fire insurance maps covering the subject and immediately adjacent properties. The following table provides a summary of key observations related to use of the Property and neighboring properties on each map. The northeastern portion of the 341 Peat Street parcel was not included in the Sanborn map report.

Year	Occupant of Property/Adjoining Properties;
1910	**Property:** The Property appears to be vacant. **Adjacent Properties:** **North and East (341 Peat Street):** On the northern portion of this property structures associated with the Archbold Brad Co. (structural steel works) are depicted. A machine work, storage building with a paint shop, and transformer house are depicted. On the southern portion of this site two buildings, a drop forge shop and boiler house, apparently associated with the Globe Malleable Iron and Steel Company are depicted. **South:** Railroad tracks followed by Lynch Street and apparently vacant lots. **West (101-113 Greenway Avenue)** Greenway Avenue followed by one large manufacturing building and smaller outbuildings associated with Globe Malleable Iron and Steel Company. The large building is labeled as a foundry with ovens. Also noted are shops, a gasoline tank and furnaces. The smaller outbuildings consist of offices, sand house, oil house, sheds, a shop, and general storage.
1951	**Property:** A building labeled as a first aid department and two oil tanks, 42,000 gallons each, are depicted on the Property. Portions of two 12,000- gallon oil tanks mostly located on the adjacent area east of the Property are depicted on the Property. The tanks and building appear to be related to Globe Forge Inc operations on the adjacent site north and east of the Property. **Adjacent Properties:** **North and East (100 Greenway Avenue and 341 Peat Street):** The northwestern portion of this property is occupied by Finger Lakes Equipment Co. A repair shop is depicted. The remainder of this parcel appears to be improved with buildings associated with Globe Forge (manufacturers of drop forgings). The buildings are labeled as machine shops, forge shops, storage, trimming pickling and cleaning, oil storage and die department. Three 12,000-gallon oil tanks are depicted east of the Property, two of which are partially located on the Property. There are multiple railroad ties on the Property. **South:** Railroad tracks followed by Lynch Street and apparently vacant lots. **West (101-113 Greenway Avenue)** One large manufacturing building and smaller outbuildings associated with US Hoffman Machinery Corporation. The large building is labeled as a machine shop and drop forges. The smaller outbuildings as labeled as sand plant, oil house, electrical room, concrete conveyor, chip tower and shop.

Records Review

Year	Occupant of Property/Adjoining Properties;
1953	The Property and adjacent area appear similar to the previous map; except four unlabeled circles are depicted on the Property.
1964	**Property:** A concrete block building is depicted on the Property. **Adjacent Properties:** **North and East (341 Peat Street and 100 Greenway Avenue):** The northwestern portion of this property is occupied by Finger Lakes Equipment Co. A repair shop is depicted. The remainder of this parcel is improved with three buildings labeled as "Motor Frt. Sta." storage, and electrical contractors. A railroad tie is also depicted. **South:** Railroad tracks followed by Lynch Street followed by a commercial building labeled as a grocery/frozen food. **West (101-113 Greenway Avenue)** One large manufacturing building and smaller outbuildings associated with Aero - Fin Corporation are depicted. The large building is labeled as sheet metal and machine shop and assembly. The smaller outbuildings are labeled as storage, metal storage, a shop and assembly.
1968 and 1971	The Property and adjacent area appear similar to the previous map; except for an oil tank depicted on 101-113 Greenway Avenue parcel approximately 65 ft west of the Property.
1990	**Property:** A concrete block building is depicted on the Property. **Adjacent Properties:** **North and East (341 Peat Street):** The northwestern portion of this property is improved with an office building and an unlabeled building. A steel framed building, a warehouse building, an office building and a railroad tie are depicted on the eastern portion of the property. **South:** The railroad tracks immediately south of the Property are no longer depicted. Lynch Street followed by a commercial building labeled as a grocery/frozen food and a vacant lot labeled as transfer yard are depicted south of the former railroad corridor. **West (101-113 Greenway Avenue)** One large unlabeled manufacturing building and smaller outbuildings are depicted. The large building is labeled as sheet metal and machine shop and assembly. The smaller outbuildings are either unlabeled or labeled as storage, metal storage, a shop and assembly. An oil tank is depicted approximately 65 ft west of the Property.

Name of maps and source: EDR Sanborn Maps dated1910, 1951, 1953, 1964, 1968, 1971 and 1990.

Two 42,000-gallon oil tanks and portions of two 12,000-gallon oil tanks were depicted on the Property in 1951 and 1953. Historical bulk storage of oil on the Property is a REC.

A railroad track has abutted the southern Property line since at least the early 1900s until approximately the 1970s. Historical railroad lines have been found to be impacted by herbicides, metals, constituents of oil or fuel, creosote, coal ash and diesel exhaust (RTTC, 2004). The proximity of the Property to the former railroad line is a REC.

The adjacent 101-113 Greenway avenue reportedly operated as a foundry in at least 1910. Emissions from the historical adjacent foundry operations may have resulted in metal and PAH surface soil impacts on the Property.

4.3.5 Historical Topographic Maps

Stantec reviewed historical USGS 15-minute Topographic Maps of the Syracuse East and Syracuse West Quadrangles (scale: 1:62,500) and 7.5-minute Topographic Maps of the Syracuse East and Syracuse West Quadrangles (scale: 1:24,000 and 1:31,680) to help identify past Property usage and areas of potential environmental concern. Copies of the historical maps are provided in **Appendix E**. The following table summarizes the maps reviewed and our observations

Year	Scale	Observations, Property and Adjoining Properties
1895/1898	1:62,500	The Property and adjacent area are located in an urban area. A small square building is depicted on the Property. Railroad tracks followed by a building followed by a stream are depicted south of the Property.
1938/1939 1939/1943	1:24,000	The Property and adjacent area are depicted as being in a “built up” area; site specific features are not depicted. Railroad tracks are depicted south of the Property. Multiple railroad ties are depicted east of the Property.
1957/1958	1:24,000	A roadway is depicted along the southern portion of the Property. No other structures are depicted on the Property. Large industrial/commercial buildings are depicted on the adjacent properties north and west of the Property. Multiple railroad ties are depicted east of the Property. Railroad tracks are depicted south of the Property.
1973/1977 1978	1:24,000	No structures are depicted on the Property. Large industrial/commercial buildings are depicted on the adjacent properties north and west of the Property. Railroad tracks are depicted south of the Property.
2013	1:24,000	Buildings and other structures are not depicted on this map.

Name of maps and source: USGS 15-minute Topographic Maps of the Syracuse East and Syracuse West Quadrangles (scale: 1:62,500) for 1895 and 1898, 7.5-minute Topographic Maps of the Syracuse

East and Syracuse West Quadrangles (scale: 1:24,000) for 1938/1939, 1957/1958, 1973/1977, 1978, and 2013 and 7.5-minute Topographic Maps of the Syracuse East and Syracuse West Quadrangles (scale: 1:31,680) for 1939/1943.

4.3.6 Other Historical Sources

A Phase I ESA for the Winkelman site, located west of the Property, dated January 2020 was reviewed (AECC, 2020). The Phase I ESA identified the following RECs:

- Tires had been illegally dumped on the site and in the building. NYSDEC cleaned up the noncompliant waste; however, it was unsafe to cleanup inside the building. Additional solid waste (which could not be assessed) may be located within the building.
- Subsurface soils on the site include fill materials that have been impacted by SVOCs, metals and PCBs. Longtime industrial use may also result in impacts to subsurface soils. A site characterization report found that there are impacts above unrestricted use criteria.
- Numerous debris piles and berms containing solid waste were observed on the site. The site characterization report identified SVOC, metal and pesticide impacts in these piles.
- An abandoned oil AST between 8,000 and 10,000 gallons in size was observed on the site.

A CREC was identified associated with the PCB transformer oil spill that has been remediated and is subject to a NYSDEC site management plan.

5.0 SITE RECONNAISSANCE

A visit to the Property and its vicinity was conducted by Katie Nelson of Stantec on October 22, 2020. Access to the Property was provided by Tom Ely from the City of Syracuse. Stantec was accompanied by Mr. Ely during the Property visit. **Figure 2** provides information about the Property and adjoining properties. Photographs collected during the Property visit are included in **Appendix A**.

5.1 SITE RECONNAISSANCE METHODOLOGY

The site reconnaissance focused on observation of current conditions and observable indications of past uses and conditions of the Property that may indicate the presence of RECs. Only a limited area of the Property was visited due to the following reasons:

- An access agreement was not established with the current owner, GSI of Virginia. Stantec was accompanied by Mr. Ely from the City of Syracuse during the site visit. The site visit was mostly limited to areas of the Property where the City of Syracuse operates.
- The City of Syracuse was using heavy equipment to load out C&D materials at the time of site visit.
- Areas of the Property were heavily vegetated and contained soil/debris piles.

These site visit limitations resulted in a significant data gap since it limited the ability to observe potential RECs or *de minimis* conditions.

Weather conditions during the visit to the Property were overcast and raining. There were no weather-related Property access restrictions encountered during the reconnaissance visit.

5.2 GENERAL DESCRIPTION

Property and Area Description:	The Property is in the City of Syracuse in a largely industrial and commercial neighborhood. The Property is classified as “other storage” according to the Onondaga County property information. The Property is comprised of a 0.93± acres tax parcel (032.1-01-25.0) located off an unpaved paper street known as Greenway Avenue, north of Lynch Avenue. The Property is bordered to the south by a former railroad corridor and substation. The Property is accessible through the City of Syracuse composting site located at 100 City Crossroads Drive (also known as 341 Peat Street). The Property is currently used by the City of Syracuse for temporary C&D material storage and waste tire storage.

Structures, Roads, Other Improvements:	Most of the Property is unpaved and vegetated. The Property is improved with two concrete block bunkers for storage of waste tires and C&D materials. Two loading ramps constructed of metal and asphalt were observed. An asphalt area and concrete pad were observed on the northwestern portion of the Property which are likely related to a former building.
Property Operations:	The Property is currently used by the City of Syracuse for storage of C&D materials and waste tires. According to Mr. Ely the materials are generated by the City of Syracuse and are temporarily stored on the Property until they are able to be brought to a waste disposal facility. City staff operate a loader on the Property in order to move materials and load trucks.
Property Size (acres):	0.93± acres
Estimated % of Property Covered by Buildings and/or Pavement:	Approximately 10%
Observed Current Property Use/Operations:	C&D and waste tire storage; see Property Operations above.
Observed Evidence of Past Property Use(s):	A concrete pad and asphalt paved area were observed on the northwestern portion of the Property which are likely related to a former building.
Sewage Disposal Method (and age):	Sewage is not currently generated on the Property.
Potable Water Source:	Potable water is not used on the Property.
Electric Utility:	Electric service is not used on the Property.

5.3 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS

The following table summarizes Stantec's observations during the Property reconnaissance.

Observations	Description/Location
Hazardous Substances and Petroleum Products as Defined by CERCLA 42 U.S.C. § 9601(14):	Unlabeled containers (1-5 gallons) were observed to have been discarded on the Property.
Drums (≥ 5 gallons):	None observed.
Strong, Pungent, or Noxious Odors:	None observed.

Observations	Description/Location
Pools of Liquid:	Large puddles of storm water were observed.
Unidentified Substance Containers:	As noted above various 1-5-gallon containers were observed to have been discarded on the Property.
PCB-Containing Equipment:	None observed.
Other Observed Evidence of Hazardous Substances or Petroleum Products:	None observed.

5.4 INTERIOR OBSERVATIONS

There are no buildings on the Property thus no interior observations were made.

5.5 EXTERIOR OBSERVATIONS

Stantec made the following observations during the site reconnaissance of exterior areas of the Property and/or identified the following information during the interview or records review portions of the assessment:

Observations	Description
On-site Pits, Ponds, or Lagoons:	None observed.
Stained Soil or Pavement:	None observed.
Stressed Vegetation:	None observed.
Waste Streams and Waste Collection Areas:	As described in the Property Operations section above, two bunkers are present for storage of C&D and waste tires.
Solid Waste Disposal:	Soil/debris piles were observed on the western portion of the Property. The piles observed were mostly soil with lesser amounts of debris including asphalt, tires, and general waste (plastic bags, bottles, etc.). The source of the debris piles is not known. Given the historical industrial uses of the Property and adjacent properties and the unknown source(s) of these piles there is potential that they contain contaminated materials and are a REC for the Property.
Potential Areas of Fill Placement:	Soil/debris piles were observed on the Property.
Wastewater:	None observed.

Observations	Description
Stormwater:	Stormwater is expected to infiltrate the ground surface. Puddles of stormwater were observed on the Property during the site visit.
Wells:	No wells were observed on the Property.
Septic Systems:	No visible evidence of the existence of a septic system was observed.
Other Exterior Observations:	A large concrete structure (potentially used in construction of subsurface access for utilities) was observed on the western portion of the Property. At the time of the site visits both the 100 City Crossroads property and the subject Property were observed to be very muddy and surface soil was being tracked by trucks and heavy equipment across the two properties. Metals were reported in surface soil samples collected on the City Crossroads property above commercial soil cleanup objectives. Given the reported metal impacts in surface soils on the City Crossroads property this is a REC.

5.6 UNDERGROUND STORAGE TANKS/STRUCTURES

Existing USTs:	No visible evidence (fill pipes, vent pipes, dispensers, surface stains), which would indicate the presence of USTs on the Property, was discovered during the site reconnaissance.
Former USTs:	No visible evidence (fill pipes, vent pipes, dispensers, surface stains), reports, or other evidence of the former presence of USTs was discovered during this Phase I ESA.
Other Underground Structures:	None observed.

5.7 ABOVEGROUND STORAGE TANKS

Existing ASTs:	No visible evidence (fill pipes, vent pipes, dispensers, surface stains), which would indicate the presence of ASTs on the Property, was discovered during the site reconnaissance.

Former ASTs:	According to the historical Sanborn map review (see **Section 4.3.4**) two 42,000-gallon tanks were located on the Property in the approximate location of the current C&D and waste tire storage bunkers.

5.8 ADJOINING PROPERTIES

5.8.1 Current Uses of Adjoining Properties

Stantec made the following observations about use and activities on adjoining properties:

NORTH AND EAST	The site is used by the City of Syracuse for compositing, storage of street sweeper waste and screening of street sweeper waste. Piles of unscreened street sweeper waste was observed east of the Property. A monitoring well, assumed to be MW-5 based on the reports reviewed (see **Section 4.1.5**), was observed east of the Property. Two rusted 55-gallon drums were observed adjacent to the well which are assumed to be investigation derived waste (IDW) and/or LNAPL from MW-5.
SOUTH	An electrical substation and undeveloped lot.
WEST	The Greenway Avenue paper street followed by a dilapidated former industrial building. Multiple monitoring wells were observed.

5.8.2 Observed Evidence of Past Uses of Adjoining Properties

Observations of adjoining properties providing indications of past use and activities, if any, are described below.

NORTH AND EAST	Multiple building foundations were observed.
EAST	None observed.
SOUTH	None observed.
WEST	A dilapidated industrial building was observed.

5.8.3 Pits, Ponds or Lagoons on Adjoining Properties

Stantec made the following observations about the presence of pits, ponds and lagoons on adjoining properties:

NORTH	None observed.
EAST	None observed.

SOUTH	None observed.
WEST	None observed.

5.9 OBSERVED PHYSICAL SETTING

Topography of the Property and Surrounding Area:	The Property is generally level and at grade with the adjacent properties.

6.0 INTERVIEWS

Tom Ely, from the City of Syracuse which currently operates on the Property, was interviewed regarding current Property operations. Findings from this interview are included in **Section 5**.

Stantec corresponded with Joshua Cook, Ben Rung and Payson Long from the NYSDEC regarding the remediation listings for the Property and adjacent properties. Findings from this correspondence is included in **Section 4.1.5.1**.

The current Property owner, GSI Virginia, was not available for an interview. The inability to interview the owner is a significant data gap.

7.0 EVALUATION

This section provides a summary overview of our Findings, Opinions, and Conclusions.

7.1 FINDINGS AND OPINIONS

Information gathered from interviews, reviews of existing data, and a site reconnaissance visit was evaluated to determine if RECs are present in connection with the Property. Stantec also evaluated information obtained for evidence of BERs and/or other potential environmental liabilities relevant to redevelopment or reuse of the Property – but which do not meet the technical definitions in ASTM E1527-13 for RECs, HRECs, or CRECs. Based on this information, Stantec made the following findings and developed the following opinions.

1	Finding: Based on the historical records review the Property was developed in approximately 1951 and 1953 with a first aid building, and two 42,000 gallon oil tanks and a portion of two 12,000 gallon oil tanks related to Globe Forge Inc. operations on the adjacent parcel north and east of the Property. There are no indications of tanks on the Property after 1953. The building remained on the Property until at least 1995. According to the City Directory search the site was occupied by Moshannon Mining Co. in 1983 and Economy Collision in 1995. Auto repair shops typically use and store hazardous materials and petroleum products. The Property has reportedly been used by the City of Syracuse since the 2000s.
	Opinion: The historical use of the Property including a collision shop and for the bulk storage of oil is a REC.
2	Finding: Based on the historical aerial photographs, there was a structure on the Property from at least 1951 through 1995 that has since been demolished. There is the potential that LBP on the former structure may have resulted in LBP residues in surface soil at the Property. In addition, there is the potential for debris from demolition of the former structures to be buried on-site, and to contain wastes such as LBP and ACBMs, or other materials that would have to be managed as solid waste if excavated during future construction activities.
	Opinion: The historical record of the past presence of a building on the Property represents a REC for the Property, given the potential for residual impacts to site soils.
3	Finding: A railroad track has abutted the southern Property line since at least the early 1900s until approximately the 1970s. Historical railroad lines have been found to be impacted by herbicides, metals, constituents of oil or fuel, creosote, coal ash and diesel exhaust.
	Opinion: The proximity of the Property to the former railroad line is a REC.
4	Finding: At the time of the site visit the Property was used by the City of Syracuse for temporary storage of C&D materials and waste tire storage. Two concrete block bunkers for waste storage were observed. According to records obtained from the NYSDEC there have been several

	violations associated with C&D being stored outside of the designated area and in one instance solid waste was cited as not being prevented from entering surface water and/or groundwater.
	Opinion: Historical violations associated with management of waste outside the C&D bunker area and potential impacts to surface water and/or groundwater is a REC.
5	Finding: At the time of the site visits both the 100 City Crossroads property and the subject Property were observed to be very muddy and surface soil was being tracked by trucks and heavy equipment across the two properties. Metals were reported in surface soil samples collected on the City Crossroads property above commercial soil cleanup objectives. Furthermore, there is potential that emissions from the historical adjacent foundry have resulted in PAH and metal impacts on the Property.
	Opinion: The reported metal impacts in surface soils on the City Crossroads property and potential surface soil impacts from historical foundry emissions is a REC.
6	Finding: Soil/debris piles were observed on the western portion of the Property. The piles observed were mostly soil with lesser amounts of debris including asphalt, tires, and general waste (plastic bags, bottles, etc.). The source of the debris piles is not known.
	Opinion: Given the historical industrial uses of the Property and adjacent properties and the unknown sources of these piles there is potential that they contain impacted materials and are a REC for the Property.
7	Finding: Investigations were conducted on two NYSDEC remediation sites located immediately adjacent to the Property. VOC, PAH, and petroleum impacts have been documented on the Property. Furthermore, petroleum impacted soil, PAH and metal impacted soil and LNAPL have been identified immediately adjacent to and/or upgradient/cross-gradient of the subject Property. Based on the available records no remediation has occurred to date to address these impacts.
	Opinion: The documented presence of impacts on the Property is a REC. Given the proximity of other reported impacts, these adjacent properties are also a REC.
8	Finding: Peat deposits were identified on the Property and adjacent properties.
	Opinion: Peat deposits often generate methane which can become problematic during site redevelopment or subsurface work. For this reason, the presence of peat is considered a BER.

7.2 DATA GAPS

The federal AAI final rule [40 CFR 312.10(a)] and ASTM E1527-13 identify a “data gap” as the lack or inability to obtain information required by the standards and practices of the rule despite good faith efforts by the Environmental Professional or the User.

Data gaps resulting from the Phase I ESA described in this report are listed and discussed below.

Gap	Discussion
Deletions or Exceptions from Scope of Work Referenced in Section 2:	None.

Gap	Discussion
Weather-Related Restrictions to Site Reconnaissance:	None.
Facility Access Restrictions to Site Reconnaissance:	Only a limited area of the Property was visited due to the following reasons: • An access agreement was not established with the current owner, GSI of Virginia. • The City of Syracuse was using heavy equipment to load out C&D materials at the time of site visit. • Areas of the Property were heavily vegetated and contained soil/debris piles. These site visit limitations resulted in a significant data gap since it limited the ability to observe potential RECs or *de minimis* conditions.
Other Site Reconnaissance Restrictions:	None.
Data Gaps from Environmental Records Review:	As of the date of this report a complete response to the FOIL request has not been received from the City of Syracuse.
Data Gaps from Historical Records Review:	The Client did not provide or contract Stantec to provide recorded title records or search results for environmental liens or activity and use limitations encumbering the Property or in connection with the property. Stantec did not obtain historical records that document the Property history in continuous 5-year intervals, and this resulted in data gaps. Although these items represent data gaps, these data gaps are not considered to impact the EPs ability to identify RECs unless stated as such. Based on the information obtained during the course of this ESA and general knowledge of development at and near the Property, the absence of this information did not affect the ability of the EPs to identify RECs, HRECs, CRECs, or *de minimis* conditions.
Data Gaps from Interviews:	The current Property owner, GSI Virginia, was not available for an interview. The inability to interview the owner is a significant data gap.
Other Data Gaps:	None.

7.3 CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527 of the parcel located at 102 Greenway Avenue, Syracuse, New York,

Tax ID No. 032.1-01-25.0, the Property. Any exceptions to, or deletions from, this practice are described in the Data Gaps section of this report. This assessment has revealed the following evidence of RECs in connection with the Property:

- Two 42,000-gallon oil tanks and portions of two 12,000-gallon oil tanks were depicted on the Property in 1951 and 1953. Historical bulk storage of oil on the Property is a REC.
- The Property was listed as a collision shop in 1995. Auto repair shops typically use and store hazardous materials and petroleum products. The historical listing of a collision shop on the Property is a REC.
- Based on the historical aerial photographs, there was a structure on the Property from at least 1951 through 1995 that has since been demolished. There is the potential that LBP on the former structure may have resulted in LBP residues in surface soil at the Property. In addition, there is the potential for debris from demolition of the former structures to be buried on-site, and to contain wastes such as LBP and ACBMs, or other material that would have to be managed as solid waste if excavated during future construction activities.
- Soil/debris piles were observed on the western portion of the Property. The piles observed were mostly soil with lesser amounts of debris including asphalt, tires, and general waste (plastic bags, bottles, etc.). The source of the debris piles is not known. Given the historical industrial uses of the Property and adjacent properties and the unknown source(s) of these piles there is potential that they contain impacted materials and are a REC for the Property.
- A railroad track has abutted the southern Property line since at least the early 1900s until approximately the 1970s. Historical railroad lines have been found to be impacted by herbicides, metals, constituents of oil or fuel, creosote, coal ash and diesel exhaust. The proximity of the Property to the former railroad line is a REC.
- At the time of the site visit the Property was used by the City of Syracuse for temporary storage of C&D materials and waste tires. Two concrete block bunkers for waste storage were observed. According to records obtained from the NYSDEC there have been several violations associated with C&D being stored outside of the designated area and in one instance solid waste was cited as not being prevented from entering surface water and/or groundwater. Historical violations associated with management of waste outside the C&D bunker area and potential impacts to surface water and/or groundwater is a REC.
- At the time of the site visits both the 100 City Crossroads property and the subject Property were observed to be very muddy and surface soil was being tracked by trucks and heavy equipment across the two properties. Metals were reported in surface soil samples collected on the City Crossroads property above commercial soil cleanup objectives. Furthermore, there is potential that emissions from the historical adjacent foundry have resulted in PAH and metal impacts on the Property. The reported metal impacts in surface soils on the City Crossroads property and potential surface soil impacts from historical foundry emissions is a REC.

Evaluation

- Investigations were conducted on two NYSDEC remediation sites located immediately adjacent to the Property. VOC, PAH, and petroleum impacts have been documented on the Property. Furthermore, petroleum impacted soil, PAH and metal impacted soil, and diesel LNAPL have been identified immediately adjacent to and/or upgradient/cross-gradient of the subject Property. Based on the available records no remediation has occurred to date to address these impacts. The documented presence of impacts on the Property is a REC. Given the proximity of other reported impacts, these adjacent properties are also a REC.

One business environmental risk (BER) was identified for the Property:

- Peat deposits were identified on the Property and adjacent properties. Peat deposits often generate methane which can become problematic during site redevelopment or subsurface work. For this reason, the presence of peat is considered a BER.

It is recommended that a Phase II ESA also be conducted to further evaluate whether the identified RECs have impacted soil, groundwater, and potentially soil vapor at the Property.

8.0 NON-SCOPE CONSIDERATIONS

The scope of work completed was limited solely to those items in the ASTM E1527-13 standard. No ASTM E1527-13 non-scope services were performed as part of this Phase I ESA.

9.0 REFERENCES

American Society for Testing and Materials, 2015, Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, Designation E 2600-15.

American Society for Testing and Materials, 2013, Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process, Designation: E 1527-13, November 2013.

Arcadis, 2015, Site Characterization Report – Peter Winkelman Company, Syracuse, Onondaga County, New York, Site Number 734047, prepared for NYSDEC, January 2015.

Arcadis, 2016, Site Closeout Report – Peter Winkelman Company OU-1/OU-1A, Syracuse, Onondaga County, New York, Site Number 734047, prepared for NYSDEC, August 2016.

Beardsley Design Associates, 2008. Former Syracuse Rigging Property, Site Number B001467, prepared for Syracuse Industrial Development Agency, December 2008.

Cadwell and Muller, Surficial Geologic Map of New York, 1985.

C&S Engineers, 2018, Periodic Review Report Former Syracuse Rigging Property, Site Number B00146, prepared for Syracuse Industrial Development Agency, August 2018.

EDR, Aerial Photographs from 1938, 1951, 1959, 1966, 1978, 1986, 1988, 1995, 2006, 2009, 2013, 2017.

EDR, Certified Sanborn® Map Report, September, 2020.

EDR, City Directory Image Report, September, 2020.

EDR, Historical Topo Map Report with QuadMatch™, September, 2020.

EDR, The EDR Radius Map™ Report with GeoCheck®, September, 2020.

Fisher, Isachsen and Rickard, Geologic Map of New York, 1970.

NRCS Web Soil Survey < https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx > accessed September, 2020.

NYSDEC, 2000a, Remedial Investigation Report for the Peter Winkelman Co Site, Syracuse Onondaga County, Site Number 7-34-047, January 2000.

NYSDEC, 2000b, Record of Decision, Peter Winkelman Co Site, Syracuse Onondaga County, Site Number 7-34-047, March 2000.

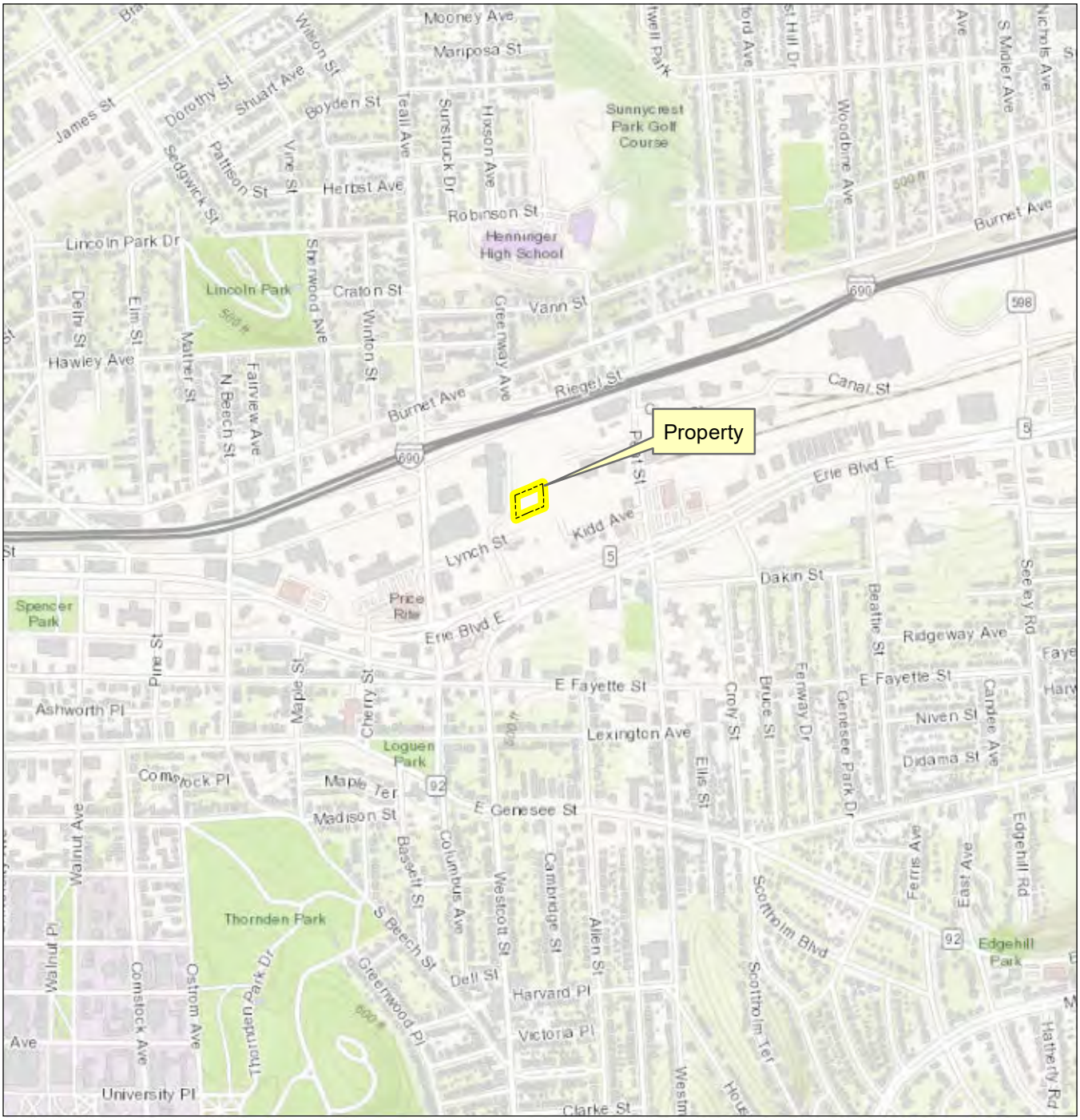
References

NYSDEC, 2012, Former Syracuse Rigging Property, Environmental Restoration Project, Syracuse, Onondaga County, Site Number B00146, March 2012.

Rails-to-Trails Conservancy (RTTC) 2004, Understanding Environmental Contaminants – Lessons Learned and Guidance to Keep Your Rail-Trail Project on Track.

United States Geological Survey, 7.5-Minute Series Topographic Syracuse West Quadrangles; and 15-Minute Series Topographic Syracuse East and Syracuse West Quadrangles, 2013.

FIGURES





Legend

Property Boundary

0 250 500 metres

(At original document size of 8.5x11)
1:20,000

N

Stantec

Notes

1. Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere

2. Data Sources:

3. Background: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

Project Location
Syracuse, NY
Onondaga County

Prepared by KN on 2020-11-12
TR by MS on 2020-11-12
IR Review by DH on 2020-11-12

Client/Project 190502013

Phase I Environmental Site Assessment
102 Greenway Avenue
Greater Syracuse Land Bank – EPA Brownfield Assessment

Figure No.
1

Title
Property Location

Disclaimer: This document has been prepared based on information provided by others as cited in the Notes section. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.

U:\190502013\05_report_deliv\dwgs_design\GIS_figures\mxd\Phase I ESA mxds\102 Greenway\Figure 1_site_location.mxd Revised: 2020-11-12 By: kpnelson



Stantec

Legend

- Property Boundary
- Parcels

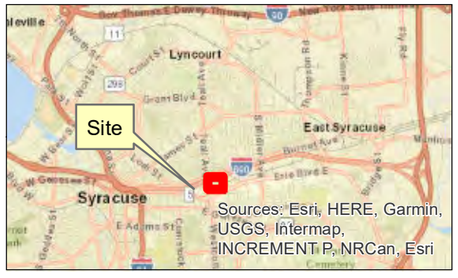
N

0 100 200 Feet

(At original document size of 11x17)
1:1,800

Notes

1. Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere
2. Locations Are Approximate
3. Background: Ortho Imagery 2018



Project Location
Syracuse , NY
Onondaga County

Prepared by KN on 2020-11-02
TR by BM on 2020-11-03
IR Review by MS on 2020-11-03

Client/Project
Phase I Environmental Site Assessment
102 Greenway Avenue
Greater Syracuse Land Bank – EPA Assessment Grant

Figure No.
2

Title
Property Vicinity Map

U:\190502013\05_report_deliv\dwgs_design\GIS_figures\mxd\Phase I ESA mxds\102 Greenway\Figure 2 - Property Vicinity.mxd Revised: 2020-11-10 By: kpnelson

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APPENDICES

Appendix A PHOTOGRAPHS OF THE PROPERTY AND VICINITY



Legend

Photo Location and Direction

Source
2018 Ortho Imagery

Stantec

10 Nov 2020

190502013

Figure A.1

Syracuse, New York

Stantec

Photographic Log

Client:	**Greater Syracuse Land Bank**	**Project:**	**190502013**
Site Name:	**102 Greenway Avenue**	**Site Location:**	**Syracuse, New York**

Photograph ID: 1

Photo Location:
102 Greenway Avenue

Direction:
West

Survey Date:
10/22/2020

Comments:
View of C&D Materials



Photograph ID: 2

Photo Location:
102 Greenway Avenue

Direction:
East

Survey Date:
10/22/2020

Comments:
View of Loading Ramp



Client:	**Greater Syracuse Land Bank**	**Project:**	**190502013**
Site Name:	**102 Greenway Avenue**	**Site Location:**	**Syracuse, New York**

Photograph ID: 3

Photo Location:
102 Greenway Avenue

Direction:
Northeast

Survey Date:
10/22/2020

Comments:
View of Waste Tires



Photograph ID: 4

Photo Location:
102 Greenway Avenue

Direction:
South

Survey Date:
10/22/2020

Comments:
View of Soil/Debris Pile



Client:	**Greater Syracuse Land Bank**	**Project:**	**190502013**
Site Name:	**102 Greenway Avenue**	**Site Location:**	**Syracuse, New York**

Photograph ID: 5

Photo Location:
102 Greenway Avenue

Direction:
Not Applicable

Survey Date:
10/22/2020

Comments:
Unidentified Container



Photograph ID: 6

Photo Location:
102 Greenway Avenue

Direction:
Not Applicable

Survey Date:
10/22/2020

Comments:
View of Soil/Debris Pile



Client:	**Greater Syracuse Land Bank**	**Project:**	**190502013**
Site Name:	**102 Greenway Avenue**	**Site Location:**	**Syracuse, New York**

Photograph ID: 7

Photo Location:
102 Greenway Avenue

Direction:
Northwest

Survey Date:
10/22/2020

Comments:
View of former Winkelman Site



Photograph ID: 8

Photo Location:
102 Greenway Avenue

Direction:
Southwest

Survey Date:
10/22/2020

Comments:
View of Substation



Stantec

Photographic Log

Client:	**Greater Syracuse Land Bank**	**Project:**	**190502013**
Site Name:	**102 Greenway Avenue**	**Site Location:**	**Syracuse, New York**

Photograph ID: 9

Photo Location:
102 Greenway Avenue

Direction:
East

Survey Date:
10/22/2020

Comments:
View of Monitoring Well and Drums on Adjacent Site



Appendix B STANTEC RESUMES

Katie Nelson

Environmental Scientist

Katie is an Environmental Scientist with degrees in Geology and Environmental Science. Her experience includes Phase I and II Environmental Site Assessments, Asbestos Sampling, GIS Mapping, and Brownfield Cleanup Program Site Investigation and Remediation. Katie was selected as a Board Member for the Rochester Environmental Commission as an Environmental Reviewer for the City of Rochester.

EDUCATION

Master of Science, Environmental Science, Rochester Institute of Technology, Rochester, New York, 2011

Bachelor of Science, Geology, Hobart and William Smith, Geneva, New York, 2009

40-Hour OSHA HAZWOPER Standard, 29 CFR 1910.120, Rochester, New York, 2011

REGISTRATIONS

Asbestos Inspector, New York State Department of Labor

Mold Assessment Consultant, New York State Department of Labor

Lead Inspector/Risk Assessor, United States Environmental Protection Agency

MEMBERSHIPS

Commissioner, Rochester Environmental Commission

Member, Women of Wastewater, New York Water Environment Association, Inc.

PROJECT EXPERIENCE

SITE MANAGEMENT & REMEDIATION

Former Alliance Metal Facility | Gates, New York

Served as the Field Team Leader for the remedial investigation at a state brownfield site. Ms. Nelson took sub slab soil vapor samples and indoor air samples, installed soil borings, bedrock wells and performed two rounds of groundwater sampling.

Asbestos Surveys | New York

Has performed several asbestos surveys within the state of New York including commercial buildings and at an academic institution.

Buckeye Rochester North Terminal | Rochester, New York

Assisted with groundwater sampling as part of a spill remediation program.

Waste Management, Mt Read Boulevard | Rochester, New York

Oversaw impacted soil excavation and received spill closure from the NYSDEC for a spill that was discovered while Waste Management was installing a new natural gas line at a fleet service facility.

Genesee Street Supplemental Phase II Environmental Site Assessment | Rochester, New York

Performed field work for a supplemental Phase II Environmental Site Assessment which involved soil sampling, bedrock coring, and groundwater sampling.

Phase I & II Environmental Site Assessment, Warrensburg Health Center | New York

Performed a Phase I Environmental Site Assessment and limited Phase II Environmental Site Assessment as part of the redevelopment of the Warrensburg Health Center.

Due Diligence, Industrial Properties | Various Locations, New York

Assisted in reviewing and compiling Phase I Environmental Site Assessments or Desktop reviews for seventeen properties in Northern New York State.

Phase I Environmental Site Assessments, Various Locations

Prepared Phase I ESA reports for various locations in New York, Pennsylvania and New Jersey.

Monroe Avenue Phase II Environmental Site Assessment

Performed a Phase II Environmental Site Assessment involving soil and groundwater sampling at this former woodworking facility.

Buell Automatics, Inc. Brownfield Cleanup Program | New York

Assisted with construction observation services during implementation of Interim Remedial Measures involving soil excavation and off-site disposal, in-situ groundwater treatment; underground injection program; soil and groundwater sampling; and the community air monitoring program.

Phase I Environmental Site Assessment 67 and 89 Canal Street | Rochester, New York | 2018

Performed Phase I ESA on former manufacturing facility in anticipation of entry into the Brownfield Program.

Brownfield Cleanup Program, Former Allegany Bitumens Asphalt Plant | Belmont, New York

Assisted with construction observation services during implementation of Interim Remedial Measures involving soil excavation and off-site disposal, in-situ groundwater treatment; soil and groundwater sampling; and the community air monitoring program.

Brownfield Cleanup Program, Ward Street Site | Rochester, New York

Performed groundwater sampling as port of on Enhanced Reductive Dechlorination program to treat residual groundwater impacts in-situ.

Victor Insulators | Victor, New York

Has performed and submitted reports for groundwater sampling at on active industrial landfills part of New York Permit 360 requirements for the past five years.

Phase I and II Environmental Site Assessment 40 Scattered Properties, Stadium Estates | Rochester, New York | 2016

Performed Phase I ESA for multiple residential properties located within the JOSANA neighborhood in Rochester NY. Assisted in installing test pits and soil borings as part of a Phase II ESA investigation.

Astoria Steel Site | Astoria, Queens, New York

Ms. Nelson served as the Field Team Leader for the Remedial Investigation of a former foundry site in the state Brownfield Cleanup Program and assisted in emergency cleanup measures on the site. Ms. Nelson oversaw the installations of soil borings, overburden monitoring wells, test pits, collected groundwater samples as part this investigation and conducted a hazardous building materials sampling program for PCBs.

Voluntary Cleanup Program, Rochester Tech Park | Gates, New York | Environmental Scientist

Coordinated and conducted Site Management Plan activities for Building 4 at the Rochester Tech Park. Site Management Plan activities include, observing any subsurface activity and performing community air monitoring as needed, semi-annual groundwater sampling, semi-annual monitoring of existing Sub-Slab Depressurization System and submitting an annual periodic review report to the New York State Department of Environmental Conservation.

Charlotte Phase I & II Environmental Site Assessment

Performed a Phase I Environmental Site Assessment at a label manufacturing facility in the Charlotte area in Rochester, NY. A follow up Phase II involved soil and groundwater sampling.

Rochester Genesee Transportation Authority

Performed soil and groundwater sampling at a bus garage facility.

Canandaigua Lake Front Property | Canandaigua, New York

Served as Field Team Leader for Remedial Investigation on the lake front property. Work included installation of soil boring, took surface soil samples, installed overburden wells and sampled groundwater as part of the remedial investigation of a state Brownfield Cleanup Program.

Hazardous Material Assessments, Various Bridge Projects | New York

Has performed numerous hazardous material assessments, including asbestos and lead paint sampling for bridges located throughout upstate New York.

ASSESSMENTS, PERMITTING, AND COMPLIANCE

Town of Brighton - SEQR Consultant | Brighton, New York

Assisted the Town of Brighton in reviewing a Draft Scope and Draft Environmental Impact Statement (DEIS).

National Grid | Various Locations, New York

Performs desktop reviews for proposed work on utility lines throughout New York State and prepares applicable permits for work in wetlands or near protected streams.

HEALTH, SAFETY & INDUSTRIAL HYGIENE

Cargill Salt | Ithaca, New York

Performed field work and analysis for a noise dosimetry survey and oil mist air monitoring.

Indoor Air Quality/Mold | Various Locations

Performed field work and analysis for several indoor air quality/mold investigations.

Particulate Monitoring | Various Industrial Locations

Performed field work and analysis for particulate monitoring at various industrial locations.

Cargill Salt | Ithaca, New York

Performed field work and analysis for a noise dosimetry survey and oil mist air monitoring.

RESEARCH / LABORATORIES

Woods Hole | Cape Cod, Massachusetts

Performed research on the process of nutrient enrichment in coastal waters and sediment.

PUBLICATIONS

Threat of predation alters the ability of benthic invertebrates to modify sediment biogeochemistry and benthic microalgal abundance. *Marine Ecology Progress Series, Vol. 494: 29-39*, 2013.

David Holmes PG

Senior Environmental Scientist/Associate

David has more than 30 years of professional consulting experience performing and managing environmental assessment, investigation, and cleanup projects and helping public and private sector clients to secure funding to implement these projects. David has worked on hundreds of brownfield sites on behalf of local government and developer clients throughout the US. He has exceptional experience securing state and federal grants to support brownfields redevelopment and habitat restoration projects (with more than 126 grants and $30 million in funding awarded to date).

EDUCATION

Master of Science Geology, University of Wisconsin, Milwaukee, Wisconsin, 1988

Bachelor of Science Geology, University of Wisconsin, Milwaukee, Wisconsin, 1984

Doctoral Program Coursework, Ongoing, University of Wisconsin, School of Freshwater Science, Mequon, Wisconsin, 2018

OSHA, Health & Safety for Hazardous Waste Operations, 40-hour, 2011

REGISTRATIONS

Professional Geologist #887-13, State of Wisconsin, First Issued 4/11/1996

PROJECT EXPERIENCE

BROWNFIELDS

St. Ann Center for Intergenerational Care, Bucyrus Campus Development | Milwaukee, Wisconsin

David is assisting St. Ann Center with environmental issues encountered on a 27 parcel brownfield site located in one of the poorest neighborhoods in Milwaukee. The property is being developed into a $25 million intergenerational care center that will employ more than 200 area residents. David assisted St. Ann Center in securing three state and USEPA brownfields cleanup grants totaling $550,000 to be used to complete cleanup at the site. The two USEPA cleanup grants were the first awarded to a not-for-profit entity in Wisconsin.

Redevelopment Projects at the Historic Pabst Brewery Complex | Milwaukee, Wisconsin | Funding Specialist

David assisted Blue Ribbon Management LLC in procuring funding and implementing cleanup activities in support of three redevelopment projects at the historic brewery complex (at one time, the world's largest brewery). The developments include a $12 million office building (completed in 2014), a $4 million microbrewery (marking the return of Pabst Brewing Co. to Milwaukee), and a $44 million student residence in the historic bottling plant (completed in 2016). David assisted with securing local, state, and federal funding for assessment, cleanup, abatement, and infrastructure improvements in association with these projects, as well as performing related environmental assessment and due diligence work.

White Stone Village Development, Fiduciary Real Estate Development and Cobalt Partners LLC | Menomonee Falls, Wisconsin

David is assisting two developer clients (Fiduciary Real Estate Development and Cobalt Partners LLC) with environmental assessment, funding, and cleanup of the former D&L Manufacturing property and adjoining parcels forming a 50-acre development site in suburban Milwaukee Assistance to date has included conducting Phase I and II ESAs, environmental site investigations, remedial planning, and oversight of approximately $2 million in cleanup at the site (which includes four former manufacturing facilities, a bulk fuel storage facility, and a former gas station). The site is one of the largest redevelopment sites in suburban Milwaukee, both in terms of its land area and the value of the expected development (>$120 million) which will include a Costco store, mid-box retail stores, a hotel, and approximately 340 market rate apartments. Assistance also included securing $500,000 and $250,000 State of Wisconsin brownfield grants to help offset environmental cleanup costs.

Site Revitalization Program Development | Washington County, Wisconsin

David is assisting Washington County in the development of a County-led Site Revitalization Program - a joint effort between the County Planning and Parks Department and the County's economic development agency. A goal for the program is to integrate the County's revitalization efforts focused on brownfields sites with the County's economic development and business retention /recruitment efforts, with a goal of maximizing the extent to which brownfields revitalization can effectively be linked to private investment and jobs creation. David served initially on an "economic toolbox" advisory committee for the County's lead economic development agency, one outcome of which was the successful application for a $600,000 USEPA Brownfields Assessment Grant awarded in 2014 to a County-led coalition that included five of the County's incorporated cities and villages. David is managing implementation of grant-funded activities which include a county-wide inventory of brownfield sites, community outreach, and assessment and/or reuse planning for up to 20 priority brownfields sites.

USEPA Assessment and Cleanup Grant Applications Assistance, Various Clients | Grant Writer

Since 2005, David has authored or coauthored more than 90 successful applications to the USEPA for brownfields assessment, cleanup, area-wide planning, and revolving loan fund grants totaling $19.1 million in funding. David has worked with local units of government (including cities, counties, and regional agencies) as well as non-profit organizations in 14 states (AK, CA, CO, FL, IL, IN, MN, ND, NY, OR, SC, UT, WA, and WI) in pursuing these grants. David has had significant success in working with first time grant applicants lacking previous experience in securing funding from USEPA. Including grants resulting from resubmittal, David's overall success rate exceeds 90%.

PECFA Site Investigations and Cleanup | Milwaukee County, Wisconsin | Project Manager

David assisted Milwaukee County with assessment, cleanup, and Petroleum Environmental Cleanup Fund Act (PECFA) reimbursement for approximately 30 LUST sites owned or operated by the County, including the Milwaukee County Zoo, bus maintenance facilities, numerous parks and other County-owned properties.

Stock Lumber Property Redevelopment* | Princeton, Wisconsin | Grant Writer/Project Manager

David assisted the City of Princeton with assessment, cleanup, and redevelopment of a 7-acre former lumber yard property adjacent to the City's downtown with industrial uses dating to the 1870s. David assisted the City in procuring both a $70,000 site assessment grant (SAG) from the Wisconsin DNR as well as a $137,000 Blight Elimination and Brownfields Redevelopment Grant from the WI Dept. of Commerce, and then implementing both grants.

USEPA Brownfield Grant Implementation | Various Locations, Wisconsin, Minnesota, Washington

Dave is assisting with all aspects of grant implementation including preparation of Quality Assurance Project Plans, preparation of eligibility determination requests, preparation of site-specific sampling and analysis plans, Site investigation reports and preparation of quarterly reports for 14 brownfields assessment grants awarded in Fiscal Years 2010-2013.

Brownfields Assessments - Waupun | Wisconsin

David assisted the City with Phase I and II ESAs on 12 parcels. The City wanted to evaluate the parcels for environmental concerns before acquiring the properties for redevelopment and/or entry into a brownfields program.

Various Redevelopment Projects* | Milwaukee, Wisconsin

David facilitated Wisconsin Department of Commerce grants for three properties in the Milwaukee metropolitan area. The grants ranged from $80,000 to $240,000, with each grant being critical to the project proceeding. The grants allowed for development of an apartment complex, a custard stand, and an industrial laundry cleaning facility.

City of Goshen Brownfields Program* | Goshen, Indiana | Project Manager

David was responsible for implementation of two U.S. EPA brownfields assessment grants, two U.S. EPA cleanup grants, and five State of Indiana brownfields grants targeting an historic industrial area located adjacent to the Elkhart River. David was the primary author for brownfield grants totaling more than $1.25 million. Work included Phase I and II ESAs, site investigation, and development of remedial action plans. U.S. EPA grant activities performed by David included preparation of initial site eligibility determination forms, a quality assurance project plan, site-specific sampling and analysis plans, and quarterly progress reports. Several firsts in the history of the U.S. EPA brownfield grant program were reportedly achieved on this project related to effective use of the assessment grants for leveraging subsequent cleanup grants.

** denotes projects completed with other firms*

Brownfields Program* | Elkhart County, Indiana | Lead Grant Writer/Project Manager

David was responsible for implementation of two USEPA brownfields assessment grants awarded to Elkhart County in 2006. David wrote the grant applications as well as applications for two additional assessment grants awarded by USEPA in 2009. As part of the brownfield inventory and prioritization task, a custom web-based geographic information system (GIS) computer application (the “e-Atlas”) that uses ESRI ArcGIS Server technology designed specifically for brownfields identification, management, and analysis of environmental information. As part of the inventory, records for 5,600 potential brownfield sites stored in several non-spatial databases were mapped in the County’s GIS and aligned with property parcels. In addition, more than 200,000 pages of paper inspection records collected for commercial and industrial properties throughout the County over 20 years as part of Groundwater Protection Program were indexed, scanned and linked into the County’s document management system (Laserfiche). The web based GIS interface allows users to interact with the information via the map, and to view, query, buffer, and link to additional content. The e-Atlas subsequently served as the model for a similar system known as “INSIT” or Indianapolis Site Inventory tool, developed by the City of Indianapolis which is also a web based GIS application that utilizes ArcGIS Server technology.

City of Milwaukee Multi-Year Environmental Assessment Contracts* | Milwaukee, Wisconsin

David was the project manager for three multi-year environmental services contracts with the City of Milwaukee during 1994 through 2005. As part of these contracts, David managed more than 50 environmental assessment or environmental cleanup projects involving more than 500 vacant, abandoned, or underutilized brownfield parcels throughout the City.

The sites assessed ranged from vacant former residential lots to landfills, abandoned historic manufacturing facilities, rail yards, gas stations, to a 5-1/2 block area of the City being targeted for commercial redevelopment. A majority of the projects were performed in conjunction with redevelopment of City-owned parcels by private developers, or sites targeted for acquisition by the City. A significant number of projects were performed in conjunction with USEPA or other state and federal grants. Milwaukee is noteworthy in having received more USEPA brownfields grants than any other local government in the U.S.

ENGINEERING GEOLOGY

Ozaukee County NOAA Grant Application Assistance | Wisconsin

David provided grant application assistance as part of a team that wrote the application for Ozaukee County’s 2009 grant from the National Oceanic and Atmospheric Administration. Stantec staff worked with the County and dozens of other project partners to coordinate the application, which resulted in the County being awarded a $4.7 million grant from the American Recovery and Reinvestment Act. The grant is one of only three awarded in the Great Lakes Region and is among 50 grants that were awarded from a pool of 841 applications. It is the 10th largest grant of the 50 and the only grant awarded in Wisconsin.

ENVIRONMENTAL SITE ASSESSMENTS PHASE I, II, III

City of Milwaukee Redevelopment Authority* | Milwaukee, Wisconsin

David managed Phase II environmental assessment activities on behalf of the Redevelopment Authority of the City of Milwaukee throughout an approximate 5-1/2 block area located within an inner city area of Milwaukee. The project site contained more than 300 parcels that were developed for a variety of commercial, industrial, and residential uses in the late 1800’s. Most of the project site was cleared in the 1960’s and 1970’s for a freeway project that was later abandoned. At the time of the assessment, the site consisted of more than 50 parcels with approximately 30 individual owners. Approximately 20 of the parcels contained buildings at the time of the assessment ranging in size from single family residences to four story commercial and multi-family residential buildings. Project activities included performance of a magnetometer survey and search for underground storage tanks (USTs) throughout all open areas of the site, performance of Phase II ESA soil and groundwater sampling on 20 parcels, excavation of test pits at approximately 50 suspected UST locations, performance of asbestos and pre-demolition surveys for seven commercial buildings.

City of Milwaukee Redevelopment – Environmental Assessment Activities* | Milwaukee, Wisconsin | Project Manager

David was responsible for environmental assessment activities conducted on behalf of the City of Milwaukee for an approximate 2-1/2 block vacant inner city area. The site historically contained more than 80 commercial, industrial, and residential parcels with development dating to the 1880s. Historic land uses at the property included junk yard, chemical manufacturing, auto repair, paint mixing, car washes, miscellaneous commercial land uses, and residential. The project scope of work included performance of a Phase I ESA for the site as a whole, performance of a magnetometer survey and search for UST's throughout open areas of the property, performance of Phase II soil and groundwater sampling at 10 parcels with historic land uses of environmental concern, performance of additional soil and groundwater testing necessary to fully define the nature and extent of impacts, evaluation of remedial alternatives, and development of a remedial action plan.

ENVIRONMENTAL SITE REMEDIATION

Industrial Facility Remediation | Illinois | Project Manager

David was responsible for remediation of lead and petroleum impacts at four separate focus areas at a 106-acre industrial facility located in Illinois. Remedial activities included removal of approximately 5,000 tons of lead-impacted soil. An additional 1200 tons of lead-impacted soil was removed from a drainage swale area located in a separate portion of the property. Petroleum impacted soil was excavated from two additional areas. Worked was performed under the Site Remediation Program (SRP).

** denotes projects completed with other firms*

Michael Storonsky

Senior Environmental Scientist and Managing

Principal

Mr. Storonsky has 39 years of environmental experience, working for more than 36 years in the consulting field. Mr. Storonsky began his career working at the New York State Department of Environmental Conservation (NYSDEC). Mr. Storonsky is the Managing Leader for Stantec's Tri-State Environmental Services Business Center, overseeing a 28-person team of environmental engineers, geologists, hydrogeologists, and environmental scientists. For more than 30 years, Mr. Storonsky has been involved with the investigation and remediation of contaminated sites in New York State subject to regulation or oversight by the NYSDEC, the New York State Department of Health and/or the US Environmental Protection Agency. He regularly works with clients, regulators, and other involved parties to determine the extent of required investigations and manages those investigations. He subsequently works with clients and the agencies to determine the necessary remedial measures and oversees the implementation of those remedies.

EDUCATION

Bachelor of Science, Wildlife Biology, SUNY College of Environmental Science and Forestry, Syracuse, New York, 1979

Associate in Applied Science, Fish and Wildlife Technology, SUNY Agricultural and Technical College, Cobleskill, New York, 1976

CERTIFICATIONS & TRAINING

OSHA 40-hr Hazardous Waste Operations Health & Safety Training, Rochester, New York, 1984

OSHA 8-hour Hazardous Waste Operations Health & Safety Training Refreshers, Rochester, New York, 2019

OSHA 10 Hour Construction Outreach, Rochester, New York, 2010

OSHA Lead Standard, Troy, New York, 1995

Hazardous Materials Training, Troy, New York, 1995

OSHA 8-hour Hazardous Waste Operations Supervisor Training, Rochester, New York, 2016

MEMBERSHIPS

Board of Directors, Center for Environmental Information

President, Rochester Committee for Scientific Information

PROJECT EXPERIENCE

ENVIRONMENTAL SITE MANAGEMENT

Petroleum UST Removal, Senior Care Facility | Rochester, New York | Project Manager

Managed the removal of an abandoned fuel oil tank and contaminated soil at an active senior care facility.

PCB Contaminant Testing* | Hudson River, New York | Wildlife Technician

Responsible for the collection and preparation of fisheries samples from the Hudson River for PCB contaminant testing relating to the General Electric NPL Superfund site.

Petroleum Spill Site Inactivation Evaluation | Rochester, New York | Project Manager

Prepared a petroleum spill site inactivation evaluation, without performing any remedial measures, resulting in successful inactivation of a NYSDEC spill file saving the customer an estimated $100,000 in cleanup costs.

Nursing Home Facility, Phase I/II ESAs and Abatement of Boiler Room Asbestos | Bath, New York | Project Manager

Managed Phase I/II ESA's and preparation of design specifications for the abatement of boiler room asbestos at a nursing home facility.

Voluntary Cleanup Agreement, Two Former Industrial Facilities | Big Flats, New York | Project Manager

Managed the Remedial Investigation, preparation of work plans, building demolition, and successful cleanup of two former industrial facilities with PCB and metals soil and groundwater contamination pursuant to the first Voluntary Cleanup Agreement completed in New York State allowing construction of a big box hardware store.

Frontier Communications | Rochester, New York | Project Manager

Managed a hazardous materials compliance audit for 80 buildings and several subsequent site assessment and remedial engineering design projects.

Asbestos Survey | Rochester, New York | Project Manager

Managed an asbestos survey of the 500,000 ft² multi-story Midtown Plaza commercial office building.

Voluntary Cleanup Agreement, Former Railroad Yard | Buffalo, New York | Project Manager

Managed a fast track Brownfield site investigation, remedial alternatives evaluation, work plan preparation, agency negotiations, and successful remediation at a former railroad yard in NYSDEC where inactive underground storage tanks and associated petroleum contaminated soils were removed.

** denotes projects completed with other firms*

Voluntary Cleanup Agreement, Service Station | Medina, New York | Project Manager

Managed the investigations, evaluation of remedial alternatives, preparation of work plans, agency negotiations, risk assessment, and remediation of soil and groundwater contamination at an abandoned gasoline service station pursuant to a Voluntary Cleanup Agreement.

Voluntary Cleanup Agreement, Former Dry Cleaning Facility | Rotterdam, New York | 1997 | Project Manager

Managed the remedial investigation, feasibility study, design, construction oversight, and operation and monitoring of an air sparging/soil vapor extraction system that successfully cleaned up contaminated soil and groundwater to concentrations below applicable standards beneath a former dry cleaning facility within one year on behalf of the nation's largest retail chain.

Voluntary Cleanup Agreement, FLLC Groundwater Remediation System | Geneva, New York | 2009 | Project Manager

Managed the Remedial Investigation, Alternatives Analysis, design, construction and monitoring at a former dry cleaner involving the installation of a zero valent iron permeable reactive barrier to passively treat contaminated groundwater.

Environmental Restoration Program Brownfield Site Cleanup, Former Industrial Facility | Buffalo, New York | Project Manager

Managed the remedial design, construction bid documents, construction management services and preparation of the final engineering report for NYSDEC on behalf of the City of Buffalo. The clean-up involved the removal and disposal of approximately 2,600 tons of petroleum impacted soils and miscellaneous surface debris a former industrial facility resulting in indemnification from NYSDEC and the ability of the client to sell the property to an adjoining business.

Voluntary Cleanup Agreement, Former Chemical Distribution Facility | Rochester, New York | Project Manager

Managed the investigation of a former chemical distribution facility which identified soil and groundwater contamination and recommended a two phase soil vapor and groundwater extraction system which was installed by NYSDEC.

Former Gasoline Service Station Site Investigation and Cleanup | Henrietta, New York | Project Manager

Managed the investigation, design and cleanup of a former gasoline service station involving the excavation and disposal of approximately 4,300 tons of petroleum impacted soil. Use of petroleum fingerprinting techniques allowed the owner to recoup the majority of the cleanup costs from the prior owner.

Petroleum Impacted Site Investigation | Rochester, New York | Project Manager

Managed the investigation of a petroleum-impacted site, which underwent successful negotiations regarding a Voluntary Cleanup Agreement with New York State.

Hydrogeologic Investigation & Industrial Wastewater Treatment Consent Order | Bolivar, New York | Project Manager

Managed a hydrogeologic investigation, a remedial program involving closure of lagoons with soil and groundwater impacts, and the design and construction of an industrial wastewater treatment plant under the terms and conditions of a Consent Order with NYSDEC.

IHWDS Remedial System OM&M, Manufacturing Facility | Ithaca, New York | Project Manager

Managed a multi-year operation, maintenance and monitoring program for a two-phase vacuum extraction system designed to remediate bedrock groundwater impacts at a NYSDEC Inactive Hazardous Waste Disposal Site.

Phase I Environmental Site Assessments | Multiple Locations | Project Manager

Managed fast-track Phase I Environmental Site Assessments of 2.5 million sq. ft. of manufacturing and distribution space involving ten facilities, located in multiple states and countries, with some operations dating back to the civil war.

Phase II Environmental Site Assessment, Former Manufacturing Facility | Henrietta, New York | Project Manager

Responsible for the soil and groundwater characterization of impacts from a former nickel plating manufacturing facility. Included installation of borings, monitoring wells, analytical sampling, report generation and a remedial cost estimate.

Phase I and Phase II ESAs and Petroleum Cleanup Program | Chili, New York | Project Manager

Managed Phase I and Phase II ESAs, Tank Removal, and Preparation and Implementation of DEC Approval Corrective Action Plan, involving excavation and treatment of 2,200 cubic yards of petroleum impacted soil in an ex-situ bioremediation cell, OM&M activities, and monitored natural attenuation of groundwater impacts. The remedial measures successfully treated the site impacts and a NYSDEC spill file closure letter was obtained.

Phase II ESA and Petroleum Cleanup Program | Scottsville, New York | Project Manager

Managed a Phase II ESA, tank removal, impacted soil removal, application of ORC groundwater treatment and groundwater monitoring program of a former gas station site that was redeveloped with a bank. The remedial measures successfully addressed the site impacts and a NYSDEC spill file closure letter was obtained.

** denotes projects completed with other firms*

EPA Brownfield Investigations | Elmira, New York | Project Manager

Managed EPA Brownfield Phase I and II Investigations for the City of Elmira involving a two-mile long railroad spur which travels through the heart of the city and was proposed to be redeveloped for both commercial purposes and as a recreation trail. The Phase II ESA identified a range of impacts to soil and/or groundwater. Soil sampling allowed for the reuse of 7,000 cubic meters of soil/cinders for fill on a NYSDOT site.

Petroleum Groundwater Pump and Treatment System | Massena, New York | Project Manager

Managed Phase II ESA, remedial design and installation of a groundwater pump and treatment system for BTEX contaminated groundwater. System included surfactant application, installation and operation of a pneumatic bladder pump with granular activated carbon treatment and discharge via permit to a storm sewer.

Stewart Terrace | New Windsor, New York | Environmental Program Coordinator

Managed the preparation of Phase I ESA, Phase II ESA, and Environmental Management Plans for asbestos containing materials, lead based paint, mercury-containing equipment, polychlorinated biphenyl-containing light fixtures, hazardous & universal waste, miscellaneous hazardous and toxic substances, pesticides in soil, and mold. Also responsible for asbestos abatement and hazardous material building abatement specifications. This work was performed for a 299-unit military housing subdivision.

Building 606, USMA | West Point, New York | Environmental Program Coordinator

Responsible for completion of an asbestos pre-demolition survey of this historic, 90-year-old, 125,000 ft² masonry multi-use facility. He was responsible for preparing asbestos survey reports and detailed asbestos abatement specifications and drawings.

Brownfield Cleanup Agreement, Former Industrial Facility | Henrietta, New York | Project Manager

Managed the Remedial Investigation at this 167,000 sq. ft. former manufacturing facility which also involved Building Demolition and related Remedial Oversight.

Brownfield Site Investigation, Former Laundry and Machine Shop | Rochester, New York | Project Manager

Managed the Remedial Investigation, Feasibility Study, Remedial Design and Remedial Construction at this former laundry and machine shop resulting in receipt of a Certificate of Completion from NYSDEC. Annual groundwater monitoring is ongoing. Construction 2006, 2008, 2017.

Petroleum Investigation and Cleanup, 1650 Elmwood Avenue | Brighton, New York | Project Manager

Managed the investigation and cleanup of a former gas station to facilitate redevelopment of the site as a drug store to obtain inactivation of a DEC petroleum spill file.

Voluntary Cleanup Agreement, Gonsenhauser Farm | Brighton, New York | Project Manager

Managed site investigations, remedial design, remedial construction involving removal of 4,000 tons of impacted soil, and a groundwater monitoring program to address impacts from leaking underground storage tanks which resulted in successful cleanup of the site including restoring groundwater to pre-release conditions and the subsequent removal of the property from the Voluntary Cleanup Program. The site has been successfully transformed into a public park.

Brownfield Cleanup Program, Ward Street Site | Rochester, New York, United States | 2009 | Project Manager

Managed a Phase II Environmental Site Assessment, Remedial Investigation/Alternatives Analysis/Remedial Design/Remedial Construction for an active manufacturing facility to assess and remediate solvent and petroleum soil and groundwater contamination pursuant to a Brownfield Cleanup Agreement. The project included closure of nine underground storage tanks, a multi-phase vacuum extraction system pilot study, and full scale design, construction and operations, monitoring and maintenance of a 50 hp multi-phase vacuum extraction system. A certificate of completion was obtained allowing the company to renovate their facilities and purchase new equipment. Following discontinuation of the MPVE system operation, a sub-slab depressurization system was activated and an enhanced reductive dechlorination program was implemented. The in-situ groundwater remedial polishing phase successfully reduced residual groundwater impacts.

EPA Brownfield Cleanup, 151-191 Mt. Hope Avenue | Rochester, New York | Project Manager

Managed the implementation of a Corrective Action Plan for the City of Rochester at an EPA-funded city park site that formerly housed three gas stations. This 4,500-ton petroleum impacted soil cleanup program and subsequent groundwater monitoring resulted in spill file closure. Excavation adjacent to a high-rise apartment building was performed without incident and a storm sewer was temporarily rerouted and restored to allow for excavation of contaminated soil.

Brownfield Cleanup, Former Davidson Collision | Rochester, New York | Project Manager

Managed the Remedial Investigation, Remedial Design, Remedial Construction, and Groundwater Monitoring Program for this NYS Brownfield Site at a former auto repair facility formerly listed on the State Superfund Registry which resulted in the City of Rochester receiving a Certificate of Completion from NYSDEC. Follow-up monitoring demonstrated groundwater at the site had dropped below groundwater standards within six months of completing the excavation program.

Environmental Restoration Program Brownfield Site Investigation, Cleanup & Redevelopment, Newcroft Park Subdivision | Rochester, New York | 2005 | Project Manager

Managed a $4-million Brownfields Site investigation and cleanup involving a Remedial Investigation, Feasibility Study, Interim Remedial Measures, Design Phase Investigation, Remedial Design, and Remedial Construction. Remedial activities involved disposal of 26,000+ cu. yd. of contaminated materials; proper closure of 13 petroleum storage tanks; installation of an oxygen injection system to treat two petroleum contaminated groundwater plumes extending onto adjoining residential backyards; construction and operation, monitoring and maintenance of a 5,200 cu. yd. ex-situ bioremediation cell to treat petroleum-contaminated soil; and design of a 27-unit single-family residential market rate subdivision. The project won one local award and two state awards for environmental engineering excellence from the American Public Works Association and the American Council of Engineering Consultants.

Environmental Restoration Program Brownfield, Olean Street Revitalization Project | Rochester, New York | Project Manager

Managed the Phase I and Phase II ESAs, and Remedial Investigation and Alternatives Analysis Report for the City of Rochester to facilitate the development of a single-family residential subdivision pursuant to NYSDEC Environmental Restoration Program Brownfield guidelines.

Genesee Marina, Phase I/II ESAs, Geotechnical Investigation & Wetland Delineation | Rochester, New York | Project Manager

Managed Phase I and Phase II Environmental Site Assessments, preparation of opinions of probable environmental remedial costs, geotechnical investigation and a wetlands delineation of a 29-acre marina located one mile upstream from the Port of Rochester.

Brooks Landing, Phase I/II ESAs, Corrective Actions, Site Management & Sub-Slab Depressurization | Rochester, New York, United States | Project Manager

Managed Site Investigations, Preparation, and Implementation of Corrective Action Plans including removal and off-site disposal of impacted soil, in-situ reductive dechlorination, a Soil and Groundwater Management Plan, and design and installation and monitoring of two sub-slab depressurization systems. This work allowed this impacted riverfront property, containing a former canal, rail line and gas station, to be successfully redeveloped with a hotel and an 11 story apartment building.

Corn Hill Landing, Site Investigations, Corrective Actions, & Site Management | Rochester, New York | Project Manager

Managed Site Investigations, and Preparation and Implementation of Corrective Action Plans and a Site Management Plan to address hazardous waste lead-impacted soil from a former lead works facility, petroleum impacted soil from a former leaking underground tank, and metals and polycyclic aromatic hydrocarbon impacted urban fill. This work allowed the riverfront, former railroad yard to be successfully redeveloped into a $20 million mixed residential-retail complex.

Platinum Group, Phase I/II/III ESAs | Rochester, New York | Project Manager

Managed Phase I ESA, Phase II ESA, and petroleum spill file closure involving four buildings covering most of a city block in downtown Rochester.

Phase I and II Environmental Site Assessments | Multiple Locations | Project Manager

Coordinated, implemented, and/or managed more than 3,000 Phase I and Phase II environmental site assessments.

1099 Jay Street, IAQ/Mold/HVAC Investigation | Rochester, New York | Project Manager

Managed the investigation of indoor air quality, mold and HVAC concerns at a RPD leased facility.

Brownfield Cleanup Program, Astoria Steel | Astoria, Queens, New York | 2014-Present | Project Manager

Managing the Remedial Investigation, PCB Site Characterization, implementation of Emergency Measures, and preparation of the associated work plans and reports for this NYS Brownfield Site. Construction scheduled for 2018-2019.

EPA Brownfield Investigation, 920 Exchange Street | Rochester, New York | Project Manager

Managed Phase I and Phase II Investigations of a portion of the former Vacuum Oil refinery for the City of Rochester using an EPA Brownfield grant.

Petroleum Spill Case Expert Witness | Bristol, New York | Project Manager

Provided expert witness support for a claim by a homeowner regarding a petroleum spill at their primary residence.

Residual Pesticide Fill Case Expert Witness | Parma, New York | Project Manager

Provided expert witness support to a municipality in defense of a claim by a resident regarding fill originating from a former orchard.

Aggregate Facility Phase I ESAs | Various Locations, New York | Project Manager

Managed fast-track Phase I ESAs and desktop reviews for a pool of 17 properties, involving asphalt and concrete plants and quarries, to prepare them for a proposed sale.

** denotes projects completed with other firms*

Queenston-Lewiston Plaza – Phase I/II ESA | Lewiston, New York | Environmental Program Coordinator

Responsible for the preparation of Phase I and Phase II environmental investigations of the Queenston-Lewiston Plaza involving PCBs, investigation of former underground storage tank locations and septic systems serving a maintenance garage, sampling of maintenance floor drain wastes, and sampling of stockpiled materials.

Voluntary Cleanup Program, Sub-Slab Depressurization Systems (SSDS) | Gates, New York | Project Manager

Managed the design, construction administration, and operations, monitoring and maintenance of three sub-slab depressurization systems that have successfully mitigated soil vapor intrusion at a 600,000 sq. ft. former industrial facility as an Interim Remedial Measure. The IRM served as the final remedial measure for the site. Operations, monitoring and maintenance are ongoing.

Vacuum Oil, Phase I ESAs | Rochester, New York | Project Manager

Managed Phase I ESAs of two parcels comprising important portions of a one of the country's oldest former oil refineries.

Brownfield Cleanup Program, Buell Automatics | Rochester, New York | Project Manager

Managed the remedial investigation of an active manufacturing facility involving TCE groundwater contamination pursuant to a Brownfields Cleanup Agreement. On-site and off-site investigations included soil, groundwater, and sub-slab soil vapor surveys to investigate the TCE plume. An interim remedial measure involving the removal of grossly-impacted soils from beneath the building was performed during a holiday shutdown period. A Remedial Work Plan was approved and a soil vapor extraction system was installed, an exterior soil excavation was conducted, an Enhanced Reductive Dechlorination program was implemented, and a Certificate of Completion was received. Semi-annual groundwater monitoring is ongoing. Construction 2003-2004, 2011-2015.

NYS IHWDS Site Investigation and Delisting | Rochester, New York | Project Manager

Managed a NYSDEC Phase II investigation at an apartment complex constructed on the site of a former municipal incinerator ash landfill. Following the completion of the investigation, successfully submitted a petition for de-listing of the site from New York State's Inactive Hazardous Waste Disposal Sites list.

Solvent Spill Cleanup | Brighton, New York | Project Manager

Managed emergency response, remedial investigations, design and OM&M of a soil vapor extraction and groundwater collection and treatment system for an 800 gallon Stoddard solvent spill resulting in spill file closure.

Rochester City School District Underground Storage Tank Removal | Rochester, New York | Project Manager

Developed an investigation, testing, clean up and removal program for 35 underground petroleum and fuel oil storage tanks at 23 facilities owned by the Rochester City School District.

Closure of Five RCRA Hazardous Waste Storage Facilities | Corning, New York | Project Manager

Managed the preparation and successful implementation of closure plans for five RCRA hazardous waste storage facilities.

NYS IHWDS Site, Storm Sewer Installation | Syracuse, New York | Project Manager

Managed the installation of a storm sewer within an impacted New York State listed inactive hazardous waste disposal site.

Fast Track Phase I ESAs | Various Locations, New York | Project Manager

Managed fast-track Phase I ESAs for a pool of 34 properties, involving shopping malls totaling 22 million ft² of building space and proposed mall sites, to prepare them for a proposed sale anticipated to gross between $2-4 billion.

Friable Asbestos Survey | Elmira, New York | Project Manager

Managed a friable asbestos survey of a regional office building to assess spray-on fireproofing and provide recommendations for long-term management and short-term HVAC maintenance.

NPL Remedial Investigation, Marathon Battery* | Foundry Cove, New York | Environmental Scientist

Assisted in the development, implementation, evaluation and report preparation for the $600,000 NYSDEC/USEPA Superfund Remedial Investigation at the cadmium and nickel contaminated Foundry Cove Site on the Hudson River. Responsible for collection, analysis and interpretation of sediment, surface water, aquatic vegetation, and aquatic wildlife samples and the resultant data which were used for the evaluation, development, and implementation of the selected remedial alternative.

Brownfield Cleanup Program, Former Allegany Bitumens Asphalt Plant | Belmont, New York, United States | Project Manager

Managed the Remedial Investigation and Interim Remedial Measures for a Brownfield Cleanup Program site requiring excavation of a TCE source area, in-situ treatment of the associated groundwater plume which extended off-site, excavation of a large area containing fuel oil product in soil and in-situ treatment of the associated groundwater impacts resulting in issuance of a Certificate of Completion. Groundwater monitoring in the petroleum impact area and within the TCE plume was discontinued after one year of results were below groundwater standards.

** denotes projects completed with other firms*

EPA Brownfield Investigation, 540 Jefferson Avenue | Rochester, New York | Project Manager

Managing the Phase II Investigation of this former gas station and auto repair garage for the City of Rochester using an EPA Brownfield grant.

Brownfield Cleanup Program, Rochester City School District, 609 Saint Paul Street | Rochester, New York | Project Manager

Provided third party oversight on behalf of the Rochester City School District for the landlord's expedited soil removal program and installation of a sub-slab depressurization system necessary to address soil vapor intrusion and allow a swing school facility to open. Provided comments on an Interim Remedial Measures Work Plan prepared by the owner's representative.

Brownfield Cleanup Program, Lighthouse Pointe | Rochester, New York | Project Manager

Managed the review of current and historic maps, air photos, reports, the Remedial Investigation work plan, and geo-referenced historic filling maps related to the proposed investigation and redevelopment of this NYS Brownfield Site.

Petroleum Spill Case Expert Witness | Buffalo, New York | Project Manager

Provided expert witness support for a claim by a developer regarding impacts from a former adjacent gas station.

Brownfield Cleanup, Former Carriage Factory | Rochester, New York, United States | Project Manager

Managed the Remedial Investigation, Interim Remedial Measures and Construction Monitoring for a ca. 1900 manufacturing site which was developed into a special-needs residential facility. 8,500 tons of petroleum, TCE, PCE and heavy metal impacted soil was properly removed and disposed. A Liquid Boot vapor barrier was installed with Geovent to create a sub-slab depressurization system to prevent vapors from entering the building, and groundwater treatment piping was installed for application of a sodium lactate solution beneath the building to treat TCE and PCE impacts using enhanced reductive dechlorination. A certificate of completion was obtained from NYSDEC in December 2014 pursuant to a Brownfield Cleanup Agreement. Semi-annual groundwater monitoring is ongoing. Construction 2012-2014.

Brownfield Cleanup, 937 Genesee Street | Rochester, New York | Project Manager

Managed the investigation and cleanup of this former auto garage and dry cleaning facility that contains petroleum impacted soil and groundwater using an EPA Brownfield Grant. Post remedial groundwater monitoring shows results below groundwater standards.

BORDER CROSSINGS

Detroit-Windsor Tunnel Plaza

Responsible for the preparation of Phase I Environmental Site Assessments for both the US and Canadian Detroit-Windsor Tunnel Plaza which provided recommendations regarding historic underground storage tanks; vehicle maintenance facilities; transformers oil disposal; maintenance of oil-water separators, floor drains and sumps; suspect asbestos containing building materials; and suspect lead-based paint.

PRESENTATIONS

From carriages to apartments: brownfields can benefit the community. *The Breckenridge Forum*, 2017.

Property Redevelopment and Hazardous Materials Assessment: Principals and Application. *Air and Waste Management/New York Water Environment Association 18th Annual Joint Seminar*, 2015.

Carriage Factory Brownfield Site - Redevelopment Lessons to Learn. *Rochester Engineering Society, Engineering Symposium in Rochester*, 2017.

** denotes projects completed with other firms*

Appendix C USER PROVIDED RECORDS

PHASE I ESA USER'S QUESTIONNAIRE

In order to qualify for protection from land owner liability under CERCLA as an *innocent landowner, bona fide prospective purchaser,* or *contiguous property owner*, ASTM standard practice E1527-13 and the federal AAI rule (40 CFR 312) require that the User of the Phase I ESA report provide certain information (if available) to the Environmental Professional completing the assessment. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete. Information that is not or cannot be provided to the Environmental Professional may be identified as a "data gap" in the Phase I ESA report.

Please answer the following questions as completely as possible. Attach additional pages as needed. Return the completed questionnaire to Stantec along with the executed Authorization for Services form.

1. Property Information

Property Name: commonly known as part of the Winkleman site

Property Address: 102 Greenway Ave

City: Syracuse State: NY Zip: 13210

Property Owner Name: GSI of Virginia Inc

Property Owner Phone #: Unknown (believed to be defunct/out of business)

2. Key Site Manager

This should be an individual with good knowledge of the uses and physical characteristics of the property, and the processes or activities currently conducted at the property. Often this will be the property manager, chief physical plant supervisor, or head maintenance person.

Name:

Company/Organization/Title: n/a - adjacent to a site used by City of Syracuse DPW, but this site is abandoned

Phone #

E-Mail Address:

3. Contact For Site Access (*if different from Key Site Manager)*

Name: Tom Ely

Company/Organization/Title: Syracuse DPW (to access via their property)

Phone # 315-552-7643

E-Mail Address:

4. Environmental Cleanup Liens. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

	Yes (describe or attach details of the lien)
x	No

5. Activity and Land Use Limitations. Are you aware of any activity and use limitations, such as engineering controls, land use restrictions, or institutional controls that are in place at the property and/or have been filed or recorded as applicable to the property as a result of environmental contamination, investigation, cleanup, or related matters?

_____	Yes (describe or attach details of the limitations)	_____
x	No	

6. Specialized Knowledge or Experience. As the User of this ESA, do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property, such that you would have specialized knowledge about chemicals and processes used by this type of business?

_____	Yes (describe or attach details of your specialized knowledge or experience)	_____
x	No	

7. Relationship of Purchase Price to Fair Market Value of Property. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, do you have any reason to believe that the reduced purchase price may be related to contamination known or believed to be present at the property?

_____	Yes, I have reason to believe that the purchase price for the property has been reduced in comparison with the fair market value due to contamination known or believed to be present at the property.
x	No, I have no reason to believe that the purchase price for the property has been reduced in comparison with the fair market value due to contamination known or believed to be present at the property.
_____	Not applicable. User is not involved in a purchase or sale of the property.

8. Commonly Known or Reasonably Ascertainable Information. Are you aware of commonly known or reasonably ascertainable information about the property that would help the Environmental Professional to identify conditions indicative of releases or threatened releases of hazardous substances or petroleum products? For example:

Do you know the past uses of the property?

_____	Yes (describe)	_____
x	No	

Do you know of chemicals, hazardous substances or petroleum products that are present or once were present at the property?

_____	Yes (describe)	_____
x	No	

Do you know of spills or other releases of chemicals, hazardous substances or petroleum products that have taken place at the property?

	Yes (describe)	
x	No	

Do you know of any environmental cleanups that have taken place at the property?

	Yes (describe)	
x	No	

9. The Degree of Obviousness of Contamination. E1527-05 and the federal AAI rule (40 CFR 312.31) require that the Phase I ESA consider the degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation. Based on your knowledge and experience related to the property, are there any *obvious* indictors that point to the presence or likely presence of contamination at the property?

	Yes (describe)	
x	No	

10. Availability of Previous Environmental Reports. Are you aware of previous environmental site assessment reports, other environmental reports, documents, correspondence, etc. concerning the property and its environmental condition?

	Yes (please identify and provide copies, if available)	
x	No	However, we have a Phase I completed in Jan 2020 on 101-13 Greenway next door.

Signature:	Katelyn Wright
Name (printed):	Katelyn Wright
Company:	Greater Syracuse Property Development Corp (DBA Greater Syracuse Land Bank)
Title:	Executive Director
Date:	11/4/2020

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Abandoned Industrial Facility / Former Winkelman Property

Onondaga County Tax ID # 032.1-01-26.0

101-13 Greenway Avenue
City of Syracuse, Onondaga County, New York

Prepared by:

Asbestos & Environmental Consulting Corporation
6308 Fly Road
East Syracuse, New York 13057
(315) 432-9400

Prepared for:

Environmental Design & Research, Landscape Architecture,
Engineering, & Environmental Services, D.P.C.
217 Montgomery Street, Suite 1000
Syracuse, New York 13202

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COMMON ACRONYMS AND ABBREVIATIONS

AAI – All Appropriate Inquiries
ACM – Asbestos-Containing Material
AECC – Asbestos & Environmental Consulting Corporation
AST – Aboveground Storage Tank
ASTM – American Society for Testing Materials International
BER – Business Environmental Risk
bgs – Below Ground Surface
CERCLA – Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS - Comprehensive Environmental Response, Compensation and Liability Information System
CESQG – Conditionally Exempt Small Quantity Generator
CFR – Code of Federal Regulations
CP-51 – (NYSDEC) Commissioner's Policy #51 (Soil Cleanup Guidance)
CREC – Controlled Recognized Environmental Condition
EDR – Environmental Design & Research…D.P.C. (Company)
ESA – Environmental Site Assessment
FOIA/FOIL – Freedom of Information Act/Law
GIS – Geographic Information Systems
GWS – Groundwater Standard
HREC – Historical Recognized Environmental Condition
LBP – Lead-Based Paint
LQG – Large Quantity Generator
N/A – Not Applicable
NRCS – Natural Resource Conservation Service
NYSDEC – New York State Department of Environmental Conservation
PAH – Polycyclic Aromatic Hydrocarbons
PCB – Poly-Chlorinated Biphenyl
pCi/L – Picocuries per Liter
PFAS - Per- and Polyfluoroalkyl Substances
ppb – Parts Per Billion
ppm – Parts Per Million
RCRA – Resource Conservation and Recovery Act
REC – Recognized Environmental Condition
RSCO – Restricted Soil Cleanup Objective
SCO – Soil Cleanup Objective
SQG – Small Quantity Generator
SVOC – Semi-Volatile Organic Compound
TOGS – Technical & Operational Guidance Series 1.1.1 (NYSDEC)
USDA – United States Department of Agriculture
USEPA – United States Environmental Protection Agency
USGS – United States Geological Survey
UST – Underground Storage Tank
VOC – Volatile Organic Compound

1.0 SUMMARY

This report presents the results of a Phase I ESA completed for the abandoned industrial facility known as the former Winkelman Property, located at 101-13 Greenway Avenue, in the City of Syracuse (the "Site"). The 4.9-acre Site is developed with a 79,600 SF building constructed in 1950. A lack of use and maintenance since the 1990s and a fire in 2004 have resulted in significant damage to the building. The Site is situated in an urban industrial / commercial district, in close proximity to Interstate 690 and Teall Avenue.

The Site has a history of industrial and commercial use:

- Early Twentieth Century - Globe Malleable Forge & Foundries Inc. (Iron and Steel Company).
- Late 1930s - Property comes under Ownership of Winkelman, who uses the Site for Warehousing and supporting Winkelman's General Construction outfit, while also intermittently leasing out building space to other entities, until abandoning the property in the 1990s.
- 1940s - US Hoffman Machinery Corp occupies the Site.
- 1950 - Former building replaced by new building (same building as present day).
- 1950 to 1965 - Aerofin Corporation (heating coil manufacturer) occupies the Site.
- 1965 to 1990s - Various and multiple commercial and small industry tenants.
- 1990s to present - Facility abandoned, with various environmental concerns associated.

The Phase I ESA identified the following Recognized Environmental Conditions (RECs), Historical RECs, or Controlled RECs in connection with the Site:

- *PCB-Containing Transformer Oil Spill*

  A significant transformer oil spill from three transformers formerly located on the Site occurred in the late 1980s and early 1990s. The contamination went unaddressed by the Property Owner for several years (the facility was abandoned around the same time), resulting in the NYSDEC taking legal action and implementing cleanup activities in 1997-1998. Remedial activities that have occurred to date have reduced PCB concentrations in soil and groundwater in the area of the former transformers to below Industrial Use Cleanup Objectives. The site is also reportedly subject to a Site Management Plan, which represents an institutional control. A Closeout Report from 2016 for this area of past contamination is on record with the NYSDEC. This is considered a CREC.

- *Tires and Other Solid Waste Inside Damaged Asbestos-Contaminated Building*

  After the facility was abandoned, tires began being illegally dumped on the Site. As many as 5,000 tires were left on the Site by 2007, when a judgement against the default Owner was awarded to the NYSDEC to clean up the noncompliant waste tire storage operations. Several thousand tires were subsequently removed from the exterior portions of the Site; however, an unknown quantity of tires is believed to remain inside of the building, which has become unsafe to enter due to structural concerns and asbestos-contamination. Additional solid waste (unable to be assessed at this time) also appears to remain inside the building. This is considered a REC.

- *Subsurface Fill Material & History of Industrial Use*

  Subsurface soils at the Site include 'cut and fill land', and fill material identified in the subsurface by previous environmental investigations has been described as consisting of "…fly ash and coal, white

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paste material, foundry sands, and crushed stone". Such fill material often contains contaminants, including SVOC, PCB, and metals. The longtime history of industrial use of the Site and vicinity contributes to the concern that shallow subsurface soils may be impacted by these contaminants, and is considered a REC. A Site Characterization Report completed in 2014-2015, by others, identified these and other contaminants (certain pesticides, acetone) above NYSDEC Unrestricted Use Soil Cleanup Objectives (SCOs).

- *Soil / Debris and Solid Waste Piles / Berms*

  Numerous debris piles and berms containing soil, gravel, asphalt, concrete pieces, and solid waste (including corroded storage drums and automotive parts) are pushed up against the exterior of the building and on the perimeter of the Site. The origin of the material containing in the piles is unknown. Based on the industrial history of the Site, historically documented contamination associated with fill material in the vicinity of the Site, and their appearance / contents, these piles represent a REC. A Site Characterization Report completed in 2014-2015, by others, included some sampling of the debris piles present on the Site at that time. SVOC, metals, and pesticides were detected in the piles that were sampled above NYSDEC Unrestricted Use SCOs. According to the Site Characterization Report, asbestos-containing materials have also been identified on and/or within the debris piles.

- *Abandoned Aboveground Oil Storage Tank*

  An aboveground storage tank (AST), estimated to be 8,000 to 10,000-gallons in capacity, is present outside of the southeast corner of the building. The AST appears to be a former oil storage tank, based on its appearance and location (as represented on Sanborn Fire Insurance Maps from 1968, 1971, and 1990 covering the Site). The AST appears significantly corroded. Due to access limitations and safety concerns, the existing contents of the tank (if any) could not be assessed. No storage tank registration information or tank closure assessment / report has been provided or identified by AECC. The presence and condition of the apparent oil storage tank represents a REC.

Staining of exposed asphalt and concrete is considered a *de minimis* condition at the Site.

In addition to the standard scope of ASTM E1527-13, AECC considered Business Environmental Risks (BERs) as a part of this report. BERs considered for the purpose of this report included radon, asbestos, and lead-based paint. It was determined that there are potential radon, asbestos, and lead-based paint concerns associated with the Site.

This summary does not contain all of the information or findings presented in this report. In order to acquire a more complete understanding of the information and findings presented, AECC strongly recommends that the Client and other interested parties read the report in its entirety.

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2.0 INTRODUCTION

This report presents the findings of a Phase I Environmental Site Assessment (ESA) performed at the abandoned industrial / commercial warehouse facility located at 101-13 Greenway Avenue, in the City of Syracuse (the "Site" or "subject building"). The location of the Site in relation to major roads and other points of reference is indicated on Figure 1 (Site Plan).

2.1 PURPOSE

The purpose of a Phase I ESA is to compile and review available and relevant information about the Site and immediate vicinity, and to identify *recognized environmental conditions (RECs), historic recognized environmental conditions (HRECs),* and *controlled recognized environmental conditions (CRECs),* to the extent feasible pursuant to ASTM E1527-13. According to the ASTM Standard, a REC is defined as:

> "…the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. *De minimis* conditions are not recognized environmental conditions."

An HREC is defined as:

> "[A] past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)."

And a CREC is defined as:

> "[A] recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)."

In addition, the ASTM E1527-13 defines a *de minimis* condition as:

> "[A] condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* conditions are not [RECs] nor [CRECs]."

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In addition to the standard scope of ASTM E1527-13, AECC considered *Business Environmental Risks (BERs*) as a part of this report. ASTM E1527-13 defines a BER as:

> "[A] risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice."

2.2 Reason for Performing the ESA

AECC was retained by Environmental Design & Research, Landscape Architecture, Engineering, & Environmental Services, D.P.C. (hereafter referred to as "EDR") to perform this ESA to assist The City of Syracuse, who is seeking information on current Site conditions prior to seizing Ownership of the Site for unpaid taxes. EDR and the City are also requesting this Assessment in preparation for the consideration of potential new construction / development of the Site. As such, this ESA in intended to provide information regarding potential environmental concerns that could influence development plans, and to compile information that may support establishment of an innocent landowner, contiguous property owner, or bona fide prospective purchaser position relative to potential CERCLA liability (referred to as the landowner liability protections or LLPs).

2.3 Scope of Services

The scope of services for this ESA is as defined by the ASTM E1527-13 and AAI standards. Although specifically excluded from the scope of ASTM E1527-13, this Phase I ESA also includes a cursory review of specific BERs that may have a material environmental impact on the current or planned use of the parcel of real estate. The specific BERs were limited to:

- Radon, via a review of publicly available information
- Asbestos-containing materials, via a visual review of exposed surfaces and components and a review of publicly available information
- Lead-based paints, via a visual review and a review of construction date

Refer to Appendix B (Standard Clauses and Disclaimers) for further information regarding the purpose, scope, reliance, deviations, and limiting conditions regarding this assessment.

2.4 Significant Assumptions and Limitations

AECC has made the following significant assumptions. Data gaps are presented in Section 7.1, and other general assumptions and limitations are listed in Appendix B.

- Groundwater flow is estimated based upon area topography, nearest surface water in the vicinity of the Site, local USGS well data, groundwater studies performed previously at the site by others, and/or proprietary information provided by Environmental Data Resources, Inc., a commercial vendor. AECC did not measure groundwater elevations to confirm groundwater flow direction at the subject property.
- Soil and bedrock data in Section 3.1 were obtained from the USDA NRCS soil survey website and / or published geologic maps. AECC did not verify with exploratory borings, pits, trenches, or wells.

- Representatives of the current owner of the Site were unavailable. Without authorization to access the Site, and due to access limitations and safety concerns, AECC's site reconnaissance was limited to the perimeter of the Site and a cursory visual review.

Emerging Contaminants (Per- and Polyfluoroalkyl Substances or "PFAS")

Since 2017, the NYSDOH and NYSDEC have begun establishing regulations alongside the USEPA (who first took an interest in the mid-2000s) recognizing PFAS as hazardous substances requiring regulation. PFAS are a group of chemicals used to make fluoropolymer coatings and products that resist heat, oil, stains, grease, and water. Fluoropolymer coatings are blends of resins and lubricants used in a wide variety of products such as water-repellent clothing, furniture, adhesives, paint and varnish, food packaging, heat-resistant non-stick cooking surfaces and insulation of electrical wires. There is limited information known to-date regarding PFAS and the regulations associated with them remain fluid. During the completion of this Assessment, AECC considered the possibility of sources of PFAS on or in the vicinity of the Site, based upon common industry knowledge at the time this Assessment was completed. The industrial history of the Site and surroundings, and documented contamination by other contaminants on the Site and surrounding areas (including PCB, petroleum, VOC, SVOC, and metals) elevates the potential risk that PFAS exist at the Site. In addition, the potential exists for PFAS to exist in as-yet determined materials, or for the regulations regarding PFAS to change in the future. With respect to PFAS, for an ESA, the primary media of concern is groundwater. According to the USEPA, "Drinking water can be a source of exposure in communities where [PFAS] have contaminated water supplies. Such contamination is typically localized and associated with a specific facility, for example, an industrial facility where PFAS were produced or used to manufacture other products, or locations where firefighting foam was used such as oil refineries, airfields or other training facilities for firefighters". It is notable that the subject Site and surrounding area is serviced by a municipality-provided water source, and that Site groundwater is not currently used for any purpose.

2.5 User Reliance

This ESA report has been prepared by AECC for the express use of EDR and the City of Syracuse. No other parties shall rely on this report without the written consent from AECC, EDR, and the City of Syracuse. EDR may release this report to third parties; however, such third party, in using this report, shall have no legal recourse against AECC.

2.6 Report Format

The remainder of this report is organized so that pertinent findings are located within the body of the report, with the opinions of the environmental professional are located either immediately after each finding or at the end of each section. As such, it is possible that findings reference information presented in other sections of the report.

For consistency and to maintain clarity, the target property (101-13 Greenway Avenue, City of Syracuse Tax Parcel ID # 032.1-01-26.0) is referred to as the "Site" (capitalized) or as the "Subject Property" throughout this report. Surrounding, adjacent, or otherwise mentioned properties are referred to as parcels, properties, or facilities (and are not capitalized).

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3.0 SITE AND AREA CHARACTERISTICS

Information relative to Site location, characteristics, boundaries, and general conditions has been collected from multiple sources, including City of Syracuse Real Property Tax Information Database and City Planning / Zoning Maps, Onondaga County GIS maps, observations made during AECC's limited site reconnaissance, and other provided records. AECC was not provided with a copy of the legal description of the Site or an official property survey.

3.1 SITE CHARACTERISTICS

The following tables describe the general Site characteristics, buildings, utilities, and waste streams:

Category	Subject Property Data
Ownership	GSI of Virginia, Inc.
Site Address	101-13 Greenway Avenue, City of Syracuse, Onondaga County, New York
Mailing Address	101-13 Greenway Ave, Syracuse, NY 13210
Tax ID Number	032.1-01-26.0
Size and Area	4.9 acres
Access	Via Greenway Ave to the south (Intersection of Lynch Avenue and Devine Street)
Zoning/Land Use	IA – Industrial (with future consideration to be Commercial)
Easements	Unknown

Category	Building Information
Number of Buildings	One (with additions)
Gross Floor Area	79,600 SF
Number of Stories	One
Basement Present?	No (assumed)
Roof Type	Gabled and flat roof system comprised of aluminum and other roofing materials
Current Uses	Abandoned (the building is currently in an unusable condition)
Construction Date	1950 (original), subsequent additions

Utility	Provider/Source
Potable Water Supply	Municipality Provided (City of Syracuse)
Wastewater / Sewage	Municipality Provided (City of Syracuse)
Electrical Service	National Grid (Available)
Natural Gas Service	National Grid (Available)
Stormwater System	None (natural flow / runoff)

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Classification	Waste Generation Process	Storage Location	Disposal Method / Contractor
Non-regulated Solid Waste	Inactive / abandoned facility with mixed-waste materials present in debris piles	Dumped in piles around the building and Site	N/A
Non-regulated Liquid Waste			
Regulated Solid / Liquid Waste			
Biomedical Waste	N/A	N/A	N/A

3.2 Site and Area Topography, Geology, and Hydrogeology

3.2.1 Topography

According to the (2013) USGS Topographic Map – Syracuse East Quadrangle, the Site is positioned at an elevation of approximately 415 feet above mean sea level. The Site and immediately surrounding area is relatively flat, with a very gradual gradient toward the south. There are no surface water bodies on or immediately adjacent to the Site.

3.2.2 Geology

The Site is located in the Ontario Lowlands Physiographic Province of New York. These lowlands correspond to the plains that border Lake Ontario, and are bordered by the Allegany Plateau to the south and the Tug Hill Plateau to the east. The Ontario Lowlands are generally represented by relatively subdued topography.

Soils

According to the United States Department of Agriculture (USDA) Natural Resource Conservation Service (NRCS) Web Soil Survey, there are three mapped soil series present beneath the Site. They are summarized below:

Geological and Hydrogeological Properties of Mapped Site Soils			
Soil Group, approximate percentage / area, location	**Urban land** (~80% on center, southwestern, and northeastern portions of Site)	**Palmyra gravelly loam** (~10%, on northwestern portion of Site)	**Cut and fill land** (~10%, on southeastern portion of Site)
Soil Description / Features	The term 'Urban Land' indicates that a significant portion of the property is covered by impervious surface (i.e., buildings, pavement), or that soil has been significantly altered by past development activities.	Loamy over sandy and gravelly glaciofluvial deposits, derived mainly from limestone and other sedimentary rocks	'Cut and fill land' consists of areas that have been altered by methods other than mining, so that the native soil characteristics have been completely eliminated.
Typical Depth to Groundwater	N/A	Typically greater than 7 feet below ground surface	Typically 3 to 6 feet below ground surface
Typical Depth to Bedrock	N/A	Typically greater than 7 feet below ground surface	Typically greater than 7 feet below ground surface

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The Surficial Geologic Map of New York-Finger Lakes Sheet (1986, Ernest H. Muller and Donald H. Cadwell) identifies the natural surficial deposits in the area of the Site as lacustrine silt and clay, described as "generally laminated clay and silt deposited in proglacial lakes, generally calcareous…thickness variable (up to 50 meters)".

According to summary information contained in NYSDEC databases, a Site-wide subsurface characterization was performed (by others) in 2014. The characterization discovered:

> "[Site] geology consists of a mix of fill material overlying bog deposits of organic rich silt, peat, and marl. Fill material encountered on site is generally 4 to 6 feet thick comprised of silty gravel, fly ash and coal, white paste material, foundry sands, and crushed stone. One to three feet of organic rich silt was encountered immediately beneath the fill, underlain with peat and marl (a mix of freshwater lime mud and shells) at approximately 7 to 8 feet below grade. During the [Characterization], soil borings were advanced up to approximately 17 feet below ground surface (bgs) at the site without encountering bedrock."

The presence of 'urban land', 'cut and fill land', and fill material consisting of "…fly ash and coal, white paste material, foundry sands, and crushed stone" is considered a REC, for the potential presence of SVOC (especially PAHs), metals, or other potential contaminants to be present.

Refer to Appendix M (Abbreviated Site Characterization Report) for additional information pertaining to subsurface soil conditions that have been documented at the Site.

Bedrock

According to the Geologic Map of New York – Finger Lakes Sheet (1970, Lawrence V. Rickard and Donald W. Fisher), the bedrock beneath the site is mapped as Syracuse Formation shale, dolostone, gypsum, and salt of the Salina Group. No records of past investigation of bedrock conditions were identified in the course of this ESA.

3.2.3 Hydrogeology

Surface Waters

There are no surface water bodies on or immediately adjacent to the Site. The nearest surface water body is the Onondaga Creek, flowing through the area in a general northerly direction approximately 2 miles west of the Site. Onondaga Creek is a major tributary to Onondaga Lake, with its headwaters originating approximately 27 miles south of the City, in the Town of Tully. The Creek meanders northward through the Tully Valley and the southern section of the City, ultimately draining to Onondaga Lake approximately 3 miles west-northwest of the Site.

Groundwater

According to the Site characterization performed in 2014 (by others):

> "Groundwater occurs under perched conditions as discontinuous lenses within the more permeable fill material, and under unconfined conditions within the peat and marl unit. Saturated sections of the fill material generally [consist] of fly ash and silty gravel, often containing oily material. During development and sampling of the Remedial Investigation well points, recharge was observed to be slow, largely dependent on the composition of the fill at a specific location. The water table is relatively flat, groundwater moves vertically through the fill

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> material into the peat and marl unit, where it then flows under the effects of regional drainage patterns. Groundwater on the adjacent parcel to the east of the site was found to flow to the southwest. Groundwater sampling…indicated that shallow ground water flowed to the east-southeast in the area of the [former transformer pad area]."

According to the physical setting information obtained by AECC from Environmental Data Resources, Inc., a test hole advanced as a potential water well at the northwestern perimeter of the Site in 1961 documented the depth to groundwater as 10 feet below ground surface.

Groundwater conditions and flow patterns were not investigated in the course of this assessment.

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4.0 RECORDS REVIEW

Records reviewed for this ESA included previous reports pertaining to the Site (if any and if made available), standard environmental databases, and reasonably-ascertainable historical information. The information gathered from the review of these documents is described in the following sections.

4.1 USER-PROVIDED RECORD SOURCES

ASTM E1527-13 requires the User of the ESA to provide certain information for review, when possible, or that an effort is made to obtain such information, when such information is not provided.

4.1.1 Title Records

AECC located a Property / Title Record Search completed by Frontier Abstract and Research Services, Inc. in October 2012. A summary of the information obtained from this document is provided in Section 4.4.5 – Property Records.

4.1.2 Prior Environmental Reports, Environmental Liens, Activity & Use Limitations

The following documents were provided and/or obtained by AECC in the course of completing this assessment. Copies of the referenced documents are included in Appendices M and N.

Proposed Remedial Action Plan and Subsequent Record of Decision – Peter Winkelman Co Site (Syracuse, Onondaga County, Site Number 7-34-047), prepared and published by the NYSDEC in March, 2000

The Record of Decision (ROD) was provided to AECC by the NYSDEC in response to AECC's FOIL request.

The ROD provided the following history pertaining to the Site:

- March 1986 – Transformer malfunction due to a power outage causing a power surge, resulting in a transformer oil spill discovered by the Syracuse Fire Department. Sampling of surrounding soil exhibited PCB concentrations as high as 199 ppm. Peter Winkelman Co. (Owner at that time) informed of their legal responsibility to remediate the transformer oil spill.
- July 1987 – Final notice to Peter Winkelman Co. that the Site must be cleaned or litigation would be commenced.
- 1991 – Peter Winkelman Co. transfers ownership of Site to GSI of Virginia, Inc.
- June 1994 – Additional soil sampling performed, with concentrations as high as 120 ppm detected.
- April 1997 – Scavenger / vandal removes copper from transformers, causing further leak of transformer oil.
- June 1997 – NYSDEC spills contractor removed the transformers and free product is collected from excavation of the former concrete pad and surrounding soil.
- August 1997 – Oil skimmer installed to collect residual transformer oil from the groundwater.

The ROD determined that backfilling of the excavation with clean soil and gravel, continuing to operate the oil skimmer, and performing periodic groundwater sampling would be appropriate to continue to remediate the Site.

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Site Management Periodic Review Data Collection Form, prepared by NYSDEC representative on May 11, 2006

The Periodic Review Form was provided to AECC by the NYSDEC in response to AECC's FOIL request.

According to the Periodic Review Inspection that was performed by Mr. Payson Long of the NYSDEC, the selected remediation remedy had failed and the Site was in need of reclassification. The Site was formerly classified as a State Superfund "Class 4 Site": "…a site that has been properly closed but that requires continued site management consisting of operation, maintenance and/or monitoring…appropriate for a site where remedial construction actions have been completed for all operable units, but the site has not necessarily been brought into compliance with standards, criteria, or guidance (e.g., a groundwater extraction and treatment system has been installed and is operating properly but groundwater standards have not been achieved yet)." The NYSDEC reclassified the Site as "Class 2": "…assigned to a site at which the disposal of hazardous waste has been confirmed and the presence of such hazardous waste or its components or breakdown products represents a significant threat to public health or the environment".

Judgement Against GSI of Virginia, Inc., for Operating a Noncompliant Waste Tire Stockpile, April 27, 2007

The Judgement was provided to AECC by the NYSDEC in response to AECC's FOIL request, and by the City of Syracuse.

The NYSDEC was awarded a judgement against the current owner of the Subject Property, GSI of Virginia, Inc., in 2007 for the noncompliant operation of a waste tire stockpile on the Site. In reviewing the Judgement document, the following items of note are drawn relative to the Site and its history:

- Ownership has essentially abandoned the Site, and resides outside of the State. Ownership was unreachable despite numerous reasonable efforts made by NYSDEC, and did not appear in court.
- No effort was made by ownership to cleanup or restrict waste tire dumping from occurring at the Site.

According to interviews, other record sources, and the observations made during AECC's limited site reconnaissance, tires formerly stockpiled at the Site were mostly removed from exterior locations, but some tires remain inside the building.

2008-2009 Brownfield Opportunity Area (BOA) Program Nomination Plan (Amended in 2012) for Erie Boulevard Corridor

The BOA Program Nomination Plan was provided to AECC by the City of Syracuse.

The City of Syracuse commissioned and completed a BOA Program Nomination Plan in 2008-2009 (amended in 2012, by others) for 77 properties along the Erie Boulevard Corridor, within the central-eastern portion of the City of Syracuse. The Subject Property was one of the 77 properties included in the 2008-2009 BOA Plan, which noted the following information pertaining to the Site in December 2008:

- 1-story, 79,600 SF building (dilapidate structure, to be demolished)
- Hazardous waste site – PCB contamination from vandalized transformers
- Former railroad, machinery factory (U.S. Hoffman Machinery Corp, adjacent to the former West Shore / Penn Central Railroad)
- PCB-contaminated soils had been previously removed

- A site management plan is being utilized
- Significant remediation may be required depending on proposed site redevelopment (estimated between $250,000 and $500,000)

Pre-Demolition Survey for Asbestos-Containing Materials, prepared by Watts Architecture & Engineering, in April 2013

The Pre-Demolition Survey Report was provided to AECC by the NYSDEC in response to AECC's FOIL request.

Several asbestos-containing building materials (ACMs) were identified during the 2013 asbestos survey, including but not limited to:

- Rolled roofing, roofing shingles, roofing tar, roofing tar paper and flashing
- Window glazing
- Paint on corrugated metal siding
- Aircell pipe insulation

Additionally, it was noted that "…there is a considerable amount of construction and demolition (C&D) debris and yard waste inside and adjacent to the outside of the building that has been contaminated by the above-identified ACMs."

Site Characterization Report – Peter Winkelman Company, Inc. (Site # 734047), prepared by ARCADIS in 2014-2015

The Site Characterization Report was provided to AECC by the NYSDEC in response to AECC's FOIL request.

A Site Characterization was performed in the spring-summer of 2014, encompassing the exterior portions of the Site. The investigation included the collection and analysis of subsurface soil samples, soil debris pile samples, and groundwater samples. Particularly significant results from the Characterization report are included among the other Sections of this ESA, and include the following:

- Asbestos-containing materials are present within the debris piles outside of the building.
- Buried underground utilities (including water, sewer, electric, and gas lines) formerly servicing the building were identified and mapped, using Electromagnetic Induction (EMI) and Ground Penetrating Radar (GPR) methodologies.
- Groundwater flow was found to be in a general east-southeast direction across the Site. Groundwater was generally encountered between six and ten feet below ground surface. The hydraulic gradient was calculated as approximately 2.5 vertical feet per 100 horizontal feet.
- Delineation in the area of the former PCB contamination did not find significant PCB remaining; however, PCB was discovered in discrete / localized areas elsewhere in shallow subsurface soils at the Site (among other contaminants that were also detected, see below).
- VOC (specifically, acetone, in low concentrations and considered a common laboratory contaminant), several SVOC, PCBs, pesticides, and metals were all detected within Site soils in locations distributed across the Site. Generally, concentrations exceed Unrestricted Use SCOs. Concentrations exceed restricted (industrial use) SCOs in some locations.

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The above items do not include all of the findings presented in the 2014-2015 Site Characterization Report, a copy of which is included in Appendix N of this report. It is recommended that the findings of the Site Characterization Report be considered alongside the conclusions of this assessment.

Final Engineering Report – Peter Winkelman Company (Syracuse, Onondaga County, New York, NYSDEC Site Number 734047), prepared and published by ARCADIS in January 2016

The Final Engineering Report (FER) was provided to AECC by the NYSDEC in response to AECC's FOIL request.

The report included the following information pertaining to the Site:

- Remedial measures undertaken between 1998 and 2000 included excavation to a depth of approximately 4 feet below ground surface in the vicinity of the transformers.
- The groundwater treatment system (oil skimmer) that was installed functioned up until 2004, when a fire at the facility rendered the system inoperable.
- PCBs were not detected in groundwater samples collected in August 2014. The sumps and wells associated with the former groundwater treatment system (that had been inoperable for 10 years previous) were subsequently removed from the Site.

Site Closeout Report – Peter Winkelman Company OU-1/OU-1A (Site No. 734047), prepared and published by ARCADIS in August, 2016

The Site Closeout Report was provided to AECC by the NYSDEC in response to AECC's FOIL request.

The report included the following information pertaining to the Site:

- Operable Units (OU) OU-1/OU-1A represent the area of historical PCB contamination associated with the former transformers. OU-1 encompassed the limited groundwater impacts from the PCB oil beneath the surface. OU-1A represented the surficial impacted area, including the soil.
- Groundwater sampling performed during the Site Characterization identified no PCB contamination in groundwater at the Site. Former groundwater treatment system equipment was removed from the Site according to approved methods. As a result, the NYSDEC concluded that the OU-1/OU-1A area was remediated through the soil IRM and the operation of the groundwater treatment system, and no further action was deemed necessary.

4.1.3 Property Value

AECC was not provided with the purchase price of the property, or the fair market value price, assuming that the Site is absent of contamination. If a property transaction is considered, it is recommended that the User consider the price relative to the fair market value of the property, and consider to what extent any difference between purchase price and fair market value is due to the presence of environmental contamination or other environmental concern.

According to Onondaga County Tax Records, the Site was assessed a Full Market Value of $714,872 in 2019.

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4.1.4 Building Plans

Historical building plans for the building structure currently on the Site were not provided or located (See Section 7.1 – Data Gaps). However, historic Sanborn Fire Insurance Maps obtained by AECC during this ESA depict the general layout of the Site buildings at various points in time.

4.2 Environmental Record Sources

AECC retained Environmental Data Resources, Inc. of Milford, Connecticut (hereafter referred to as "Environmental Data Resources"), to search federal, state, and tribal environmental regulatory databases. The radii of the database searches corresponded to the recommended radii in ASTM E1527-13, as follows:

Database	ASTM Search Distance (miles)
STANDARD ENVIRONMENTAL RECORDS	
USEPA National Priority List Sites	1
USEPA Federal Superfund Liens	Target Property
USEPA Delisted National Priority List Sites	1
USEPA CERCLIS List	0.5
USEPA CERCLIS No Further Remedial Action Planned Sites	0.5
USEPA Corrective Action Report	1
RCRA Treatment, Storage & Disposal Sites	0.5
RCRA Hazardous Waste Generator Sites	0.25
RCRA with Institutional/Engineering Controls	0.5
USEPA Engineering Controls Sites	0.5
USEPA Institutional Control Sites	0.5
US Coast Guard Emergency Response Notification System	Target Property
NYSDEC Inactive Hazardous Waste Disposal Site Registry	1
NYSDEC Solid Waste Facilities/Landfills	0.5
NYSDEC Leaking Storage Tanks/Spill Database	0.5
NYSDEC Petroleum Bulk Storage Tank Registry	0.25
NYSDEC Chemical Bulk Storage Site Listing	0.25
NYSDEC Major Oil Storage Facilities Database	0.5
NYSDEC Registry of Engineering Controls	0.5
NYSDEC Registry of Institutional Controls	0.5
NYSDEC Voluntary Cleanup Program	0.5
NYSDEC Environmental Restoration Program	0.5
NYSDEC Brownfields Site List	0.5
USEPA Brownfields Site List	0.5
NYSDEC Liens Information	Target Property
NYSDEC Air Permits	0.5
NYSDEC Coal Ash Disposal Sites	0.5
NSDEC Dry Cleaners Registry	0.25

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Database	ASTM Search Distance (miles)
NYSDEC Registered Electronic Waste Recycling Facilities	0.5
NYSDEC Financial Assurance-Hazardous Waste	0.25
USEPA Financial Assurance-Hazardous Waste	0.25
NYSDEC Financial Assurance-Solid Waste	0.25
USEPA Facility Registry Index	0.25
USEPA FIFRA/TSCA Tracking System Enforcement Actions/Inspections	1
USDOD Formerly Used Defense Sites	1
USNRC Material Licensing Tracking System	0.25
USDOT Hazardous Materials Information System	0.25
USDEA National Clandestine Drug Lab Register	0.25
USEPA Integrated Compliance Information System for Federal Enforcement Data	0.5
USEPA National Pollutant Discharge Elimination System	0.25
NYSDEC Inventory of Open Dumps	0.5
NYSDEC Mines	0.25
USDOL Mines Master Index File	0.25
NYSDEC Oil and Gas Wells	0.25
USEPA PCB Registration Database System	0.5
USEPA PCB Transformer Registration Database	0.25
USEPA Compliance System for Clean Water Act	0.25
USEPA Radiation Information Database	0.5
USEPA Records of Decision	0.5
USEPA Sites with Superfund Alternative Approach Agreements	1
NYSDEC State Pollutant Discharge Elimination System	0.25
USEPA Section Seven Tracking System	0.25
NYSDEC Recycling Facilities	0.5
USEPA Toxic Release Inventory System	0.25
USEPA Toxic Substance Control Sites	0.25
USEPA Vapor Intrusion Database	0.5
NYSDEC Vapor Intrusion Legacy Sites	0.5
NYSDEC Hazardous Waste Manifest Data	0.25

Further description of the databases, are included in the Environmental Data Resources, Inc. report (see Appendix K).

4.2.1 On-Site

The Subject Property was identified in multiple databases searched by Environmental Data Resources. The following table summarizes the database listings and associated information for each as they pertain to the Site:

Database / Listing	Database Summary & Significance
USEPA **FINDS** (Facility Index System)	FINDS contains both facility information and 'pointers' to other sources that contain more detail. The Subject Property is identified by FINDS Registry ID # 110009470740.
USEPA **ECHO** (Enforcement and Compliance History Online)	Lakelawn Transport Corp is identified as an inactive RCRA facility formerly located at 101 Greenway Avenue in the ECHO database. There are no recorded violations or enforcement actions in the ECHO database for Lakelawn Transport Corp. Further information pertaining to the ECHO database is given in Section 4.3 below.
USEPA **SEMS** (Superfund Enterprise Management System)	Superfund is a program administered by the USEPA (beginning in 1980) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. These sites include abandoned warehouses, manufacturing facilities, processing plants, and landfills. EPA administers the Superfund program in cooperation with individual states and tribal governments. "Winkleman Property, 101-113 Greenway Avenue, Syracuse, NY 13244" is identified in the SEMS database, with Registry ID # 110039147875. No other significant information is contained in the database summary.
USEPA **RCRA** (Resource Conservation and Recovery Act)	The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste, as defined by the Resource Conservation and Recovery Act (RCRA). The database categorizes facilities based on the quantity of hazardous waste they generate annually. The "Lakelawn Transport Corp" is identified at 101 Greenway Avenue in the RCRA database in 1983, 2006, and 2007, as a 'handler' (non-generator) of corrosive waste. There are no recorded violations or spills affiliated with this listing. 101 Greenway Avenue is also identified in the RCRA database in 1998 (labeled as "NYSDEC / Spill"), and categorized as a 'large quantity generator' (refer to NYSDEC Spill # 97-01063 below).
NY **HSWDS** (Hazardous Substance Waste Disposal Sites)	The database includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-registry sites that the USEPA Preliminary Assessment reports or Site Investigation reports were prepared. The Site, identified as "Peter Winkelman Co., Inc., 101 Greenway Avenue, Syracuse, NY 13210", is identified in the NY HSWDS database by ID NYD986866382. The listing is archive from 1988 (transformer spill).

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Database / Listing	Database Summary & Significance
NYSDEC **Manifest** (Facility and Manifest Data)	A manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD (treatment, storage, disposal) facility. The Site is identified on manifest documents from 1997 as the origination of 817 kg of petroleum oil containing PCB at a concentration of 50 to 500 ppm.
NY **SHWS** (State Hazardous Waste Sites)	The State Hazardous Waste Sites database is the State-equivalent of the federal CERCLIS database, and includes records pertaining to sites that may already be listed on the federal CERCLIS list. Priority sites already addressed or planned for cleanup using state funds are identified along with sites where cleanup will be paid for by potentially responsible parties. A 0.05-acre portion of the greater 4.9-acre Site is identified in the NY SHWS database by Site Code 734047. According to the database summary, the small portion of the greater Site referenced is the transformer area to the east of the building, where two former oil skimming wells existed in the area of the former electric transformer concrete pad. Due to a power outage caused by a power surge, one or more of the three transformers on the Site malfunctioned, resulting in an unknown quantity of PCB-containing transformer oil leaking from the transformers, the combined capacity of which was known to be 1,575 gallons. According to the database, remediation of the 0.05-acre portion of the Site is complete, with PCB concentrations in remaining soil and groundwater below applicable soil cleanup objectives for industrial use. Remedial activities included removing contaminated soil and backfilling the excavation with clean soil and stone. It is noted that humans are unlikely to come in contact with any residual contamination on the site unless they dig below the backfill. Lastly, the database notes that remaining volatile organic compounds in the groundwater or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality (soil vapor intrusion). The summary notes that a soil vapor intrusion evaluation is recommended for the site or off-site property if buildings are to be reoccupied or if new buildings are developed. Refer to Section 4.2.3 – Vapor Encroachment Screening, for additional information.

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<table>
<tr><th>Database / Listing</th><th>Database Summary & Significance</th></tr>
<tr><td>NYSDEC CBS AST
(Chemical Bulk Storage / Aboveground Storage Tanks)</td><td>Since 1980, the NYSDEC Chemical Bulk Storage database has tracked registered chemical storage facilities with total capacity exceeding 1,100 gallons.

CBS Registration Number 7-000118 references Wastestream Environmental, Inc. formerly operating the following ASTs at the Site:
<table>
<tr><th>Tank #</th><th>Capacity (gal)</th><th>Product Stored</th><th>Date of Install</th><th>Status</th></tr>
<tr><td>001</td><td>6,500</td><td>Ferrous Sulfate</td><td>1988</td><td>Removed 1991</td></tr>
<tr><td>001A</td><td>6,500</td><td>Ferrous Sulfate</td><td>1991</td><td>Removed 1995</td></tr>
<tr><td>002</td><td>6,500</td><td>Ferrous Sulfate</td><td>1988</td><td>Removed 1991</td></tr>
<tr><td>002A</td><td>6,500</td><td>Ferrous Sulfate</td><td>1991</td><td>Removed 1995</td></tr>
<tr><td>003</td><td>3,500</td><td>Ferrous Sulfate</td><td>1988</td><td>Removed 1995</td></tr>
<tr><td>004</td><td>3,000</td><td>Ferrous Sulfate</td><td>1988</td><td>Removed 1995</td></tr>
<tr><td>005</td><td>4,000</td><td>Ferrous Sulfate</td><td>1991</td><td>Removed 1995</td></tr>
<tr><td>006</td><td>4,000</td><td>Ferrous Sulfate</td><td>1991</td><td>Removed 1995</td></tr>
</table>
The registration is inactive / expired.</td></tr>
<tr><td>NYSDEC Spills</td><td>The NYSDEC Spills database tracks reported petroleum and chemical spills / releases greater than one gallon in size.

Spill number 97-01063 was assigned to the Site in 1997 when a DEC representative observed suspect PCB-containing oil leaking out of an abandoned 55-gallon drum on the Site. The associated drums, oil, and surrounding area were cleaned and removed from the Site. The spill file has been closed.</td></tr>
</table>

4.2.2 Off-site

A number of listed sites were identified within the ASTM-recommended search distances of the Subject Property in the Environmental Data Resources, Inc. Radius Report. Environmental Data Resources also provided a list of properties that could not be definitively located due to incomplete address information (Orphan Sites). AECC reviewed this list and obtained information for those properties that were obviously located at or near the target Site.

AECC reviewed each listing, although the sites considered of primary concern were those potential releases that were located adjacent to and/or hydraulically upgradient of the Site (see Section 3.1). Based on the presumed easterly/southeasterly direction of groundwater flow in the vicinity of the Site, and the elevation of surrounding properties, it is believed that properties with the greatest potential to impact soil and groundwater at the Site are located to the north and/or west of the Site.

Generally, properties located greater than one-eighth mile from the target property are not expected to significantly impact the target property due to the distance between the listed sites and the target property, apparent direction of area groundwater flow, lack of violations at the respective facilities, development between the property-of-concern and the target Site, and/or remedial activities conducted to date.

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The following tables summarize the information pertaining to those sites identified within the Environmental Data Resources report that are deemed to be of potential environmental concern with respect to the Subject Property, as they were either not excluded by the preceding parameters or are exceptions to the parameters. The tables also summarize whether each concern constitutes an REC.

****NOTE: AECC carefully reviewed the location of each site, and re-located actual distance and direction relative to the subject Site based upon this review and the use of other, more precise, mapping services such as Google Earth. Distance of listings from the subject Site may appear differently than presented in the EDR Radius Report. The order of listings presented below reflects a re-ordering of properties of potential concern by proximity.*

	Facility Location (relative to target Site)	**Reason for listing**
Environmental Data Resources Orphan Site (ID # S113916782)	City Crossroads Properties, 341 Peat Street, 102 Greenway Avenue, 101-13 Greenway Avenue, and 100 Greenway Avenue (~13-acre property encompassing subject Site and parcels to immediate east)	NY SHWS Database (Site Code 734139)
	REC?	
	According to State records last updated in 2013, a remedial investigation was conducted over the majority of the 341 Peat Street (7.64-acre) property, and included a portion of the subject Site. In summary, PCB contamination (assumed to have originated from the historical transformer spill at the Subject Property), petroleum contamination (including visible product, staining, odors, or some combination thereof), SVOC contamination (particularly PAH, via laboratory analysis), and metals contamination (primarily nickel and arsenic, via laboratory analysis), were documented in shallow subsurface soil and groundwater across the investigation area. For a complete summary of the City Crossroads Properties Site, refer to the administrative information, site description, and environmental assessment included in Appendix F. The results of this historical investigation represent a REC to the subject Site for the contamination encountered, ambiguous nature of the documented results, and lack of documents specifying investigation locations and sampling parameters. Additionally, the NYSDEC classifies this listing as a Class N Site, with the disclaimer that "…information provided for Class N sites [are] highly variable, not necessarily based on any DEC investigation, sometimes of unknown origin, and sometimes is many years old. Due to the preliminary nature of this information, significant conclusions or decisions should not be based solely upon this summary."	

(continued on next page)

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Environmental Data Resources Map # B8 & B9	**Facility Location (relative to target Site)**	**Reason for listing**
	Syracuse Rigging Co. Inc., 100 Greenway Avenue (adjoining property immediately east of Site)	USEPA RCRA Database (EPA ID # NYD986990836) USEPA FINDS & ECHO Databases Hazardous Waste Manifest Documentation
	REC?	
	Lead and ignitable hazardous waste was removed from the former Syracuse Rigging facility to the east of the Site in the early 1990s. The waste was likely removed in connection with the demolition / removal of the buildings that occurred around that time, per other historical records (refer to Section 4.4.3, Aerial Photos 1988 and 1995 below). This listing is not believed to constitute a REC with respect to the Subject Property.	

Environmental Data Resources Map # D20	**Facility Location (relative to target Site)**	**Reason for listing**
	222 Teall Avenue (adjoining property immediately west of Site)	NYSDEC Spills Database (Spill # 90-03085)
	REC?	
	The spill file was opened in June 1990 when petroleum was observed on the surface of storm water runoff that appeared to be migrating from the Subject Property (101 Greenway Avenue) onto new blacktop at the westerly adjacent 222 Teall Avenue property. A remediation contractor was hired and the spill file was closed, meeting cleanup standards. This listing, in and of itself, does not represent a REC; however, this event may have been symptomatic of poor environmental management practices at the Subject Property.	

Environmental Data Resources Map # C10, C11, & C14	**Facility Location (relative to target Site)**	**Reason for listing**
	US Post Office, 222 Teall Avenue (adjoining property immediately west of Site)	NYSDEC PBS Database (Registration # 7-427330) NYSDEC Spills Database (Spill #'s 87-09499, 89-12289, and 98-08035)
	REC?	

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	The westerly adjacent United States Post Office property formerly operated 6,000-gallon gasoline USTs (the first from 1977 to 1990, and the second from 1990 to 1998). Spill number 87-09499 was opened when the first UST failed a tank tightness test, and a leak from the piping was identified. The leak was repaired and the spill file was closed, meeting cleanup standards. Spill number 89-12289 was opened when surface oil was observed "seeping" in the area of the 200 block of Teall Avenue. A follow-up visit was made by DEC personnel and the spill file was closed meeting cleanup standards. Spill number 98-08035 was opened when contamination was encountered during the removal of the second of the USTs from the facility. The spill file has been closed, but without meeting cleanup standards. No analytical data was submitted with the closeout of the second UST. This condition represents a potential concern to the subject Site, due to the potential for contamination to be present on the subject Site as a result of migration with groundwater flow.

There are numerous other NYSDEC spill files that reference traffic accidents, abandoned containers, and other surface spills of petroleum products in the vicinity of the Site. These past spills are not believed to represent RECs with regard to the Subject Property due to their nature (small volume spills to ground surface), the timeliness and effectiveness of containment and cleanup, the distance from the Subject Property, the extent of development between the locations of these incidences and the Subject Property, and the regulatory status of each.

4.2.3 Vapor Encroachment Screening

As required by ASTM E1527-13, the potential for a vapor encroachment condition (VEC) to affect the subject property has been reviewed in connection with this Phase I ESA. A VEC is defined as "the presence or likely presence of contaminant of concern (COC) vapors in the sub-surface of the target property caused by a release of vapors from contaminated soil or groundwater either on or near the target property". The review for potential VECs was performed in accordance with the practices prescribed in ASTM Practice E2600-10, entitled *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions.* For purposes of this assessment, a Tier 1 screening has been performed. ASTM Practice E2600-10 recommends the following search distances around the subject property for use in the Tier 1 Vapor Encroachment Screening:

ENVIRONMENTAL DATABASE	**SEARCH DISTANCE (MILES)**	
	Chlorinated COCs	Petroleum Hydrocarbon COCs
Federal NPL List	1/3 mile	1/10 mile
Federal CERCLIS List	1/3 mile	1/10 mile
Federal CORRACTS Facilities List	1/3 mile	1/10 mile
Federal non-CORRACTS TSD Facilities List	1/3 mile	1/10 mile
Federal RCRA Generators List	Property Only	Property Only
Federal Institutional/Engineering Controls	Property Only	Property Only
Federal ERNS List	Property Only	Property Only
State-Equivalent NPL List	1/3 mile	1/10 mile
State-Equivalent CERCLIS List	1/3 mile	1/10 mile
State Solid Waste Landfill or Solid Waste	1/3 mile	1/10 mile

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Disposal Sites		
State Leaking Storage Tanks Sites	1/3 mile	1/10 mile
State Registered Storage Tank Sites	Property Only	Property Only
State Institutional/Engineering Controls	Property Only	Property Only
State Voluntary Cleanup Sites	1/3 mile	1/10 mile
State Brownfield Sites	1/3 mile	1/10 mile

The results of the environmental database search discussed in Section 4.2 of this report identified the Subject Property (State-Equivalent CERCLIS and State hazardous Waste Site), and broader area that included a portion of the Subject Property (City Crossroads Properties, encompassing additional ±8 acres east of subject Site) as properties with petroleum hydrocarbon contaminants of concern within the recommended search distances of the subject property.

According to file information pertaining to the Subject Site and associated database listings, remaining volatile organic compounds in the groundwater or soil exist that represents a soil vapor intrusion concern, and a soil vapor intrusion evaluation is recommended if new buildings are to be developed.

4.3 GOVERNMENTAL RECORDS

AECC contacted the following Federal, State, and local agencies under the FOIA/FOIL, requesting information pertaining to environmental conditions at, or in the vicinity of, the target property. FOIA/FOIL requests and responses are presented in Appendix F, and are summarized in the table below. In addition, in lieu of a FOIA request to the USEPA, AECC reviewed the USEPA's Enforcement and Compliance History Online (ECHO) web-based search tool. Additional documents obtained from the NYSDEC are also included in Appendix N.

Agency	Significant Findings
City of Syracuse	AECC submitted a FOIL request to the City of Syracuse requesting tank registrations, petroleum/hazardous materials storage, building/demolition permits, monitoring well information, historical environmental reports (including soil, water, and air sampling), and building or property surveys pertaining to the Site. The City did not locate any documents pertaining to the Site, separate from what was already provided and summarized in Section 4.1.2 above.

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Agency	Significant Findings
USEPA-ECHO	Lakelawn Transport Corp is identified as an inactive RCRA facility formerly located at 101 Greenway Avenue in the ECHO database. There are no recorded violations or enforcement actions in the ECHO database for Lakelawn Transport Corp. AECC reviewed the USEPA-ECHO database in search of facilities with known violations or compliance issues within one-quarter mile of the Site, although such facilities tend to be identified in the Environmental Data Resources Radius Search (summarized in Section 4.2.2 above). The following properties / facilities were identified during AECC's search of the online database as having "Violation Identified" in the vicinity of the Site: • Syracuse Teal [sic] Ave Plant, 100 Lynch St, Syracuse, NY 13210 o Multiple violations of the Clean Water Act since 2018 • SMR Metals, 301 Peat St, Syracuse, NY 13210 o Numerous violations of the Clean Water Act since 2016 Since these facilities do not discharge wastewater onto the subject Site, these listings are not considered a REC.
NYSDEC	AECC submitted a FOIL request to the NYSDEC requesting records related to the subject Site, including petroleum storage tank registrations, spill file information, site characterizations, and site management plans. Petroleum storage tank registrations, spill information, and general site information are summarized in Section 4.1.2 and alongside applicable listing information in Section 4.2.1 above. The NYSDEC also provided additional files, including a building condition consultation report for the Site commissioned by the NYSDEC in April 2009. The consultation report noted that the building is in poor condition and unsafe for a sustained tire removal operation to occur. The consultation report includes photographs, and is included among Appendix N. A Site Characterization Report published in January 2015 was also provided by the NYSDEC. Additional summary of the Site Characterization Report and other provided documents are provided in Section 4.1.2 above, and throughout this report.

4.4 HISTORICAL INFORMATION

A summary of historical information pertaining to the Site and surroundings, obtained from a review of standard historical sources listed in ASTM E1527-13, is presented in the tables below.

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4.4.1 Topographic Maps

Historic topographic maps were available through Environmental Data Resources for the area encompassing the Site. Observations pertaining to each are discussed below. Copies of these topographic maps are contained in Appendix H.

Year(s)	Site	Surroundings
1895 / 1898	The Site is shown to be flat, with a building depicted on the northeastern corner of the Site.	Railroad lines are located along the northern and southern perimeter of the Site. The land west of the Site is shown to be flat and undeveloped. Roadway located along the eastern perimeter of the Site. The Erie Canal is located approximately 500 feet south of the Site.
1938 / 1939	The Site is shown to be flat and undeveloped.	Railroad lines remain located along the northern and southern perimeter of the Site, with additional spurs located to the east of the Site. Partial roadway remaining along eastern perimeter of Site. A large building is located to the west of the Site. The former Erie Canal filled and replaced by roadway (Erie Boulevard) approximately 500 feet south of the Site.
1947	*The site is unmapped.*	The 1947 Topographic Map only covers the area further west of the Site, which appears similar to previous.
1957	Large building and second smaller building or shed are present. The building footprints are depicted encompassing the majority of the Site. Site remains flat.	Railroad lines remain along northern perimeter of Site. Additional roadways present along eastern and southern perimeter of Site. Additional buildings and structures present in vicinity of Site.
1973	Large building footprint remains on Site, with addition of a railroad line spur on the western portion of the Site.	Former railroad lines along northern perimeter of Site replaced by major roadway (Interstate 690). One railroad line and associated spurs remains along southern perimeter of Site. Buildings and roadways remain present in vicinity of Site.
1978	Large building footprint remains, but railroad spur no longer present.	Some additional building / development in the vicinity of the Site.
2013	Site remains flat.	No railroad lines present along border of Site. Roadways remain (similar to previous).

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Year(s)	Site	Surroundings
	Note: The 2013 Topographic Map Series does not depict buildings / structures.	

Former railroad lines on the perimeter of the Site, a railroad spur formerly present on the western portion of the Site, and a large building occupying the Site exhibit the longtime industrial nature of the Site and vicinity.

4.4.2 Sanborn Fire Insurance Maps

A summary of historic Sanborn fire insurance maps provided by Environmental Data Resources (see Appendix I) for the area encompassing the Site is presented below:

Year(s)	Site	Surroundings
1910	"The Globe Malleable Iron and Steel Company (Manufacturers of Iron and Steel Casings)" occupies the Site. Notable features include: • A railroad spur on the western portion of the Site • A large 'Foundry' building with a bare ground / earth floor • Multiple ovens and furnaces for the manufacturing process • An "Oil House" on the eastern portion of the Site, alongside a supplies and storage shed	Railroad lines exist to the north and south of the Site. Greenway Avenue lies along the eastern perimeter of the Site. Immediately east of Greenway Avenue is a concrete constructed "Transformer House", a "Drop Forge Shop" and "Boiler House" with 15,000-gallon Crude Oil Tank. "The Archbold Brady Co. (Structural Steel Works)" facility is also located east of the Site. West of the Site is undeveloped, except for four dwelling structures lining Teall Avenue (approximately 300 feet to the west of the Site).

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Year(s)	Site	Surroundings
1951	The "U.S. Hoffman Machy Corpn (Plant No. 3)" is labeled as occupying the Site. Notable features include: • Railroad spurs on the western portion of the Site • Concrete and wood construction Machinery Shop Building, including heating, hardening, and treating furnaces, drop forges, two spray booths, shot plant, and compressors • "Oil House" storage shed on the eastern portion of the Site	Railroad lines remain to the north and south of the Site. Greenway Avenue exists along the northern-half of the eastern perimeter of the Site, before terminating. The "Finger Lakes Equipment [Corporation] (Repair Shop)" exists to the east of Greenway Avenue. To the south of the Finger Lakes Equipment facility and to the east of the Site is the Globe manufacturing facility. Notably, the Globe facility includes the following oil storage tanks, located approximately 200 feet east of the Site: • Two 42,000-gallon oil tanks • Three 12,000-gallon oil tanks "International Harvester Co. of America" (service, storage, parts, and show room) exists southwest of the Site.
1953	Similar to previous.	Similar to previous.
1964	The "Aero-Fin [Corporation]" (Sheet Metal and Machine Shop, heating coil manufacturers) occupies the Site and same building as previous, with the following notable features and additions: • Building addition / wing for metal storage on northwestern portion of Site • Building broken into 'assembly', 'storage', and 'shop' areas • Oil House formerly on eastern portion of Site no longer present; instead, • A "Transformers" area is present on the central-eastern portion of the Site	Former railroad lines north of Site removed and area undergoing highway construction (Interstate 690). Several out buildings and all oil storage tanks formerly located on property to east of Site no longer present. Finger Lakes Equipment Corporation to east and International Harvester Co. of America to west remain similar to previous.
1968	An oil tank of unknown size / capacity is shown outside the southeastern corner of the building on the Site. Otherwise similar to previous.	Similar to previous.
1971	Slight reorientation of building / shed on northwestern portion of Site. Otherwise similar to previous.	Similar to previous.

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Year(s)	Site	Surroundings
1990	Building remains, but no identified occupant. Transformers on eastern portion of Site and oil tank on southeastern portion of Site remain. Railroad spur no longer present on western portion of Site.	Former Finger Lakes Equipment building east of Site remains, but with no occupant identified. Demolition / removal of portion of former Globe facility east of Site (section of building formerly nearest subject Site). Former International Harvester building remains west of Site, with no identified occupant. Post-Office building now also present west of Site. Former railroad line south of Site removed.

The railroad lines / spurs, former foundry, oil house, transformers, and general manufacturing / industrial history of the Site and surroundings contribute to the potential environmental concerns associated with the Site, and are considered a REC.

4.4.3 Aerial Photographs

A summary of aerial photographs provided by Environmental Data Resources (see Appendix G) is presented below:

Year	Site	Surroundings
1938	Rectangular building oriented north-south encompasses majority of Site. Exterior portions appear to be gravel lot and/or lightly vegetated.	Railroad lines present along northern and southern borders of Site. Large commercial / manufacturing buildings located to immediate west and east of Site. Additional commercial / manufacturing buildings located further west of Site. Apparent residential neighborhood located further north of Site. Lesser density of buildings and development present further east and south of Site.
1951	New building or improved former building present in similar location as previous, with additions on the eastern and southeastern sides. Additional lot space and vehicles on northwestern portion of Site, with some areas of apparent pavement present surrounding building.	Increased density of commercial and industrial properties, particularly further to the east of the Site.
1959	Addition to building on northwestern portion of Site. Otherwise similar to previous.	Similar to previous.

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Year	Site	Surroundings
1966	Similar to previous.	Similar to previous.
1978	Building present similar to previous. Exterior portions of Site appear entirely paved and/or gravel covered, with access around entire building, and with parked vehicles also visible.	Interstate 690 present immediately north of Site. Post Office building and parking lot present west of Site. Partial demolition of industrial / commercial building east of Site. Mixed industrial / commercial / residential south of Site. Electrical grid transformer yard located southeast of Site.
1986	Similar to previous.	Similar to previous.
1988	Similar to previous.	Similar to previous.
1995	Similar to previous.	Several industrial / commercial buildings on property east of Site demolished / removed. Increased general commercial development in greater vicinity of Site.
2006	Site appears abandoned, with building in apparently damaged and poor condition. Re-vegetation of area surrounding building occurring where lots formerly existed.	All former buildings on property east of Site demolished and removed, with one new building located on the eastern end of the property, and an access road and apparent soil / debris / brush / materials storage occurring on the property. Otherwise similar to previous.
2009	Similar to previous.	Similar to previous.
2013	Similar to previous.	Similar to previous.
2017	Similar to previous.	Similar to previous.

In summary, the Site existed as an industrial / commercial facility from the time of the oldest obtained aerial photograph (1938) through 1995. The Site has been essentially abandoned since the late 1990s, during which time the building has existed in poor condition and the exterior portions of the Site have become re-vegetated. The Site has existed in a mixed industrial and commercial area, with some residential areas also located in the vicinity, in an urban setting.

4.4.4 City Directories

Environmental Data Resources provided Polk's City Directory images from 1939 to 1988, a Haines Criss-Cross Directory from 1955, and EDR Digital Archive records from 1992 to 2014, in approximate 5 year intervals. A

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summary of information obtained from these directories is provided below. Copies of the City Directories are contained in Appendix J.

Year	Site	Nearby Properties of Note
1939	Globe Forge & Foundries Inc.	**100 Greenway** – General Material & Wrecking Co Inc. **103 Greenway** – The Epstein Co (cooperage) **210-222 Teall** – International Harvester Co (trucks)
1944	DW Winkelman Co. (Warehouse)	**100 Greenway** – General Material & Wrecking Co Inc. (building materials) **103 Greenway** – Vacant **210-222 Teall** – International Harvester Co (trucks)
1949	US Hoffman Machinery Corp (Plant No. 3)	**100 Greenway** – Finger Lakes Equipment Corp **103 Greenway** – Vacant **210-222 Teall** – International Harvester Co
1955	Aerofin Corp	**100 Greenway** – Finger Lakes Eqpt / Sls Corp **114 Lynch** – Clark Trucking **210 Teall** – International Harvester
1959	Aerofin Corp (heating and cooling coils)	**100 Greenway** – Finger Lakes Eqpt / Sls Corp **100 Greenway** – DW Winkelman Co. Inc. (Warehouse) **116-118 Lynch** – Greene's Storage & Distributing Co. Inc. and Greene's Motor Express Inc. **210-222 Teall** – International Harvester Co
1964	Aerofin Corp (heating apparatus)	**100 Greenway** – Finger Lakes Eqpt / Sls Corp **116 Lynch –** Sim-Bern Provision Co. (wholesale food distributor) **122 Lynch** – Seafood Distributors Inc. **210-222 Teall** – International Harvester Co
1968	Vacant	**100 Greenway** – Vacant **116 Lynch –** Sim-Bern Provision Co. (wholesale food distributor) **122 Lynch** – Seafood Distributors Inc. **210 Teall** – International Harvester Co
1972	Unlisted	**100 Greenway** – Vacant **116 Lynch –** Sim-Bern Provision Co. (wholesale food distributor) **122 Lynch** – Seafood Distributors Inc. **210 Teall** – International Harvester Co

Year	Site	Nearby Properties of Note
1977	-DW Winkelman Co. Inc. -Syracuse Rigging Warehouse	**100 Greenway** – Vacant **116 Lynch –** Sim-Bern Provision Co. (wholesale food distributor) **122 Lynch** – Seafood Distributors Inc. **124 Lynch –** Niagara Mohawk Electric Station **210 Teall** – Buick Opel Showroom
1983	-Liland Enterprises Inc. -Liland Trade & Radiator Service -Thrush Enterprises Inc. -Alloy Metal Strippers -National Cellulose Fiber Inc. (paper products)	**100 Greenway** – Syracuse Rigging (Warehouse) **116 Lynch –** Vacant **122 Lynch** – Seafood Distributors Inc. **124 Lynch –** Niagara Mohawk Electric Station **210 Teall** – Buick Opel Showroom **222 Teall** – Pat Bombard Buick Inc. (Auto Dealers)
1988	-Peter Winkelman Co. Inc. (sales/leasing) -Thrush Enterprises Inc. (paving) -Liland Trade & Radiator Service Inc. -East Com (telecommunication contractors) -Riccelli Haulers -Riluc Company Inc.	**100 Greenway** – Syracuse Rigging Co. Inc. **116 Lynch –** Sandwich Factory & Catering Inc. **122 Lynch** – Seafood Distributors Inc. **124 Lynch –** Niagara Mohawk Electric Station **210 Teall** – Unlisted **222 Teall** – M&M Reclamation Co. Inc. (scrap metal) **226 Teall** – US Post Office **226 Teall** – U-haul Center
1992	-Waste Stream Environmental -Wilcox Manufacturing	**100 Greenway** – Syracuse Rigging Co. Inc. **104 Lynch** – Clark Concrete Co. Inc. **116 Lynch** – Polge Seafood Distributing **122 Lynch** – Seafood Distributors Inc. **222 Teall** – Multiple commercial listings **226 Teall** – US Postal Service
1995	-Riluc Co. Inc. -Waste Stream Environmental	**102 Greenway** – Economy Collision **104 Lynch** – Clark Concrete Co. Inc. **116 Lynch** – Polge Seafood Distributing **222 Teall** – Multiple listings, including Chet Alton Tire Company and Interstate Battery Systems **224 Teall** – Waters Associates **226 Teall** – Unlisted
2000	*Target street not listed / identified*	**104 Lynch** – Clark Concrete Co. Inc. **116 Lynch** – Polge Seafood Distributing **222 Teall** – Multiple commercial listings **226 Teall** – Marty's Towing **226 Teall** – US Postal Service

Year	Site	Nearby Properties of Note
2005	*Target street not listed / identified*	**104 Lynch** – Clark Concrete Co. Inc. **116 Lynch** – Jay N Jen Inc. **222 Teall** – Multiple commercial listings **226 Teall** – Marty's Towing **226 Teall** – US Postal Service
2010	*Target street not listed / identified*	**100 Lynch** – Clark, Teall **100 Lynch** – Cranesville Block Teall **116 Lynch** – Unlisted **222 Teall** – Numerous commercial listings **226 Teall** – Marty's Towing **226 Teall** – US Postal Service
2014	*Target street not listed / identified*	**100 Lynch** – Clark, Teall **116 Lynch** – Jay N Jen Inc. **222 Teall** – Numerous commercial listings **226 Teall** – Unlisted

4.4.5 Property Records

AECC reviewed the Onondaga County Real Property Tax Services online database report pertaining to the Subject Property. The database identifies "GSI of Virginia, Inc. (PO Box 6103, Peter Winkelman Co., Inc., Syracuse, NY 13217-6103)" as the current Owner. According to the database report, GSI of Virginia, Inc. acquired the Site from "Dwight Enterprises. Inc." in 1991.

Other interviews / records have cited Winkelman and relatives as the longtime Owners of the Site, with last known whereabouts being in North Carolina. Site ownership has reportedly been unresponsive to any entity attempting to contact them for decades.

A Title Search was completed by Frontier Abstract and Research Services, Inc. in October 2012. A copy of this Title Search report was provided to AECC by NYSDEC in response to AECC's FOIL request. The Title Report identified the following history of ownership of the Subject Property:

Date	Grantor	Grantee
October 2, 1973	Jean M. Paesch, Dora Alcon, Esther Koplovitz and Sadye Koplovitz	Dwight W. Winkelman
October 1, 1977	Dwight W. Winkelman	Dwight Enterprises, Inc.
October 14, 1981	Dwight Enterprises, Inc.	D.W. Winkelman, Inc.
November 20, 1981	Dwight Enterprises, Inc.	Winkelman, Inc.

Date	Grantor	Grantee
May 1, 1982	Winkelman, Inc.	Dwight Enterprises, Inc.
September 6, 1991 *(Current Deed)*	Peter Winkelman Co., Inc. (Name changed from former Dwight Enterprises, Inc. on September 30, 1982)	GSI of Virginia, Inc.

The Title Report also noted that "Peter Winkelman Company, Inc." was originally identified as "Dwight Rigging and Crane Service, Inc.", incorporated in September 1946.

4.5 Other Record Sources

According to the 1924 Map of Syracuse and Suburbs published by G.M. Hopkins Co., The Globe Malleable Iron and Steel Works occupied the Site and the east-southerly adjacent property (beyond Greenway Avenue) in 1924. Greenway Avenue crossed the eastern portion of the Site in a north-south orientation. The Archbold-Brady Structural Steel Works facility occupied the east-northerly adjacent property. Railroad lines existed along the northern and southern perimeter of the Site. A copy of the map depicting the area of the Site and surroundings is included in Appendix L.

The Aerofin Corporation exists to this day, in Lynchburg, Virginia. The company maintains a website that includes a history page. According to the history page, "Aerofin moved into its own manufacturing facility on Greenway Avenue in Syracuse, New York" in 1950 (corresponding to the time that the current building was constructed on the Site). According to the website, Aerofin moved to Lynchburg, Virginia, in 1965, which is consistent with the general Site history identified during the review of Historical City Directories (see Section 4.4.4 above). Aerofin manufactured light weight heat exchangers in the form of coils, using a spiral wound finned tube design, used mainly for heating and cooling air.

A newspaper article published by Syracuse.com in May 2019 cited the subject Site as the most tax delinquent property in the City, with an outstanding bill exceeding $2.6 million. According to the article, at least 5,000 tires had been illegally dumped at the Site in 2007. The NYSDEC removed the tires located outside of the building in 2014, but tires inside the building remain. It is unsafe to enter the building due to its poor condition and asbestos contamination concerns. A link to the article, which also includes photographs from the Site, is included in Appendix A.

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5.0 SITE RECONNAISSANCE

AECC personnel conducted a limited site reconnaissance on January 3, 2020. At the time of the site reconnaissance the weather was overcast, with no precipitation or significant snow cover.

5.1 METHODOLOGY AND LIMITING CONDITIONS

Due to access limitations and safety concerns, AECC was not able to perform a complete visual reconnaissance of the Site. AECC's reconnaissance was limited to the accessible portions of the perimeter of the Site, and via Greenway Avenue, which currently serves as a limited use access road onto the Site.

AECC took photographs during the site reconnaissance, which are presented in Appendix D.

5.2 GENERAL OBSERVATIONS

The Site is dominated by a former industrial / manufacturing / warehouse building, which remains on the Site in significantly damaged / poor condition. The building is partially collapsed, with several missing walls and holes in the roof. As such, the building appears unsafe to enter.

Greenway Avenue currently serves as a limited access roadway onto the Site. Additional gravel-covered and partially asphalt and/or concrete covered cleared lot space surrounds portions of the building.

Numerous soil and debris piles and berms exist on the Site, containing various trash and other apparent waste materials. The piles and berms are pushed up against the building and along the perimeter of the Site.

Significant vegetative overgrowth is present on portions of the Site, particularly among the soil / debris piles and on the southern portion of the Site.

5.3 ITEMS OF POTENTIAL ENVIRONMENTAL CONCERN

ASTM E 1527-13 provides a list of site characteristics and features to be noted during the site visit:

SITE VISIT SUMMARY			
Potential Environmental Concern	**Observed?**		
	Yes	**Maybe**	**No**
Evidence of Soil Dumping / Landfill / Suspect Fill Material	X		
Solid Waste	X		
Hazardous Substances / Containers		X	
Petroleum Products / Containers		X	
Unidentified Substances / Containers	X		
Aboveground Storage Tanks / Equipment	X		
Underground Storage Tanks / Equipment			X
PCB-Containing Electrical or Mechanical Equipment			X
Drums	X		
Stains or Corrosion	X		

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SITE VISIT SUMMARY			
Potential Environmental Concern	**Observed?**		
	Yes	**Maybe**	**No**
Stained Soil or Pavement	X		
Stressed Vegetation		X	
Odors			X
Pools of Liquid			X
Pits, Ponds, or Lagoons			X
Wastewater			X
Drains and Sumps			X
Septic Systems			X
Oil/Water Separators			X
Wells (Potable Water / Monitoring / Irrigation)	X		
Other Conditions of Concern			X

Items/conditions observed during the site visit are detailed below:

Evidence of Soil Dumping / Landfill / Suspect Fill Material

Multiple piles and berms of soil and debris are present along the exterior perimeter of the building and at the perimeter of the Site. The soil appears to be comprised of a blend of topsoil, sand, gravel / stone, concrete and asphalt debris, and also contains a variety of trash and other debris intermixed (see "Hazardous Substances / Petroleum Products / Unidentified Substances / Containers / Drums / Solid Waste" below).

The origin(s) of the soil/material contained in the piles and berms is unknown, and its presence constitutes a REC.

Hazardous Substances / Petroleum Products / Unidentified Substances / Containers / Drums / Solid Waste

AECC observed varied trash, discarded containers, corroded steel drums, automotive parts, tires, and other waste materials interspersed on and within the soil piles and berms surrounding the building and Site. Such materials were also observed inside the building, where visual review of the interior of the building was possible. It is apparent that improper past storage practices, mishandling, and potential illegal dumping have contributed to the variety of trash and other items that were observed. This observation, alongside the knowledge that such facilities commonly stored and used various petroleum-based products and other chemicals, represents a REC to the Site.

Future use and development of the Site will require that these items be characterized and removed from the Site and properly disposed of. Maintenance of site security (including locked gates and fencing) may help to discourage future / further dumping at the Site (see Section 7.4 – Recommendations).

Aboveground Storage Tank (AST) & Groundwater Monitoring Well

An aboveground steel storage tank estimated at 8,000 to 10,000 gallons in capacity is located outside the southeast corner of the building on the Site. The location of the tank appears to coincide with the location at which a former oil storage tank was depicted on historic Sanborn Fire Insurance Maps. The AST is assumed to be empty, but the interior contents could not be confirmed by AECC's limited reconnaissance.

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A 1-inch diameter PVC temporary groundwater monitoring well was also observed near the AST and the Greenway Avenue access driveway. The well was equipped with a locked cap.

The presence of the AST and nearby monitoring well provides evidence of historical environmental investigation and potential contamination, and contributes to the REC determination.

Stains or Corrosion / Stained Soil or Pavement

Subject building components appear corroded and/or decaying. Visible staining of pavement and concrete on the Site is also present, indicative of past release(s) to Site surfaces. Such staining is considered a *de minimis* condition.

Stressed Vegetation

The observation of stressed vegetation at the Site cannot be separated from typical seasonal conditions and stress, due to the timing of the reconnaissance (performed during wintertime).

5.4 SURROUNDING PROPERTIES

AECC performed a limited (roadside) observation of the properties surrounding the Site:

ADJOINING PROPERTIES				
Direction	**Property Type**	**Owner / Occupant(s)**	**Use**	**Significant Findings**
North	Major Transportation Corridor	Interstate 690	Interstate Roadway	Formerly railroad lines
East	Undeveloped / Vacant	City of Syracuse DPW	Ongoing City of Syracuse DPW Materials Storage	City Crossroads Properties (NY SHWS, site code 734139). Refer to Section 4.2.2 above for additional information.
South (East) *(beyond Lynch Street)**	Commercial	Polge Seafood Industries, Inc.	Cold Storage / Seafood Distributor	None
South (West) *(beyond Lynch Street)**	Commercial	Cranesville Block Co., Inc.	Ready-Mix Concrete Supplier	Cranesville / Clark Concrete is a registered petroleum bulk storage facility with multiple spill files associated (generally surface spills associated with their fleet of concrete mixing trucks).

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ADJOINING PROPERTIES				
Direction	**Property Type**	**Owner / Occupant(s)**	**Use**	**Significant Findings**
West (South)	Commercial / Manufacturing	Sage Teall Properties, LLC / Flower City Glass & Central Restaurant Supply	Manufacturing and Commercial Offices	None
West (North)	Government	United States Postal Service	Post Office	Former registered petroleum bulk storage facility with known contamination (refer to Section 4.2.2, Listing #'s C10, C11 & C14 for additional information.

**A strip of land owned by NY Central Lines, LLC (former railroad) exists along the southern boundary of the Site, between the Site and Lynch Street.*

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6.0 INTERVIEWS

AECC conducted interviews with various parties pertaining to the current and historical uses of the Site. A summary of these interviews is provided in the table below.

INTERVIEWS			
Name / Affiliation	**Role**	**Method**	**Findings**
Mr. Samuel Gordon EDR	User's Representative (Senior Project Manager)	Telephone E-mail	Mr. Gordon provided Site location information and contact information for representatives from the City familiar with the general history of the Site.
Mr. Owen Kerney City of Syracuse	Assistant Director, City Planning Division	E-mail	Mr. Kerney provided some general Site information and background that has been incorporated into the other Sections of this report. According to Mr. Kerney, the Owner of the Site has long moved out-of-state and been out of contact for years. The Owner owes the City in excess of $2 million in taxes. The City is seeking information on current Site conditions in consideration of potential takeover, and for new construction / development. Mr. Kerney noted that Mr. Harry Warner of the NYSDEC possessed some knowledge of the Site.
Mr. Eric Ennis City of Syracuse	Director, Neighborhood and Business Development	E-mail	
Mr. Harry Warner NYSDEC (Region 7)	Regulatory Official (Environmental Engineer)	Telephone	Mr. Warner assisted in locating the Site Characterization Report that was completed in 2014-2015 for the Site (included in Appendix M). Mr. Warner noted that the Site is being managed out of the NYSDEC offices in Albany.
Mr. Payson Long NYSDEC (Albany)	Regulatory Official (Environmental Engineer)	Telephone	Mr. Long provided additional NYSDEC files pertaining to the Site, included in Appendix N and summarized throughout this report.

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7.0 EVALUATION

7.1 DATA GAPS

The following data gaps were encountered during the completion of this assessment:

Data Gap	Sources Consulted to Minimize Data Gap	Significance
AECC was unable to contact current owners of the Site.	Interviews, provided records, historical city directories, municipal records for ownership	Not considered significant. The property Owner resides out of state and has reportedly been unresponsive to contact requests for decades. Interviews with individuals familiar with the Site and other historical records provide significant background information, although information known to past owners has unknown significance.
An environmental questionnaire was not completed for the Site	User interview, municipality representative interview, regulatory agency interview, and other records	Minimally significant, since interviews with individuals familiar with the Site and other identified records provide considerable Site information and environmental background.
Due to limited access and unsafe conditions, AECC was not able to access the interior portions of the Site.	Limited visual review, previous assessments	Potentially significant, since additional concerns not previously identified may exist inside the building. The building is in damaged / poor condition and will likely need to be demolished to advance potential future development plans.

7.2 ADDITIONAL SERVICES

The following BERs (beyond the scope of ASTM E1527-13) were assessed: radon, asbestos, and lead-based paint.

7.2.1 Radon

The USEPA has designated Onondaga County as “Radon Zone 1”, indicating that average indoor radon concentrations within the County are predicted to be greater than 4 pCi/L (the USEPA’s recommended “action level” for radon concentration and mitigation is 4 pCi/L).

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The NYSDOH has compiled data collected from radon tests performed throughout the state, categorized by County and City/Town. Data collected from the basement of 2,782 buildings within the City of Syracuse shows an average radon concentration of 6.73 pCi/L, with 1,304 of the buildings (46.87%) containing a radon concentration greater than 4 pCi/L. Based on this data, if the Site is to be developed, radon is a potential concern that should be considered.

7.2.2 Asbestos

Asbestos was commonly used in building materials prior to 1974. Although the use of asbestos was banned in phases from 1973 to 1990, the bans on most building materials were subsequently overturned, creating the potential for asbestos to be present in building materials installed today. As a result, there is the potential for asbestos to be present in all suspect building materials regardless of date of installation. Based on the date and type of construction of the subject building, asbestos-containing materials are expected to be present, including but not limited to: gypsum wallboard and associated joint compound, insulating materials, and roofing materials. These suspect materials are common in buildings of this type and age. Due to limited access and unsafe building entry conditions, an actual assessment of building materials is not feasible at this time.

According to a limited asbestos-containing building materials survey performed by others in 2013, asbestos-containing materials were identified in/on the building and within the soil / debris piles located on the outside of the building and perimeter of the Site.

7.2.3 Lead-Based Paint

Lead was commonly used in paint prior to 1978. The potential presence of lead-based paint is a concern due to the construction date of the building (1950).

7.3 Conclusions

AECC has performed a Phase I ESA of the abandoned industrial facility (former Winkelman Property), located at 101-13 Greenway Avenue, in the City of Syracuse, Onondaga County, New York, in conformance with the scope and limitations of ASTM Standard E 1527-13.

7.3.1 RECs, HRECs, and CRECs

This assessment identified the following RECs, HRECs, or CRECs in connection with the Site:

- *PCB-Containing Transformer Oil Spill*

  A significant transformer oil spill from three transformers formerly located on the Site occurred in the late 1980s and early 1990s. The contamination went unaddressed by the Property Owner for several years (the facility was abandoned around the same time), resulting in the NYSDEC taking legal action and implementing cleanup activities in 1997-1998. Remedial activities that have occurred to date have reduced PCB concentrations in soil and groundwater in the area of the former transformers to below Industrial Use Cleanup Objectives. The site is also reportedly subject to a Site Management Plan, which represents an institutional control. A Closeout Report from 2016 for this area of past contamination is on record with the NYSDEC. This is considered a CREC.

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- *Tires and Other Solid Waste Inside Damaged Asbestos-Contaminated Building*

  After the facility was abandoned, tires began being illegally dumped on the Site. As many as 5,000 tires were left on the Site by 2007, when a judgement against the default Owner was awarded to the NYSDEC to clean up the noncompliant waste tire storage operations. Several thousand tires were subsequently removed from the exterior portions of the Site; however, an unknown quantity of tires is believed to remain inside of the building, which has become unsafe to enter due to structural concerns and asbestos-contamination. Additional solid waste (unable to be assessed at this time) also appears to remain inside the building. This is considered a REC.

- *Subsurface Fill Material & History of Industrial Use*

  Subsurface soils at the Site include 'cut and fill land', and fill material identified in the subsurface by previous environmental investigations has been described as consisting of "…fly ash and coal, white paste material, foundry sands, and crushed stone". Such fill material often contains contaminants, including SVOC, PCB, and metals. The longtime history of industrial use of the Site and vicinity contributes to the concern that shallow subsurface soils may be impacted by these contaminants, and is considered a REC. A Site Characterization Report completed in 2014-2015, by others, identified these and other contaminants (certain pesticides, acetone) above NYSDEC Unrestricted Use Soil Cleanup Objectives (SCOs).

- *Soil / Debris and Solid Waste Piles / Berms*

  Numerous debris piles and berms containing soil, gravel, asphalt, concrete pieces, and solid waste (including corroded storage drums and automotive parts) are pushed up against the exterior of the building and on the perimeter of the Site. The origin of the material containing in the piles is unknown. Based on the industrial history of the Site, historically documented contamination associated with fill material in the vicinity of the Site, and their appearance / contents, these piles represent a REC. A Site Characterization Report completed in 2014-2015, by others, included some sampling of the debris piles present on the Site at that time. SVOC, metals, and pesticides were detected in the piles that were sampled above NYSDEC Unrestricted Use SCOs. According to the Site Characterization Report, asbestos-containing materials have also been identified on and/or within the debris piles.

- *Abandoned Aboveground Oil Storage Tank*

  An aboveground storage tank (AST), estimated to be 8,000 to 10,000-gallons in capacity, is present outside of the southeast corner of the building. The AST appears to be a former oil storage tank, based on its appearance and location (as represented on Sanborn Fire Insurance Maps from 1968, 1971, and 1990 covering the Site). The AST appears significantly corroded. Due to access limitations and safety concerns, the existing contents of the tank (if any) could not be assessed. No storage tank registration information or tank closure assessment / report has been provided or identified by AECC. The presence and condition of the apparent oil storage tank represents a REC.

7.3.2 *De Minimis* Conditions

Staining of exposed asphalt and concrete is considered a *de minimis* condition at the Site.

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7.3.3 Business Environmental Risks

Radon

Where future development of the Site is planned, consideration should be given to installing a radon mitigation system during the construction of new building(s). The installation of a *passive* mitigation system within any new building(s) during construction would be significantly easier and more cost-effective than installing a mitigation system after the building exists, and would provide the framework for conversion to an *active* mitigation system if elevated radon levels are found to be present in the building following construction. If post-construction testing indicates that radon concentrations exceed the EPA action level, the passive system should be activated and the building(s) re-tested prior to occupancy to determine that radon levels are being maintained below recommended limits. Radon testing should be performed by a third-party air-monitoring contractor, with certified results by an authorized testing laboratory.

Asbestos-Containing Materials

Based on prior investigation that has been completed at the Site, asbestos-containing materials, common in buildings of this type and age, are present at the Site. Due to limited access and safety concerns caused by the poor and damaged condition of the building, an updated and/or more thorough hazardous building materials assessment (including asbestos survey) is not feasible. Asbestos-containing building materials and assumed asbestos-containing building materials and associated debris must be handled under applicable regulations governing asbestos handling, transport, and disposal. Soil / debris piles containing asbestos will also need to be handled as asbestos-containing material.

Prior to conducting any demolition activities at the Site, it is expected that a Site-Specific Variance Petition to the NYS Department of Labor (NYSDOL) will be required so that the assumed asbestos-containing materials (ACMs) can be appropriately and safely handled and disposed of. Suspect ACMs that will be disturbed during future demolition activities are required to be abated by a licensed contractor in accordance with applicable regulations, including USEPA's National Emission Standards for Hazardous Air Pollutants (NESHAP).

Lead-Based Paint

The potential presence of lead-based paint is a concern due to the construction date of the building. Prior to demolition activities that may be planned, paints at the site should be tested for the presence of lead (or assumed to contain lead) and handled / disposed of in accordance with applicable state and federal regulations.

7.3.4 Other Conditions of Concern

Site Management Practices

It is critical that Site security be maintained, including the expansion of fencing and implementation of other control measures such as posted signage and surveillance systems, to discourage vandalism and illegal dumping. As is, due to the appearance of the Site, additional dumping is likely to occur. In addition, the building and associated debris piles present a health and safety risk to individuals that may try to access the Site.

Former PBS Facility with History of Contamination West of Subject Site (US Post Office, 226 Teall Avenue)

The US Post Office property formerly operated 6,000-gallon gasoline USTs (the first from 1977 to 1990, and the second from 1990 to 1998) to the immediate west of the subject Site. NYSDEC spill number 98-08035 was assigned to the Post Office facility when contamination was encountered during the removal of the second of the USTs from the facility. The spill file has been closed, but without meeting cleanup standards. No analytical

data was submitted with the closeout of the second UST. This condition represents a concern to the subject Site, due to the potential for contamination to be present on the subject Site as a result of migration with groundwater flow, and for associated vapor encroachment concerns.

7.4 RECOMMENDATIONS

Redevelopment of the Site will require significant effort to appropriately characterize and address environmental concerns that exist at the Site. At a minimum, it is expected that the following steps will need to be taken:

- Characterization of soil / debris piles and berms will be necessary before they can be handled. Based on previous assessments, it is likely that the piles contain contaminants that may prevent their reuse on-site in a functional capacity. Trash, debris, discarded containers and drums, automobile parts, and other debris that exists within the fill and elsewhere on the property represents a regulated solid waste, and, As a result, the associated material will likely need to be transported off-site for disposal at a New York State-permitted solid waste management facility.
- The apparent 8,000 to 10,000-gallon former oil storage AST outside the southeast corner of the building should be assessed and closed according to NYSDEC regulations. Such closure will require the pump and cleanout of any residual product (if any) still inside the tank, removal of the tank from the Site, and the collection of soil samples from beneath and around the former tank location for common petroleum contaminants.
- Controlled demolition of the damaged and asbestos-contaminated building will be necessary, as it presents an environmental, health, and safety risk to any Site occupants. Associated building materials and any remaining contents inside of the building will need to be appropriately transported and disposed of at a New York State permitted solid waste management facility certified to receive asbestos-contaminated waste. Coordination with the NYSDOL Asbestos Control Bureau will be necessary prior to commencement of controlled demolition activities, and an appropriately certified contractor will be required to perform the work.
- Screening and/or characterization of subsurface soils will be necessary prior to or alongside any earthwork associated with new development of the Site. Fill material potentially containing contaminants requiring special handling is expected to be encountered, based on the history of the Site and past environmental investigations that have occurred at the Site. The cost and scope of such screening and characterization would be dependent on the scope, breadth, and results of previous investigation / characterization that have occurred at the Site.
- Mention of a Site Management Plan pertaining to the Site was identified during the course of completing this assessment; however, such Plan was not provided or obtained. The Plan should be located, if it exists, and should be followed when planning and executing any intrusive on-site activities. The Plan should be updated if and when any new information regarding site conditions becomes available. The Site Management Plan should also be updated to reflect any future remediation/removal actions that occur, and any other substantive changes to the property condition and use. If a Plan does not exist or cannot be located, the drafting of a Plan is recommended.
- Potential vapor encroachment / intrusion concerns should be more extensively evaluated in the event that the site is planned to be occupied or re-developed. Depending upon the findings of the vapor encroachment assessment, installation of a sub-slab vapor mitigation system within any new

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building constructed on the Site may be necessary. A passive or active vapor mitigation system could be installed with little impact to the cost of new construction. Such a system, if properly designed and operated, would also mitigate any radon concerns.

- Upon discovery of contamination at the Site, the NYSDEC would need to be notified, and could require further remediation.

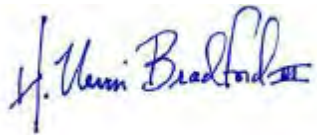
AECC is available to further discuss the above-listed items with EDR and the City of Syracuse.

7.5 Environmental Professional Signature and Statement

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. My resume has been included in Appendix C.



Drew Brantner
Project Manager



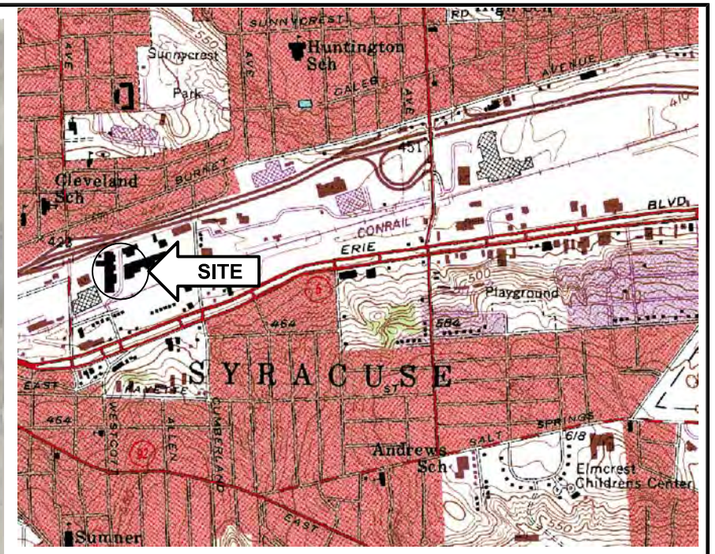
H. Nevin Bradford, III, P.E.
Vice President / Senior Environmental Engineer

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FIGURE 1

SITE PLAN





SITE LOCATION

LEGEND:

APPROXIMATE PROPERTY LINE

NOTES:

1. AERIAL PHOTOGRAPH FROM GOOGLE EARTH WEBSITE (PHOTO TAKEN APRIL, 2017).
2. APPROXIMATE PROPERTY LINE BASED ON ONONDAGA COUNTY REAL PROPERTY TAX MAPS AND GIS INFORMATION.
3. ALL LOCATIONS ARE APPROXIMATE.

0 100' 200'

GRAPHIC SCALE

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AECC
ENVIRONMENTAL CONSULTING
Asbestos & Environmental Consulting Corporation
6308 Fly Road
East Syracuse, NY 13057

PROJECT NO.	19-285
DRAWN:	JAN 2020
DRAWN BY:	DB
CHECKED BY:	HNB

Former Winkelman Property
Tax Parcel ID # 032.1-01-26.0
101-13 Greenway Avenue
City of Syracuse, New York 13210

Site Plan

FIGURE
1

Appendix D ENVIRONMENTAL AGENCY DATABASE SEARCH REPORT

102 Greenway
102 Greenway
Syracuse, NY 13210

Inquiry Number: 6251255.2s
November 03, 2020

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

102 GREENWAY
SYRACUSE, NY 13210

COORDINATES

Latitude (North):	43.0522700 - 43° 3' 8.17''
Longitude (West):	76.1186530 - 76° 7' 7.15''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	408894.8
UTM Y (Meters):	4767011.5
Elevation:	417 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5938263 SYRACUSE EAST, NY
Version Date:	2013
West Map:	5937769 SYRACUSE WEST, NY
Version Date:	2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150508
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
102 GREENWAY
SYRACUSE, NY 13210

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	CROSSROADS PARK(CITY	102 GREENWAY AVENUE	NY RGA LF		TP
A2	FORMER WINKLEMAN BUI	LYNCH STREET	NY Spills	Higher	75, 0.014, SSW
A3	NYSDEC/SPILL	101 GREENWAY AVE	NY SHWS, NY CBS, RCRA NonGen / NLR, FINDS, ECHO,...	Higher	105, 0.020, West
A4	LAKELAWN TRANSPORT C	101 GREENWAY AVE	RCRA NonGen / NLR	Higher	105, 0.020, West
A5	WINKLEMAN PROPERTY	101-113 GREENWAY AVE	SEMS	Higher	105, 0.020, West
A6	WASTESTREAM ENVIRONM	101 GREENWAY AVE.	NY CBS AST	Higher	105, 0.020, West
A7	PETER WINKELMAN CO.	101 GREENWAY AVE.	NY HSWDS	Higher	105, 0.020, West
B8	SYRACUSE RIGGING CO	100 GREENWAY AVE	RCRA NonGen / NLR, NY MANIFEST	Higher	216, 0.041, SW
B9	NYSDOT	100 GREENWAY AVE	NY MANIFEST	Higher	216, 0.041, SW
B10	NYSDOT BIN 4443240 D	100 GREENWAY AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	216, 0.041, SW
B11	SPILL NUMBER 0109727	116 LYNCH ST	NY Spills	Higher	237, 0.045, SSW
B12	GROUND	110 LYNCH ST	NY Spills	Higher	266, 0.050, SSW
C13	CITY OF SYRACUSE	226 TEALL AVE	NY LTANKS, NY Spills	Higher	514, 0.097, West
C14	U.S. POSTAL SERVICE	226 TEALL AVE	NY UST	Higher	514, 0.097, West
C15	TEALL AVE POST OFFIC	TEALL AVENUE	NY Spills	Higher	536, 0.102, West
16	JUNKYARD NEAR	1807 ERIE BLVD	NY LTANKS, NY Spills	Higher	558, 0.106, SSE
D17	CLARK CONCRETE DIVIS	100 LYNCH ST	NY AST	Higher	573, 0.109, SW
D18	CLARK CONCRETE DIVIS	100 LYNCH ST	NY UST	Higher	573, 0.109, SW
D19	CLARK'S CONCRETE	TEAL AVENUE	NY Spills	Higher	575, 0.109, SW
D20	CLARK CONCRETE	TEAL AVENUE/LYNCH ST	NY Spills	Higher	575, 0.109, SW
D21	CLARKS CONCRETE	TEALL AVE & ERIE BLV	NY Spills	Higher	575, 0.109, SW
D22	CLARK CONCRETE	LYNCH STREET	NY Spills	Higher	575, 0.109, SW
D23	CONSOLIDATED RAIL CO	TEAL AVE & PEAT ST	RCRA NonGen / NLR	Higher	579, 0.110, SW
E24	WINKLEMAN CO. INC.	222 TEAL AVE	NY Spills	Higher	624, 0.118, WSW
F25	HALLAMORE CORP	201 PETE STREET	NY LTANKS	Higher	627, 0.119, East
26	SYRACUSE DPW	ERIE BLVD E/LOMBARD	NY Spills	Higher	644, 0.122, South
C27	TEALL AVENUE WAREHOU	222 TEALL AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	704, 0.133, West
E28	222 TEALL AVE	220 - 222 TEALL AVE	NY AST	Higher	705, 0.134, West
G29	SYRACUSE MATERIALS R	301 PEAT ST	RCRA NonGen / NLR	Higher	710, 0.134, ENE
G30	SYRACUSE MATERIALS R	301 PEAT ST	NY SWF/LF, NY SWRCY, NY MANIFEST, NY SPDES	Higher	710, 0.134, ENE
G31	FORMER SYRACUSE RIGG	341 PEAT STREET	NY INST CONTROL, NY ERP	Higher	735, 0.139, ENE
G32	CITY CROSSROADS PARK	341 PEAT ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	735, 0.139, ENE
G33	JC SMITH INC.	345 PEAT ST	NY LTANKS	Higher	737, 0.140, ENE
G34	J C SMITH INC	345 PEAT ST	RCRA-SQG, NY MANIFEST	Higher	737, 0.140, ENE
H35	FAMILY DOLLAR STORE	1915 ERIE BLVD E	NY Spills, NY MANIFEST	Higher	747, 0.141, ESE
H36	1915 ERIE BLVD. E.,	1915 ERIE BLVD. E.	NY UST	Higher	747, 0.141, ESE
H37	FAMILY DOLLAR STORE	1915 ERIE BLVD E	RCRA-VSQG	Higher	747, 0.141, ESE
38	NYSDOT BRIDGE BIN 10	I-690 EB OVER RAMP T	RCRA NonGen / NLR, NY MANIFEST	Higher	759, 0.144, WNW
F39	HALLAMORE MOTOR TRAN	201 PEAT ST	NY LTANKS, NY UST	Higher	763, 0.145, East

MAPPED SITES SUMMARY

Target Property Address:
102 GREENWAY
SYRACUSE, NY 13210

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
I40	MACLAW & ALLAN INC	1860 ERIE BLVD E	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	773, 0.146, SE
I41	R B WOODCRAFT INC	1860 ERIE BLVD E 1ST	RCRA-SQG, FINDS, ECHO, NY MANIFEST	Higher	773, 0.146, SE
E42	SYRACUSE RERS	227 TEALL AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	783, 0.148, WSW
G43	CITY OF SYRACUSE - P	100 CITY CROSSROADS	NY SWF/LF	Higher	800, 0.152, ENE
E44	RAULLI & SONS INC	213 TEALL AVE	NY UST	Higher	809, 0.153, WSW
J45	SUNOCO #0363-9598	1701 ERIE BLVD EAST	NY UST, NY AST	Higher	922, 0.175, SW
J46	SUNOCO SERVICE STATI	1701 ERIE BLVD E	RCRA NonGen / NLR, FINDS, ECHO	Higher	922, 0.175, SW
J47	BRISTOL MYERS	THOMPSON ROAD	NY LTANKS	Higher	952, 0.180, SSW
K48	CITY OF SYRACUSE DPW	100 CROSSROAD PARK	NY SWF/LF	Higher	961, 0.182, NE
L49	337 RIEGEL AVE.	337 RIEGEL AVE	NY LTANKS	Higher	980, 0.186, NNE
L50	MC'S + FIELDS TOWING	337 RIEGEL STREET	NY SWF/LF, NY Spills	Higher	980, 0.186, NNE
L51	SYRACUSE RIGGING	PEAT STREET/GREENWAY	NY LTANKS	Higher	995, 0.188, NNE
K52	CSX TRANSPORTATION I	342 PEAT ST	NJ MANIFEST	Higher	1025, 0.194, NE
K53	CSX TRANSPORTATION I	342 PEAT ST	NY Spills, NY MANIFEST	Higher	1025, 0.194, NE
K54	CSX TRANSPORTATION I	342 PEAT ST	RCRA-VSQG, FINDS, ECHO	Higher	1025, 0.194, NE
K55	CONRAIL MAINT SHOP	342 PEAT STREET	NY LTANKS, NY Spills	Higher	1025, 0.194, NE
K56	PEAT ST M/W FACILITY	342 PEAT ST	NY TANKS, NY Spills	Higher	1025, 0.194, NE
J57	KASSEL AUTO PARTS OF	121 TEALL AVENUE	NY SWF/LF, NY LTANKS	Higher	1049, 0.199, SW
58	ERIE BLVD	2000 ERIE BL EAST	NY LTANKS	Higher	1057, 0.200, ESE
M59	FORMER NEW YORK TELE	1720 ERIE BLVD EAST	NY UST	Higher	1062, 0.201, SSW
N60	U-HAUL ON TEAL AVE	TEAL AND 1001 CANAL	NY LTANKS	Higher	1065, 0.202, West
N61	U-HAUL CENTER OF TEA	1001 CANAL ST	NY UST	Higher	1065, 0.202, West
N62	SYRACUSE DPW - CANAL	CANAL STREET	NY LTANKS	Higher	1115, 0.211, West
N63	SYRACUSE DPW	L200 W. CANAL ST	NY LTANKS	Higher	1115, 0.211, West
64	AMERICAN DISPOSAL	EAST JAMES STREET	NY LTANKS	Higher	1151, 0.218, WNW
M65	1700 ERIE BLVD. E. I	1700 ERIE BLVD EAST	NY UST	Higher	1164, 0.220, SSW
L66	NYSDEC REGION 7	1504 BURNET AVE	PA MANIFEST	Higher	1184, 0.224, NNE
L67	PASCARELLA'S TOWING	1504 BURNET AVE	NY SWF/LF, NY Spills, NY MANIFEST	Higher	1184, 0.224, NNE
L68	NEW YORK STATE DEPT	1504 BURNET AVE	RCRA NonGen / NLR	Higher	1184, 0.224, NNE
L69	PASCARELLA'S TOWING	1504 BURNET AVE	NY AST	Higher	1184, 0.224, NNE
O70	ERIE BLVD MOBIL	1641 ERIE BLVD E	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	1201, 0.227, SW
O71	1641 ERIE BLVD EAST	1641 ERIE BLVD EAST	NY UST	Higher	1201, 0.227, SW
72	IROQUOIS PLUMBING	2043 ERIE BLVD EAST	NY UST	Higher	1205, 0.228, East
L73	ST ANDREW MARGARITE	1508 BURNET AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	1230, 0.233, NNE
N74	SYRACUSE U-HAUL SRU	960 CANAL ST	NY AST	Higher	1257, 0.238, West
N75	U-HAUL SERVICE CENTE	960 CANAL ST	RCRA-VSQG, FINDS, ECHO, NY MANIFEST	Higher	1257, 0.238, West
76	IRA-TAS REFINISHERS	1120 BURNET AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	1259, 0.238, WNW
77	ROLLING GREEN ESTATE	E. FAYETTE & WESTMOR	NY LTANKS	Higher	1712, 0.324, SE
P78	ERIE BLVD EAST	1430 ERIE BLVD E	NY LTANKS, NY Spills	Higher	2040, 0.386, WSW

MAPPED SITES SUMMARY

Target Property Address:
102 GREENWAY
SYRACUSE, NY 13210

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
P79	ZIP ZIP MINI MARKET	1410 ERIE BOULEVARD	NY ERP, NY Spills	Higher	2071, 0.392, WSW
80	SIMS MATCHPLATE	2176 ERIE BLVD E	RCRA-SQG, NY ERP, NY MANIFEST	Higher	2353, 0.446, East
81	SYRACUSE WATER DEPT.	101 BEACH STREET	NY LTANKS	Higher	2356, 0.446, WSW
82	SYRACUSE D P W	1200 CANAL ST EXT	NY SWF/LF, NY LTANKS, NY Spills, NY MANIFEST	Higher	2431, 0.460, ENE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
CROSSROADS PARK(CITY 102 GREENWAY AVENUE SYRACUSE, NY	NY RGA LF	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System

US ENG CONTROLS Engineering Controls Sites List
US INST CONTROLS Institutional Controls Sites List

Federal ERNS list

ERNS Emergency Response Notification System

State and tribal leaking storage tank lists

INDIAN LUST Leaking Underground Storage Tanks on Indian Land
NY HIST LTANKS Listing of Leaking Storage Tanks

State and tribal registered storage tank lists

FEMA UST Underground Storage Tank Listing
NY CBS UST Chemical Bulk Storage Database
NY MOSF UST Major Oil Storage Facilities Database
NY MOSF Major Oil Storage Facility Site Listing
NY MOSF AST Major Oil Storage Facilities Database
INDIAN UST Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

NY RES DECL Restrictive Declarations Listing
NY ENG CONTROLS Registry of Engineering Controls

State and tribal voluntary cleanup sites

NY VCP Voluntary Cleanup Agreements
INDIAN VCP Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

NY BROWNFIELDS Brownfields Site List

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

NY SWTIRE Registered Waste Tire Storage & Facility List
INDIAN ODI Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 Torres Martinez Reservation Illegal Dump Site Locations
ODI Open Dump Inventory
IHS OPEN DUMPS Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL Delisted National Clandestine Laboratory Register
NY DEL SHWS Delisted Registry Sites
US CDL National Clandestine Laboratory Register

NY PFAS ---- PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

NY HIST UST ---- Historical Petroleum Bulk Storage Database
NY HIST AST ---- Historical Petroleum Bulk Storage Database

Local Land Records

NY LIENS ---- Spill Liens Information
LIENS 2 ---- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
NY Hist Spills ---- SPILLS Database
NY SPILLS 90 ---- SPILLS 90 data from FirstSearch
NY SPILLS 80 ---- SPILLS 80 data from FirstSearch

Other Ascertainable Records

FUDS ---- Formerly Used Defense Sites
DOD ---- Department of Defense Sites
SCRD DRYCLEANERS ---- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---- Financial Assurance Information
EPA WATCH LIST ---- EPA WATCH LIST
2020 COR ACTION ---- 2020 Corrective Action Program List
TSCA ---- Toxic Substances Control Act
TRIS ---- Toxic Chemical Release Inventory System
SSTS ---- Section 7 Tracking Systems
ROD ---- Records Of Decision
RMP ---- Risk Management Plans
RAATS ---- RCRA Administrative Action Tracking System
PRP ---- Potentially Responsible Parties
PADS ---- PCB Activity Database System
ICIS ---- Integrated Compliance Information System
FTTS ---- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ---- Material Licensing Tracking System
COAL ASH DOE ---- Steam-Electric Plant Operation Data
COAL ASH EPA ---- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---- PCB Transformer Registration Database
RADINFO ---- Radiation Information Database
HIST FTTS ---- FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ---- Incident and Accident Data
CONSENT ---- Superfund (CERCLA) Consent Decrees
INDIAN RESERV ---- Indian Reservations
FUSRAP ---- Formerly Utilized Sites Remedial Action Program
UMTRA ---- Uranium Mill Tailings Sites
LEAD SMELTERS ---- Lead Smelter Sites
US AIRS ---- Aerometric Information Retrieval System Facility Subsystem
US MINES ---- Mines Master Index File
ABANDONED MINES ---- Abandoned Mines
DOCKET HWC ---- Hazardous Waste Compliance Docket Listing
UXO ---- Unexploded Ordnance Sites

FUELS PROGRAM EPA Fuels Program Registered Listing
NY AIRS Air Emissions Data
NY COAL ASH Coal Ash Disposal Site Listing
NY DRYCLEANERS Registered Drycleaners
NY E DESIGNATION E DESIGNATION SITE LISTING
NY Financial Assurance Financial Assurance Information Listing
NY VAPOR REOPENED Vapor Intrusion Legacy Site List
NY UIC Underground Injection Control Wells
NY COOLING TOWERS Registered Cooling Towers
NY LEAD Lead-based Paint Testing Results
MINES MRDS Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP EDR Proprietary Manufactured Gas Plants
EDR Hist Auto EDR Exclusive Historical Auto Stations
EDR Hist Cleaner EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

NY RGA HWS Recovered Government Archive State Hazardous Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 07/29/2020 has revealed that there is 1 SEMS

site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WINKLEMAN PROPERTY Site ID: 0206318 EPA Id: NYC200400349	101-113 GREENWAY AVE	W 0 - 1/8 (0.020 mi.)	A5	19

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/15/2020 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
J C SMITH INC EPA ID:: NYR000178798	***345 PEAT ST***	***ENE 1/8 - 1/4 (0.140 mi.)***	***G34***	***124***
R B WOODCRAFT INC EPA ID:: NYR000036749	***1860 ERIE BLVD E 1ST***	***SE 1/8 - 1/4 (0.146 mi.)***	***I41***	***157***

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 06/15/2020 has revealed that there are 3 RCRA-VSQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FAMILY DOLLAR STORE EPA ID:: NYR000215186	1915 ERIE BLVD E	ESE 1/8 - 1/4 (0.141 mi.)	H37	139
CSX TRANSPORTATION I EPA ID:: NYR000223560	***342 PEAT ST***	***NE 1/8 - 1/4 (0.194 mi.)***	***K54***	***194***
U-HAUL SERVICE CENTE EPA ID:: NYD981558331	***960 CANAL ST***	***W 1/8 - 1/4 (0.238 mi.)***	***N75***	***251***

State- and tribal - equivalent CERCLIS

NY SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state

funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Inactive Hazardous waste Disposal Sites in New York State.

A review of the NY SHWS list, as provided by EDR, and dated 08/10/2020 has revealed that there is 1 NY SHWS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYSDEC/SPILL	***101 GREENWAY AVE***	***W 0 - 1/8 (0.020 mi.)***	***A3***	***9***
Site Code: 57865				

State and tribal landfill and/or solid waste disposal site lists

NY SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the NY SWF/LF list, as provided by EDR, and dated 07/01/2020 has revealed that there are 7 NY SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SYRACUSE MATERIALS R	***301 PEAT ST***	***ENE 1/8 - 1/4 (0.134 mi.)***	***G30***	***82***
CITY OF SYRACUSE - P	100 CITY CROSSROADS	ENE 1/8 - 1/4 (0.152 mi.)	G43	170
CITY OF SYRACUSE DPW	100 CROSSROAD PARK	NE 1/8 - 1/4 (0.182 mi.)	K48	186
MC'S + FIELDS TOWING	***337 RIEGEL STREET***	***NNE 1/8 - 1/4 (0.186 mi.)***	***L50***	***188***
KASSEL AUTO PARTS OF	***121 TEALL AVENUE***	***SW 1/8 - 1/4 (0.199 mi.)***	***J57***	***202***
PASCARELLA'S TOWING	***1504 BURNET AVE***	***NNE 1/8 - 1/4 (0.224 mi.)***	***L67***	***221***
SYRACUSE D P W	***1200 CANAL ST EXT***	***ENE 1/4 - 1/2 (0.460 mi.)***	***82***	***275***

State and tribal leaking storage tank lists

NY LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the NY LTANKS list, as provided by EDR, and dated 05/12/2020 has revealed that there are 19 NY LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY OF SYRACUSE	***226 TEALL AVE***	***W 0 - 1/8 (0.097 mi.)***	***C13***	***40***
Spill Number/Closed Date: 8709499 / 1988-05-20				
Site ID: 93977				
Spill Date: 1988-02-08				
JUNKYARD NEAR	***1807 ERIE BLVD***	***SSE 0 - 1/8 (0.106 mi.)***	***16***	***47***
Spill Number/Closed Date: 8803911 / 1988-09-06				
Site ID: 87589				
Spill Date: 1988-08-03				
HALLAMORE CORP	201 PETE STREET	E 0 - 1/8 (0.119 mi.)	F25	68
Spill Number/Closed Date: 9112880 / 1993-01-12				

Site ID: 127597 Spill Date: 1992-03-17				
JC SMITH INC. Spill Number/Closed Date: 0101969 / 2002-07-05 Site ID: 197079 Spill Date: 2001-05-18	345 PEAT ST	ENE 1/8 - 1/4 (0.140 mi.)	G33	123
HALLAMORE MOTOR TRAN Spill Number/Closed Date: 8706610 / 1987-12-08 Site ID: 159118 Spill Date: 1987-11-04	***201 PEAT ST***	***E 1/8 - 1/4 (0.145 mi.)***	***F39***	***147***
BRISTOL MYERS Spill Number/Closed Date: 8907449 / 1990-03-14 Site ID: 327855 Spill Date: 1989-10-24	THOMPSON ROAD	SSW 1/8 - 1/4 (0.180 mi.)	J47	185
337 RIEGEL AVE. Spill Number/Closed Date: 9211478 / 1993-07-28 Site ID: 134623 Spill Date: 1993-01-06	337 RIEGEL AVE	NNE 1/8 - 1/4 (0.186 mi.)	L49	187
SYRACUSE RIGGING Spill Number/Closed Date: 9413575 / 1995-01-12 Site ID: 330594 Spill Date: 1994-12-15	PEAT STREET/GREENWAY	NNE 1/8 - 1/4 (0.188 mi.)	L51	190
CONRAIL MAINT SHOP Spill Number/Closed Date: 9107749 / 1991-11-04 Site ID: 239107 Spill Date: 1991-10-18	***342 PEAT STREET***	***NE 1/8 - 1/4 (0.194 mi.)***	***K55***	***199***
KASSEL AUTO PARTS OF Spill Number/Closed Date: 0650669 / 2007-01-03 Site ID: 367557 Spill Date: 2006-06-29	***121 TEALL AVENUE***	***SW 1/8 - 1/4 (0.199 mi.)***	***J57***	***202***
ERIE BLVD Spill Number/Closed Date: 0200422 / 2003-11-05 Site ID: 263429 Spill Date: 2002-04-12	2000 ERIE BL EAST	ESE 1/8 - 1/4 (0.200 mi.)	58	204
U-HAUL ON TEAL AVE Spill Number/Closed Date: 9306127 / 1993-12-31 Site ID: 320943 Spill Date: 1993-08-12	TEAL AND 1001 CANAL	W 1/8 - 1/4 (0.202 mi.)	N60	207
SYRACUSE DPW - CANAL Spill Number/Closed Date: 8606405 / 1991-04-30 Site ID: 107097 Spill Date: 1987-01-14	CANAL STREET	W 1/8 - 1/4 (0.211 mi.)	N62	211
SYRACUSE DPW Spill Number/Closed Date: 8606593 / 1987-12-31 Site ID: 255795 Spill Date: 1987-01-26	L200 W. CANAL ST	W 1/8 - 1/4 (0.211 mi.)	N63	212
AMERICAN DISPOSAL Spill Number/Closed Date: 8709494 / 2003-10-22 Site ID: 318718 Spill Date: 1988-02-08	EAST JAMES STREET	WNW 1/8 - 1/4 (0.218 mi.)	64	213
ROLLING GREEN ESTATE	E. FAYETTE & WESTMOR	SE 1/4 - 1/2 (0.324 mi.)	77	260

Spill Number/Closed Date: 9206162 / 1993-04-06
Site ID: 145718
Spill Date: 1992-08-27

ERIE BLVD EAST ***1430 ERIE BLVD E*** ***WSW 1/4 - 1/2 (0.386 mi.)*** ***P78*** ***261***
Spill Number/Closed Date: 8901772 / 2004-05-07
Site ID: 315880
Spill Date: 1989-05-22

SYRACUSE WATER DEPT. 101 BEACH STREET WSW 1/4 - 1/2 (0.446 mi.) 81 274
Spill Number/Closed Date: 8704520 / 1987-09-01
Site ID: 63320
Spill Date: 1987-09-01

SYRACUSE D P W ***1200 CANAL ST EXT*** ***ENE 1/4 - 1/2 (0.460 mi.)*** ***82*** ***275***
Spill Number/Closed Date: 1008412 / 2011-01-03
Spill Number/Closed Date: 0111943 / 2003-10-31
Spill Number/Closed Date: 9711008 / 1998-01-05
Site ID: 441903
Site ID: 193574
Site ID: 301626
Spill Date: 2010-11-10
Spill Date: 2002-03-19
Spill Date: 1997-12-31

State and tribal registered storage tank lists

NY UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the NY UST list, as provided by EDR, has revealed that there are 11 NY UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
U.S. POSTAL SERVICE Database: UST, Date of Government Version: 06/22/2020	226 TEALL AVE	W 0 - 1/8 (0.097 mi.)	C14	43
CLARK CONCRETE DIVIS Database: UST, Date of Government Version: 06/22/2020	100 LYNCH ST	SW 0 - 1/8 (0.109 mi.)	D18	55
1915 ERIE BLVD. E., Database: UST, Date of Government Version: 06/22/2020	1915 ERIE BLVD. E.	ESE 1/8 - 1/4 (0.141 mi.)	H36	132
HALLAMORE MOTOR TRAN Database: UST, Date of Government Version: 06/22/2020	***201 PEAT ST***	***E 1/8 - 1/4 (0.145 mi.)***	***F39***	***147***
RAULLI & SONS INC Database: UST, Date of Government Version: 06/22/2020	213 TEALL AVE	WSW 1/8 - 1/4 (0.153 mi.)	E44	172
SUNOCO #0363-9598 Database: UST, Date of Government Version: 06/22/2020	***1701 ERIE BLVD EAST***	***SW 1/8 - 1/4 (0.175 mi.)***	***J45***	***174***
FORMER NEW YORK TELE Database: UST, Date of Government Version: 06/22/2020	1720 ERIE BLVD EAST	SSW 1/8 - 1/4 (0.201 mi.)	M59	206
U-HAUL CENTER OF TEA Database: UST, Date of Government Version: 06/22/2020	1001 CANAL ST	W 1/8 - 1/4 (0.202 mi.)	N61	208
1700 ERIE BLVD. E. I Database: UST, Date of Government Version: 06/22/2020	1700 ERIE BLVD EAST	SSW 1/8 - 1/4 (0.220 mi.)	M65	214

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
1641 ERIE BLVD EAST Database: UST, Date of Government Version: 06/22/2020	1641 ERIE BLVD EAST	SW 1/8 - 1/4 (0.227 mi.)	O71	236
IROQUOIS PLUMBING Database: UST, Date of Government Version: 06/22/2020	2043 ERIE BLVD EAST	E 1/8 - 1/4 (0.228 mi.)	72	240

NY CBS: These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

A review of the NY CBS list, as provided by EDR, and dated 06/22/2020 has revealed that there is 1 NY CBS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYSDEC/SPILL Facility Status: Unregulated/Closed CBS Number: 7-000118	***101 GREENWAY AVE***	***W 0 - 1/8 (0.020 mi.)***	***A3***	***9***

NY AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the NY AST list, as provided by EDR, has revealed that there are 5 NY AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLARK CONCRETE DIVIS Database: AST, Date of Government Version: 06/22/2020 Facility Id: 7-380466	100 LYNCH ST	SW 0 - 1/8 (0.109 mi.)	D17	49
222 TEALL AVE Database: AST, Date of Government Version: 06/22/2020 Facility Id: 7-601638	220 - 222 TEALL AVE	W 1/8 - 1/4 (0.134 mi.)	E28	76
SUNOCO #0363-9598 Database: AST, Date of Government Version: 06/22/2020 Facility Id: 7-128007	***1701 ERIE BLVD EAST***	***SW 1/8 - 1/4 (0.175 mi.)***	***J45***	***174***
PASCARELLA'S TOWING Database: AST, Date of Government Version: 06/22/2020 Facility Id: 7-601202	1504 BURNET AVE	NNE 1/8 - 1/4 (0.224 mi.)	L69	226
SYRACUSE U-HAUL SRU Database: AST, Date of Government Version: 06/22/2020 Facility Id: 7-601489	960 CANAL ST	W 1/8 - 1/4 (0.238 mi.)	N74	248

NY CBS AST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the NY CBS AST list, as provided by EDR, and dated 01/01/2002 has revealed that there is

1 NY CBS AST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WASTESTREAM ENVIRONM Facility Status: 2 Facility Status: 1 CBS Number: 7-000118	101 GREENWAY AVE.	W 0 - 1/8 (0.020 mi.)	A6	20

NY TANKS: This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

A review of the NY TANKS list, as provided by EDR, has revealed that there is 1 NY TANKS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PEAT ST M/W FACILITY Database: TANKS, Date of Government Version: 06/22/2020 Facility Id: 7-600022 Site Status: Active	***342 PEAT ST***	***NE 1/8 - 1/4 (0.194 mi.)***	***K56***	***201***

State and tribal institutional control / engineering control registries

Environmental Remediation sites that have institutional controls in place.

A review of the NY INST CONTROL list, as provided by EDR, and dated 08/10/2020 has revealed that there is 1 NY INST CONTROL site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER SYRACUSE RIGG Site Code: 58510	***341 PEAT STREET***	***ENE 1/8 - 1/4 (0.139 mi.)***	***G31***	***86***

State and tribal Brownfields sites

NY ERP: In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

A review of the NY ERP list, as provided by EDR, and dated 08/10/2020 has revealed that there are 3 NY ERP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER SYRACUSE RIGG Site Code: 58510	***341 PEAT STREET***	***ENE 1/8 - 1/4 (0.139 mi.)***	***G31***	***86***
ZIP ZIP MINI MARKET	***1410 ERIE BOULEVARD***	***WSW 1/4 - 1/2 (0.392 mi.)***	***P79***	***263***

Site Code: 58300				
SIMS MATCHPLATE	***2176 ERIE BLVD E***	***E 1/4 - 1/2 (0.446 mi.)***	***80***	***268***
Site Code: 57770				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

Registered Recycling Facility List from the Department of Environmental Conservation.

A review of the NY SWRCY list, as provided by EDR, and dated 07/01/2020 has revealed that there is 1 NY SWRCY site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SYRACUSE MATERIALS R	***301 PEAT ST***	***ENE 1/8 - 1/4 (0.134 mi.)***	***G30***	***82***

Records of Emergency Release Reports

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 05/12/2020 has revealed that there are 12 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER WINKLEMAN BUI	LYNCH STREET	SSW 0 - 1/8 (0.014 mi.)	A2	8
Spill Date: 1997-04-23				
Spill Number/Closed Date: 9701063 / 2006-02-22				
Site ID: 287317				
SPILL NUMBER 0109727	116 LYNCH ST	SSW 0 - 1/8 (0.045 mi.)	B11	38
Spill Date: 2002-01-07				
Spill Number/Closed Date: 0109727 / 2002-01-07				
Site ID: 173489				
GROUND	110 LYNCH ST	SSW 0 - 1/8 (0.050 mi.)	B12	39
Spill Date: 2015-03-25				
Spill Number/Closed Date: 1412076 / 2015-04-27				
Site ID: 505887				
CITY OF SYRACUSE	***226 TEALL AVE***	***W 0 - 1/8 (0.097 mi.)***	***C13***	***40***
Spill Date: 2002-05-16				
Spill Date: 1998-09-30				
Spill Number/Closed Date: 0201720 / 2002-07-08				
Spill Number/Closed Date: 9808035 / 2002-08-06				
Site ID: 232000				
Site ID: 272077				
TEALL AVE POST OFFIC	TEALL AVENUE	W 0 - 1/8 (0.102 mi.)	C15	46

Spill Date: 1990-03-27
Spill Number/Closed Date: 8912289 / 1991-06-05
Site ID: 175121

JUNKYARD NEAR	***1807 ERIE BLVD***	***SSE 0 - 1/8 (0.106 mi.)***	***16***	***47***
Spill Date: 2003-07-04 Spill Number/Closed Date: 0303606 / 2003-07-07 Site ID: 87588				
CLARK'S CONCRETE	TEAL AVENUE	SW 0 - 1/8 (0.109 mi.)	D19	57
Spill Date: 1999-09-28 Spill Number/Closed Date: 9960038 / 2002-08-05 Site ID: 74280				
CLARK CONCRETE	TEAL AVENUE/LYNCH ST	SW 0 - 1/8 (0.109 mi.)	D20	58
Spill Date: 1999-06-19 Spill Date: 1993-01-12 Spill Number/Closed Date: 9903190 / 1999-08-31 Spill Number/Closed Date: 9211680 / 1996-06-06 Site ID: 116590 Site ID: 74278				
CLARKS CONCRETE	TEALL AVE & ERIE BLV	SW 0 - 1/8 (0.109 mi.)	D21	60
Spill Date: 1995-07-24 Spill Number/Closed Date: 9504937 / 1995-07-31 Site ID: 79484				
CLARK CONCRETE	LYNCH STREET	SW 0 - 1/8 (0.109 mi.)	D22	61
Spill Date: 1995-07-28 Spill Number/Closed Date: 9505236 / 1995-07-28 Site ID: 317642				
WINKLEMAN CO. INC.	222 TEAL AVE	WSW 0 - 1/8 (0.118 mi.)	E24	67
Spill Date: 1990-06-18 Spill Number/Closed Date: 9003085 / 1990-07-26 Site ID: 145057				
SYRACUSE DPW	ERIE BLVD E/LOMBARD	S 0 - 1/8 (0.122 mi.)	26	69
Spill Date: 1999-01-17 Spill Number/Closed Date: 9812761 / 1999-01-18 Site ID: 181373				

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/15/2020 has revealed that there are 16 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYSDEC/SPILL EPA ID:: NYP000935464	***101 GREENWAY AVE***	***W 0 - 1/8 (0.020 mi.)***	***A3***	***9***
LAKELAWN TRANSPORT C	101 GREENWAY AVE	W 0 - 1/8 (0.020 mi.)	A4	16

EPA ID:: NYD980663454				
SYRACUSE RIGGING CO EPA ID:: NYD144609435	***100 GREENWAY AVE***	***SW 0 - 1/8 (0.041 mi.)***	***B8***	***28***
NYSDOT BIN 4443240 D EPA ID:: NYD986990836	***100 GREENWAY AVE***	***SW 0 - 1/8 (0.041 mi.)***	***B10***	***34***
CONSOLIDATED RAIL CO EPA ID:: NYD000691220	TEAL AVE & PEAT ST	SW 0 - 1/8 (0.110 mi.)	D23	62
TEALL AVENUE WAREHOU EPA ID:: NYD981075997	***222 TEALL AVE***	***W 1/8 - 1/4 (0.133 mi.)***	***C27***	***70***
SYRACUSE MATERIALS R EPA ID:: NYR000147967	301 PEAT ST	ENE 1/8 - 1/4 (0.134 mi.)	G29	79
CITY CROSSROADS PARK EPA ID:: NYR000093955	***341 PEAT ST***	***ENE 1/8 - 1/4 (0.139 mi.)***	***G32***	***119***
NYSDOT BRIDGE BIN 10 EPA ID:: NYR000025031	***I-690 EB OVER RAMP T***	***WNW 1/8 - 1/4 (0.144 mi.)***	***38***	***143***
MACLAW & ALLAN INC EPA ID:: NYD986929933	***1860 ERIE BLVD E***	***SE 1/8 - 1/4 (0.146 mi.)***	***I40***	***151***
SYRACUSE RERS EPA ID:: NY0001004902	***227 TEALL AVE***	***WSW 1/8 - 1/4 (0.148 mi.)***	***E42***	***166***
SUNOCO SERVICE STATI EPA ID:: NYR000009878	***1701 ERIE BLVD E***	***SW 1/8 - 1/4 (0.175 mi.)***	***J46***	***181***
NEW YORK STATE DEPT EPA ID:: NYP000962779	1504 BURNET AVE	NNE 1/8 - 1/4 (0.224 mi.)	L68	224
ERIE BLVD MOBIL EPA ID:: NYD986961787	***1641 ERIE BLVD E***	***SW 1/8 - 1/4 (0.227 mi.)***	***O70***	***230***
ST ANDREW MARGARITE EPA ID:: NYR000057299	***1508 BURNET AVE***	***NNE 1/8 - 1/4 (0.233 mi.)***	***L73***	***243***
IRA-TAS REFINISHERS EPA ID:: NYD986914240	***1120 BURNET AVE***	***WNW 1/8 - 1/4 (0.238 mi.)***	***76***	***256***

NY HSWDS: The List includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity The latest version of the study is frozen in time. The sites on the study will not automatically be made superfund sites, rather each site will be further evaluated for listing in the registry. So overtime they will be added to the registry or not.

A review of the NY HSWDS list, as provided by EDR, and dated 01/01/2003 has revealed that there is 1 NY HSWDS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PETER WINKELMAN CO.	101 GREENWAY AVE.	W 0 - 1/8 (0.020 mi.)	A7	26

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 01/01/2019 has revealed that there are 15 NY MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYSDEC/SPILL EPA ID: NYP000935464	***101 GREENWAY AVE***	***W 0 - 1/8 (0.020 mi.)***	***A3***	***9***
SYRACUSE RIGGING CO EPA ID: NYD144609435	***100 GREENWAY AVE***	***SW 0 - 1/8 (0.041 mi.)***	***B8***	***28***
NYSDOT EPA ID: NYD986990836	100 GREENWAY AVE	SW 0 - 1/8 (0.041 mi.)	B9	33
TEALL AVENUE WAREHOU EPA ID: NYD981075997	***222 TEALL AVE***	***W 1/8 - 1/4 (0.133 mi.)***	***C27***	***70***
SYRACUSE MATERIALS R EPA ID: NYR000147967	***301 PEAT ST***	***ENE 1/8 - 1/4 (0.134 mi.)***	***G30***	***82***
J C SMITH INC EPA ID: NYR000178798	***345 PEAT ST***	***ENE 1/8 - 1/4 (0.140 mi.)***	***G34***	***124***
FAMILY DOLLAR STORE EPA ID: NYR000215186	***1915 ERIE BLVD E***	***ESE 1/8 - 1/4 (0.141 mi.)***	***H35***	***129***
NYSDOT BRIDGE BIN 10 EPA ID: NYR000025031	***I-690 EB OVER RAMP T***	***WNW 1/8 - 1/4 (0.144 mi.)***	***38***	***143***
MACLAW & ALLAN INC EPA ID: NYD986929933	***1860 ERIE BLVD E***	***SE 1/8 - 1/4 (0.146 mi.)***	***I40***	***151***
R B WOODCRAFT INC EPA ID: NYR000036749	***1860 ERIE BLVD E 1ST***	***SE 1/8 - 1/4 (0.146 mi.)***	***I41***	***157***
CSX TRANSPORTATION I EPA ID: NYR000223560	***342 PEAT ST***	***NE 1/8 - 1/4 (0.194 mi.)***	***K53***	***192***
PASCARELLA'S TOWING EPA ID: NYP000962787	***1504 BURNET AVE***	***NNE 1/8 - 1/4 (0.224 mi.)***	***L67***	***221***
ERIE BLVD MOBIL EPA ID: NYD986961787	***1641 ERIE BLVD E***	***SW 1/8 - 1/4 (0.227 mi.)***	***O70***	***230***
ST ANDREW MARGARITE EPA ID: NYR000057299	***1508 BURNET AVE***	***NNE 1/8 - 1/4 (0.233 mi.)***	***L73***	***243***
U-HAUL SERVICE CENTE EPA ID: NYD981558331	***960 CANAL ST***	***W 1/8 - 1/4 (0.238 mi.)***	***N75***	***251***

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 06/30/2018 has revealed that there is 1 PA MANIFEST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYSDEC REGION 7 Generator EPA Id: NYP000962787	1504 BURNET AVE	NNE 1/8 - 1/4 (0.224 mi.)	L66	219

EXECUTIVE SUMMARY

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 12/31/2018 has revealed that there is 1 NJ MANIFEST site within approximately 0.25 miles of the target property.

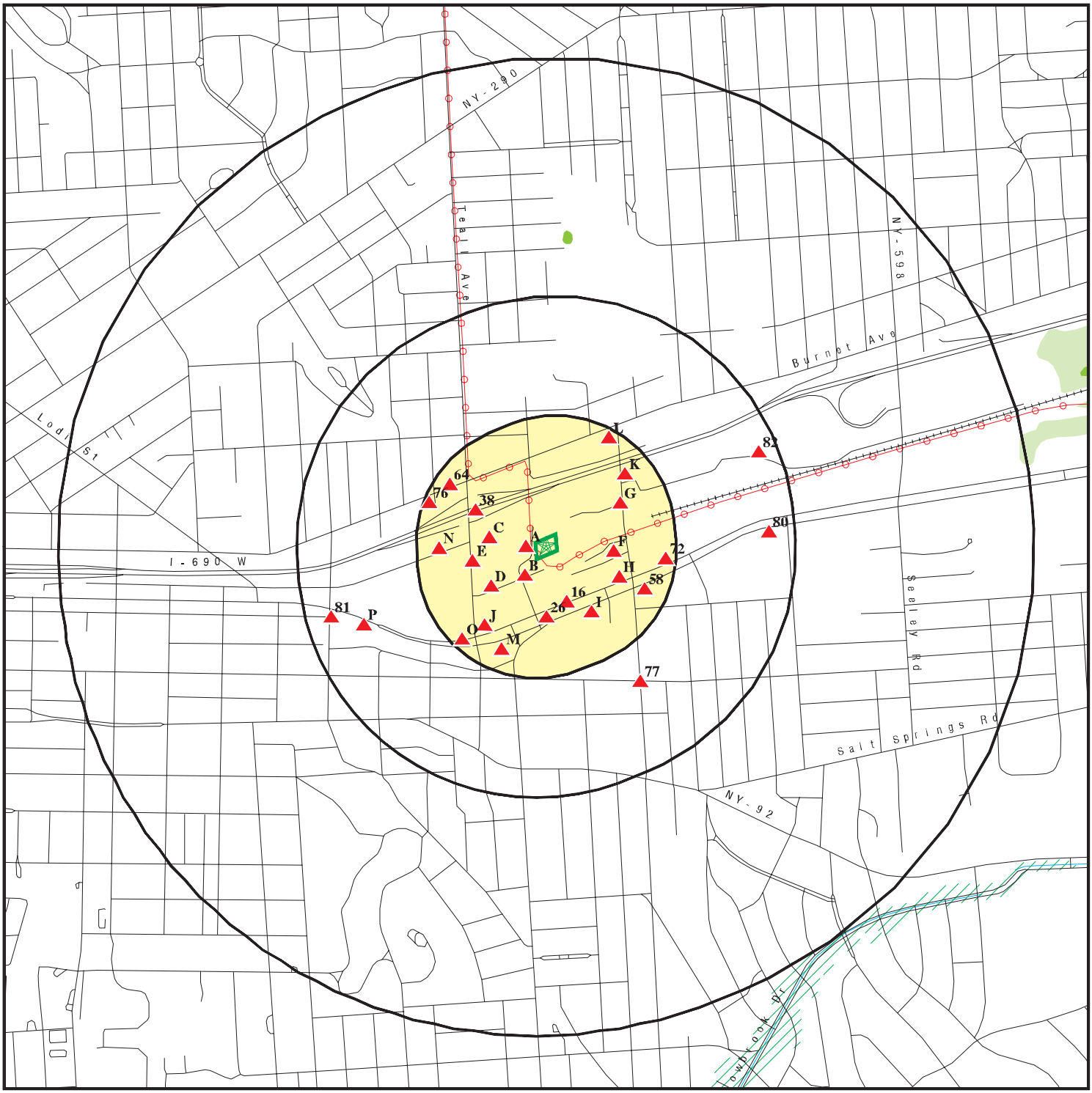
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CSX TRANSPORTATION I EPA Id: NYR000223560	342 PEAT ST	NE 1/8 - 1/4 (0.194 mi.)	K52	191

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 5 records.

Site Name	Database(s)
CARBACIO AUTO	NY ENG CONTROLS, NY INST CONTROL, NY VCP, NY BROWNFIELDS
CHATHAM WOODS	NY SHWS
CITY CROSSROADS PROPERTIES	NY SHWS
PETER WINKELMAN CO, INC.	SEMS-ARCHIVE
CORNER OF ERIE BLVD. & PEAT STREET	NY VCP

OVERVIEW MAP - 6251255.2S



0 1/4 1/2 1 Miles

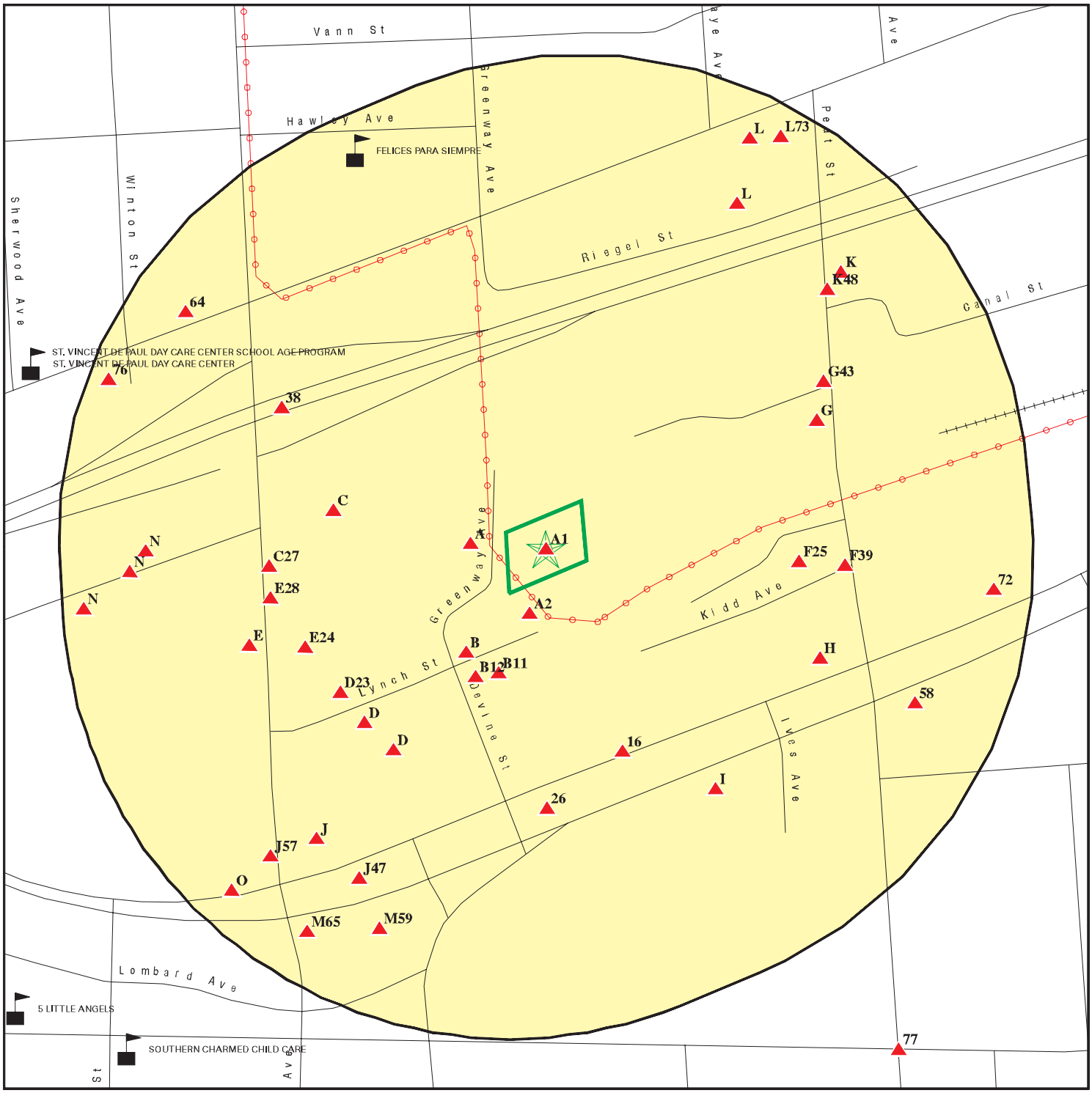
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 102 Greenway	CLIENT: Stantec
ADDRESS: 102 Greenway Syracuse NY 13210	CONTACT: Katie Nelson
LAT/LONG: 43.05227 / 76.118653	INQUIRY #: 6251255.2s DATE: November 03, 2020 12:06 pm

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DETAIL MAP - 6251255.2S



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 102 Greenway	CLIENT: Stantec
ADDRESS: 102 Greenway Syracuse NY 13210	CONTACT: Katie Nelson INQUIRY #: 6251255.2s
LAT/LONG: 43.05227 / 76.118653	DATE: November 03, 2020 12:09 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		1	0	0	NR	NR	1
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	2	NR	NR	NR	2
RCRA-VSQG	0.250		0	3	NR	NR	NR	3
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
NY SHWS	1.000		1	0	0	0	NR	1
State and tribal landfill and/or solid waste disposal site lists								
NY SWF/LF	0.500		0	6	1	NR	NR	7
State and tribal leaking storage tank lists								
INDIAN LUST	0.500		0	0	0	NR	NR	0
NY LTANKS	0.500		3	12	4	NR	NR	19
NY HIST LTANKS	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY UST	0.250		2	9	NR	NR	NR	11
NY CBS UST	0.250		0	0	NR	NR	NR	0
NY MOSF UST	0.500		0	0	0	NR	NR	0
NY CBS	0.250		1	0	NR	NR	NR	1
NY MOSF	0.500		0	0	0	NR	NR	0
NY AST	0.250		1	4	NR	NR	NR	5
NY CBS AST	0.250		1	0	NR	NR	NR	1
NY MOSF AST	0.500		0	0	0	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
NY TANKS	0.250		0	1	NR	NR	NR	1
State and tribal institutional control / engineering control registries								
NY RES DECL	0.125		0	NR	NR	NR	NR	0
NY ENG CONTROLS	0.500		0	0	0	NR	NR	0
NY INST CONTROL	0.500		0	1	0	NR	NR	1
State and tribal voluntary cleanup sites								
NY VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
NY BROWNFIELDS	0.500		0	0	0	NR	NR	0
NY ERP	0.500		0	1	2	NR	NR	3
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
NY SWRCY	0.500		0	1	0	NR	NR	1
NY SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
NY DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
NY PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
NY HIST UST	0.250		0	0	NR	NR	NR	0
NY HIST AST	TP		NR	NR	NR	NR	NR	0
Local Land Records								
NY LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		12	NR	NR	NR	NR	12
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		5	11	NR	NR	NR	16
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
NY AIRS	TP		NR	NR	NR	NR	NR	0
NY COAL ASH	0.500		0	0	0	NR	NR	0
NY DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NY E DESIGNATION	0.125		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY Financial Assurance	TP		NR	NR	NR	NR	NR	0
NY HSWDS	0.500		1	0	0	NR	NR	1
NY MANIFEST	0.250		3	12	NR	NR	NR	15
PA MANIFEST	0.250		0	1	NR	NR	NR	1
NJ MANIFEST	0.250		0	1	NR	NR	NR	1
NY SPDES	TP		NR	NR	NR	NR	NR	0
NY VAPOR REOPENED	0.500		0	0	0	NR	NR	0
NY UIC	TP		NR	NR	NR	NR	NR	0
NY COOLING TOWERS	TP		NR	NR	NR	NR	NR	0
NY LEAD	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
NY RGA HWS	TP		NR	NR	NR	NR	NR	0
NY RGA LF	TP	1	NR	NR	NR	NR	NR	1
- Totals --		1	31	65	7	0	0	104

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **CROSSROADS PARK(CITY OF SYRACUSE)** **NY RGA LF** **S114956038**
Target Property **102 GREENWAY AVENUE** **N/A**
SYRACUSE, NY

Site 1 of 7 in cluster A

Actual: 417 ft.

RGA LF:

2012	CROSSROADS PARK(CITY OF SYRACUSE)	102 GREENWAY AVENUE

A2 **FORMER WINKLEMAN BUILDING** **NY Spills** **S102561234**
SSW **LYNCH STREET** **N/A**
< 1/8 **SYRACUSE, NY**
0.014 mi.
75 ft. **Site 2 of 7 in cluster A**

Relative: Higher

Actual: 417 ft.

SPILLS:

Name:	FORMER WINKLEMAN BUILDING
Address:	LYNCH STREET
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	9701063 / 2006-02-22
Facility ID:	9701063
Facility Type:	ER
DER Facility ID:	232746
Site ID:	287317
DEC Region:	7
Spill Cause:	Vandalism
Spill Class:	B3
SWIS:	3415
Spill Date:	1997-04-23
Investigator:	CXROSSI
Referred To:	Not reported
Reported to Dept:	1997-04-23
CID:	322
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-04-24
Spill Record Last Update:	2006-03-01
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was CR Abandoned drum of waste oil requiring disposal. "
Remarks:	"HAZARDOUS WASTE REMEDIATION - INSPECTION - HAZARDOUS WASTE SITE - OBSERVED - SUSPECT PCB OIL - SPILLING OUT OF A 55 GALLON DRUM"

A3 **NYSDEC/SPILL** **NY SHWS** **1007205541**
West **101 GREENWAY AVE** **NY CBS** **NYP000935464**
< 1/8 **SYRACUSE, NY 13200** **RCRA NonGen / NLR**
0.020 mi. **FINDS**
105 ft. **Site 3 of 7 in cluster A** **ECHO**
NY MANIFEST

Relative:
Higher

Actual:
417 ft.

SHWS:

Name:	PETER WINKELMAN COMPANY, INC.
Address:	101 GREENWAY AVENUE
City,State,Zip:	SYRACUSE, NY 13217
Program:	HW
Site Code:	57865
Classification:	4
Region:	7
Acres:	5.0000000000000003E-2
HW Code:	734047
Record Add:	11/18/1999
Record Upd:	04/30/2020
Updated By:	JLDYBER

Site Description: Location: The Peter Winkelman Company Inc. site is a 0.05 acre former transformer area located within a 4.9 acre property in the eastern portion of the City of Syracuse in an urban area. The site exists in an open space between outcrop structures of the former Peter Winkelman facility. The site is bordered by the former industrial building and Interstate 690 further to the north, the former industrial building and Lynch Street further to the south; the remains of the former Winkelman iron works facility and a Post Office further to the west, and the paper street Greenway Avenue and the city of Syracuse s composting operation further to the east. The site is approximately 1,000 feet north of Erie Boulevard. Site Features: This site is vacant with the exception of two utility poles stand to the south and a fire hydrant exists on the northeastern edge of the site. The small footprint of the site exists within the boundary of a larger tax parcel on which a damaged-by-fire 72,000 square foot abandoned industrial facility stands. There is an unpaved road that encircles the former facility. The property is relatively flat. There are no surface water bodies or wetland areas located within a one-half mile radius of the site. Current Zoning and Land Use: The site is a portion of a larger property that is vacant and abandoned, and zoned industrial (I-A). Past Use of the Site: The site property formerly consisted of industrial businesses including the Globe Malleable Iron and Steel Company in 1910, a machine shop in 1951 through at least 1953, and a sheet metal and machine shop from 1964 through at least 1971. Until 1991, Peter Winkelman Company, Inc., a construction company, owned the site and other businesses existed at buildings on site not being used by the construction company. In 1991, the site property was conveyed to GSI of Virginia. In 1994, due to a power outage caused by a power surge, one or more of the three transformers on Peter Winkelman’s property malfunctioned. Subsequently, an unknown quantity of transformer oil leaked from the transformers. The total volume of PCB oil in all the transformers was known to be 1,575 gallons. Operable Units: The site was divided into two operable units. An operable unit represents a portion of a remedial program for a site that for technical or administrative reasons can be addressed separately to investigate, eliminate or mitigate a release, threat of release or exposure pathway resulting from the site contamination. Operable unit 1 (OU-1) comprises the entirety of the site and encompasses the footprint of the former

NYSDEC/SPILL (Continued) **1007205541**

electric transformer equipment concrete pad where PCB oil spills occurred. The second operable unit encompasses the off-site areas of the property not directly related to the known PCB contamination. Site Geology and Hydrogeology: The Syracuse Formation of the Upper Silurian consisting primarily of dolomite and shale is present beneath the site and the surrounding area according to state mapping. Natural overburden materials in the area are mapped as commonly calcareous laminated silts and clays that have low permeability and potential land instability. The site geology consists of a mix of fill material overlying bog deposits of organic rich silt, peat, and marl. Fill material encountered on site is generally 4 to 6 feet thick comprised of silty gravel, fly ash and coal, white paste material, foundry sands, and crushed stone. One to three feet of organic rich silt was encountered immediately beneath the fill, underlain with peat and marl (a mix of freshwater lime mud and shells) at approximately 7 to 8 feet below grade. During the property-wide Site Characterization (2014), soil borings were advanced up to approximately 17 feet below ground surface (bgs) at the site without encountering bedrock. Groundwater occurs under perched conditions as discontinuous lenses within the more permeable fill material, and under unconfined conditions within the peat and marl unit. Saturated sections of the fill material generally consisted of fly ash and silty gravel, often containing oily material. During development and sampling of the Remedial Investigation well points, recharge was observed to be slow, largely dependent on the composition of the fill at a specific location. The water table is relatively flat, groundwater moves vertically through the fill material into the peat and marl unit, where it then flows under the effects of regional drainage patterns. Groundwater on the adjacent parcel to the east of the site was found to flow to the southwest. Groundwater sampling (Site Characterization 2014) indicated that shallow ground water flowed to the east-southeast in the area of the site (former transformer pad area).

Env Problem:	Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were PCBs in groundwater and soil. Remedial actions have successfully achieved the soil cleanup objectives for industrial use.
Health Problem:	Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.
Dump:	True
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	31472
Disp Term:	Not reported
Lat/Long:	43:03:05:0 / 76:07:21:0
Dell:	False
Record Add:	11/18/1999 12:00:00 PM
Record Upd:	10/5/2015 8:52:00 AM
Updated By:	SLEDWARD
Own Op:	3
Sub Type:	E
Owner Name:	Peter Winkelman, CEO
Owner Company:	PETER WINKELMAN COMPANY, INC.
Owner Address:	2585 West Landing Road

NYSDEC/SPILL (Continued) **1007205541**

Owner Addr2: Not reported
Owner City,St,Zip: Virginia Beach, VA 23456
Owner Country: United States of America
Own Op: 4
Sub Type: E
Owner Name: Not reported
Owner Company: Peter Winkelman Company, Inc.
Owner Address: PO Box 6549
Owner Addr2: Not reported
Owner City,St,Zip: Syracuse, NY 13217
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Not reported
Owner Company: GSI of Virginia, Inc.
Owner Address: PO Box 6549
Owner Addr2: Not reported
Owner City,St,Zip: Syracuse, NY 13217
Owner Country: United States of America
HW Code: 734047
Waste Type: POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: NYD986866382
Cross Ref Type Code: 5
Cross Ref Type: EPA Site ID
Record Added Date: 11/18/1999 12:00:00 PM
Record Updated: 5/10/2001 4:31:00 PM
Updated By: REGTRANS

CBS:
Name: WASTESTREAM ENVIRONMNETAL INC.
Address: 101 GREENWAY AVENUE
City,State,Zip: SYRACUSE, NY 13210
CBS Number: 7-000118
Program Type: CBS
Facility Status: Unregulated/Closed
Expiration Date: Not reported
Dec Region: 7
UTMX: 408808.58368
UTMY: 4767270.91290

RCRA NonGen / NLR:
Date Form Received by Agency: 1998-03-04 00:00:00.0
Handler Name: NYSDEC/SPILL
Handler Address: 101 GREENWAY AVE
Handler City,State,Zip: SYRACUSE, NY 13200-0000
EPA ID: NYP000935464
Contact Name: REPORTING SECTION
Contact Address: 50 WOLF RD
Contact City,State,Zip: ALBANY, NY 12233-0000
Contact Telephone: 518-457-0532
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02

NYSDEC/SPILL (Continued) **1007205541**

Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R7
Mailing Address:	50 WOLF RD
Mailing City,State,Zip:	ALBANY, NY 12233-0000
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

NYSDEC/SPILL (Continued) **1007205541**

Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Historic Generators:

Receive Date:	1998-03-03 00:00:00.0
Handler Name:	NYSDEC/SPILL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-04 00:00:00.0
Handler Name:	NYSDEC/SPILL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-02 00:00:00.0
Handler Name:	NYSDEC/SPILL
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

NYSDEC/SPILL (Continued) **1007205541**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110009470740

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1007205541
Registry ID:	110009470740
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009470740
Name:	LAKELAWN TRANSPORT CORP
Address:	101 GREENWAY AVE
City,State,Zip:	SYRACUSE, NY 13210

NY MANIFEST:

Name:	NYSDEC
Address:	101 GREENWAY AVE
City,State,Zip:	SYRACUSE, NY 13200-0000
Country:	USA
EPA ID:	NYP000935464
Facility Status:	Not reported
Location Address 1:	101 GREENWAY AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	SYRACUSE
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP000935464
Mailing Name:	NYSDEC
Mailing Contact:	CHRISTINE ROSSI
Mailing Address 1:	615 ERIE BLVD W
Mailing Address 2:	Not reported
Mailing City:	SYRACUSE
Mailing State:	NY
Mailing Zip:	13202
Mailing Zip 4:	Not reported

NYSDEC/SPILL (Continued) **1007205541**

Mailing Country:	USA
Mailing Phone:	3154267551

NY MANIFEST:

Document ID:	NYG0895617
Manifest Status:	C
seq:	Not reported
Year:	1997
Trans1 State ID:	NYPF9453
Trans2 State ID:	Not reported
Generator Ship Date:	07/14/1997
Trans1 Recv Date:	07/14/1997
Trans2 Recv Date:	/ /
TSD Site Recv Date:	07/15/1997
Part A Recv Date:	07/29/1997
Part B Recv Date:	08/05/1997
Generator EPA ID:	NYP000935464
Trans1 EPA ID:	NYD986980753
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD049836679
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00363
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00454
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100

A4
West
< 1/8
0.020 mi.
105 ft.

LAKELAWN TRANSPORT CORP
101 GREENWAY AVE
SYRACUSE, NY 13210

Site 4 of 7 in cluster A

RCRA NonGen / NLR **1000204009**
NYD980663454

Relative:
Higher

Actual:
417 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2007-01-01 00:00:00.0
Handler Name:	LAKELAWN TRANSPORT CORP
Handler Address:	101 GREENWAY AVE
Handler City,State,Zip:	SYRACUSE, NY 13210
EPA ID:	NYD980663454
Contact Name:	LEONARD MALCHOFF
Contact Address:	GREENWAY AVE
Contact City,State,Zip:	SYRACUSE, NY 13210
Contact Telephone:	315-472-9150
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R7
Mailing Address:	GREENWAY AVE
Mailing City,State,Zip:	SYRACUSE, NY 13210
Owner Name:	LEONARD G MALCHOFF
Owner Type:	Private
Operator Name:	LEONARD G MALCHOFF
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

LAKELAWN TRANSPORT CORP (Continued) **1000204009**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D002
Waste Description:	CORROSIVE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LEONARD G MALCHOFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LEONARD G MALCHOFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999

LAKELAWN TRANSPORT CORP (Continued) **1000204009**

Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LEONARD G MALCHOFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2006-01-01 00:00:00.0
Handler Name:	LAKELAWN TRANSPORT CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-01-01 00:00:00.0
Handler Name:	LAKELAWN TRANSPORT CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1983-01-13 00:00:00.0
Handler Name:	LAKELAWN TRANSPORT CORP
Federal Waste Generator Description:	Not reported
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

LAKELAWN TRANSPORT CORP (Continued) **1000204009**

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A5 **WINKLEMAN PROPERTY** **SEMS** **1012209757**
West **101-113 GREENWAY AVENUE** **NYC200400349**
< 1/8 **SYRACUSE, NY 13244**
0.020 mi.
105 ft. **Site 5 of 7 in cluster A**

Relative:
Higher

Actual:
417 ft.

SEMS:
Site ID: 0206318
EPA ID: NYC200400349
Name: WINKLEMAN PROPERTY
Address: 101-113 GREENWAY AVENUE
Address 2: Not reported
City,State,Zip: SYRACUSE, NY 13244
Cong District: 25
FIPS Code: 36067
Latitude: Not reported
Longitude: Not reported
FF: N
NPL: Not on the NPL
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

SEMS Detail:
Region: 02
Site ID: 0206318
EPA ID: NYC200400349
Site Name: WINKLEMAN PROPERTY
NPL: N
FF: N
OU: 00
Action Code: RV
Action Name: RMVL
SEQ: 1
Start Date: 2009-07-16 05:00:00
Finish Date: 7/17/2009 5:00:00 AM
Qual: S
Current Action Lead: EPA Perf

A6
West
< 1/8
0.020 mi.
105 ft.

WASTESTREAM ENVIRONMNETAL INC.
101 GREENWAY AVE.
SYRACUSE, NY 13217

Site 6 of 7 in cluster A

NY CBS AST **S102638843**
N/A

Relative:
Higher

Actual:
417 ft.

CBS AST:

CBS Number:	7-000118
ICS Number:	7-700417
PBS Number:	Not reported
MOSF Number:	Not reported
SPDES Number:	Not reported
Facility Status:	IN SERVICE
Facility Type:	AB
Telephone:	(315) 471-1840
Facility Town:	SYRACUSE (C)
Region:	STATE
Expiration Date:	07/11/1995
Total Capacity of All Active Tanks(gal):	0
Operator:	FRED DINET
Emergency Contact:	FRED DINET
Emergency Phone:	(315) 689-1380
Owner Name:	WASTE STREAM ENVIRONMNETAL INC.
Owner Address:	PO BOX 1300
Owner City,St,Zip:	WEEDSPORT, NY 13166
Owner Telephone:	(315) 689-1380
Owner Type:	Corporate/Commercial
Owner Sub Type:	Not reported
Mail Name:	WASTESTREAM ENVIRONMNETAL INC.
Mail Contact Addr:	PO BOX 1300
Mail Contact Addr2:	Not reported
Mail Contact Contact:	MR. FRED DINET
Mail Contact City,St,Zip:	WEEDSPORT, NY 13166
Mail Phone:	(315) 689-1380
Tank Id:	005
CAS Number:	7720787
Federal ID:	Not reported
Tank Status:	0
Install Date:	08/91
Tank Closed:	06/95
Capacity (Gal):	4000
Chemical:	Ferrous sulfate
Tank Location:	Indoors, Aboveground
Tank Type:	Fiberglass reinforced plastic [FRP]
Total Tanks:	0
Tank Secret:	False
Tank Secondary Containment:	Vault
Tank Error Status:	No Missing Data
Date Entered:	07/11/1989
Certified Date:	06/23/1993
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	None
Pipe Location:	Aboveground
Pipe Type:	Double Walled Fiberglass
Pipe Internal:	None
Pipe External:	None
Pipe Flag:	None

WASTESTREAM ENVIRONMNETAL INC. (Continued) **S102638843**

Leak Detection:	Concrete Pad w/channels
Overfill Protection:	Catch Basin
Haz Percent:	1
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	3115
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	04/01/93
Is It There:	False
Delinquent:	False
Date Expired:	07/11/95
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	04/03/1995

Tank Id:	001A
CAS Number:	7720787
Federal ID:	Not reported
Tank Status:	0
Install Date:	08/91
Tank Closed:	06/95
Capacity (Gal):	6500
Chemical:	Ferrous sulfate
Tank Location:	Indoors, Aboveground
Tank Type:	Fiberglass reinforced plastic [FRP]
Total Tanks:	0
Tank Secret:	False
Tank Secondary Containment:	Vault
Tank Error Status:	No Missing Data
Date Entered:	10/16/1991
Certified Date:	06/23/1993
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	None
Pipe Location:	Aboveground
Pipe Type:	Double Walled Fiberglass
Pipe Internal:	None
Pipe External:	None
Pipe Flag:	None
Leak Detection:	Concrete Pad w/channels
Overfill Protection:	Catch Basin
Haz Percent:	1
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	3115
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	04/01/93
Is It There:	False
Delinquent:	False
Date Expired:	07/11/95
Owner Mark:	1
Certificate Needs to be Printed:	False

WASTESTREAM ENVIRONMNETAL INC. (Continued) **S102638843**

Fiscal Amt for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Pre-Printed Renewal App Last Printed: 04/03/1995

Tank Id:	006
CAS Number:	7720787
Federal ID:	Not reported
Tank Status:	0
Install Date:	08/91
Tank Closed:	06/95
Capacity (Gal):	4000
Chemical:	Ferrous sulfate
Tank Location:	Indoors, Aboveground
Tank Type:	Fiberglass reinforced plastic [FRP]
Total Tanks:	0
Tank Secret:	False
Tank Secondary Containment:	Vault
Tank Error Status:	No Missing Data
Date Entered:	10/16/1991
Certified Date:	06/23/1993
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	None
Pipe Location:	Aboveground
Pipe Type:	Double Walled Fiberglass
Pipe Internal:	None
Pipe External:	None
Pipe Flag:	None
Leak Detection:	Concrete Pad w/channels
Overfill Protection:	Catch Basin
Haz Percent:	1
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	3115
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	04/01/93
Is It There:	False
Delinquent:	False
Date Expired:	07/11/95
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	04/03/1995

Tank Id:	002A
CAS Number:	7720787
Federal ID:	Not reported
Tank Status:	0
Install Date:	08/91
Tank Closed:	06/95
Capacity (Gal):	6500
Chemical:	Ferrous sulfate
Tank Location:	Indoors, Aboveground

WASTESTREAM ENVIRONMNETAL INC. (Continued) **S102638843**

Tank Type:	Fiberglass reinforced plastic [FRP]
Total Tanks:	0
Tank Secret:	False
Tank Secondary Containment:	Vault
Tank Error Status:	No Missing Data
Date Entered:	10/16/1991
Certified Date:	06/23/1993
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	None
Pipe Location:	Aboveground
Pipe Type:	Double Walled Fiberglass
Pipe Internal:	None
Pipe External:	None
Pipe Flag:	None
Leak Detection:	Concrete Pad w/channels
Overfill Protection:	Catch Basin
Haz Percent:	1
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	3115
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	04/01/93
Is It There:	False
Delinquent:	False
Date Expired:	07/11/95
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	04/03/1995

Tank Id:	003
CAS Number:	7720787
Federal ID:	Not reported
Tank Status:	0
Install Date:	01/88
Tank Closed:	06/95
Capacity (Gal):	3500
Chemical:	Ferrous sulfate
Tank Location:	Indoors, Aboveground
Tank Type:	Stainless steel alloy
Total Tanks:	0
Tank Secret:	False
Tank Secondary Containment:	Vault
Tank Error Status:	No Missing Data
Date Entered:	10/16/1991
Certified Date:	06/23/1993
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	None
Pipe Location:	Aboveground
Pipe Type:	Double Walled Fiberglass
Pipe Internal:	None
Pipe External:	None

WASTESTREAM ENVIRONMNETAL INC. (Continued) **S102638843**

Pipe Flag:	None
Leak Detection:	Concrete Pad w/channels
Overfill Protection:	Catch Basin
Haz Percent:	1
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	3115
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	04/01/93
Is It There:	False
Delinquent:	False
Date Expired:	07/11/95
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	04/03/1995

Tank Id:	004
CAS Number:	7720787
Federal ID:	Not reported
Tank Status:	0
Install Date:	01/88
Tank Closed:	06/95
Capacity (Gal):	3000
Chemical:	Ferrous sulfate
Tank Location:	Indoors, Aboveground
Tank Type:	Fiberglass reinforced plastic [FRP]
Total Tanks:	0
Tank Secret:	False
Tank Secondary Containment:	Vault
Tank Error Status:	No Missing Data
Date Entered:	07/11/1989
Certified Date:	06/23/1993
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	None
Pipe Location:	Aboveground
Pipe Type:	Double Walled Fiberglass
Pipe Internal:	None
Pipe External:	None
Pipe Flag:	None
Leak Detection:	Concrete Pad w/channels
Overfill Protection:	Catch Basin
Haz Percent:	1
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	3115
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	04/01/93
Is It There:	False
Delinquent:	False
Date Expired:	07/11/95
Owner Mark:	1

WASTESTREAM ENVIRONMNETAL INC. (Continued) **S102638843**

Certificate Needs to be Printed: False
Fiscal Amt for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Pre-Printed Renewal App Last Printed: 04/03/1995

Tank Id: 002
CAS Number: 7720787
Federal ID: Not reported
Tank Status: 0
Install Date: 01/88
Tank Closed: 08/91
Capacity (Gal): 6500
Chemical: Ferrous sulfate
Tank Location: Indoors, Aboveground
Tank Type: Fiberglass reinforced plastic [FRP]
Total Tanks: 0
Tank Secret: False
Tank Secondary Containment: Vault
Tank Error Status: 2
Date Entered: 07/11/1989
Certified Date: 06/23/1993
Substance: Not reported
Internal Protection: Not reported
External Protection: Not reported
Pipe Location: Not reported
Pipe Type: Double Walled Fiberglass
Pipe Internal: Not reported
Pipe External: Not reported
Pipe Flag: False
Leak Detection: Not reported
Overfill Protection: Not reported
Haz Percent: 0
Last Test: Not reported
Due Date: Not reported
SWIS Code: 3115
Lat/Long: Not reported
Is Updated: False
Renew Date: 04/01/93
Is It There: False
Delinquent: False
Date Expired: 07/11/95
Owner Mark: 1
Certificate Needs to be Printed: False
Fiscal Amt for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Pre-Printed Renewal App Last Printed: 04/03/1995

Tank Id: 001
CAS Number: 7720787
Federal ID: Not reported
Tank Status: 0
Install Date: 01/88
Tank Closed: 08/91
Capacity (Gal): 6500
Chemical: Ferrous sulfate

WASTESTREAM ENVIRONMNETAL INC. (Continued) **S102638843**

Tank Location:	Indoors, Aboveground
Tank Type:	Fiberglass reinforced plastic [FRP]
Total Tanks:	0
Tank Secret:	False
Tank Secondary Containment:	Vault
Tank Error Status:	2
Date Entered:	07/11/1989
Certified Date:	06/23/1993
Substance:	Not reported
Internal Protection:	Not reported
External Protection:	Not reported
Pipe Location:	Not reported
Pipe Type:	Double Walled Fiberglass
Pipe Internal:	Not reported
Pipe External:	Not reported
Pipe Flag:	False
Leak Detection:	Not reported
Overfill Protection:	Not reported
Haz Percent:	0
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	3115
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	04/01/93
Is It There:	False
Delinquent:	False
Date Expired:	07/11/95
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	04/03/1995

A7 **PETER WINKELMAN CO. INC.** **NY HSWDS** **S108146405**
West **101 GREENWAY AVE.** **N/A**
< 1/8 **SYRACUSE, NY 13210**
0.020 mi.
105 ft. **Site 7 of 7 in cluster A**

Relative: **Higher**

Actual: **417 ft.**

HSWDS:

Facility ID:	Not reported
Region:	7
Facility Status:	Unknown
Owner Type:	Puplic
Owner:	Peter Winkelman
Owner Address:	101 Greenway Ave.
Owner Phone:	(315)471 8708
Operator Type:	Same
Operator:	Same
Operator:	Same
Operator Phone:	Unknown
EPA ID:	NYD986866382
Registry:	Not on NYS Registry of Inactive Haz Waste Disposal Sites
Registry Site ID:	None
RCRA Permitted:	Unknown
Site Code:	Other or Unknown
Owner City State:	Syracuse

PETER WINKELMAN CO. INC. (Continued) **S108146405**

Operator City State:	Syracuse, NY
Quadrange:	Syracuse East
Latitude:	43 04 05 N
Longitude:	76 07 21 W
Acres:	0.50
Operator Date:	Unknown
Close Date:	Unknown
Completed:	PA
Active:	Unknown
PCB's Disposed:	Yes
Pesticides Disposed:	No
Metals Disposed:	No
Asbestos Disposed:	No
Volatile Organic Compounds Disposed:	No
Semi Volatile Organic Compounds Disposed:	No
Analytical Info Exists for Air:	Not reported
Analytical Info Exists for Ground:	None
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Sediments:	Not reported
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Substance:	Not reported
Analytical Info Exists for Waste:	Not reported
Analytical Info Exists for Leachate:	Not reported
Analytical Info Exists for EP Toxicity:	Not reported
Analytical Info Exists for TCLP:	Not reported
Threat to Environment/Public Health:	Environmental/Public
Surface Water Contamination:	Unknown
Surface Water Body Class:	Unknown
Groundwater Contamination:	Unknown
Groundwater Classification:	Unknown
Drinking Water Contamination:	Unknown
Drinking Water Supply is Active:	Unknown
Any Known Fish or Wildlife:	Unknown
Hazardous Exposure:	Unknown
Site Has Controlled Acess:	Yes
Ambient Air Contamination:	Unknown
Direct Contact:	Unknown
EPA Hazardous Ranking System Score:	15.43
Inventory:	F
Nefrap:	Not reported
Mailing:	Not reported
Tax Map No:	Not reported
Qualify:	0
Next Action:	Not reported
Agencies:	Not reported
Air:	Not reported
Building:	Not reported
Site Desc:	Not reported
Drink:	Not reported
Eptox:	Not reported
Fish:	Not reported
Ground:	Not reported
Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported
Leachate:	Not reported
Preparer:	Not reported

PETER WINKELMAN CO. INC. (Continued) **S108146405**

Sediment:	Not reported
Soil:	Not reported
Surface:	Not reported
Status:	Not reported
Surface Soil:	Not reported
Surface:	Not reported
TCLP:	Not reported
Waste:	Not reported

B8 **SYRACUSE RIGGING CO INC** **RCRA NonGen / NLR** **1000145083**
SW **100 GREENWAY AVE** **NY MANIFEST** **NYD144609435**
< 1/8 **SYRACUSE, NY 13210**
0.041 mi.
216 ft. **Site 1 of 5 in cluster B**

Relative: **Higher**
Actual: **417 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2007-01-01 00:00:00.0
Handler Name:	SYRACUSE RIGGING CO INC
Handler Address:	100 GREENWAY AVE
Handler City,State,Zip:	SYRACUSE, NY 13210-1238
EPA ID:	NYD144609435
Contact Name:	Not reported
Contact Address:	PEAT ST - PO BOX 6343
Contact City,State,Zip:	SYRACUSE, NY 13217
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R7
Mailing Address:	PEAT ST - PO BOX 6343
Mailing City,State,Zip:	SYRACUSE, NY 13217
Owner Name:	HIGH PROPERTIES INC
Owner Type:	Private
Operator Name:	HIGH PROPERTIES INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported

SYRACUSE RIGGING CO INC (Continued) **1000145083**

Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HIGH PROPERTIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 10008
Owner/Operator City,State,Zip:	LANCASTER, PA 17605-0008
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported

SYRACUSE RIGGING CO INC (Continued) **1000145083**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: HIGH PROPERTIES INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 10008
Owner/Operator City,State,Zip: LANCASTER, PA 17605-0008
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HIGH PROPERTIES INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 10008
Owner/Operator City,State,Zip: LANCASTER, PA 17605-0008
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1999-07-08 00:00:00.0
Handler Name: SYRACUSE RIGGING CO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2006-01-01 00:00:00.0
Handler Name: SYRACUSE RIGGING CO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2007-01-01 00:00:00.0
Handler Name: SYRACUSE RIGGING CO INC
Federal Waste Generator Description: Not a generator, verified

SYRACUSE RIGGING CO INC (Continued) **1000145083**

State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-11-14 00:00:00.0
Handler Name:	SYRACUSE RIGGING CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

NY MANIFEST:

Name:	SYRACUSE RIGGING COMPANY INC.
Address:	100 GREENWAY AVE
City,State,Zip:	SYRACUSE, NY 13210-1238
Country:	USA
EPA ID:	NYD144609435
Facility Status:	Not reported
Location Address 1:	100 GREENWAY AVENUE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	SYRACUSE
Location State:	NY
Location Zip:	13217
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD144609435
Mailing Name:	SYRACUSE RIGGING COMPANY INC.
Mailing Contact:	SYRACUSE RIGGING COMPANY INC.
Mailing Address 1:	100 GREENWAY AVENUE
Mailing Address 2:	Not reported
Mailing City:	SYRACUSE

SYRACUSE RIGGING CO INC (Continued) **1000145083**

Mailing State:	NY
Mailing Zip:	13217
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	3154725205

NY MANIFEST:

Document ID:	LAA3217521
Manifest Status:	K
seq:	Not reported
Year:	1994
Trans1 State ID:	NYPR5398
Trans2 State ID:	Not reported
Generator Ship Date:	11/29/1994
Trans1 Recv Date:	11/29/1994
Trans2 Recv Date:	11/29/1994
TSD Site Recv Date:	12/07/1994
Part A Recv Date:	12/08/1994
Part B Recv Date:	01/23/1995
Generator EPA ID:	NYD144609435
Trans1 EPA ID:	NYD980761191
Trans2 EPA ID:	Not reported
TSDF ID 1:	LAD981057706
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	01200
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	04800
Units:	P - Pounds
Number of Containers:	008
Container Type:	DM - Metal drums, barrels

SYRACUSE RIGGING CO INC (Continued) **1000145083**

Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

B9 **NYSDOT** **NY MANIFEST** **S117563268**
SW **100 GREENWAY AVE** **N/A**
< 1/8 **SYRACUSE, NY 13217**
0.041 mi.
216 ft. **Site 2 of 5 in cluster B**

Relative:
Higher

Actual:
417 ft.

NY MANIFEST:
Name: NYSDOT
Address: 100 GREENWAY AVE
City,State,Zip: SYRACUSE, NY 13217
Country: USA
EPA ID: NYD986990836
Facility Status: Not reported
Location Address 1: BIN 4443240 100 GREENWAY AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: ROCHESTER
Location State: NY
Location Zip: 14623
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD986990836
Mailing Name: NYSDOT
Mailing Contact: DENNIS CARROLL
Mailing Address 1: 1530 JEFFERSON ROAD
Mailing Address 2: Not reported
Mailing City: ROCHESTER
Mailing State: NY
Mailing Zip: 14623
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7166377637

NY MANIFEST:
Document ID: NYB4697649
Manifest Status: C
seq: Not reported
Year: 1992
Trans1 State ID: OH072
Trans2 State ID: Not reported
Generator Ship Date: 08/19/1992
Trans1 Recv Date: 08/19/1992
Trans2 Recv Date: / /
TSD Site Recv Date: 08/20/1992
Part A Recv Date: / /
Part B Recv Date: 09/04/1992
Generator EPA ID: NYD986990836
Trans1 EPA ID: INT190010397
Trans2 EPA ID: Not reported
TSDF ID 1: OHD066060609
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported

NYSDOT (Continued) **S117563268**

Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00003
Units:	Y - Cubic yards* (.85 tons)
Number of Containers:	010
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100

B10 **NYSDOT BIN 4443240 D500552** **RCRA NonGen / NLR** **1000556514**
SW **100 GREENWAY AVE** **FINDS** **NYD986990836**
< 1/8 **SYRACUSE, NY 13217** **ECHO**
0.041 mi.
216 ft. **Site 3 of 5 in cluster B**

Relative: **Higher**
Actual: **417 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2007-01-01 00:00:00.0
Handler Name:	NYSDOT BIN 4443240 D500552
Handler Address:	100 GREENWAY AVE
Handler City,State,Zip:	SYRACUSE, NY 13217
EPA ID:	NYD986990836
Contact Name:	DENNIS CARROLL
Contact Address:	JEFFERSON RD
Contact City,State,Zip:	ROCHESTER, NY 14623
Contact Telephone:	716-637-7637
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R7
Mailing Address:	JEFFERSON RD
Mailing City,State,Zip:	ROCHESTER, NY 14623
Owner Name:	NYSDOT
Owner Type:	State
Operator Name:	NYSDOT

NYSDOT BIN 4443240 D500552 (Continued) **1000556514**

Operator Type:	State
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

NYSDOT BIN 4443240 D500552 (Continued) **1000556514**

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: NYSDOT
Legal Status: State
Date Became Current: 2001-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, NY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NYSDOT
Legal Status: State
Date Became Current: 2001-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, NY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NYSDOT
Legal Status: State
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, NY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2006-01-01 00:00:00.0
Handler Name: NYSDOT BIN 4443240 D500552
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2007-01-01 00:00:00.0

NYSDOT BIN 4443240 D500552 (Continued) **1000556514**

Handler Name:	NYSDOT BIN 4443240 D500552
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1992-01-03 00:00:00.0
Handler Name:	NYSDOT BIN 4443240 D500552
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004383408

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
Registry ID: 110009481550

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

NYSDOT BIN 4443240 D500552 (Continued) **1000556514**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000556514
Registry ID:	110009481550
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009481550
Name:	NYSDOT BIN 4443240 D500552
Address:	100 GREENWAY AVE
City,State,Zip:	SYRACUSE, NY 13217

Envid:	1000556514
Registry ID:	110004383408
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004383408
Name:	SYRACUSE RIGGING CO INC
Address:	100 GREENWAY AVE
City,State,Zip:	SYRACUSE, NY 13210

B11 **SPILL NUMBER 0109727** **NY Spills** **S106000272**
SSW **116 LYNCH ST** **N/A**
< 1/8 **SYRACUSE, NY**
0.045 mi.
237 ft. **Site 4 of 5 in cluster B**

Relative:
Higher

Actual:
417 ft.

SPILLS:

Name:	SPILL NUMBER 0109727
Address:	116 LYNCH ST
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	0109727 / 2002-01-07
Facility ID:	0109727
Facility Type:	ER
DER Facility ID:	145954
Site ID:	173489
DEC Region:	7
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	3415
Spill Date:	2002-01-07
Investigator:	BFMATTHE
Referred To:	Not reported
Reported to Dept:	2002-01-07
CID:	233
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-01-07
Spill Record Last Update:	2002-01-08
Spiller Name:	GEORGE STEVER
Spiller Company:	NIMO

SPILL NUMBER 0109727 (Continued) **S106000272**

Spiller Address:	300 ERIE BLVD WEST
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was BM 01/07/02; TRANSFORMERS MARKED NON-PCB. SPRAY TO ROOF AND SIDE OF BUILDING. CLEANUP CO ENROUTE AT THIS TIME."
Remarks:	"TRANSFORMER FAILED SPILL TO ROOF OF BUILDING AND SIDE WALLS AND SOME PARKING AREA AT THIS TIME CALLER IS NOT SURE THE STATUS OF THE CLEAN UP "

All Materials:

Site ID:	173489
Operable Unit ID:	846921
Operable Unit:	01
Material ID:	527377
Material Code:	0020A
Material Name:	transformer oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

B12 **GROUND** **NY Spills** **S117851506**
SSW **110 LYNCH ST** **N/A**
< 1/8 **SYRACUSE, NY**
0.050 mi.
266 ft. **Site 5 of 5 in cluster B**

Relative: **Higher**

Actual: **417 ft.**

SPILLS:

Name:	GROUND
Address:	110 LYNCH ST
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	1412076 / 2015-04-27
Facility ID:	1412076
Facility Type:	ER
DER Facility ID:	460687
Site ID:	505887
DEC Region:	7
Spill Cause:	Traffic Accident
Spill Class:	C3
SWIS:	3415
Spill Date:	2015-03-25
Investigator:	CFNORRIS
Referred To:	Not reported
Reported to Dept:	2015-03-25
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	False
Remediation Phase:	0

GROUND (Continued) **S117851506**

Date Entered In Computer:	2015-03-25
Spill Record Last Update:	2015-04-27
Spiller Name:	KIM MOSHER
Spiller Company:	BOXER TRUCKING
Spiller Address:	110 LYNCH ST
Spiller Company:	999
Contact Name:	KIM MOSHER
DEC Memo:	"Dump Truck tipped during routine activities. hydraulic lines broken and diesal tank punctured. Pads and booms used to capture release of materials. Disposal Manifest received 4/27/2015"
Remarks:	"truck turned over clean up is in progress"

All Materials:

Site ID:	505887
Operable Unit ID:	1255194
Operable Unit:	01
Material ID:	2257903
Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

Site ID:	505887
Operable Unit ID:	1255194
Operable Unit:	01
Material ID:	2257904
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

C13 **CITY OF SYRACUSE** **NY LTANKS S100129376**
West **226 TEALL AVE** **NY Spills N/A**
< 1/8 **SYRACUSE, NY**
0.097 mi.
514 ft. **Site 1 of 4 in cluster C**

Relative: **Higher**
Actual: **417 ft.**

LTANKS:

Name:	POST OFFICE - TEAL AVE.
Address:	226 TEALL AVE
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	8709499 / 1988-05-20
Facility ID:	8709499
Site ID:	93977
Spill Date:	1988-02-08
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	1988-05-20

CITY OF SYRACUSE (Continued) **S100129376**

SWIS:	3415
Investigator:	AJMARSCH
Referred To:	Not reported
Reported to Dept:	1988-02-08
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1988-02-22
Spill Record Last Update:	1988-06-02
Spiller Name:	Not reported
Spiller Company:	POST OFFICE (ED RICH)
Spiller Address:	TEAL AVENUE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	7
DER Facility ID:	191190
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was JM 04/13/88: TANK WAS TIGHT. LEAK IN PIPINGWAS FIXED. "
Remarks:	"6,000 GAL. TANK. GROSS LEAK RATE. WILL EXCAVATE, ISOLATE & RETEST."

All Materials:

Site ID:	93977
Operable Unit ID:	914924
Operable Unit:	01
Material ID:	464825
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	CITY OF SYRACUSE
Address:	226 TEALL AVE
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	0201720 / 2002-07-08
Facility ID:	0201720
Facility Type:	ER
DER Facility ID:	191190
Site ID:	232000
DEC Region:	7
Spill Cause:	Unknown
Spill Class:	D3
SWIS:	3415
Spill Date:	2002-05-16
Investigator:	RJBRAZEL

CITY OF SYRACUSE (Continued) **S100129376**

Referred To:	Not reported
Reported to Dept:	2002-05-16
CID:	211
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-05-16
Spill Record Last Update:	2002-07-08
Spiller Name:	Not reported
Spiller Company:	CITY OF SYRACUSE
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	TERRY GROVER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was RB "
Remarks:	"CALLER STATES THERE IS A GREEN LIQUID COMING FROM IDLE BUILDING WHICH IS ENTERRING POST OFFICE PROPERTY AND STORM DRAIN - PROPERTY IS NOW OWNED BY CITY AND NO CLEAN UP"

All Materials:

Site ID:	232000
Operable Unit ID:	852690
Operable Unit:	01
Material ID:	523132
Material Code:	0043A
Material Name:	antifreeze
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	US POST OFFICE
Address:	226 TEALL AVE
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	9808035 / 2002-08-06
Facility ID:	9808035
Facility Type:	ER
DER Facility ID:	191190
Site ID:	272077
DEC Region:	7
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	3415
Spill Date:	1998-09-30
Investigator:	CFMANNES
Referred To:	Not reported
Reported to Dept:	1998-09-30
CID:	257
Water Affected:	Not reported

CITY OF SYRACUSE (Continued) **S100129376**

Spill Source:	Commercial/Industrial
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	1998-09-30
Spill Record Last Update:	2006-09-26
Spiller Name:	DOUG LIDDELL
Spiller Company:	US POST OFFICE
Spiller Address:	226 TEALE AVE
Spiller Company:	001
Contact Name:	DOUG LIDDELL
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was CM NO DATA SUBMITTED"
Remarks:	"DURING TANK TANK REMOVAL FOUND CONTAMINATED SOIL"

C14 **U.S. POSTAL SERVICE** **NY UST** **U003313561**
West **226 TEALL AVE** **N/A**
< 1/8 **SYRACUSE, NY 13217**
0.097 mi.
514 ft. **Site 2 of 4 in cluster C**

Relative:
Higher

Actual:
417 ft.

UST:

Name:	U.S. POSTAL SERVICE
Address:	226 TEALL AVE
City,State,Zip:	SYRACUSE, NY 13217
Id/Status:	7-427330 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	7
Expiration Date:	N/A
UTM X:	408693.71958
UTM Y:	4767243.10216
Site Type:	Other

Affiliation Records:

Site Id:	45767
Affiliation Type:	Facility Owner
Company Name:	U.S. POSTAL SERVICE
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	5640 E. TAFT RD.
Address2:	Not reported
City:	SYRACUSE
State:	NY
Zip Code:	13220
Country Code:	001
Phone:	(315) 452-3426
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	45767
Affiliation Type:	Mail Contact

U.S. POSTAL SERVICE (Continued) **U003313561**

Company Name:	U.S. POSTAL SERVICE
Contact Type:	Not reported
Contact Name:	GERALD E. SANTIMAW
Address1:	5640 E. TAFT RD.
Address2:	Not reported
City:	SYRACUSE
State:	NY
Zip Code:	13220-9331
Country Code:	001
Phone:	(315) 452-3426
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	45767
Affiliation Type:	Facility Operator
Company Name:	U.S. POSTAL SERVICE
Contact Type:	Not reported
Contact Name:	U.S. POSTAL SERVICE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(315) 738-5357
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	45767
Affiliation Type:	Emergency Contact
Company Name:	U.S. POSTAL SERVICE
Contact Type:	Not reported
Contact Name:	JERRY SANTIMAW
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(315) 452-3426
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	131900
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	6000
Install Date:	12/01/1977

U.S. POSTAL SERVICE (Continued) **U003313561**

Date Tank Closed: 06/01/1990
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 77
Tank ID: 136631
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 6000
Install Date: 05/01/1991
Date Tank Closed: 09/01/1998
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 10/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A01 - Tank Internal Protection - Epoxy Liner
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
K01 - Spill Prevention - Catch Basin
H04 - Tank Leak Detection - Groundwater Well
G04 - Tank Secondary Containment - Double-Walled (Underground)
F05 - Pipe External Protection - Jacketed
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser

C15 **TEALL AVE POST OFFICE** **NY Spills** **S102166086**
West **TEALL AVENUE** **N/A**
< 1/8 **SYRACUSE, NY**
0.102 mi.
536 ft. **Site 3 of 4 in cluster C**

Relative:
Higher

Actual:
417 ft.

SPILLS:

Name:	TEALL AVE POST OFFICE
Address:	TEALL AVENUE
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	8912289 / 1991-06-05
Facility ID:	8912289
Facility Type:	ER
DER Facility ID:	247164
Site ID:	175121
DEC Region:	7
Spill Cause:	Deliberate
Spill Class:	Not reported
SWIS:	3415
Spill Date:	1990-03-27
Investigator:	GREGG
Referred To:	Not reported
Reported to Dept:	1990-03-27
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Affected Persons
Cleanup Ceased:	1991-06-05
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1990-04-03
Spill Record Last Update:	1991-06-27
Spiller Name:	Not reported
Spiller Company:	Syracuse Rigging
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TG 04/20/91: SITE VISIT NEEDED TO SEE IF PROBLEM IS STILL OCCURING. "
Remarks:	"200 BLOCK OF TEALL AVE. DIRECTLY IN REAR OF COMPLEX. OIL IS SEEPING OVER TOWARD PROPERTY."

All Materials:

Site ID:	175121
Operable Unit ID:	939113
Operable Unit:	01
Material ID:	441760
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

16
SSE
< 1/8
0.106 mi.
558 ft.

JUNKYARD NEAR
1807 ERIE BLVD
SYRACUSE, NY

NY LTANKS
NY Spills

S100127531
N/A

Relative:
Higher

Actual:
423 ft.

LTANKS:

Name:	DAY&NITE AUTO SERVICE
Address:	1807 ERIE BLVD
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	8803911 / 1988-09-06
Facility ID:	8803911
Site ID:	87589
Spill Date:	1988-08-03
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	1988-09-06
SWIS:	3415
Investigator:	AJMARSCH
Referred To:	Not reported
Reported to Dept:	1988-08-03
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1988-08-09
Spill Record Last Update:	1988-11-03
Spiller Name:	Not reported
Spiller Company:	DAY & NITE AUTO SERVICE
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	7
DER Facility ID:	80243
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was JM 09/06/88: TANK WAS REMOVED 9/6/88. NO CONTAMINATION FOUND. "
Remarks:	"2000 GALLON TANK FAILED PETRO-TITE TEST AT -.866 GPH"

All Materials:

Site ID:	87589
Operable Unit ID:	919059
Operable Unit:	01
Material ID:	459436
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

JUNKYARD NEAR (Continued) **S100127531**

SPILLS:

Name:	JUNKYARD NEAR
Address:	1807 ERIE BLVD
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	0303606 / 2003-07-07
Facility ID:	0303606
Facility Type:	ER
DER Facility ID:	80243
Site ID:	87588
DEC Region:	7
Spill Cause:	Unknown
Spill Class:	C6
SWIS:	3415
Spill Date:	2003-07-04
Investigator:	MENASH
Referred To:	Not reported
Reported to Dept:	2003-07-07
CID:	204
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-07-07
Spill Record Last Update:	2003-07-07
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	LARRY MULLEN
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MN "
Remarks:	"CONTAINERS PLASTIC 3 FEET BY 4 FEET UNKNOWN WHAT IS LEAKING BUT SOMETHING IS COMING FROM AN OPEN VALVE ON BOTTOM"

All Materials:

Site ID:	87588
Operable Unit ID:	870700
Operable Unit:	01
Material ID:	504472
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

D17
SW
< 1/8
0.109 mi.
573 ft.

CLARK CONCRETE DIVISION OF CRANESVILLE BLOCK CO
100 LYNCH ST
SYRACUSE, NY 13210

Site 1 of 7 in cluster D

NY AST **U003313327**
N/A

Relative:
Higher

Actual:
417 ft.

AST:

Name:	CLARK CONCRETE DIVISION OF CRANESVILLE BLOCK CO
Address:	100 LYNCH ST
City,State,Zip:	SYRACUSE, NY 13210
Region:	STATE
DEC Region:	7
Site Status:	Active
Facility Id:	7-380466
Program Type:	PBS
UTM X:	408703.44593
UTM Y:	4767044.67231
Expiration Date:	03/14/2021
Site Type:	Manufacturing (Other than Chemical)/Processing

Affiliation Records:

Site Id:	45437
Affiliation Type:	Mail Contact
Company Name:	CRANESVILLE BLOCK CO INC
Contact Type:	EHS DIRECTOR
Contact Name:	KIMBERLY A MOSHER
Address1:	1250 RIVERFRONT CENTER
Address2:	Not reported
City:	AMSTERDAM
State:	NY
Zip Code:	12010-4602
Country Code:	001
Phone:	(518) 684-6069
EMail:	KMOSHER@CRANESVILLE.COM
Fax Number:	Not reported
Modified By:	KCKEMP
Date Last Modified:	2016-07-25

Site Id:	45437
Affiliation Type:	Emergency Contact
Company Name:	CRANESVILLE BLOCK CO INC
Contact Type:	Not reported
Contact Name:	JOHN DOW
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(518) 866-2131
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KCKEMP
Date Last Modified:	2011-11-16

Site Id:	45437
Affiliation Type:	Facility Owner
Company Name:	CRANESVILLE BLOCK CO INC
Contact Type:	EHS DIRECTOR
Contact Name:	KIMBERLY MOSHER

CLARK CONCRETE DIVISION OF CRANESVILLE BLOCK CO (Continued) **U003313327**

Address1:	1250 RIVERFRONT CENTER
Address2:	Not reported
City:	AMSTERDAM
State:	NY
Zip Code:	12010-4602
Country Code:	001
Phone:	(518) 684-6069
EMail:	KMOSHER@CRANESVILLE.COM
Fax Number:	Not reported
Modified By:	KCKEMP
Date Last Modified:	2013-05-20

Site Id:	45437
Affiliation Type:	Facility Operator
Company Name:	CLARK CONCRETE DIVISION OF CRANESVILLE BLOCK CO
Contact Type:	Not reported
Contact Name:	ROBERT VANCOUGHNETT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(518) 684-6237
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KCKEMP
Date Last Modified:	2019-05-17

Tank Info:

Tank Number:	002
Tank Id:	130863
Material Code:	0008
Common Name of Substance:	Diesel

Equipment Records:

I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported

CLARK CONCRETE DIVISION OF CRANESVILLE BLOCK CO (Continued) **U003313327**

Date Tank Closed:	06/01/1989
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	diesel
Tank Number:	1
Tank Id:	130862
Material Code:	0008
Common Name of Substance:	Diesel

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
J02 - Dispenser - Suction Dispenser
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
E01 - Piping Secondary Containment - Diking (AG only)

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Tank Converted to Non-Regulated Use
Pipe Model:	Not reported
Install Date:	03/07/2006
Capacity Gallons:	8000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	11/16/2011
Register:	True
Modified By:	KCKEMP
Last Modified:	04/14/2017
Material Name:	diesel
Tank Number:	2
Tank Id:	227243
Material Code:	2642
Common Name of Substance:	Used Oil (Heating, On-Site Consumption)

Equipment Records:

K01 - Spill Prevention - Catch Basin
I04 - Overfill - Product Level Gauge (A/G)
D10 - Pipe Type - Copper
C01 - Pipe Location - Aboveground
G10 - Tank Secondary Containment - Impervious Underlayment
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

CLARK CONCRETE DIVISION OF CRANESVILLE BLOCK CO (Continued) **U003313327**

F00 - Pipe External Protection - None
L00 - Piping Leak Detection - None
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
J02 - Dispenser - Suction Dispenser
E01 - Piping Secondary Containment - Diking (AG only)

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/30/2009
Capacity Gallons:	1000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KCKEMP
Last Modified:	04/14/2017
Material Name:	used oil (heating, on-site consumption)
Tank Number:	3
Tank Id:	227244
Material Code:	0015
Common Name of Substance:	Motor Oil

Equipment Records:

K01 - Spill Prevention - Catch Basin
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
G10 - Tank Secondary Containment - Impervious Underlayment
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
L00 - Piping Leak Detection - None
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
J02 - Dispenser - Suction Dispenser
E01 - Piping Secondary Containment - Diking (AG only)

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/30/2009
Capacity Gallons:	1000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KCKEMP
Last Modified:	04/14/2017
Material Name:	motor oil

CLARK CONCRETE DIVISION OF CRANESVILLE BLOCK CO (Continued) **U003313327**

Tank Number: 4
Tank Id: 227246
Material Code: 0010
Common Name of Substance: Hydraulic Oil

Equipment Records:

G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
G10 - Tank Secondary Containment - Impervious Underlayment
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
E01 - Piping Secondary Containment - Diking (AG only)

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/30/2009
Capacity Gallons: 1000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KCKEMP
Last Modified: 04/14/2017
Material Name: hydraulic oil

Tank Number: 5
Tank Id: 227247
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

K01 - Spill Prevention - Catch Basin
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
G10 - Tank Secondary Containment - Impervious Underlayment
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
L00 - Piping Leak Detection - None
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
D00 - Pipe Type - No Piping
J02 - Dispenser - Suction Dispenser
E01 - Piping Secondary Containment - Diking (AG only)

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated

CLARK CONCRETE DIVISION OF CRANESVILLE BLOCK CO (Continued) **U003313327**

	above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Temporarily Out of Service
Pipe Model:	Not reported
Install Date:	01/30/2009
Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KCKEMP
Last Modified:	04/14/2017
Material Name:	lube oil
Tank Number:	6
Tank Id:	241658
Material Code:	0008
Common Name of Substance:	Diesel

Equipment Records:

K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
G10 - Tank Secondary Containment - Impervious Underlayment
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
J02 - Dispenser - Suction Dispenser
E01 - Piping Secondary Containment - Diking (AG only)

Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	11/16/2011
Capacity Gallons:	7500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KCKEMP
Last Modified:	04/14/2017
Material Name:	diesel

D18
SW
< 1/8
0.109 mi.
573 ft.

CLARK CONCRETE DIVISION OF CRANESVILLE BLOCK CO
100 LYNCH ST
SYRACUSE, NY 13210

Site 2 of 7 in cluster D

NY UST **U004082197**
N/A

Relative:
Higher

Actual:
417 ft.

UST:

Name:	CLARK CONCRETE DIVISION OF CRANESVILLE BLOCK CO
Address:	100 LYNCH ST
City,State,Zip:	SYRACUSE, NY 13210
Id/Status:	7-380466 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	7
Expiration Date:	03/14/2021
UTM X:	408703.44593
UTM Y:	4767044.67231
Site Type:	Manufacturing (Other than Chemical)/Processing

Affiliation Records:

Site Id:	45437
Affiliation Type:	Mail Contact
Company Name:	CRANESVILLE BLOCK CO INC
Contact Type:	EHS DIRECTOR
Contact Name:	KIMBERLY A MOSHER
Address1:	1250 RIVERFRONT CENTER
Address2:	Not reported
City:	AMSTERDAM
State:	NY
Zip Code:	12010-4602
Country Code:	001
Phone:	(518) 684-6069
EMail:	KMOSHER@CRANESVILLE.COM
Fax Number:	Not reported
Modified By:	KCKEMP
Date Last Modified:	2016-07-25

Site Id:	45437
Affiliation Type:	Emergency Contact
Company Name:	CRANESVILLE BLOCK CO INC
Contact Type:	Not reported
Contact Name:	JOHN DOW
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(518) 866-2131
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KCKEMP
Date Last Modified:	2011-11-16

Site Id:	45437
Affiliation Type:	Facility Owner
Company Name:	CRANESVILLE BLOCK CO INC
Contact Type:	EHS DIRECTOR
Contact Name:	KIMBERLY MOSHER
Address1:	1250 RIVERFRONT CENTER

CLARK CONCRETE DIVISION OF CRANESVILLE BLOCK CO (Continued) **U004082197**

Address2:	Not reported
City:	AMSTERDAM
State:	NY
Zip Code:	12010-4602
Country Code:	001
Phone:	(518) 684-6069
EMail:	KMOSHER@CRANESVILLE.COM
Fax Number:	Not reported
Modified By:	KCKEMP
Date Last Modified:	2013-05-20

Site Id:	45437
Affiliation Type:	Facility Operator
Company Name:	CLARK CONCRETE DIVISION OF CRANESVILLE BLOCK CO
Contact Type:	Not reported
Contact Name:	ROBERT VANCOUGHNETT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(518) 684-6237
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KCKEMP
Date Last Modified:	2019-05-17

Tank Info:

Tank Number:	003
Tank ID:	130864
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	Not reported
Date Tank Closed:	06/01/1989
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

CLARK CONCRETE DIVISION OF CRANESVILLE BLOCK CO (Continued) **U004082197**

H04 - Tank Leak Detection - Groundwater Well
J02 - Dispenser - Suction Dispenser
G07 - Tank Secondary Containment - Excavation Liner

Tank Number:	004
Tank ID:	130865
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	Not reported
Date Tank Closed:	06/01/1989
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

I00 - Overfill - None
G07 - Tank Secondary Containment - Excavation Liner
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H04 - Tank Leak Detection - Groundwater Well
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser

D19 **CLARK'S CONCRETE** **NY Spills** **S104282771**
SW **TEAL AVENUE** **N/A**
< 1/8 **SYRACUSE, NY**
0.109 mi.
575 ft. **Site 3 of 7 in cluster D**

Relative: **Higher**
Actual: **417 ft.**

SPILLS:

Name:	CLARK'S CONCRETE
Address:	TEAL AVENUE
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	9960038 / 2002-08-05
Facility ID:	9960038
Facility Type:	ER
DER Facility ID:	142916
Site ID:	74280
DEC Region:	7
Spill Cause:	Deliberate
Spill Class:	C3
SWIS:	3415
Spill Date:	1999-09-28
Investigator:	CFMANNES
Referred To:	Not reported

CLARK'S CONCRETE (Continued) **S104282771**

Reported to Dept:	1999-10-04
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-10-05
Spill Record Last Update:	2002-08-05
Spiller Name:	GORDAN LENNERD
Spiller Company:	CLARK'S CONCRETE
Spiller Address:	TEAL AVE
Spiller Company:	001
Contact Name:	TOM GERUSO
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was CM REPONDER NASH OVERSAW FINAL CLEAN UP"
Remarks:	"ONON. SHERIFF'S DEPT. ROUTINE DOT CHECK, OBSERVED OIL SUBSTANCE LEAKING FROM BACK OF CEMENT TRUCK."

All Materials:

Site ID:	74280
Operable Unit ID:	1090266
Operable Unit:	01
Material ID:	290558
Material Code:	0016A
Material Name:	non PCB oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

D20 **CLARK CONCRETE** **NY Spills** **S102165444**
SW **TEAL AVENUE/LYNCH ST** **N/A**
< 1/8 **SYRACUSE, NY**
0.109 mi.
575 ft. **Site 4 of 7 in cluster D**

Relative:
Higher

Actual:
417 ft.

SPILLS:

Name:	CLARK CONCRETE
Address:	TEAL AVENUE/LYNCH ST
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	9903190 / 1999-08-31
Facility ID:	9903190
Facility Type:	ER
DER Facility ID:	101432
Site ID:	116590
DEC Region:	7
Spill Cause:	Deliberate
Spill Class:	D4
SWIS:	3415
Spill Date:	1999-06-19

CLARK CONCRETE (Continued) **S102165444**

Investigator:	MENASH
Referred To:	Not reported
Reported to Dept:	1999-06-19
CID:	387
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-06-19
Spill Record Last Update:	1999-08-31
Spiller Name:	Not reported
Spiller Company:	CLARK CONCRETE
Spiller Address:	TEALL AV
Spiller Company:	001
Contact Name:	STEVEN CLARK
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MN "
Remarks:	"oiling of trucks everyday and just let the excess oil run in the ground-cover up the oil with dirt and dump other materials into a waste pond which they have blocked off so nothing can go into the sewer system-"

All Materials:

Site ID:	116590
Operable Unit ID:	1082110
Operable Unit:	01
Material ID:	303115
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	CLARK CONCRETE
Address:	TEAL AVENUE
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	9211680 / 1996-06-06
Facility ID:	9211680
Facility Type:	ER
DER Facility ID:	142916
Site ID:	74278
DEC Region:	7
Spill Cause:	Deliberate
Spill Class:	C4
SWIS:	3415
Spill Date:	1993-01-12
Investigator:	MENASH
Referred To:	Not reported
Reported to Dept:	1993-01-12

CLARK CONCRETE (Continued) **S102165444**

CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1993-01-22
Spill Record Last Update:	1996-06-06
Spiller Name:	Not reported
Spiller Company:	CLARK CONCRETE
Spiller Address:	TEAL AVE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MN 09/28/95: This is additional information about material spilled from the translation of the old spill file: CONCRETE MIX."
Remarks:	"FLOOR DRAIN FROM BLDG LEADSTO SOIL PIT IN GROUND AND WASTE CHEMICALS ARE FLUSHED TO PIT WHENEVER SPILL OCCURS IN CHEM TANK ROOM. ONGOING AT LEAST FIVE YEARS."

D21 **CLARKS CONCRETE** **NY Spills** **S102168033**
SW **TEALL AVE & ERIE BLVD E** **N/A**
< 1/8 **SYRACUSE, NY**
0.109 mi.
575 ft. **Site 5 of 7 in cluster D**

Relative: **Higher**
Actual: **417 ft.**

SPILLS:

Name:	CLARKS CONCRETE
Address:	TEALL AVE & ERIE BLVD E
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	9504937 / 1995-07-31
Facility ID:	9504937
Facility Type:	ER
DER Facility ID:	73795
Site ID:	79484
DEC Region:	7
Spill Cause:	Deliberate
Spill Class:	D4
SWIS:	3415
Spill Date:	1995-07-24
Investigator:	CFMANNES
Referred To:	Not reported
Reported to Dept:	1995-07-24
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1995-09-07

CLARKS CONCRETE (Continued) **S102168033**

Spill Record Last Update: 1997-11-28
Spiller Name: Not reported
Spiller Company: CLARKS CONCRETE
Spiller Address: TEALL & ERIE BLVD EAST
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was CM "
Remarks: "THEY USE OIL ON TRUCKS SO CONCRETE WON'T STICK. THEY WASH THE TRUCKS AT NIGHT. OIL IS VISIBLE ON GROUND. WASH WATER GOES TO STORM SEWER."

All Materials:
Site ID: 79484
Operable Unit ID: 1019702
Operable Unit: 01
Material ID: 569878
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: L
Recovered: .00
Oxygenate: Not reported

D22 **CLARK CONCRETE** **NY Spills** **S102168047**
SW **LYNCH STREET** **N/A**
< 1/8 **SYRACUSE, NY**
0.109 mi.
575 ft. **Site 6 of 7 in cluster D**

Relative: Higher
Actual: 417 ft.

SPILLS:
Name: CLARK CONCRETE
Address: LYNCH STREET
City,State,Zip: SYRACUSE, NY
Spill Number/Closed Date: 9505236 / 1995-07-28
Facility ID: 9505236
Facility Type: ER
DER Facility ID: 232746
Site ID: 317642
DEC Region: 7
Spill Cause: Housekeeping
Spill Class: C3
SWIS: 3415
Spill Date: 1995-07-28
Investigator: GREGG
Referred To: Not reported
Reported to Dept: 1995-07-28
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Citizen
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: 1995-07-28
Recommended Penalty: False
UST Trust: False

CLARK CONCRETE (Continued) **S102168047**

Remediation Phase:	0
Date Entered In Computer:	1995-08-01
Spill Record Last Update:	1996-11-15
Spiller Name:	Not reported
Spiller Company:	CLARK CONCRETE CO. INC.
Spiller Address:	434 E. BRIGHTON AVE.
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TG "
Remarks:	"OIL USED FOR LUBRICATING SHUTES ON CEMENT MIXERS PUDDLING ON GROUND. WAITING FOR DECISION FROM ALBANY ON ACTION TO BE TAKEN."

All Materials:

Site ID:	317642
Operable Unit ID:	1019995
Operable Unit:	01
Material ID:	363228
Material Code:	0016A
Material Name:	non PCB oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

D23 **CONSOLIDATED RAIL CORP** **RCRA NonGen / NLR** **1000353227**
SW **TEAL AVE & PEAT ST** **NYD000691220**
< 1/8 **SYRACUSE, NY 13206**
0.110 mi.
579 ft. **Site 7 of 7 in cluster D**

Relative: **Higher**
Actual: **417 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2013-03-04 00:00:00.0
Handler Name:	CONSOLIDATED RAIL CORP
Handler Address:	TEAL AVE & PEAT ST
Handler City,State,Zip:	SYRACUSE, NY 13206
EPA ID:	NYD000691220
Contact Name:	KIMBERLY R VAUGHN
Contact Address:	WATER ST
Contact City,State,Zip:	JACKSONVILLE, FL 32202
Contact Telephone:	904-366-4174
Contact Fax:	904-245-3231
Contact Email:	KIM_VAUGHN@CSX.COM
Contact Title:	MGR ENVIRON PROGRAMS & WASTE
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R7
Mailing Address:	WATER ST
Mailing City,State,Zip:	JACKSONVILLE, FL 32202

CONSOLIDATED RAIL CORP (Continued) **1000353227**

Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported

CONSOLIDATED RAIL CORP (Continued) **1000353227**

Manifest Broker: Not reported
Sub-Part P Indicator: Not reported

Hazardous Waste Summary:
Waste Code: D002
Waste Description: CORROSIVE WASTE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED RAIL CORP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: PP
Owner/Operator Name: CSX TRANSPORTATION
Legal Status: Private
Date Became Current: 1980-08-18 00:00:00.
Date Ended Current: 2013-03-04 00:00:00.
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, FL
Owner/Operator Telephone: 904-366-4174
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED RAIL CORP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED RAIL CORP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

CONSOLIDATED RAIL CORP (Continued) **1000353227**

Owner/Operator Indicator:	PO
Owner/Operator Name:	CSX TRANSPORTATION
Legal Status:	Private
Date Became Current:	1980-08-18 00:00:00.
Date Ended Current:	2013-03-04 00:00:00.
Owner/Operator Address:	500 WATER ST J-275
Owner/Operator City,State,Zip:	JACKSONVILLE, FL 32202
Owner/Operator Telephone:	904-366-4174
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-07-08 00:00:00.0
Handler Name:	CONSOLIDATED RAIL CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-01-01 00:00:00.0
Handler Name:	CONSOLIDATED RAIL CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-01-01 00:00:00.0
Handler Name:	CONSOLIDATED RAIL CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-03-04 00:00:00.0
Handler Name:	CONSOLIDATED RAIL CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No

CONSOLIDATED RAIL CORP (Continued) **1000353227**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1980-08-18 00:00:00.0
Handler Name:	CONSOLIDATED RAIL CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1988-09-27 00:00:00.0
Actual Return to Compliance Date:	1988-10-25 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1988-11-17 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1988-10-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NYDEC
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

CONSOLIDATED RAIL CORP (Continued) **1000353227**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1988-09-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYDEC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-10-25 00:00:00.0
Scheduled Compliance Date:	1988-11-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

E24 **WINKLEMAN CO. INC.** **NY Spills** **S102166707**
WSW **222 TEAL AVE** **N/A**
< 1/8 **SYRACUSE, NY**
0.118 mi.
624 ft. **Site 1 of 4 in cluster E**

Relative: **Higher**

Actual: **417 ft.**

SPILLS:

Name:	WINKLEMAN CO. INC.
Address:	222 TEAL AVE
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	9003085 / 1990-07-26
Facility ID:	9003085
Facility Type:	ER
DER Facility ID:	123620
Site ID:	145057
DEC Region:	7
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	3415
Spill Date:	1990-06-18
Investigator:	ROMOCKI
Referred To:	Not reported
Reported to Dept:	1990-06-18
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Fire Department
Cleanup Ceased:	1990-07-18
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1990-06-21
Spill Record Last Update:	1990-07-26

WINKLEMAN CO. INC. (Continued) **S102166707**

Spiller Name:	Not reported
Spiller Company:	PETER WINKLEMAN CO. INC.
Spiller Address:	PO BOX 6549
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MR 07/26/90: OIL RUNOFF FROM PARKING LOT AREA,NEW BLACKTOP. UNKNOWN SOURCE. PROPERTY OWNER HIRED DOMERMUTH ENV. SERVICES INC. TO CLEAN UP. "
Remarks:	"AFFECTED AREA BEHIND POST OFFICE. SOURCE SEEMS TO BE COMING FROM 101 GREENWAY ST."

All Materials:

Site ID:	145057
Operable Unit ID:	943223
Operable Unit:	01
Material ID:	437805
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	3.00
Units:	G
Recovered:	2.00
Oxygenate:	Not reported

F25 **HALLAMORE CORP** **NY LTANKS** **S100493275**
East **201 PETE STREET** **N/A**
< 1/8 **SYRACUSE, NY**
0.119 mi.
627 ft. **Site 1 of 2 in cluster F**

Relative: **Higher**

Actual: **418 ft.**

LTANKS:

Name:	HALLAMORE CORP
Address:	201 PETE STREET
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	9112880 / 1993-01-12
Facility ID:	9112880
Site ID:	127597
Spill Date:	1992-03-17
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	1993-01-12
SWIS:	3415
Investigator:	MENASH
Referred To:	Not reported
Reported to Dept:	1992-03-17
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1992-03-19

HALLAMORE CORP (Continued) **S100493275**

Spill Record Last Update:	1993-01-12
Spiller Name:	Not reported
Spiller Company:	HALLOMORE
Spiller Address:	17 RAILROAD AVE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	7
DER Facility ID:	110164
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MN 03/18/92: TANK PULL DUG OUT MAJORITY OF CONTAMINATED SOIL. "
Remarks:	"EXCAVATE CONTAMINATED SOIL AROUND 4000 GAL TANK FILLED WITH CONCRETE SLURRY. CLOSURE OCCURRED APROX. 10 YEARS AGO."

All Materials:

Site ID:	127597
Operable Unit ID:	963491
Operable Unit:	01
Material ID:	414427
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

26
South
< 1/8
0.122 mi.
644 ft.

SYRACUSE DPW **NY Spills** **S103827298**
ERIE BLVD E/LOMBARD ST **N/A**
SYRACUSE, NY

Relative: Higher

Actual: 429 ft.

SPILLS:

Name:	SYRACUSE DPW
Address:	ERIE BLVD E/LOMBARD ST
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	9812761 / 1999-01-18
Facility ID:	9812761
Facility Type:	ER
DER Facility ID:	152084
Site ID:	181373
DEC Region:	7
Spill Cause:	Other
Spill Class:	C3
SWIS:	3415
Spill Date:	1999-01-17
Investigator:	HDWARNER
Referred To:	Not reported
Reported to Dept:	1999-01-17
CID:	246
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported

SYRACUSE DPW (Continued) **S103827298**

Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-01-17
Spill Record Last Update:	1999-01-28
Spiller Name:	ED ANGOITTI
Spiller Company:	CITY OF SYRACUSE DPW
Spiller Address:	PEAT ST
Spiller Company:	001
Contact Name:	CAPT CAVUTO
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was HW "
Remarks:	"VEHICLE FIRE AT LOCATION CAUSED MATERIAL TO BE DEPOSITED ONTO ROADWAY - FD RESPONDED - MATERIAL RECOVERED USING SPEEDY DRY AND SHOVELS AND ABSORBENT PADS"

All Materials:

Site ID:	181373
Operable Unit ID:	1070027
Operable Unit:	01
Material ID:	313043
Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	25.00
Units:	G
Recovered:	25.00
Oxygenate:	Not reported

C27 **TEALL AVENUE WAREHOUSE** **RCRA NonGen / NLR** **1000225626**
West **222 TEALL AVE** **FINDS** **NYD981075997**
1/8-1/4 **SYRACUSE, NY 13210** **ECHO**
0.133 mi. **NY MANIFEST**
704 ft. **Site 4 of 4 in cluster C**

Relative:
Higher

Actual:
417 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2007-01-01 00:00:00.0
Handler Name:	TEALL AVENUE WAREHOUSE
Handler Address:	222 TEALL AVE
Handler City,State,Zip:	SYRACUSE, NY 13210
EPA ID:	NYD981075997
Contact Name:	RICK HOWARD
Contact Address:	CEDAR ST
Contact City,State,Zip:	SYRACUSE, NY 13210
Contact Telephone:	315-426-3966
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported

TEALL AVENUE WAREHOUSE (Continued) **1000225626**

Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R7
Mailing Address:	CEDAR ST
Mailing City,State,Zip:	SYRACUSE, NY 13210
Owner Name:	ROGER BURDICK
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0

TEALL AVENUE WAREHOUSE (Continued) **1000225626**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	NONE
Waste Description:	Not Defined

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROGER BURDICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TEALL PROPERTIES LLC
Legal Status:	Private
Date Became Current:	1999-04-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	225 E 95TH ST - #21-J
Owner/Operator City,State,Zip:	NEW YORK, NY 10128
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HUTCHINGS PSYCHIATRIC CENTER
Legal Status:	State
Date Became Current:	2006-07-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

TEALL AVENUE WAREHOUSE (Continued) **1000225626**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROGER BURDICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TEALL PROPERTIES LLC
Legal Status:	Private
Date Became Current:	1999-04-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	225 E 95TH ST - #21-J
Owner/Operator City,State,Zip:	NEW YORK, NY 10128
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-07-08 00:00:00.0
Handler Name:	NYNEX ENTERPRISES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-07-05 00:00:00.0
Handler Name:	TEALL AVENUE WAREHOUSE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-01-01 00:00:00.0
Handler Name:	TEALL AVENUE WAREHOUSE
Federal Waste Generator Description:	Not a generator, verified

TEALL AVENUE WAREHOUSE (Continued) **1000225626**

State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1985-05-05 00:00:00.0
Handler Name: NYNEX ENTERPRISES
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2006-07-06 00:00:00.0
Handler Name: TEALL AVENUE WAREHOUSE
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 53119
NAICS Description: LESSORS OF OTHER REAL ESTATE PROPERTY

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004394325

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

TEALL AVENUE WAREHOUSE (Continued) **1000225626**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000225626
Registry ID:	110004394325
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004394325
Name:	TEALL AVENUE WAREHOUSE
Address:	222 TEALL AVE
City,State,Zip:	SYRACUSE, NY 13210

NY MANIFEST:

Name:	TEALL AVENUE WAREHOUSE
Address:	222 TEALL AVE
City,State,Zip:	SYRACUSE, NY 13210
Country:	USA
EPA ID:	NYD981075997
Facility Status:	Not reported
Location Address 1:	222 TEALL AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	SYRACUSE
Location State:	NY
Location Zip:	13210
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD981075997
Mailing Name:	TEALL AVENUE WAREHOUSE
Mailing Contact:	RICK HOWARD
Mailing Address 1:	500 CEDAR STREET
Mailing Address 2:	Not reported
Mailing City:	SYRACUSE
Mailing State:	NY
Mailing Zip:	13210
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	3154263999

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	MAD039322250
Trans2 State ID:	NYD982792814
Generator Ship Date:	07/25/2006
Trans1 Recv Date:	07/25/2006
Trans2 Recv Date:	07/27/2006
TSD Site Recv Date:	08/07/2006
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported

TEALL AVENUE WAREHOUSE (Continued) **1000225626**

Generator EPA ID:	NYD981075997
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NCD000648451
TSDF ID 2:	Not reported
Manifest Tracking Number:	NYC7756514
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	139
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

E28 **222 TEALL AVE** **NY AST** **A100462536**
West **220 - 222 TEALL AVE** **N/A**
1/8-1/4 **SYRACUSE, NY 13208**
0.134 mi.
705 ft. **Site 2 of 4 in cluster E**

Relative: **Higher**

Actual: **417 ft.**

AST:

Name:	222 TEALL AVE
Address:	220 - 222 TEALL AVE
City,State,Zip:	SYRACUSE, NY 13208
Region:	STATE
DEC Region:	7
Site Status:	Unregulated/Closed
Facility Id:	7-601638
Program Type:	PBS
UTM X:	Not reported
UTM Y:	Not reported
Expiration Date:	N/A
Site Type:	Other Wholesale/Retail Sales

Affiliation Records:

222 TEALL AVE (Continued) **A100462536**

Site Id:	568421
Affiliation Type:	Facility Owner
Company Name:	TEALL PROPERTIES LLC
Contact Type:	CFO
Contact Name:	STEVE RAKES
Address1:	5533 WEST RIVER RD
Address2:	Not reported
City:	SCOTTSVILLE
State:	VA
Zip Code:	24590
Country Code:	001
Phone:	(434) 328-7010
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KCKEMP
Date Last Modified:	2018-04-23

Site Id:	568421
Affiliation Type:	Mail Contact
Company Name:	HAMPSHIRE INVESTMENTS LTD
Contact Type:	Not reported
Contact Name:	MR STEVE RAKES
Address1:	PO BOX 359
Address2:	Not reported
City:	KEENE
State:	VA
Zip Code:	22946
Country Code:	001
Phone:	(434) 328-7007
EMail:	SRAKES@HAMPSHIREINVEST.COM
Fax Number:	Not reported
Modified By:	KCKEMP
Date Last Modified:	2018-04-23

Site Id:	568421
Affiliation Type:	Facility Operator
Company Name:	222 TEALL AVE
Contact Type:	Not reported
Contact Name:	DAVID COHEN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KCKEMP
Date Last Modified:	2018-04-19

Site Id:	568421
Affiliation Type:	Emergency Contact
Company Name:	TEALL PROPERTIES LLC
Contact Type:	Not reported
Contact Name:	DAVID COHEN
Address1:	Not reported

222 TEALL AVE (Continued) **A100462536**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(315) 439-4004
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KCKEMP
Date Last Modified:	2018-04-23

Tank Info:

Tank Number:	001
Tank Id:	275602

Equipment Records:

L00 - Piping Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
J00 - Dispenser - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I00 - Overfill - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
G01 - Tank Secondary Containment - Diking (Aboveground)

Tank Location:	Aboveground in subterranean vault with access for inspections..... Tank in subterranean vault but accessible for inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - In Place
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	8999
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	04/13/2018
Register:	True
Modified By:	KCKEMP
Last Modified:	04/23/2018
Material Name:	#2 fuel oil (on-site consumption)

Tank Number:	002
Tank Id:	275603

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
G01 - Tank Secondary Containment - Diking (Aboveground)
L00 - Piping Leak Detection - None

222 TEALL AVE (Continued) **A100462536**

J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - In Place
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	299
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	04/13/2018
Register:	True
Modified By:	KCKEMP
Last Modified:	04/23/2018
Material Name:	#2 fuel oil (on-site consumption)

G29 **SYRACUSE MATERIALS RECOVERY** **RCRA NonGen / NLR** **1010566211**
ENE **301 PEAT ST** **NYR000147967**
1/8-1/4 **SYRACUSE, NY 13210**
0.134 mi.
710 ft. **Site 1 of 7 in cluster G**

Relative: **Higher**
Actual: **417 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2007-07-17 00:00:00.0
Handler Name:	SYRACUSE MATERIALS RECOVERY
Handler Address:	301 PEAT ST
Handler City,State,Zip:	SYRACUSE, NY 13210
EPA ID:	NYR000147967
Contact Name:	JOSEPH TARTAGLIA
Contact Address:	PEAT ST
Contact City,State,Zip:	SYRACUSE, NY 13210
Contact Telephone:	315-476-0800
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R7
Mailing Address:	PEAT ST
Mailing City,State,Zip:	SYRACUSE, NY 13210
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No

SYRACUSE MATERIALS RECOVERY (Continued) **1010566211**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SYRACUSE MATERIALS RECOVERY
Legal Status:	Private

SYRACUSE MATERIALS RECOVERY (Continued) **1010566211**

Date Became Current: 1994-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SYRACUSE MATERIALS RECOVERY
Legal Status: Private
Date Became Current: 1994-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2007-07-17 00:00:00.0
Handler Name: SYRACUSE MATERIALS RECOVERY
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2007-07-18 00:00:00.0
Handler Name: SYRACUSE MATERIALS RECOVERY
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42393
NAICS Description: RECYCLABLE MATERIAL MERCHANT WHOLESALERS

NAICS Code: 42512
NAICS Description: WHOLESALE TRADE AGENTS AND BROKERS

SYRACUSE MATERIALS RECOVERY (Continued) **1010566211**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

G30 **SYRACUSE MATERIALS RECOVERY** **NY SWF/LF** **S116357433**
ENE **301 PEAT ST** **NY SWRCY** **N/A**
1/8-1/4 **SYRACUSE, NY 13210** **NY MANIFEST**
0.134 mi. **NY SPDES**
710 ft. **Site 2 of 7 in cluster G**

Relative:
Higher

Actual:
417 ft.

SWF/LF:

Name:	SYRACUSE MATERIALS RECOVERY - SMR
Address:	301 PEAT STREET
City,State,Zip:	SYRACUSE, NY 13210
Flag:	INACTIVE
Region Code:	7
Phone Number:	3154760800
Owner Name:	Syracuse Materials Recovery - SMR
Owner Type:	Private
Owner Address:	PO Box 514
Owner Addr2:	Not reported
Owner City,St,Zip:	Utica, NY 13503
Owner Email:	aaronr@empirerecycling.com
Owner Phone:	3157247161
Contact Name:	Dave Levitt
Contact Address:	301 Peat Street
Contact Addr2:	Not reported
Contact City,St,Zip:	Syracuse, NY 13210
Contact Email:	dave@empirerecycling.com
Contact Phone:	3157247161
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	[34J00]
Active:	No
East Coordinate:	0
North Coordinate:	0
Accuracy Code:	3.6 - Unknown type
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

SWRCY:

Name:	SYRACUSE MATERIALS RECOVERY - SMR
Address:	301 PEAT STREET
City,State,Zip:	SYRACUSE, NY 13210
Region:	7
Facility Address 2:	Not reported
Phone Number:	3154760800

SYRACUSE MATERIALS RECOVERY (Continued) **S116357433**

Owner Type:	Private
Owner Name:	Syracuse Materials Recovery - SMR
Owner Address:	PO Box 514
Owner Address 2:	Not reported
Owner City,St,Zip:	Utica, NY 13503
Owner Email:	aaronr@empirerecycling.com
Owner Phone:	3157247161
Contact Name:	Dave Levitt
Contact Address:	301 Peat Street
Contact Address 2:	Not reported
Contact City,St,Zip:	Syracuse, NY 13210
Contact Email:	dave@empirerecycling.com
Contact Phone:	3157247161
Activity Desc:	RHRF - exempt (non-VDF)
Activity Number:	[34M00]
Active:	No
East Coordinate:	409121
North Coordinate:	4767321
Accuracy Code:	Not reported
Regulatory Status:	Exempt
Permit #:	Not reported
Auth. Date:	Not reported
Expiration Date:	Not reported
Waste Types:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	Not reported

NY MANIFEST:

Name:	SYRACUSE MATERIALS RECOVERY
Address:	301 PEAT ST
City,State,Zip:	SYRACUSE, NY 13210
Country:	USA
EPA ID:	NYR000147967
Facility Status:	Not reported
Location Address 1:	301 PEAT ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	SYRACUSE
Location State:	NY
Location Zip:	13210
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000147967
Mailing Name:	SYRACUSE MATERIALS RECOVERY
Mailing Contact:	SYRACUSE MATERIALS RECOVERY
Mailing Address 1:	301 PEAT ST
Mailing Address 2:	Not reported
Mailing City:	SYRACUSE
Mailing State:	NY
Mailing Zip:	13210
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

SYRACUSE MATERIALS RECOVERY (Continued) **S116357433**

SPDES:

Name:	SMR METALS
Address:	301 PEAT ST
City,State,Zip:	SYRACUSE, NY 13210
Permit Number:	NYR00E184
State-Region:	07
Expiration Date:	09/30/2017
Current Major Minor Status:	Minor
Primary Facility SIC Code:	5093
State Water Body Name:	ONONDAGA CREEK
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	Not reported
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	+43.053 / -76.116
DMR Cognizant Official:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY067

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	SMR METALS
Non-Gov Permit Street Address:	SMR METALS
Non-Gov Permit Supplemental Location:	301 PEAT ST
Non-Gov Permit City:	SYRACUSE
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	13210
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	SMR METALS
Non-Gov Facility Street Address:	SMR METALS
Non-Gov Facility Supplemental Location:	301 PEAT ST
Non-Gov Facility City:	SYRACUSE
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	13210
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	SMR METALS
Address:	301 PEAT ST
City,State,Zip:	SYRACUSE, NY 13210
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY067

Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	SMR METALS
Non-Gov Permit Street Address:	301 PEAT ST
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	SYRACUSE

SYRACUSE MATERIALS RECOVERY (Continued) **S116357433**

Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	13210
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	SMR METALS
Non-Gov Facility Street Address:	SMR METALS
Non-Gov Facility Supplemental Location:	301 PEAT ST
Non-Gov Facility City:	SYRACUSE
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	13210
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	SMR METALS
Address:	301 PEAT ST
City,State,Zip:	SYRACUSE, NY 13210
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY067

Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	SMR METALS
Non-Gov Facility Street Address:	SMR METALS
Non-Gov Facility Supplemental Location:	301 PEAT ST
Non-Gov Facility City:	SYRACUSE
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	13210
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

G31 **FORMER SYRACUSE RIGGING PROPERTY** **NY INST CONTROL** **S105589979**
ENE **341 PEAT STREET** **NY ERP** **N/A**
1/8-1/4 **SYRACUSE (C), NY**
0.139 mi.
735 ft. **Site 3 of 7 in cluster G**

Relative:
Higher

Actual:
417 ft.

INST CONTROL:

Name:	FORMER SYRACUSE RIGGING PROPERTY
Address:	341 PEAT STREET
City,State,Zip:	SYRACUSE (C), NY
Site Code:	58510
Control Name:	Site Management Plan
HW Code:	Not reported
Control Code:	32
Control Type:	INST
Dt record added:	06/11/2012
Dt rec updated:	04/03/2014
Updated By:	JPCOOK
Site Code:	58510
Site Description:	Location: The Former Syracuse Rigging Property is an approximately 6.6 acre site located in the City of Syracuse at 341 Peat Street, approximately 800 feet north of the intersection of Peat Street and Erie Boulevard East. It is bordered to the north by Interstate Route 690, to the east by commercial properties and Peat Street, to the south by CSX property and commercial and industrial properties, and to the west by the former D.W. Winkelman Company property. Site Features: The property is generally flat and is partially covered with overgrown brush and vegetation, crushed stone, and portions of concrete slabs associated with the former building foundations. There are several piles of vegetative debris at the site, associated with current operations at the site. There are berms of soil located on-site that were generated by a soil excavation performed in 2001. Current Zoning/Use(s): The site is currently zoned for commercial use. The City of Syracuse Department of Public Works is temporarily utilizing the site for mulching operations and storage of vegetative debris. The surrounding properties are used for commercial and industrial purposes. Historic Uses(s): The site formerly supported several commercial and industrial operations since at least the 1890s, including a structural steel works (Archbold Brady Company), a forge shop and machine shop (Globe Forge and Manufacturing Company), an equipment repair facility (Finger Lakes Equipment Corporation), a paint and varnish supplier (Syracuse Paint and Varnish Company), several contractors and several trucking companies. Prior uses that appear to have led to site contamination include the various industrial operations and the release of petroleum products to the ground from point sources (i.e., bulk storage tanks and associated piping). Several environmental investigations were conducted prior to the site entering the Environmental Restoration Program. Several areas of concern were identified by these investigations. In 2001, petroleum impacted soils were excavated from the northeast portion of the site and stockpiled on-site in berms, which remain on-site. Site Geology and Hydrogeology: Native unconsolidated soils in the vicinity of the site generally consist of glaciolacustrine deposits, which consist primarily of fine sand and silt, but also include gravel, coarse sands and clay, underlain by glacial till. Three basic geologic units were identified at the site during the investigation. The uppermost unit consists of fill, followed by a layer of peat and marl, which is underlain by clay. The fill unit ranged from approximately 3 to 5 feet thick and consisted of sand and/or silt

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

mixed with concrete, brick, ash, cinders, wood, stone and other debris. The fill layer was underlain by a layer which consisted primarily of brown peat and extended to approximately 11-14 feet below grade. This layer also contained black and gray peat, and marl which varied in color, but was primarily white with some brown and black. Gray clay was encountered below the peat and marl layer and extended to at least 19 feet below grade. The clay layer ranged from at least 3 feet thick to at least 7 feet thick. In one location the clay layer was penetrated and was found to be underlain by gray sand and gravel from 19 to 21 feet below grade. Groundwater was encountered at depths ranging from 4 feet to 14 feet below grade and appears to flow generally to the south. Along the western side of the site, groundwater appears to flow towards the southeast. Perched groundwater was also encountered in some locations in veins of fill materials.

Env Problem: Nature and Extent of Contamination: The primary contaminants of concern at the site are petroleum, several semi-volatile organic compounds (SVOCs) and several metals, primarily nickel and arsenic. Soil: Petroleum-impacted soils were encountered in several locations which were identified by the presence of petroleum, odors, staining or some combination. Two areas were more heavily impacted by petroleum; one being in the north-central portion of the site, and the other in the south portion of the site. Several polycyclic aromatic hydrocarbons (PAHs), a subset of SVOCs, were detected in sub-surface soils in various locations across the site at concentrations exceeding unrestricted use soil cleanup objectives (SCOs). In several locations, the concentrations of one or more PAH also exceeded the SCO for the protection of public health for commercial use. Benzo(a)pyrene (a PAH) was detected at a maximum concentration of 4.0 parts per million (ppm), compared to its unrestricted use SCO of 1 ppm, which is also its commercial use SCO. In general, the highest concentrations of PAHs in soil samples corresponded to locations where there were obvious petroleum impacts to soil. Several metals (arsenic, barium, chromium, copper, nickel, lead, mercury, selenium and zinc) were detected across the site in surface soils at concentrations greater than their unrestricted use SCOs. Nickel was also detected at concentrations greater than its commercial use SCO in six samples, covering approximately 1.5 acres of the northeast portion of the site. Nickel was detected in surface soil at a maximum concentration of 4,840 ppm, compared to its commercial use SCO of 310 ppm. Arsenic and barium were detected in surface soil in isolated locations at concentrations slightly greater than their commercial use SCO. Arsenic exceeded its commercial use SCO at two locations (one of which also contained nickel above its commercial SCO) at a maximum concentration of 23 ppm, compared to its commercial use SCO of 16 ppm. Barium was detected in one location at a concentration of 405 ppm, compared to its commercial use SCO of 400 ppm. In all other samples arsenic and barium did not exceed their unrestricted SCOs (13 ppm and 350 ppm, respectively). Metals were also detected in sub-surface soils across the site at elevated levels. In nearly every sample one or more metal exceeded unrestricted SCOs. Many sub-surface soil samples from across the site also contained metals above commercial use SCOs as well. The most widespread metals exceeding commercial use SCOs are nickel and arsenic. Nickel was detected in sub-surface soil at a maximum concentration of 7,120 ppm. Arsenic was detected in sub-surface soil at a maximum concentration of 118 ppm. Barium and lead were also

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

detected in a few samples in the north-central portion of the site in excess of their commercial use SCOs. The maximum concentrations of barium and lead detected in sub-surface soil were 2,300 ppm and 24,700 ppm, respectively, as compared to their commercial use SCOs of 400 ppm and 1,000 ppm, respectively. Groundwater: A groundwater monitoring well in the southern portion of the property has been shown to collect recoverable quantities of floating petroleum product (light non-aqueous phase liquid [LNAPL]) within a few days. While LNAPL is present in this well, dissolved phase groundwater contamination was not identified. Several metals (arsenic, chromium, lead and nickel) were detected in groundwater at concentrations exceeding groundwater SCGs on two occasions in one well, in the southern portion of the site.

Health Problem: People are not drinking contaminated groundwater because the area is served by a public water supply that is not affected by site-related contamination. Access to the property is unrestricted and people may come into contact with contaminants in the soil by walking on the site, digging, or otherwise disturbing the soil. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the sub-surface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants due to soil vapor intrusion does not represent a concern for the site in its current condition. However, the potential exists for the inhalation of on- and off-site contaminants due to soil vapor intrusion for any future on-site redevelopment and occupancy.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: / 76:70:28.
Dell: False
Record Add: 10/30/2003 2:28:00 PM
Record Upd: 9/4/2013 2:54:00 PM
Updated By: JPCOOK
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Onondaga County Public Library
Owner Address: The Galleries of Syracuse
Owner Addr2: 447 South Salina Street
Owner City,St,Zip: Syracuse, NY 13202
Owner Country: United States of America
Own Op: 6
Sub Type: C01
Owner Name: William Ryan
Owner Company: Syracuse Industrial Development Agency
Owner Address: 203 City Hall
Owner Addr2: Not reported
Owner City,St,Zip: Syracuse, NY 13202
Owner Country: United States of America
Own Op: Document Repository

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

Sub Type: NNN
Owner Name: Joshua Cook
Owner Company: NYSDEC
Owner Address: 615 Erie Blvd West
Owner Addr2: Not reported
Owner City,St,Zip: Syracuse, NY 13204
Owner Country: United States of America
HW Code: Not reported
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BARIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: Petroleum Products
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: SELENIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: LEAD

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: NICKEL
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: ZINC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C301849
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 9/4/2013 3:29:00 PM
Record Updated: 9/4/2013 3:29:00 PM
Updated By: JPCOOK
Crossref ID: Not reported
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 9/4/2013 3:30:00 PM
Record Updated: 9/4/2013 3:30:00 PM
Updated By: JPCOOK

Name: FORMER SYRACUSE RIGGING PROPERTY
Address: 341 PEAT STREET
City,State,Zip: SYRACUSE (C), NY
Site Code: 58510
Control Name: Soil Management Plan
HW Code: Not reported
Control Code: 14
Control Type: INST
Dt record added: 06/11/2012
Dt rec updated: 04/03/2014
Updated By: JPCOOK
Site Code: 58510
Site Description: Location: The Former Syracuse Rigging Property is an approximately 6.6 acre site located in the City of Syracuse at 341 Peat Street, approximately 800 feet north of the intersection of Peat Street and Erie Boulevard East. It is bordered to the north by Interstate Route 690, to the east by commercial properties and Peat Street, to the south by CSX property and commercial and industrial properties, and to the west by the former D.W. Winkelman Company property. Site Features: The property is generally flat and is partially covered with overgrown brush and vegetation, crushed stone, and portions of concrete slabs associated with the former building foundations. There are several piles of vegetative debris at the site, associated with current operations at the site. There are berms of soil located on-site that were generated by a soil excavation performed in 2001. Current Zoning/Use(s): The site is currently zoned for commercial

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

use. The City of Syracuse Department of Public Works is temporarily utilizing the site for mulching operations and storage of vegetative debris. The surrounding properties are used for commercial and industrial purposes. Historic Uses(s): The site formerly supported several commercial and industrial operations since at least the 1890s, including a structural steel works (Archbold Brady Company), a forge shop and machine shop (Globe Forge and Manufacturing Company), an equipment repair facility (Finger Lakes Equipment Corporation), a paint and varnish supplier (Syracuse Paint and Varnish Company), several contractors and several trucking companies. Prior uses that appear to have led to site contamination include the various industrial operations and the release of petroleum products to the ground from point sources (i.e., bulk storage tanks and associated piping). Several environmental investigations were conducted prior to the site entering the Environmental Restoration Program. Several areas of concern were identified by these investigations. In 2001, petroleum impacted soils were excavated from the northeast portion of the site and stockpiled on-site in berms, which remain on-site. Site Geology and Hydrogeology: Native unconsolidated soils in the vicinity of the site generally consist of glaciolacustrine deposits, which consist primarily of fine sand and silt, but also include gravel, coarse sands and clay, underlain by glacial till. Three basic geologic units were identified at the site during the investigation. The uppermost unit consists of fill, followed by a layer of peat and marl, which is underlain by clay. The fill unit ranged from approximately 3 to 5 feet thick and consisted of sand and/or silt mixed with concrete, brick, ash, cinders, wood, stone and other debris. The fill layer was underlain by a layer which consisted primarily of brown peat and extended to approximately 11-14 feet below grade. This layer also contained black and gray peat, and marl which varied in color, but was primarily white with some brown and black. Gray clay was encountered below the peat and marl layer and extended to at least 19 feet below grade. The clay layer ranged from at least 3 feet thick to at least 7 feet thick. In one location the clay layer was penetrated and was found to be underlain by gray sand and gravel from 19 to 21 feet below grade. Groundwater was encountered at depths ranging from 4 feet to 14 feet below grade and appears to flow generally to the south. Along the western side of the site, groundwater appears to flow towards the southeast. Perched groundwater was also encountered in some locations in veins of fill materials.

Env Problem: Nature and Extent of Contamination: The primary contaminants of concern at the site are petroleum, several semi-volatile organic compounds (SVOCs) and several metals, primarily nickel and arsenic. Soil: Petroleum-impacted soils were encountered in several locations which were identified by the presence of petroleum, odors, staining or some combination. Two areas were more heavily impacted by petroleum; one being in the north-central portion of the site, and the other in the south portion of the site. Several polycyclic aromatic hydrocarbons (PAHs), a subset of SVOCs, were detected in sub-surface soils in various locations across the site at concentrations exceeding unrestricted use soil cleanup objectives (SCOs). In several locations, the concentrations of one or more PAH also exceeded the SCO for the protection of public health for commercial use. Benzo(a)pyrene (a PAH) was detected at a maximum concentration of 4.0 parts per million (ppm), compared to its unrestricted use SCO of 1 ppm, which is also its commercial use SCO.

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

In general, the highest concentrations of PAHs in soil samples corresponded to locations where there were obvious petroleum impacts to soil. Several metals (arsenic, barium, chromium, copper, nickel, lead, mercury, selenium and zinc) were detected across the site in surface soils at concentrations greater than their unrestricted use SCOs. Nickel was also detected at concentrations greater than its commercial use SCO in six samples, covering approximately 1.5 acres of the northeast portion of the site. Nickel was detected in surface soil at a maximum concentration of 4,840 ppm, compared to its commercial use SCO of 310 ppm. Arsenic and barium were detected in surface soil in isolated locations at concentrations slightly greater than their commercial use SCO. Arsenic exceeded its commercial use SCO at two locations (one of which also contained nickel above its commercial SCO) at a maximum concentration of 23 ppm, compared to its commercial use SCO of 16 ppm. Barium was detected in one location at a concentration of 405 ppm, compared to its commercial use SCO of 400 ppm. In all other samples arsenic and barium did not exceed their unrestricted SCOs (13 ppm and 350 ppm, respectively). Metals were also detected in sub-surface soils across the site at elevated levels. In nearly every sample one or more metal exceeded unrestricted SCOs. Many sub-surface soil samples from across the site also contained metals above commercial use SCOs as well. The most widespread metals exceeding commercial use SCOs are nickel and arsenic. Nickel was detected in sub-surface soil at a maximum concentration of 7,120 ppm. Arsenic was detected in sub-surface soil at a maximum concentration of 118 ppm. Barium and lead were also detected in a few samples in the north-central portion of the site in excess of their commercial use SCOs. The maximum concentrations of barium and lead detected in sub-surface soil were 2,300 ppm and 24,700 ppm, respectively, as compared to their commercial use SCOs of 400 ppm and 1,000 ppm, respectively. Groundwater: A groundwater monitoring well in the southern portion of the property has been shown to collect recoverable quantities of floating petroleum product (light non-aqueous phase liquid [LNAPL]) within a few days. While LNAPL is present in this well, dissolved phase groundwater contamination was not identified. Several metals (arsenic, chromium, lead and nickel) were detected in groundwater at concentrations exceeding groundwater SCGs on two occasions in one well, in the southern portion of the site.

Health Problem: People are not drinking contaminated groundwater because the area is served by a public water supply that is not affected by site-related contamination. Access to the property is unrestricted and people may come into contact with contaminants in the soil by walking on the site, digging, or otherwise disturbing the soil. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the sub-surface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants due to soil vapor intrusion does not represent a concern for the site in its current condition. However, the potential exists for the inhalation of on- and off-site contaminants due to soil vapor intrusion for any future on-site redevelopment and occupancy.

Dump: False
Structure: False
Lagoon: False

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: / 76:70:28.
Dell: False
Record Add: 10/30/2003 2:28:00 PM
Record Upd: 9/4/2013 2:54:00 PM
Updated By: JPCOOK
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Onondaga County Public Library
Owner Address: The Galleries of Syracuse
Owner Addr2: 447 South Salina Street
Owner City,St,Zip: Syracuse, NY 13202
Owner Country: United States of America
Own Op: 6
Sub Type: C01
Owner Name: William Ryan
Owner Company: Syracuse Industrial Development Agency
Owner Address: 203 City Hall
Owner Addr2: Not reported
Owner City,St,Zip: Syracuse, NY 13202
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Joshua Cook
Owner Company: NYSDEC
Owner Address: 615 Erie Blvd West
Owner Addr2: Not reported
Owner City,St,Zip: Syracuse, NY 13204
Owner Country: United States of America
HW Code: Not reported
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BARIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: Petroleum Products
Waste Quantity: UNKNOWN
Waste Code: Not reported

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

HW Code: Not reported
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: SELENIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: NICKEL
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: ZINC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C301849
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 9/4/2013 3:29:00 PM
Record Updated: 9/4/2013 3:29:00 PM
Updated By: JPCOOK
Crossref ID: Not reported
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 9/4/2013 3:30:00 PM
Record Updated: 9/4/2013 3:30:00 PM
Updated By: JPCOOK

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

Name: FORMER SYRACUSE RIGGING PROPERTY
Address: 341 PEAT STREET
City,State,Zip: SYRACUSE (C), NY
Site Code: 58510
Control Name: Landuse Restriction
HW Code: Not reported
Control Code: 25
Control Type: INST
Dt record added: 06/11/2012
Dt rec updated: 04/03/2014
Updated By: JPCOOK
Site Code: 58510
Site Description: Location: The Former Syracuse Rigging Property is an approximately 6.6 acre site located in the City of Syracuse at 341 Peat Street, approximately 800 feet north of the intersection of Peat Street and Erie Boulevard East. It is bordered to the north by Interstate Route 690, to the east by commercial properties and Peat Street, to the south by CSX property and commercial and industrial properties, and to the west by the former D.W. Winkelman Company property. Site Features: The property is generally flat and is partially covered with overgrown brush and vegetation, crushed stone, and portions of concrete slabs associated with the former building foundations. There are several piles of vegetative debris at the site, associated with current operations at the site. There are berms of soil located on-site that were generated by a soil excavation performed in 2001. Current Zoning/Use(s): The site is currently zoned for commercial use. The City of Syracuse Department of Public Works is temporarily utilizing the site for mulching operations and storage of vegetative debris. The surrounding properties are used for commercial and industrial purposes. Historic Uses(s): The site formerly supported several commercial and industrial operations since at least the 1890s, including a structural steel works (Archbold Brady Company), a forge shop and machine shop (Globe Forge and Manufacturing Company), an equipment repair facility (Finger Lakes Equipment Corporation), a paint and varnish supplier (Syracuse Paint and Varnish Company), several contractors and several trucking companies. Prior uses that appear to have led to site contamination include the various industrial operations and the release of petroleum products to the ground from point sources (i.e., bulk storage tanks and associated piping). Several environmental investigations were conducted prior to the site entering the Environmental Restoration Program. Several areas of concern were identified by these investigations. In 2001, petroleum impacted soils were excavated from the northeast portion of the site and stockpiled on-site in berms, which remain on-site. Site Geology and Hydrogeology: Native unconsolidated soils in the vicinity of the site generally consist of glaciolacustrine deposits, which consist primarily of fine sand and silt, but also include gravel, coarse sands and clay, underlain by glacial till. Three basic geologic units were identified at the site during the investigation. The uppermost unit consists of fill, followed by a layer of peat and marl, which is underlain by clay. The fill unit ranged from approximately 3 to 5 feet thick and consisted of sand and/or silt mixed with concrete, brick, ash, cinders, wood, stone and other debris. The fill layer was underlain by a layer which consisted primarily of brown peat and extended to approximately 11-14 feet below grade. This layer also contained black and gray peat, and marl which varied in color, but was primarily white with some brown and

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

black. Gray clay was encountered below the peat and marl layer and extended to at least 19 feet below grade. The clay layer ranged from at least 3 feet thick to at least 7 feet thick. In one location the clay layer was penetrated and was found to be underlain by gray sand and gravel from 19 to 21 feet below grade. Groundwater was encountered at depths ranging from 4 feet to 14 feet below grade and appears to flow generally to the south. Along the western side of the site, groundwater appears to flow towards the southeast. Perched groundwater was also encountered in some locations in veins of fill materials.

Env Problem: Nature and Extent of Contamination: The primary contaminants of concern at the site are petroleum, several semi-volatile organic compounds (SVOCs) and several metals, primarily nickel and arsenic. Soil: Petroleum-impacted soils were encountered in several locations which were identified by the presence of petroleum, odors, staining or some combination. Two areas were more heavily impacted by petroleum; one being in the north-central portion of the site, and the other in the south portion of the site. Several polycyclic aromatic hydrocarbons (PAHs), a subset of SVOCs, were detected in sub-surface soils in various locations across the site at concentrations exceeding unrestricted use soil cleanup objectives (SCOs). In several locations, the concentrations of one or more PAH also exceeded the SCO for the protection of public health for commercial use. Benzo(a)pyrene (a PAH) was detected at a maximum concentration of 4.0 parts per million (ppm), compared to its unrestricted use SCO of 1 ppm, which is also its commercial use SCO. In general, the highest concentrations of PAHs in soil samples corresponded to locations where there were obvious petroleum impacts to soil. Several metals (arsenic, barium, chromium, copper, nickel, lead, mercury, selenium and zinc) were detected across the site in surface soils at concentrations greater than their unrestricted use SCOs. Nickel was also detected at concentrations greater than its commercial use SCO in six samples, covering approximately 1.5 acres of the northeast portion of the site. Nickel was detected in surface soil at a maximum concentration of 4,840 ppm, compared to its commercial use SCO of 310 ppm. Arsenic and barium were detected in surface soil in isolated locations at concentrations slightly greater than their commercial use SCO. Arsenic exceeded its commercial use SCO at two locations (one of which also contained nickel above its commercial SCO) at a maximum concentration of 23 ppm, compared to its commercial use SCO of 16 ppm. Barium was detected in one location at a concentration of 405 ppm, compared to its commercial use SCO of 400 ppm. In all other samples arsenic and barium did not exceed their unrestricted SCOs (13 ppm and 350 ppm, respectively). Metals were also detected in sub-surface soils across the site at elevated levels. In nearly every sample one or more metal exceeded unrestricted SCOs. Many sub-surface soil samples from across the site also contained metals above commercial use SCOs as well. The most widespread metals exceeding commercial use SCOs are nickel and arsenic. Nickel was detected in sub-surface soil at a maximum concentration of 7,120 ppm. Arsenic was detected in sub-surface soil at a maximum concentration of 118 ppm. Barium and lead were also detected in a few samples in the north-central portion of the site in excess of their commercial use SCOs. The maximum concentrations of barium and lead detected in sub-surface soil were 2,300 ppm and 24,700 ppm, respectively, as compared to their commercial use SCOs of 400 ppm and 1,000 ppm, respectively. Groundwater: A groundwater

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

monitoring well in the southern portion of the property has been shown to collect recoverable quantities of floating petroleum product (light non-aqueous phase liquid [LNAPL]) within a few days. While LNAPL is present in this well, dissolved phase groundwater contamination was not identified. Several metals (arsenic, chromium, lead and nickel) were detected in groundwater at concentrations exceeding groundwater SCGs on two occasions in one well, in the southern portion of the site.

Health Problem: People are not drinking contaminated groundwater because the area is served by a public water supply that is not affected by site-related contamination. Access to the property is unrestricted and people may come into contact with contaminants in the soil by walking on the site, digging, or otherwise disturbing the soil. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the sub-surface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants due to soil vapor intrusion does not represent a concern for the site in its current condition. However, the potential exists for the inhalation of on- and off-site contaminants due to soil vapor intrusion for any future on-site redevelopment and occupancy.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: / 76:70:28.
Dell: False
Record Add: 10/30/2003 2:28:00 PM
Record Upd: 9/4/2013 2:54:00 PM
Updated By: JPCOOK
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Onondaga County Public Library
Owner Address: The Galleries of Syracuse
Owner Addr2: 447 South Salina Street
Owner City,St,Zip: Syracuse, NY 13202
Owner Country: United States of America
Own Op: 6
Sub Type: C01
Owner Name: William Ryan
Owner Company: Syracuse Industrial Development Agency
Owner Address: 203 City Hall
Owner Addr2: Not reported
Owner City,St,Zip: Syracuse, NY 13202
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Joshua Cook
Owner Company: NYSDEC
Owner Address: 615 Erie Blvd West
Owner Addr2: Not reported

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

Owner City,St,Zip: Syracuse, NY 13204
Owner Country: United States of America
HW Code: Not reported
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BARIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: Petroleum Products
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: SELENIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: Chrysene
Waste Quantity: UNKNOWN

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

Waste Code: Not reported
HW Code: Not reported
Waste Type: NICKEL
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: ZINC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C301849
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 9/4/2013 3:29:00 PM
Record Updated: 9/4/2013 3:29:00 PM
Updated By: JPCOOK
Crossref ID: Not reported
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 9/4/2013 3:30:00 PM
Record Updated: 9/4/2013 3:30:00 PM
Updated By: JPCOOK

Name: FORMER SYRACUSE RIGGING PROPERTY
Address: 341 PEAT STREET
City,State,Zip: SYRACUSE (C), NY
Site Code: 58510
Control Name: Monitoring Plan
HW Code: Not reported
Control Code: 31
Control Type: INST
Dt record added: 06/11/2012
Dt rec updated: 04/03/2014
Updated By: JPCOOK
Site Code: 58510
Site Description: Location: The Former Syracuse Rigging Property is an approximately 6.6 acre site located in the City of Syracuse at 341 Peat Street, approximately 800 feet north of the intersection of Peat Street and Erie Boulevard East. It is bordered to the north by Interstate Route 690, to the east by commercial properties and Peat Street, to the south by CSX property and commercial and industrial properties, and to the west by the former D.W. Winkelman Company property. Site Features: The property is generally flat and is partially covered with overgrown brush and vegetation, crushed stone, and portions of concrete slabs associated with the former building foundations. There are several piles of vegetative debris at the site, associated with current operations at the site. There are berms of soil located on-site that were generated by a soil excavation performed in 2001. Current Zoning/Use(s): The site is currently zoned for commercial use. The City of Syracuse Department of Public Works is temporarily utilizing the site for mulching operations and storage of vegetative debris. The surrounding properties are used for commercial and industrial purposes. Historic Uses(s): The site formerly supported several commercial and industrial operations since at least the

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

1890s, including a structural steel works (Archbold Brady Company), a forge shop and machine shop (Globe Forge and Manufacturing Company), an equipment repair facility (Finger Lakes Equipment Corporation), a paint and varnish supplier (Syracuse Paint and Varnish Company), several contractors and several trucking companies. Prior uses that appear to have led to site contamination include the various industrial operations and the release of petroleum products to the ground from point sources (i.e., bulk storage tanks and associated piping). Several environmental investigations were conducted prior to the site entering the Environmental Restoration Program. Several areas of concern were identified by these investigations. In 2001, petroleum impacted soils were excavated from the northeast portion of the site and stockpiled on-site in berms, which remain on-site. Site Geology and Hydrogeology: Native unconsolidated soils in the vicinity of the site generally consist of glaciolacustrine deposits, which consist primarily of fine sand and silt, but also include gravel, coarse sands and clay, underlain by glacial till. Three basic geologic units were identified at the site during the investigation. The uppermost unit consists of fill, followed by a layer of peat and marl, which is underlain by clay. The fill unit ranged from approximately 3 to 5 feet thick and consisted of sand and/or silt mixed with concrete, brick, ash, cinders, wood, stone and other debris. The fill layer was underlain by a layer which consisted primarily of brown peat and extended to approximately 11-14 feet below grade. This layer also contained black and gray peat, and marl which varied in color, but was primarily white with some brown and black. Gray clay was encountered below the peat and marl layer and extended to at least 19 feet below grade. The clay layer ranged from at least 3 feet thick to at least 7 feet thick. In one location the clay layer was penetrated and was found to be underlain by gray sand and gravel from 19 to 21 feet below grade. Groundwater was encountered at depths ranging from 4 feet to 14 feet below grade and appears to flow generally to the south. Along the western side of the site, groundwater appears to flow towards the southeast. Perched groundwater was also encountered in some locations in veins of fill materials.

Env Problem: Nature and Extent of Contamination: The primary contaminants of concern at the site are petroleum, several semi-volatile organic compounds (SVOCs) and several metals, primarily nickel and arsenic. Soil: Petroleum-impacted soils were encountered in several locations which were identified by the presence of petroleum, odors, staining or some combination. Two areas were more heavily impacted by petroleum; one being in the north-central portion of the site, and the other in the south portion of the site. Several polycyclic aromatic hydrocarbons (PAHs), a subset of SVOCs, were detected in sub-surface soils in various locations across the site at concentrations exceeding unrestricted use soil cleanup objectives (SCOs). In several locations, the concentrations of one or more PAH also exceeded the SCO for the protection of public health for commercial use. Benzo(a)pyrene (a PAH) was detected at a maximum concentration of 4.0 parts per million (ppm), compared to its unrestricted use SCO of 1 ppm, which is also its commercial use SCO. In general, the highest concentrations of PAHs in soil samples corresponded to locations where there were obvious petroleum impacts to soil. Several metals (arsenic, barium, chromium, copper, nickel, lead, mercury, selenium and zinc) were detected across the site in surface soils at concentrations greater than their unrestricted use

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

SCOs. Nickel was also detected at concentrations greater than its commercial use SCO in six samples, covering approximately 1.5 acres of the northeast portion of the site. Nickel was detected in surface soil at a maximum concentration of 4,840 ppm, compared to its commercial use SCO of 310 ppm. Arsenic and barium were detected in surface soil in isolated locations at concentrations slightly greater than their commercial use SCO. Arsenic exceeded its commercial use SCO at two locations (one of which also contained nickel above its commercial SCO) at a maximum concentration of 23 ppm, compared to its commercial use SCO of 16 ppm. Barium was detected in one location at a concentration of 405 ppm, compared to its commercial use SCO of 400 ppm. In all other samples arsenic and barium did not exceed their unrestricted SCOs (13 ppm and 350 ppm, respectively). Metals were also detected in sub-surface soils across the site at elevated levels. In nearly every sample one or more metal exceeded unrestricted SCOs. Many sub-surface soil samples from across the site also contained metals above commercial use SCOs as well. The most widespread metals exceeding commercial use SCOs are nickel and arsenic. Nickel was detected in sub-surface soil at a maximum concentration of 7,120 ppm. Arsenic was detected in sub-surface soil at a maximum concentration of 118 ppm. Barium and lead were also detected in a few samples in the north-central portion of the site in excess of their commercial use SCOs. The maximum concentrations of barium and lead detected in sub-surface soil were 2,300 ppm and 24,700 ppm, respectively, as compared to their commercial use SCOs of 400 ppm and 1,000 ppm, respectively. Groundwater: A groundwater monitoring well in the southern portion of the property has been shown to collect recoverable quantities of floating petroleum product (light non-aqueous phase liquid [LNAPL]) within a few days. While LNAPL is present in this well, dissolved phase groundwater contamination was not identified. Several metals (arsenic, chromium, lead and nickel) were detected in groundwater at concentrations exceeding groundwater SCGs on two occasions in one well, in the southern portion of the site.

Health Problem: People are not drinking contaminated groundwater because the area is served by a public water supply that is not affected by site-related contamination. Access to the property is unrestricted and people may come into contact with contaminants in the soil by walking on the site, digging, or otherwise disturbing the soil. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the sub-surface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants due to soil vapor intrusion does not represent a concern for the site in its current condition. However, the potential exists for the inhalation of on- and off-site contaminants due to soil vapor intrusion for any future on-site redevelopment and occupancy.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: / 76:70:28.

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

Dell: False
Record Add: 10/30/2003 2:28:00 PM
Record Upd: 9/4/2013 2:54:00 PM
Updated By: JPCOOK
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Onondaga County Public Library
Owner Address: The Galleries of Syracuse
Owner Addr2: 447 South Salina Street
Owner City,St,Zip: Syracuse, NY 13202
Owner Country: United States of America
Own Op: 6
Sub Type: C01
Owner Name: William Ryan
Owner Company: Syracuse Industrial Development Agency
Owner Address: 203 City Hall
Owner Addr2: Not reported
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Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
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Owner City,St,Zip: Syracuse, NY 13204
Owner Country: United States of America
HW Code: Not reported
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BARIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: Petroleum Products
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: SELENIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: NICKEL
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: ZINC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C301849
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 9/4/2013 3:29:00 PM
Record Updated: 9/4/2013 3:29:00 PM
Updated By: JPCOOK
Crossref ID: Not reported
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 9/4/2013 3:30:00 PM
Record Updated: 9/4/2013 3:30:00 PM
Updated By: JPCOOK

Name: FORMER SYRACUSE RIGGING PROPERTY
Address: 341 PEAT STREET
City,State,Zip: SYRACUSE (C), NY
Site Code: 58510
Control Name: IC/EC Plan

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

HW Code: Not reported
Control Code: 34
Control Type: INST
Dt record added: 06/11/2012
Dt rec updated: 04/03/2014
Updated By: JPCOOK
Site Code: 58510
Site Description: Location: The Former Syracuse Rigging Property is an approximately 6.6 acre site located in the City of Syracuse at 341 Peat Street, approximately 800 feet north of the intersection of Peat Street and Erie Boulevard East. It is bordered to the north by Interstate Route 690, to the east by commercial properties and Peat Street, to the south by CSX property and commercial and industrial properties, and to the west by the former D.W. Winkelman Company property. Site Features: The property is generally flat and is partially covered with overgrown brush and vegetation, crushed stone, and portions of concrete slabs associated with the former building foundations. There are several piles of vegetative debris at the site, associated with current operations at the site. There are berms of soil located on-site that were generated by a soil excavation performed in 2001. Current Zoning/Use(s): The site is currently zoned for commercial use. The City of Syracuse Department of Public Works is temporarily utilizing the site for mulching operations and storage of vegetative debris. The surrounding properties are used for commercial and industrial purposes. Historic Uses(s): The site formerly supported several commercial and industrial operations since at least the 1890s, including a structural steel works (Archbold Brady Company), a forge shop and machine shop (Globe Forge and Manufacturing Company), an equipment repair facility (Finger Lakes Equipment Corporation), a paint and varnish supplier (Syracuse Paint and Varnish Company), several contractors and several trucking companies. Prior uses that appear to have led to site contamination include the various industrial operations and the release of petroleum products to the ground from point sources (i.e., bulk storage tanks and associated piping). Several environmental investigations were conducted prior to the site entering the Environmental Restoration Program. Several areas of concern were identified by these investigations. In 2001, petroleum impacted soils were excavated from the northeast portion of the site and stockpiled on-site in berms, which remain on-site. Site Geology and Hydrogeology: Native unconsolidated soils in the vicinity of the site generally consist of glaciolacustrine deposits, which consist primarily of fine sand and silt, but also include gravel, coarse sands and clay, underlain by glacial till. Three basic geologic units were identified at the site during the investigation. The uppermost unit consists of fill, followed by a layer of peat and marl, which is underlain by clay. The fill unit ranged from approximately 3 to 5 feet thick and consisted of sand and/or silt mixed with concrete, brick, ash, cinders, wood, stone and other debris. The fill layer was underlain by a layer which consisted primarily of brown peat and extended to approximately 11-14 feet below grade. This layer also contained black and gray peat, and marl which varied in color, but was primarily white with some brown and black. Gray clay was encountered below the peat and marl layer and extended to at least 19 feet below grade. The clay layer ranged from at least 3 feet thick to at least 7 feet thick. In one location the clay layer was penetrated and was found to be underlain by gray sand and gravel from 19 to 21 feet below grade. Groundwater was

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

encountered at depths ranging from 4 feet to 14 feet below grade and appears to flow generally to the south. Along the western side of the site, groundwater appears to flow towards the southeast. Perched groundwater was also encountered in some locations in veins of fill materials.

Env Problem: Nature and Extent of Contamination: The primary contaminants of concern at the site are petroleum, several semi-volatile organic compounds (SVOCs) and several metals, primarily nickel and arsenic. Soil: Petroleum-impacted soils were encountered in several locations which were identified by the presence of petroleum, odors, staining or some combination. Two areas were more heavily impacted by petroleum; one being in the north-central portion of the site, and the other in the south portion of the site. Several polycyclic aromatic hydrocarbons (PAHs), a subset of SVOCs, were detected in sub-surface soils in various locations across the site at concentrations exceeding unrestricted use soil cleanup objectives (SCOs). In several locations, the concentrations of one or more PAH also exceeded the SCO for the protection of public health for commercial use. Benzo(a)pyrene (a PAH) was detected at a maximum concentration of 4.0 parts per million (ppm), compared to its unrestricted use SCO of 1 ppm, which is also its commercial use SCO. In general, the highest concentrations of PAHs in soil samples corresponded to locations where there were obvious petroleum impacts to soil. Several metals (arsenic, barium, chromium, copper, nickel, lead, mercury, selenium and zinc) were detected across the site in surface soils at concentrations greater than their unrestricted use SCOs. Nickel was also detected at concentrations greater than its commercial use SCO in six samples, covering approximately 1.5 acres of the northeast portion of the site. Nickel was detected in surface soil at a maximum concentration of 4,840 ppm, compared to its commercial use SCO of 310 ppm. Arsenic and barium were detected in surface soil in isolated locations at concentrations slightly greater than their commercial use SCO. Arsenic exceeded its commercial use SCO at two locations (one of which also contained nickel above its commercial SCO) at a maximum concentration of 23 ppm, compared to its commercial use SCO of 16 ppm. Barium was detected in one location at a concentration of 405 ppm, compared to its commercial use SCO of 400 ppm. In all other samples arsenic and barium did not exceed their unrestricted SCOs (13 ppm and 350 ppm, respectively). Metals were also detected in sub-surface soils across the site at elevated levels. In nearly every sample one or more metal exceeded unrestricted SCOs. Many sub-surface soil samples from across the site also contained metals above commercial use SCOs as well. The most widespread metals exceeding commercial use SCOs are nickel and arsenic. Nickel was detected in sub-surface soil at a maximum concentration of 7,120 ppm. Arsenic was detected in sub-surface soil at a maximum concentration of 118 ppm. Barium and lead were also detected in a few samples in the north-central portion of the site in excess of their commercial use SCOs. The maximum concentrations of barium and lead detected in sub-surface soil were 2,300 ppm and 24,700 ppm, respectively, as compared to their commercial use SCOs of 400 ppm and 1,000 ppm, respectively. Groundwater: A groundwater monitoring well in the southern portion of the property has been shown to collect recoverable quantities of floating petroleum product (light non-aqueous phase liquid [LNAPL]) within a few days. While LNAPL is present in this well, dissolved phase groundwater contamination was not identified. Several metals (arsenic, chromium,

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

lead and nickel) were detected in groundwater at concentrations exceeding groundwater SCGs on two occasions in one well, in the southern portion of the site.

Health Problem: People are not drinking contaminated groundwater because the area is served by a public water supply that is not affected by site-related contamination. Access to the property is unrestricted and people may come into contact with contaminants in the soil by walking on the site, digging, or otherwise disturbing the soil. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the sub-surface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants due to soil vapor intrusion does not represent a concern for the site in its current condition. However, the potential exists for the inhalation of on- and off-site contaminants due to soil vapor intrusion for any future on-site redevelopment and occupancy.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
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Lat/Long: / 76:70:28.
Dell: False
Record Add: 10/30/2003 2:28:00 PM
Record Upd: 9/4/2013 2:54:00 PM
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Owner Address: 615 Erie Blvd West
Owner Addr2: Not reported
Owner City,St,Zip: Syracuse, NY 13204
Owner Country: United States of America
HW Code: Not reported
Waste Type: MERCURY
Waste Quantity: UNKNOWN

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

Waste Code: Not reported
HW Code: Not reported
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BARIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: Petroleum Products
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: SELENIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: NICKEL
Waste Quantity: UNKNOWN
Waste Code: Not reported

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

HW Code: Not reported
Waste Type: ZINC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
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Record Added Date: 9/4/2013 3:29:00 PM
Record Updated: 9/4/2013 3:29:00 PM
Updated By: JPCOOK
Crossref ID: Not reported
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 9/4/2013 3:30:00 PM
Record Updated: 9/4/2013 3:30:00 PM
Updated By: JPCOOK

Name: FORMER SYRACUSE RIGGING PROPERTY
Address: 341 PEAT STREET
City,State,Zip: SYRACUSE (C), NY
Site Code: 58510
Control Name: Environmental Notice
HW Code: Not reported
Control Code: Not reported
Control Type: INST
Dt record added: 06/11/2012
Dt rec updated: 04/03/2014
Updated By: JPCOOK
Site Code: 58510
Site Description: Location: The Former Syracuse Rigging Property is an approximately 6.6 acre site located in the City of Syracuse at 341 Peat Street, approximately 800 feet north of the intersection of Peat Street and Erie Boulevard East. It is bordered to the north by Interstate Route 690, to the east by commercial properties and Peat Street, to the south by CSX property and commercial and industrial properties, and to the west by the former D.W. Winkelman Company property. Site Features: The property is generally flat and is partially covered with overgrown brush and vegetation, crushed stone, and portions of concrete slabs associated with the former building foundations. There are several piles of vegetative debris at the site, associated with current operations at the site. There are berms of soil located on-site that were generated by a soil excavation performed in 2001. Current Zoning/Use(s): The site is currently zoned for commercial use. The City of Syracuse Department of Public Works is temporarily utilizing the site for mulching operations and storage of vegetative debris. The surrounding properties are used for commercial and industrial purposes. Historic Uses(s): The site formerly supported several commercial and industrial operations since at least the 1890s, including a structural steel works (Archbold Brady Company), a forge shop and machine shop (Globe Forge and Manufacturing Company), an equipment repair facility (Finger Lakes Equipment Corporation), a paint and varnish supplier (Syracuse Paint and Varnish Company), several contractors and several trucking companies. Prior uses that

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

appear to have led to site contamination include the various industrial operations and the release of petroleum products to the ground from point sources (i.e., bulk storage tanks and associated piping). Several environmental investigations were conducted prior to the site entering the Environmental Restoration Program. Several areas of concern were identified by these investigations. In 2001, petroleum impacted soils were excavated from the northeast portion of the site and stockpiled on-site in berms, which remain on-site. Site Geology and Hydrogeology: Native unconsolidated soils in the vicinity of the site generally consist of glaciolacustrine deposits, which consist primarily of fine sand and silt, but also include gravel, coarse sands and clay, underlain by glacial till. Three basic geologic units were identified at the site during the investigation. The uppermost unit consists of fill, followed by a layer of peat and marl, which is underlain by clay. The fill unit ranged from approximately 3 to 5 feet thick and consisted of sand and/or silt mixed with concrete, brick, ash, cinders, wood, stone and other debris. The fill layer was underlain by a layer which consisted primarily of brown peat and extended to approximately 11-14 feet below grade. This layer also contained black and gray peat, and marl which varied in color, but was primarily white with some brown and black. Gray clay was encountered below the peat and marl layer and extended to at least 19 feet below grade. The clay layer ranged from at least 3 feet thick to at least 7 feet thick. In one location the clay layer was penetrated and was found to be underlain by gray sand and gravel from 19 to 21 feet below grade. Groundwater was encountered at depths ranging from 4 feet to 14 feet below grade and appears to flow generally to the south. Along the western side of the site, groundwater appears to flow towards the southeast. Perched groundwater was also encountered in some locations in veins of fill materials.

Env Problem: Nature and Extent of Contamination: The primary contaminants of concern at the site are petroleum, several semi-volatile organic compounds (SVOCs) and several metals, primarily nickel and arsenic. Soil: Petroleum-impacted soils were encountered in several locations which were identified by the presence of petroleum, odors, staining or some combination. Two areas were more heavily impacted by petroleum; one being in the north-central portion of the site, and the other in the south portion of the site. Several polycyclic aromatic hydrocarbons (PAHs), a subset of SVOCs, were detected in sub-surface soils in various locations across the site at concentrations exceeding unrestricted use soil cleanup objectives (SCOs). In several locations, the concentrations of one or more PAH also exceeded the SCO for the protection of public health for commercial use. Benzo(a)pyrene (a PAH) was detected at a maximum concentration of 4.0 parts per million (ppm), compared to its unrestricted use SCO of 1 ppm, which is also its commercial use SCO. In general, the highest concentrations of PAHs in soil samples corresponded to locations where there were obvious petroleum impacts to soil. Several metals (arsenic, barium, chromium, copper, nickel, lead, mercury, selenium and zinc) were detected across the site in surface soils at concentrations greater than their unrestricted use SCOs. Nickel was also detected at concentrations greater than its commercial use SCO in six samples, covering approximately 1.5 acres of the northeast portion of the site. Nickel was detected in surface soil at a maximum concentration of 4,840 ppm, compared to its commercial use SCO of 310 ppm. Arsenic and barium were detected in

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

surface soil in isolated locations at concentrations slightly greater than their commercial use SCO. Arsenic exceeded its commercial use SCO at two locations (one of which also contained nickel above its commercial SCO) at a maximum concentration of 23 ppm, compared to its commercial use SCO of 16 ppm. Barium was detected in one location at a concentration of 405 ppm, compared to its commercial use SCO of 400 ppm. In all other samples arsenic and barium did not exceed their unrestricted SCOs (13 ppm and 350 ppm, respectively). Metals were also detected in sub-surface soils across the site at elevated levels. In nearly every sample one or more metal exceeded unrestricted SCOs. Many sub-surface soil samples from across the site also contained metals above commercial use SCOs as well. The most widespread metals exceeding commercial use SCOs are nickel and arsenic. Nickel was detected in sub-surface soil at a maximum concentration of 7,120 ppm. Arsenic was detected in sub-surface soil at a maximum concentration of 118 ppm. Barium and lead were also detected in a few samples in the north-central portion of the site in excess of their commercial use SCOs. The maximum concentrations of barium and lead detected in sub-surface soil were 2,300 ppm and 24,700 ppm, respectively, as compared to their commercial use SCOs of 400 ppm and 1,000 ppm, respectively. Groundwater: A groundwater monitoring well in the southern portion of the property has been shown to collect recoverable quantities of floating petroleum product (light non-aqueous phase liquid [LNAPL]) within a few days. While LNAPL is present in this well, dissolved phase groundwater contamination was not identified. Several metals (arsenic, chromium, lead and nickel) were detected in groundwater at concentrations exceeding groundwater SCGs on two occasions in one well, in the southern portion of the site.

Health Problem: People are not drinking contaminated groundwater because the area is served by a public water supply that is not affected by site-related contamination. Access to the property is unrestricted and people may come into contact with contaminants in the soil by walking on the site, digging, or otherwise disturbing the soil. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the sub-surface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants due to soil vapor intrusion does not represent a concern for the site in its current condition. However, the potential exists for the inhalation of on- and off-site contaminants due to soil vapor intrusion for any future on-site redevelopment and occupancy.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: / 76:70:28.
Dell: False
Record Add: 10/30/2003 2:28:00 PM
Record Upd: 9/4/2013 2:54:00 PM
Updated By: JPCOOK
Own Op: Document Repository

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

Sub Type: NNN
Owner Name: Not reported
Owner Company: Onondaga County Public Library
Owner Address: The Galleries of Syracuse
Owner Addr2: 447 South Salina Street
Owner City,St,Zip: Syracuse, NY 13202
Owner Country: United States of America
Own Op: 6
Sub Type: C01
Owner Name: William Ryan
Owner Company: Syracuse Industrial Development Agency
Owner Address: 203 City Hall
Owner Addr2: Not reported
Owner City,St,Zip: Syracuse, NY 13202
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Joshua Cook
Owner Company: NYSDEC
Owner Address: 615 Erie Blvd West
Owner Addr2: Not reported
Owner City,St,Zip: Syracuse, NY 13204
Owner Country: United States of America
HW Code: Not reported
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BARIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: Petroleum Products
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(B)FLUORANTHENE

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: SELENIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: NICKEL
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: ZINC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: BENZO(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C301849
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 9/4/2013 3:29:00 PM
Record Updated: 9/4/2013 3:29:00 PM
Updated By: JPCOOK
Crossref ID: Not reported
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 9/4/2013 3:30:00 PM
Record Updated: 9/4/2013 3:30:00 PM
Updated By: JPCOOK

Name: FORMER SYRACUSE RIGGING PROPERTY
Address: 341 PEAT STREET
City,State,Zip: SYRACUSE (C), NY
Site Code: 58510
Control Name: Ground Water Use Restriction
HW Code: Not reported
Control Code: 8
Control Type: INST
Dt record added: 06/11/2012
Dt rec updated: 04/03/2014

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

Updated By: JPCOOK
Site Code: 58510
Site Description: Location: The Former Syracuse Rigging Property is an approximately 6.6 acre site located in the City of Syracuse at 341 Peat Street, approximately 800 feet north of the intersection of Peat Street and Erie Boulevard East. It is bordered to the north by Interstate Route 690, to the east by commercial properties and Peat Street, to the south by CSX property and commercial and industrial properties, and to the west by the former D.W. Winkelman Company property. Site Features: The property is generally flat and is partially covered with overgrown brush and vegetation, crushed stone, and portions of concrete slabs associated with the former building foundations. There are several piles of vegetative debris at the site, associated with current operations at the site. There are berms of soil located on-site that were generated by a soil excavation performed in 2001. Current Zoning/Use(s): The site is currently zoned for commercial use. The City of Syracuse Department of Public Works is temporarily utilizing the site for mulching operations and storage of vegetative debris. The surrounding properties are used for commercial and industrial purposes. Historic Uses(s): The site formerly supported several commercial and industrial operations since at least the 1890s, including a structural steel works (Archbold Brady Company), a forge shop and machine shop (Globe Forge and Manufacturing Company), an equipment repair facility (Finger Lakes Equipment Corporation), a paint and varnish supplier (Syracuse Paint and Varnish Company), several contractors and several trucking companies. Prior uses that appear to have led to site contamination include the various industrial operations and the release of petroleum products to the ground from point sources (i.e., bulk storage tanks and associated piping). Several environmental investigations were conducted prior to the site entering the Environmental Restoration Program. Several areas of concern were identified by these investigations. In 2001, petroleum impacted soils were excavated from the northeast portion of the site and stockpiled on-site in berms, which remain on-site. Site Geology and Hydrogeology: Native unconsolidated soils in the vicinity of the site generally consist of glaciolacustrine deposits, which consist primarily of fine sand and silt, but also include gravel, coarse sands and clay, underlain by glacial till. Three basic geologic units were identified at the site during the investigation. The uppermost unit consists of fill, followed by a layer of peat and marl, which is underlain by clay. The fill unit ranged from approximately 3 to 5 feet thick and consisted of sand and/or silt mixed with concrete, brick, ash, cinders, wood, stone and other debris. The fill layer was underlain by a layer which consisted primarily of brown peat and extended to approximately 11-14 feet below grade. This layer also contained black and gray peat, and marl which varied in color, but was primarily white with some brown and black. Gray clay was encountered below the peat and marl layer and extended to at least 19 feet below grade. The clay layer ranged from at least 3 feet thick to at least 7 feet thick. In one location the clay layer was penetrated and was found to be underlain by gray sand and gravel from 19 to 21 feet below grade. Groundwater was encountered at depths ranging from 4 feet to 14 feet below grade and appears to flow generally to the south. Along the western side of the site, groundwater appears to flow towards the southeast. Perched groundwater was also encountered in some locations in veins of fill materials.

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

Env Problem: Nature and Extent of Contamination: The primary contaminants of concern at the site are petroleum, several semi-volatile organic compounds (SVOCs) and several metals, primarily nickel and arsenic. Soil: Petroleum-impacted soils were encountered in several locations which were identified by the presence of petroleum, odors, staining or some combination. Two areas were more heavily impacted by petroleum; one being in the north-central portion of the site, and the other in the south portion of the site. Several polycyclic aromatic hydrocarbons (PAHs), a subset of SVOCs, were detected in sub-surface soils in various locations across the site at concentrations exceeding unrestricted use soil cleanup objectives (SCOs). In several locations, the concentrations of one or more PAH also exceeded the SCO for the protection of public health for commercial use. Benzo(a)pyrene (a PAH) was detected at a maximum concentration of 4.0 parts per million (ppm), compared to its unrestricted use SCO of 1 ppm, which is also its commercial use SCO. In general, the highest concentrations of PAHs in soil samples corresponded to locations where there were obvious petroleum impacts to soil. Several metals (arsenic, barium, chromium, copper, nickel, lead, mercury, selenium and zinc) were detected across the site in surface soils at concentrations greater than their unrestricted use SCOs. Nickel was also detected at concentrations greater than its commercial use SCO in six samples, covering approximately 1.5 acres of the northeast portion of the site. Nickel was detected in surface soil at a maximum concentration of 4,840 ppm, compared to its commercial use SCO of 310 ppm. Arsenic and barium were detected in surface soil in isolated locations at concentrations slightly greater than their commercial use SCO. Arsenic exceeded its commercial use SCO at two locations (one of which also contained nickel above its commercial SCO) at a maximum concentration of 23 ppm, compared to its commercial use SCO of 16 ppm. Barium was detected in one location at a concentration of 405 ppm, compared to its commercial use SCO of 400 ppm. In all other samples arsenic and barium did not exceed their unrestricted SCOs (13 ppm and 350 ppm, respectively). Metals were also detected in sub-surface soils across the site at elevated levels. In nearly every sample one or more metal exceeded unrestricted SCOs. Many sub-surface soil samples from across the site also contained metals above commercial use SCOs as well. The most widespread metals exceeding commercial use SCOs are nickel and arsenic. Nickel was detected in sub-surface soil at a maximum concentration of 7,120 ppm. Arsenic was detected in sub-surface soil at a maximum concentration of 118 ppm. Barium and lead were also detected in a few samples in the north-central portion of the site in excess of their commercial use SCOs. The maximum concentrations of barium and lead detected in sub-surface soil were 2,300 ppm and 24,700 ppm, respectively, as compared to their commercial use SCOs of 400 ppm and 1,000 ppm, respectively. Groundwater: A groundwater monitoring well in the southern portion of the property has been shown to collect recoverable quantities of floating petroleum product (light non-aqueous phase liquid [LNAPL]) within a few days. While LNAPL is present in this well, dissolved phase groundwater contamination was not identified. Several metals (arsenic, chromium, lead and nickel) were detected in groundwater at concentrations exceeding groundwater SCGs on two occasions in one well, in the southern portion of the site.

Health Problem: People are not drinking contaminated groundwater because the area is served by a public water supply that is not affected by site-related

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

contamination. Access to the property is unrestricted and people may come into contact with contaminants in the soil by walking on the site, digging, or otherwise disturbing the soil. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the sub-surface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants due to soil vapor intrusion does not represent a concern for the site in its current condition. However, the potential exists for the inhalation of on- and off-site contaminants due to soil vapor intrusion for any future on-site redevelopment and occupancy.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: / 76:70:28.
Dell: False
Record Add: 10/30/2003 2:28:00 PM
Record Upd: 9/4/2013 2:54:00 PM
Updated By: JPCOOK
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Onondaga County Public Library
Owner Address: The Galleries of Syracuse
Owner Addr2: 447 South Salina Street
Owner City,St,Zip: Syracuse, NY 13202
Owner Country: United States of America
Own Op: 6
Sub Type: C01
Owner Name: William Ryan
Owner Company: Syracuse Industrial Development Agency
Owner Address: 203 City Hall
Owner Addr2: Not reported
Owner City,St,Zip: Syracuse, NY 13202
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Joshua Cook
Owner Company: NYSDEC
Owner Address: 615 Erie Blvd West
Owner Addr2: Not reported
Owner City,St,Zip: Syracuse, NY 13204
Owner Country: United States of America
HW Code: Not reported
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: Not reported
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

HW Code:	Not reported
Waste Type:	COPPER
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	BARIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	Petroleum Products
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	indeno(1,2,3-cd)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	CHROMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	BENZ(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	SELENIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	Chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	NICKEL
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported
Waste Type:	ZINC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	Not reported

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

Waste Type: BENZO(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C301849
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 9/4/2013 3:29:00 PM
Record Updated: 9/4/2013 3:29:00 PM
Updated By: JPCOOK
Crossref ID: Not reported
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 9/4/2013 3:30:00 PM
Record Updated: 9/4/2013 3:30:00 PM
Updated By: JPCOOK

ERP:
Name: FORMER SYRACUSE RIGGING PROPERTY
Address: 341 PEAT STREET
City,State,Zip: SYRACUSE (C), NY
Site Code: 58510
Program: ERP
HW Code: B00146
Site Class: Not reported
Class N: Not reported
SWIS: 3415
Region: 7
Town: Syracuse (c)
Acres: 6.6
Record Added: 10/30/2003
Record Updated: 09/04/2019
Updated By: DKHARRIN
Site Description: Location: The Former Syracuse Rigging Property is an approximately 6.6 acre site located in the City of Syracuse at 341 Peat Street, approximately 800 feet north of the intersection of Peat Street and Erie Boulevard East. It is bordered to the north by Interstate Route 690, to the east by commercial properties and Peat Street, to the south by CSX property and commercial and industrial properties, and to the west by the former D.W. Winkelman Company property. Site Features: The property is generally flat and is partially covered with overgrown brush and vegetation, crushed stone, and portions of concrete slabs associated with the former building foundations. There are several piles of vegetative debris at the site, associated with current operations at the site. There are berms of soil located on-site that were generated by a soil excavation performed in 2001. Current Zoning/Use(s): The site is currently zoned for commercial use. The City of Syracuse Department of Public Works is temporarily utilizing the site for mulching operations and storage of vegetative debris. The surrounding properties are used for commercial and industrial purposes. Historic Uses(s): The site formerly supported several commercial and industrial operations since at least the 1890s, including a structural steel works (Archbold Brady Company), a forge shop and machine shop (Globe Forge and Manufacturing Company), an equipment repair facility (Finger Lakes Equipment Corporation), a paint and varnish supplier (Syracuse Paint and Varnish Company), several contractors and several trucking companies. Prior uses that appear to have led to site contamination include the various

FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

industrial operations and the release of petroleum products to the ground from point sources (i.e., bulk storage tanks and associated piping). Several environmental investigations were conducted prior to the site entering the Environmental Restoration Program. Several areas of concern were identified by these investigations. In 2001, petroleum impacted soils were excavated from the northeast portion of the site and stockpiled on-site in berms, which remain on-site. Site Geology and Hydrogeology: Native unconsolidated soils in the vicinity of the site generally consist of glaciolacustrine deposits, which consist primarily of fine sand and silt, but also include gravel, coarse sands and clay, underlain by glacial till. Three basic geologic units were identified at the site during the investigation. The uppermost unit consists of fill, followed by a layer of peat and marl, which is underlain by clay. The fill unit ranged from approximately 3 to 5 feet thick and consisted of sand and/or silt mixed with concrete, brick, ash, cinders, wood, stone and other debris. The fill layer was underlain by a layer which consisted primarily of brown peat and extended to approximately 11-14 feet below grade. This layer also contained black and gray peat, and marl which varied in color, but was primarily white with some brown and black. Gray clay was encountered below the peat and marl layer and extended to at least 19 feet below grade. The clay layer ranged from at least 3 feet thick to at least 7 feet thick. In one location the clay layer was penetrated and was found to be underlain by gray sand and gravel from 19 to 21 feet below grade. Groundwater was encountered at depths ranging from 4 feet to 14 feet below grade and appears to flow generally to the south. Along the western side of the site, groundwater appears to flow towards the southeast. Perched groundwater was also encountered in some locations in veins of fill materials.

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FORMER SYRACUSE RIGGING PROPERTY (Continued) **S105589979**

than their commercial use SCO. Arsenic exceeded its commercial use SCO at two locations (one of which also contained nickel above its commercial SCO) at a maximum concentration of 23 ppm, compared to its commercial use SCO of 16 ppm. Barium was detected in one location at a concentration of 405 ppm, compared to its commercial use SCO of 400 ppm. In all other samples arsenic and barium did not exceed their unrestricted SCOs (13 ppm and 350 ppm, respectively). Metals were also detected in sub-surface soils across the site at elevated levels. In nearly every sample one or more metal exceeded unrestricted SCOs. Many sub-surface soil samples from across the site also contained metals above commercial use SCOs as well. The most widespread metals exceeding commercial use SCOs are nickel and arsenic. Nickel was detected in sub-surface soil at a maximum concentration of 7,120 ppm. Arsenic was detected in sub-surface soil at a maximum concentration of 118 ppm. Barium and lead were also detected in a few samples in the north-central portion of the site in excess of their commercial use SCOs. The maximum concentrations of barium and lead detected in sub-surface soil were 2,300 ppm and 24,700 ppm, respectively, as compared to their commercial use SCOs of 400 ppm and 1,000 ppm, respectively. Groundwater: A groundwater monitoring well in the southern portion of the property has been shown to collect recoverable quantities of floating petroleum product (light non-aqueous phase liquid [LNAPL]) within a few days. While LNAPL is present in this well, dissolved phase groundwater contamination was not identified. Several metals (arsenic, chromium, lead and nickel) were detected in groundwater at concentrations exceeding groundwater SCGs on two occasions in one well, in the southern portion of the site.

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G32 **CITY CROSSROADS PARK** **RCRA NonGen / NLR** **1004762142**
ENE **341 PEAT ST** **FINDS** **NYR000093955**
1/8-1/4 **SYRACUSE, NY 13210** **ECHO**
0.139 mi.
735 ft. **Site 4 of 7 in cluster G**

Relative: **Higher**
Actual: **417 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2007-01-01 00:00:00.0
Handler Name:	CITY CROSSROADS PARK
Handler Address:	341 PEAT ST
Handler City,State,Zip:	SYRACUSE, NY 13210
EPA ID:	NYR000093955
Contact Name:	VITO SCISCIOLI
Contact Address:	PEAT ST

CITY CROSSROADS PARK (Continued) **1004762142**

Contact City,State,Zip:	SYRACUSE, NY 13210
Contact Telephone:	315-448-8100
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R7
Mailing Address:	PEAT ST
Mailing City,State,Zip:	SYRACUSE, NY 13210
Owner Name:	SYRACUSE INDUSTRIAL DEV AGENCY
Owner Type:	Municipal
Operator Name:	SYRACUSE INDUSTRIAL DEV AGENCY
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No

CITY CROSSROADS PARK (Continued) **1004762142**

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SYRACUSE INDUSTRIAL DEV AGENCY
Legal Status:	Municipal
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	233 E WASHINGTON ST
Owner/Operator City,State,Zip:	SYRACUSE, NY 13202
Owner/Operator Telephone:	315-448-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SYRACUSE INDUSTRIAL DEV AGENCY
Legal Status:	Municipal
Date Became Current:	2001-01-01 00:00:00.

CITY CROSSROADS PARK (Continued) **1004762142**

Date Ended Current:	Not reported
Owner/Operator Address:	233 E WASHINGTON ST
Owner/Operator City,State,Zip:	SYRACUSE, NY 13202
Owner/Operator Telephone:	315-448-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SYRACUSE INDUSTRIAL DEV AGENCY
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	233 E WASHINGTON ST
Owner/Operator City,State,Zip:	SYRACUSE, NY 13202
Owner/Operator Telephone:	315-448-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2006-01-01 00:00:00.0
Handler Name:	CITY CROSSROADS PARK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-01-01 00:00:00.0
Handler Name:	CITY CROSSROADS PARK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-01-31 00:00:00.0
Handler Name:	CITY CROSSROADS PARK
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

CITY CROSSROADS PARK (Continued) **1004762142**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004567040

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1004762142
Registry ID: 110004567040
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004567040
Name: CITY CROSSROADS PARK
Address: 341 PEAT ST
City,State,Zip: SYRACUSE, NY 13210

G33 **JC SMITH INC.** **NY LTANKS** **S105054922**
ENE **345 PEAT ST** **N/A**
1/8-1/4 **SYRACUSE, NY**
0.140 mi.
737 ft. **Site 5 of 7 in cluster G**

Relative: **Higher**
Actual: **417 ft.**

LTANKS:
Name: JC SMITH INC.
Address: 345 PEAT ST
City,State,Zip: SYRACUSE, NY
Spill Number/Closed Date: 0101969 / 2002-07-05
Facility ID: 0101969
Site ID: 197079
Spill Date: 2001-05-18
Spill Cause: Tank Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 3415
Investigator: HDWARNER

JC SMITH INC. (Continued) **S105054922**

Referred To:	Not reported
Reported to Dept:	2001-05-21
CID:	323
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2001-05-21
Spill Record Last Update:	2002-07-05
Spiller Name:	JOHN SMITH
Spiller Company:	JC SMITH INC.
Spiller Address:	345 PEAT ST
Spiller County:	001
Spiller Contact:	JOHN SMITH
Spiller Phone:	(315) 428-9903
Spiller Extention:	Not reported
DEC Region:	7
DER Facility ID:	164048
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was HW CONTAMINATED SOIL EXCAVATED AND DISPOSED. MINOR SOIL CONTAMINATION WITHIN AN OLD BUILDING"
Remarks:	"spill approx. 40 years ago and was left, building was built over the spill site, now during removal of flooring, contaminated soil was discovered. req contact from dec."

All Materials:

Site ID:	197079
Operable Unit ID:	838851
Operable Unit:	01
Material ID:	537661
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

G34 **J C SMITH INC** **RCRA-SQG** **1014399790**
ENE **345 PEAT ST** **NY MANIFEST** **NYR000178798**
1/8-1/4 **SYRACUSE, NY 13210**
0.140 mi.
737 ft. **Site 6 of 7 in cluster G**

Relative: **Higher**
Actual: **417 ft.**

RCRA-SQG:

Date Form Received by Agency:	2010-11-03 00:00:00.0
Handler Name:	J C SMITH INC
Handler Address:	345 PEAT ST
Handler City,State,Zip:	SYRACUSE, NY 13210
EPA ID:	NYR000178798
Contact Name:	JEFFREY C SMITH
Contact Address:	PEAT ST
Contact City,State,Zip:	SYRACUSE, NY 13210

J C SMITH INC (Continued) **1014399790**

Contact Telephone:	315-428-9903
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	OWNER
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R7
Mailing Address:	PEAT ST
Mailing City,State,Zip:	SYRACUSE, NY 13210
Owner Name:	JEFFREY C SMITH
Owner Type:	Private
Operator Name:	JEFFREY C SMITH
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

J C SMITH INC (Continued) **1014399790**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D008
Waste Description:	LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JEFFREY C SMITH
Legal Status:	Private
Date Became Current:	1976-06-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JEFFREY C SMITH
Legal Status:	Private
Date Became Current:	1976-06-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-11-03 00:00:00.0
Handler Name:	J C SMITH INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY

J C SMITH INC (Continued) **1014399790**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	53249
NAICS Description:	OTHER COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT RENTAL AND LEASING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2012-02-21 00:00:00.0
Evaluation Responsible Agency:	State

J C SMITH INC (Continued) **1014399790**

Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYBRS
Evaluation Responsible Sub-Organization:	R7
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

NY MANIFEST:

Name:	J C SMITH INC
Address:	345 PEAT ST
City,State,Zip:	SYRACUSE, NY 13210
Country:	USA
EPA ID:	NYR000178798
Facility Status:	Not reported
Location Address 1:	345 PEAT ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	SYRACUSE
Location State:	NY
Location Zip:	13210
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000178798
Mailing Name:	J C SMITH INC
Mailing Contact:	J C SMITH INC
Mailing Address 1:	345 PEAT ST
Mailing Address 2:	Not reported
Mailing City:	SYRACUSE
Mailing State:	NY
Mailing Zip:	13210
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	12/07/2010
Trans1 Recv Date:	12/07/2010
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/10/2010
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000178798
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported

J C SMITH INC (Continued) **1014399790**

TSDF ID 1:	ARD981057870
TSDF ID 2:	Not reported
Manifest Tracking Number:	003226422FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H061
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	70
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	2
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

H35 **FAMILY DOLLAR STORE #8307** **NY Spills** **S104951313**
ESE **1915 ERIE BLVD E** **NY MANIFEST** **N/A**
1/8-1/4 **SYRACUSE, NY 13210**
0.141 mi.
747 ft. **Site 1 of 3 in cluster H**

Relative: **Higher**

Actual: **422 ft.**

SPILLS:

Name:	SPILL NUMBER 0060055
Address:	1915 ERIE BLVD
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	0060055 / 2003-10-31
Facility ID:	0060055
Facility Type:	ER
DER Facility ID:	62650
Site ID:	65177
DEC Region:	7
Spill Cause:	Housekeeping
Spill Class:	B4
SWIS:	3415
Spill Date:	2001-01-31
Investigator:	CFMANNES
Referred To:	Not reported
Reported to Dept:	2001-01-31
CID:	Not reported

FAMILY DOLLAR STORE #8307 (Continued) **S104951313**

Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	2001-01-31
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2001-02-01
Spill Record Last Update:	2003-10-31
Spiller Name:	Not reported
Spiller Company:	STEVE CARBACIO
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	JAMES ST. ANDREWS
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was CM THIS IS A VCP SITE."
Remarks:	"INVESTIGATING SHEEN FROM PROPERTY, NOTIFIED SPILLS "

All Materials:

Site ID:	65177
Operable Unit ID:	835789
Operable Unit:	01
Material ID:	541238
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	65177
Operable Unit ID:	835789
Operable Unit:	01
Material ID:	541237
Material Code:	0005A
Material Name:	auto waste fluids
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	65177
Operable Unit ID:	835789
Operable Unit:	01
Material ID:	541239
Material Code:	0021
Material Name:	transmission fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00

FAMILY DOLLAR STORE #8307 (Continued) **S104951313**

Oxygenate: Not reported

NY MANIFEST:
Name: FAMILY DOLLAR STORE #8307
Address: 1915 ERIE BLVD E
City,State,Zip: SYRACUSE, NY 13210
Country: USA
EPA ID: NYR000215186
Facility Status: Not reported
Location Address 1: 1915 ERIE BLVD E
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: SYRACUSE
Location State: NY
Location Zip: 13210
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000215186
Mailing Name: FAMILY DOLLAR STORE #8307
Mailing Contact: FAMILY DOLLAR STORE #8307
Mailing Address 1: 1915 ERIE BLVD E
Mailing Address 2: Not reported
Mailing City: SYRACUSE
Mailing State: NY
Mailing Zip: 13210
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: Not reported
Trans1 State ID: PAD982661381
Trans2 State ID: Not reported
Generator Ship Date: 03/21/2017
Trans1 Recv Date: 03/21/2017
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/27/2017
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000215186
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: RID040098352
TSDF ID 2: Not reported
Manifest Tracking Number: 010129408FLE
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N

FAMILY DOLLAR STORE #8307 (Continued) **S104951313**

Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1
Units:	P - Pounds
Number of Containers:	1
Container Type:	BA - Burlap, plastic, paper bags
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	Not reported
Waste Code 1_2:	D001
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

H36 **1915 ERIE BLVD. E., LLC** **NY UST** **U004045137**
ESE **1915 ERIE BLVD. E.** **N/A**
1/8-1/4 **SYRACUSE, NY 13210**
0.141 mi.
747 ft. **Site 2 of 3 in cluster H**

Relative:
Higher

Actual:
422 ft.

UST:

Name:	1915 ERIE BLVD. E., LLC
Address:	1915 ERIE BLVD. E.
City,State,Zip:	SYRACUSE, NY 13210
Id/Status:	7-600960 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	7
Expiration Date:	N/A
UTM X:	409055.91371
UTM Y:	4767082.64963
Site Type:	Retail Gasoline Sales

Affiliation Records:

Site Id:	47396
Affiliation Type:	Facility Owner
Company Name:	1915 ERIE BLVD. E., LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1915 ERIE BLVD. E.
Address2:	Not reported
City:	SYRACUSE
State:	NY
Zip Code:	13210
Country Code:	001
Phone:	(315) 422-4949
EMail:	Not reported

1915 ERIE BLVD. E., LLC (Continued) **U004045137**

Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	47396
Affiliation Type:	Mail Contact
Company Name:	S & W REDEVELOPMENT OF N.A., LLC
Contact Type:	Not reported
Contact Name:	MR. DAMIAN J. VANETTI
Address1:	430 E. GENESEE ST., SUITE 401
Address2:	Not reported
City:	SYRACUSE
State:	NY
Zip Code:	13202
Country Code:	001
Phone:	(315) 422-4949
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	47396
Affiliation Type:	Facility Operator
Company Name:	1915 ERIE BLVD. E., LLC
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	47396
Affiliation Type:	Emergency Contact
Company Name:	1915 ERIE BLVD. E., LLC
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

1915 ERIE BLVD. E., LLC (Continued) **U004045137**

Tank Number:	1
Tank ID:	140554
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	3000
Install Date:	Not reported
Date Tank Closed:	05/01/2003
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0000
Common Name of Substance:	Empty
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground

Tank Number:	2
Tank ID:	140555
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	6750
Install Date:	Not reported
Date Tank Closed:	05/01/2003
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0000
Common Name of Substance:	Empty
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None

1915 ERIE BLVD. E., LLC (Continued) **U004045137**

I00 - Overfill - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number: 3
Tank ID: 140556
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 5000
Install Date: Not reported
Date Tank Closed: 05/01/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J00 - Dispenser - None

Tank Number: 4
Tank ID: 140557
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: Not reported
Date Tank Closed: 05/01/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

1915 ERIE BLVD. E., LLC (Continued) **U004045137**

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number:	5
Tank ID:	140558
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	5000
Install Date:	Not reported
Date Tank Closed:	05/01/2003
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0000
Common Name of Substance:	Empty
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number:	6
Tank ID:	140559
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	2000
Install Date:	Not reported
Date Tank Closed:	05/01/2003
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0000
Common Name of Substance:	Empty

1915 ERIE BLVD. E., LLC (Continued) **U004045137**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
J00 - Dispenser - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number: 7
Tank ID: 140560
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: Not reported
Date Tank Closed: 05/01/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number: 8
Tank ID: 140561
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: Not reported
Date Tank Closed: 05/01/2003

1915 ERIE BLVD. E., LLC (Continued) **U004045137**

Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0000
Common Name of Substance:	Empty
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number:	9
Tank ID:	140562
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	2000
Install Date:	Not reported
Date Tank Closed:	05/01/2003
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0000
Common Name of Substance:	Empty
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

H37 **FAMILY DOLLAR STORE #8307** **RCRA-VSQG** **1016975058**
ESE **1915 ERIE BLVD E** **NYR000215186**
1/8-1/4 **SYRACUSE, NY 13210**
0.141 mi.
747 ft. **Site 3 of 3 in cluster H**

Relative: **Higher**
Actual: **422 ft.**

RCRA-VSQG:

Date Form Received by Agency:	2015-08-25 00:00:00.0
Handler Name:	FAMILY DOLLAR STORE #8307
Handler Address:	1915 ERIE BLVD E
Handler City,State,Zip:	SYRACUSE, NY 13210
EPA ID:	NYR000215186
Contact Name:	KEVIN STRAIGHT
Contact Address:	PO BOX 1017
Contact City,State,Zip:	CHARLOTTE, NC 28201
Contact Telephone:	704-708-1909
Contact Fax:	Not reported
Contact Email:	KSTRAIGHT@FAMILYDOLLAR.COM
Contact Title:	PROGRAM MANAGER ENVIRONMENTAL COMPLIANCE
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R7
Mailing Address:	PO BOX 1017
Mailing City,State,Zip:	CHARLOTTE, NC 28201
Owner Name:	ERIE & PEAT LLC
Owner Type:	Private
Operator Name:	FAMILY DOLLAR STORES
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

FAMILY DOLLAR STORE #8307 (Continued) **1016975058**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-09-29 14:32:14.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM

FAMILY DOLLAR STORE #8307 (Continued) **1016975058**

Waste Code: D011
Waste Description: SILVER

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D024
Waste Description: M-CRESOL

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: FAMILY DOLLAR STORES
Legal Status: Private
Date Became Current: 2010-11-04 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ERIE & PEAT LLC
Legal Status: Private
Date Became Current: 2010-12-21 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 4325
Owner/Operator City,State,Zip: UTICA, NY 13504
Owner/Operator Telephone: 315-797-7534
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ERIE & PEAT LLC
Legal Status: Private
Date Became Current: 2010-11-04 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 4325
Owner/Operator City,State,Zip: UTICA, NY 13504
Owner/Operator Telephone: 315-797-7534
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: FAMILY DOLLAR STORES
Legal Status: Private
Date Became Current: 2010-11-04 00:00:00.
Date Ended Current: Not reported

FAMILY DOLLAR STORE #8307 (Continued) **1016975058**

Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2014-10-14 00:00:00.0
Handler Name:	FAMILY DOLLAR STORE 8307
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-08-25 00:00:00.0
Handler Name:	FAMILY DOLLAR STORE #8307
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	45299
NAICS Description:	ALL OTHER GENERAL MERCHANDISE STORES

NAICS Code:	452990
NAICS Description:	ALL OTHER GENERAL MERCHANDISE STORES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

38
WNW
1/8-1/4
0.144 mi.
759 ft.

NYSDOT BRIDGE BIN 105113A
I-690 EB OVER RAMP TO TEAL AVE
SYRACUSE, NY 13202

RCRA NonGen / NLR **1001113513**
NY MANIFEST **NYR000025031**

Relative:
Higher

Actual:
419 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2007-01-01 00:00:00.0
Handler Name:	NYSDOT BRIDGE BIN 105113A
Handler Address:	I-690 EB OVER RAMP TO TEAL AVE
Handler City,State,Zip:	SYRACUSE, NY 13202
EPA ID:	NYR000025031
Contact Name:	Not reported
Contact Address:	S WARREN ST
Contact City,State,Zip:	SYRACUSE, NY 13202
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	State
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R7
Mailing Address:	S WARREN ST
Mailing City,State,Zip:	SYRACUSE, NY 13202
Owner Name:	NYSDOT
Owner Type:	State
Operator Name:	NYSDOT
Operator Type:	State
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

NYSDOT BRIDGE BIN 105113A (Continued) **1001113513**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	NONE
Waste Description:	Not Defined

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NYSDOT
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	109 S WARREN ST
Owner/Operator City,State,Zip:	SYRACUSE, NY 13202
Owner/Operator Telephone:	315-448-7342
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

NYSDOT BRIDGE BIN 105113A (Continued) **1001113513**

Owner/Operator Name:	NYSDOT
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	109 S WARREN ST
Owner/Operator City,State,Zip:	SYRACUSE, NY 13202
Owner/Operator Telephone:	315-448-7342
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NYSDOT
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	109 S WARREN ST
Owner/Operator City,State,Zip:	SYRACUSE, NY 13202
Owner/Operator Telephone:	315-448-7342
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-01-31 00:00:00.0
Handler Name:	NYSDOT BRIDGE BIN 105113A
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-01-01 00:00:00.0
Handler Name:	NYSDOT BRIDGE BIN 105113A
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-01-01 00:00:00.0
Handler Name:	NYSDOT BRIDGE BIN 105113A
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

NYSDOT BRIDGE BIN 105113A (Continued) **1001113513**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-06-05 00:00:00.0
Handler Name:	NYSDOT BRIDGE BIN 105113A
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

NY MANIFEST:

Name:	NYSDOT BRIDGE BIN 105113A
Address:	I-690 EB OVER RAMP TO TEAL AVE
City,State,Zip:	SYRACUSE, NY 13202
Country:	USA
EPA ID:	NYR000025031
Facility Status:	Not reported
Location Address 1:	I690 EB OVER RAMP TO TEAL AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	SYRACUSE
Location State:	NY
Location Zip:	13202
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000025031
Mailing Name:	NYSDOT BRIDGE BIN 105113A
Mailing Contact:	DAVID BEITER
Mailing Address 1:	109 SOUTH WARREN STREET
Mailing Address 2:	Not reported
Mailing City:	SYRACUSE
Mailing State:	NY
Mailing Zip:	13202
Mailing Zip 4:	Not reported
Mailing Country:	USA

NYSDOT BRIDGE BIN 105113A (Continued) **1001113513**

Mailing Phone: 3154487342

NY MANIFEST:

Document ID:	MIA4024699
Manifest Status:	K
seq:	Not reported
Year:	1996
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	11/12/1996
Trans1 Recv Date:	11/12/1996
Trans2 Recv Date:	/ /
TSD Site Recv Date:	12/11/1996
Part A Recv Date:	12/09/1996
Part B Recv Date:	01/03/1997
Generator EPA ID:	NYR000025031
Trans1 EPA ID:	NYD046765574
Trans2 EPA ID:	Not reported
TSDF ID 1:	MID000724831
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	42560
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	100

F39 **HALLAMORE MOTOR TRANS INC** **NY LTANKS** **U001848848**
East **201 PEAT ST** **NY UST** **N/A**
1/8-1/4 **SYRACUSE, NY 13217**
0.145 mi.
763 ft. **Site 2 of 2 in cluster F**

Relative:
Higher

Actual:
418 ft.

LTANKS:

Name:	HOLLOMORE MOTOR TRANS.
Address:	201 PEAT STREET
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	8706610 / 1987-12-08

HALLAMORE MOTOR TRANS INC (Continued) **U001848848**

Facility ID:	8706610
Site ID:	159118
Spill Date:	1987-11-04
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	1987-12-08
SWIS:	3415
Investigator:	HDWARNER
Referred To:	Not reported
Reported to Dept:	1987-11-04
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1987-11-30
Spill Record Last Update:	1988-01-27
Spiller Name:	Not reported
Spiller Company:	HOLLOMORE MOTOR TRANSPORT
Spiller Address:	201 PEAT STREET
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	7
DER Facility ID:	134464
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was HW / / : DON ELLIOT HIRED BY HOLLOMORE TRANS. TO REMOVE TANKS. RICHARD SHEVALIER IS CONTACT PERSON. RICHARD SHEVALIER IS CONTACT PERSON. / / : RICHARD SHEVALIER IS CONTACT PERSON. "
Remarks:	"6,000 GAL. TANK. FAILURE RATE 1.292 GPH"

All Materials:

Site ID:	159118
Operable Unit ID:	912509
Operable Unit:	01
Material ID:	465618
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

UST:

Name:	HALLAMORE MOTOR TRANS INC
Address:	201 PEAT ST
City,State,Zip:	SYRACUSE, NY 13217
Id/Status:	7-263788 / Unregulated/Closed
Program Type:	PBS

HALLAMORE MOTOR TRANS INC (Continued) **U001848848**

Region: STATE
DEC Region: 7
Expiration Date: N/A
UTM X: 409176.74633
UTM Y: 4767128.02562
Site Type: Unknown

Affiliation Records:

Site Id: 45268
Affiliation Type: Facility Owner
Company Name: HALLAMORE MOTOR TRANS INC
Contact Type: Not reported
Contact Name: Not reported
Address1: 201 PEAT ST
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13217
Country Code: 001
Phone: (315) 474-8701
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 45268
Affiliation Type: Mail Contact
Company Name: HALLAMORE MOTOR TRANS INC
Contact Type: Not reported
Contact Name: Not reported
Address1: 201 PEAT ST
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13217
Country Code: 001
Phone: (315) 474-8701
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 45268
Affiliation Type: Facility Operator
Company Name: HALLAMORE MOTOR TRANS INC
Contact Type: Not reported
Contact Name: HALLAMORE MOTOR TRANS INC
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (315) 474-8701
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

HALLAMORE MOTOR TRANS INC (Continued) **U001848848**

Site Id:	45268
Affiliation Type:	Emergency Contact
Company Name:	HALLAMORE MOTOR TRANS INC
Contact Type:	Not reported
Contact Name:	RICHARD J SHEVALIER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(315) 458-3155
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	130299
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	6000
Install Date:	06/01/1950
Date Tank Closed:	03/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number:	002
Tank ID:	130300
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	3000
Install Date:	06/01/1950

HALLAMORE MOTOR TRANS INC (Continued) **U001848848**

Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

I40 **MACLAW & ALLAN INC** **RCRA NonGen / NLR** **1000457731**
SE **1860 ERIE BLVD E** **FINDS** **NYD986929933**
1/8-1/4 **SYRACUSE, NY 13217** **ECHO**
0.146 mi. **NY MANIFEST**
773 ft. **Site 1 of 2 in cluster I**

Relative: **Higher**
Actual: **439 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2007-01-01 00:00:00.0
Handler Name:	MACLAW & ALLAN INC
Handler Address:	1860 ERIE BLVD E
Handler City,State,Zip:	SYRACUSE, NY 13217
EPA ID:	NYD986929933
Contact Name:	JOHN EMMERSON
Contact Address:	ERIE BLVD E PO BOX 4950
Contact City,State,Zip:	SYRACUSE, NY 13217
Contact Telephone:	315-442-1851
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R7
Mailing Address:	ERIE BLVD E PO BOX 4950
Mailing City,State,Zip:	SYRACUSE, NY 13217
Owner Name:	MACLAW & ALLAN
Owner Type:	Private
Operator Name:	MACLAW & ALLAN

MACLAW & ALLAN INC (Continued) **1000457731**

Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

MACLAW & ALLAN INC (Continued) **1000457731**

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: MACLAW & ALLAN
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1860 ERIE BLVD E
Owner/Operator City,State,Zip: SYRACUSE, NY 13221
Owner/Operator Telephone: 315-442-1851
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MACLAW & ALLAN
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1860 ERIE BLVD E
Owner/Operator City,State,Zip: SYRACUSE, NY 13221
Owner/Operator Telephone: 315-442-1851
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MACLAW & ALLAN
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1860 ERIE BLVD E
Owner/Operator City,State,Zip: SYRACUSE, NY 13221
Owner/Operator Telephone: 315-442-1851
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

MACLAW & ALLAN INC (Continued) **1000457731**

Historic Generators:

Receive Date:	2006-01-01 00:00:00.0
Handler Name:	MACLAW & ALLAN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-01-01 00:00:00.0
Handler Name:	MACLAW & ALLAN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1992-03-27 00:00:00.0
Handler Name:	MACLAW & ALLAN INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

MACLAW & ALLAN INC (Continued) **1000457731**

Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2002-06-17 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYBRS
Evaluation Responsible Sub-Organization: R7
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110004455633

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

MACLAW & ALLAN INC (Continued) **1000457731**

ECHO:
- Envid: 1000457731
- Registry ID: 110004455633
- DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004455633
- Name: MACLAW & ALLAN INC
- Address: 1860 ERIE BLVD E
- City,State,Zip: SYRACUSE, NY 13217

NY MANIFEST:
- Name: MACLAW & ALLEN
- Address: 1860 ERIE BLVD E
- City,State,Zip: SYRACUSE, NY 13217
- Country: USA
- EPA ID: NYD986929933
- Facility Status: Not reported
- Location Address 1: 1860 ERIE BLVD EAST
- Code: BP
- Location Address 2: Not reported
- Total Tanks: Not reported
- Location City: SYRACUSE
- Location State: NY
- Location Zip: 13210
- Location Zip 4: Not reported

NY MANIFEST:
- EPAID: NYD986929933
- Mailing Name: MACLAW & ALLEN
- Mailing Contact: TIMOTHY P DODGE
- Mailing Address 1: 1860 ERIE BLVD EAST
- Mailing Address 2: Not reported
- Mailing City: SYRACUSE
- Mailing State: NY
- Mailing Zip: 13210
- Mailing Zip 4: Not reported
- Mailing Country: USA
- Mailing Phone: 3154742429

NY MANIFEST:
- Document ID: NJA3026444
- Manifest Status: Not reported
- seq: 01
- Year: 1999
- Trans1 State ID: 08690
- Trans2 State ID: H10364
- Generator Ship Date: 01/28/1999
- Trans1 Recv Date: 01/28/1999
- Trans2 Recv Date: 02/01/1999
- TSD Site Recv Date: 02/09/1999
- Part A Recv Date: Not reported
- Part B Recv Date: Not reported
- Generator EPA ID: NYD986929933
- Trans1 EPA ID: ILD984908202
- Trans2 EPA ID: SCD987574647
- TSDF ID 1: NJD002182897
- TSDF ID 2: Not reported
- Manifest Tracking Number: Not reported

MACLAW & ALLAN INC (Continued) **1000457731**

Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F005 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00404
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00

I41 **R B WOODCRAFT INC** **RCRA-SQG** **1001128010**
SE **1860 ERIE BLVD E 1ST FLOOR** **FINDS** **NYR000036749**
1/8-1/4 **SYRACUSE, NY 13210** **ECHO**
0.146 mi. **NY MANIFEST**
773 ft. **Site 2 of 2 in cluster I**

Relative: **Higher**
Actual: **439 ft.**

RCRA-SQG:

Date Form Received by Agency:	2015-04-08 00:00:00.0
Handler Name:	R B WOODCRAFT INC
Handler Address:	1860 ERIE BLVD E
Handler City,State,Zip:	SYRACUSE, NY 13210
EPA ID:	NYR000036749
Contact Name:	JOSEPH P MCGLYNN
Contact Address:	ERIE BLVD E
Contact City,State,Zip:	SYRACUSE, NY 13210
Contact Telephone:	315-474-2429 301
Contact Fax:	Not reported
Contact Email:	JMCGLYNN@RBWOODCRAFT.COM
Contact Title:	CONTROLLER
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R7
Mailing Address:	ERIE BLVD E
Mailing City,State,Zip:	SYRACUSE, NY 13210
Owner Name:	UPSTATE LLC
Owner Type:	Private
Operator Name:	JOSEPH P MCGLYNN

R B WOODCRAFT INC (Continued) **1001128010**

Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-05-05 11:26:24.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

R B WOODCRAFT INC (Continued) **1001128010**

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAY BROOKS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1860 ERIE BLVD E 1ST FLOOR
Owner/Operator City,State,Zip:	SYRACUSE, NY 13210
Owner/Operator Telephone:	315-474-2429
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOSEPH P MCGLYNN
Legal Status:	Private
Date Became Current:	1994-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

R B WOODCRAFT INC (Continued) **1001128010**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAY BROOKS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1860 ERIE BLVD E 1ST FLOOR
Owner/Operator City,State,Zip:	SYRACUSE, NY 13210
Owner/Operator Telephone:	315-474-2429
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAY BROOKS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1860 ERIE BLVD E 1ST FLOOR
Owner/Operator City,State,Zip:	SYRACUSE, NY 13210
Owner/Operator Telephone:	315-474-2429
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UPSTATE LLC
Legal Status:	Private
Date Became Current:	1994-04-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1860 ERIE BLVD E
Owner/Operator City,State,Zip:	SYRACUSE, NY 13210
Owner/Operator Telephone:	315-474-2429
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2006-01-01 00:00:00.0
Handler Name:	R B WOODCRAFT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-01-01 00:00:00.0
Handler Name:	R B WOODCRAFT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

R B WOODCRAFT INC (Continued) **1001128010**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-18 00:00:00.0
Handler Name:	R B WOODCRAFT
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-04-08 00:00:00.0
Handler Name:	R B WOODCRAFT INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	32121
NAICS Description:	VENEER, PLYWOOD, AND ENGINEERED WOOD PRODUCT MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

R B WOODCRAFT INC (Continued) **1001128010**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

R B WOODCRAFT INC (Continued) **1001128010**

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2015-05-05 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYBRS
Evaluation Responsible Sub-Organization: R7
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2002-06-18 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYBRS

R B WOODCRAFT INC (Continued) **1001128010**

Evaluation Responsible Sub-Organization:	R7
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-06-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYBRS
Evaluation Responsible Sub-Organization:	R7
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110004533112

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
OSHA ESTABLISHMENT

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001128010
Registry ID:	110004533112
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004533112
Name:	R B WOODCRAFT INC
Address:	1860 ERIE BLVD E 1ST FLOOR
City,State,Zip:	SYRACUSE, NY 13210

NY MANIFEST:

Name:	R B WOODCRAFT
Address:	1860 ERIE BLVD E
City,State,Zip:	SYRACUSE, NY 13210
Country:	USA
EPA ID:	NYR000036749
Facility Status:	Not reported
Location Address 1:	1860 ERIE BLVD E 1ST FL
Code:	BP
Location Address 2:	Not reported

R B WOODCRAFT INC (Continued) **1001128010**

Total Tanks:	Not reported
Location City:	SYRACUSE
Location State:	NY
Location Zip:	13210
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000036749
Mailing Name:	R B WOODCRAFT
Mailing Contact:	TIMOTHY DODGE
Mailing Address 1:	1860 ERIE BLVD EAST
Mailing Address 2:	Not reported
Mailing City:	SYRACUSE
Mailing State:	NY
Mailing Zip:	13210
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	3154742429

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	TXR000081205
Trans2 State ID:	NJD071629976
Generator Ship Date:	12/30/2013
Trans1 Recv Date:	12/30/2013
Trans2 Recv Date:	01/13/2014
TSD Site Recv Date:	01/18/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000036749
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NCD000648451
TSDF ID 2:	Not reported
Manifest Tracking Number:	003968603SKS
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	400
Units:	P - Pounds

R B WOODCRAFT INC (Continued) **1001128010**

Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	F003
Waste Code 1_2:	F005
Waste Code 1_3:	D001
Waste Code 1_4:	D035
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

E42 **SYRACUSE RERS** **RCRA NonGen / NLR** **1000981492**
WSW **227 TEALL AVE** **FINDS** **NY0001004902**
1/8-1/4 **SYRACUSE, NY 13210** **ECHO**
0.148 mi.
783 ft. **Site 3 of 4 in cluster E**

Relative: **Higher**
Actual: **417 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2007-01-01 00:00:00.0
Handler Name:	SYRACUSE RERS
Handler Address:	227 TEALL AVE
Handler City,State,Zip:	SYRACUSE, NY 13210-1218
EPA ID:	NY0001004902
Contact Name:	Not reported
Contact Address:	PITTSFORD-VICTOR RD
Contact City,State,Zip:	VICTOR, NY 14564
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R7
Mailing Address:	PITTSFORD-VICTOR RD
Mailing City,State,Zip:	VICTOR, NY 14564
Owner Name:	AMERCO
Owner Type:	Private
Operator Name:	AMERCO
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

SYRACUSE RERS (Continued) **1000981492**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERCO
Legal Status:	Private

SYRACUSE RERS (Continued) **1000981492**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 21502
Owner/Operator City,State,Zip:	PHOENIX, AZ 85036-1502
Owner/Operator Telephone:	602-263-6856
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERCO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 21502
Owner/Operator City,State,Zip:	PHOENIX, AZ 85036-1502
Owner/Operator Telephone:	602-263-6856
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AMERCO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 21502
Owner/Operator City,State,Zip:	PHOENIX, AZ 85036-1502
Owner/Operator Telephone:	602-263-6856
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-07-08 00:00:00.0
Handler Name:	SYRACUSE RERS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-01-01 00:00:00.0
Handler Name:	SYRACUSE RERS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

SYRACUSE RERS (Continued) **1000981492**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-01-01 00:00:00.0
Handler Name:	SYRACUSE RERS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1995-01-12 00:00:00.0
Handler Name:	SYRACUSE RERS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004323786

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

SYRACUSE RERS (Continued) **1000981492**

Envid:	1000981492
Registry ID:	110004323786
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004323786
Name:	SYRACUSE RERS
Address:	227 TEALL AVE
City,State,Zip:	SYRACUSE, NY 13210

G43 **CITY OF SYRACUSE - PEAT STREET** **NY SWF/LF** **S118562955**
ENE **100 CITY CROSSROADS DRIVE** **N/A**
1/8-1/4 **SYRACUSE, NY 13210**
0.152 mi.
800 ft. **Site 7 of 7 in cluster G**

Relative: **Higher**

Actual: **418 ft.**

SWF/LF:

Name:	CITY OF SYRACUSE - PEAT STREET
Address:	100 CITY CROSSROADS DRIVE
City,State,Zip:	SYRACUSE, NY 13210
Flag:	ACTIVE
Region Code:	7
Phone Number:	3154482489
Owner Name:	Syracuse Industrial Development Agency (SIDA)
Owner Type:	Municipal
Owner Address:	City Hall Commons; 6th Floor
Owner Addr2:	201 East Washington Street
Owner City,St,Zip:	Syracuse, NY 13202
Owner Email:	hspillane@syrgov.net
Owner Phone:	3154733275
Contact Name:	Ann Fordock
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	afordock@syrgov.net
Contact Phone:	3154488520
Activity Desc:	Composting - roadkill/mortalities - registration
Activity Number:	[34P30014]
Active:	Yes
East Coordinate:	408904
North Coordinate:	4767231
Accuracy Code:	Not reported
Regulatory Status:	Registration
Waste Type:	Animal Carcasses
Authorization #:	34P30014
Authorization Date:	6/26/2018
Expiration Date:	6/26/2023
Operator Name:	City of Syracuse DPW
Operator Type:	Municipal
Laste Date:	10/5/2018

Name:	CITY OF SYRACUSE - PEAT STREET
Address:	100 CITY CROSSROADS DRIVE
City,State,Zip:	SYRACUSE, NY 13210
Flag:	ACTIVE
Region Code:	7
Phone Number:	3154482489
Owner Name:	Syracuse Industrial Development Agency (SIDA)
Owner Type:	Municipal
Owner Address:	City Hall Commons; 6th Floor
Owner Addr2:	201 East Washington Street

CITY OF SYRACUSE - PEAT STREET (Continued) **S118562955**

Owner City,St,Zip:	Syracuse, NY 13202
Owner Email:	hspillane@syrgov.net
Owner Phone:	3154733275
Contact Name:	Ann Fordock
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	afordock@syrgov.net
Contact Phone:	3154488520
Activity Desc:	Mulch processing - registration
Activity Number:	[34M10014]
Active:	Yes
East Coordinate:	408904
North Coordinate:	4767231
Accuracy Code:	4.1 - Address Matching
Regulatory Status:	Registration
Waste Type:	Wood (Brush/ Branches/ Trees/ Stumps)
Authorization #:	34M10014
Authorization Date:	6/26/2018
Expiration Date:	6/26/2023
Operator Name:	City of Syracuse DPW
Operator Type:	Municipal
Laste Date:	10/5/2018

Name:	CITY OF SYRACUSE - PEAT STREET
Address:	100 CITY CROSSROADS DRIVE
City,State,Zip:	SYRACUSE, NY 13210
Flag:	ACTIVE
Region Code:	7
Phone Number:	3154482489
Owner Name:	Syracuse Industrial Development Agency (SIDA)
Owner Type:	Municipal
Owner Address:	City Hall Commons; 6th Floor
Owner Addr2:	201 East Washington Street
Owner City,St,Zip:	Syracuse, NY 13202
Owner Email:	hspillane@syrgov.net
Owner Phone:	3154733275
Contact Name:	Ann Fordock
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	afordock@syrgov.net
Contact Phone:	3154488520
Activity Desc:	Transfer facility - registration
Activity Number:	[34T10014]
Active:	Yes
East Coordinate:	408904
North Coordinate:	4767231
Accuracy Code:	Not reported
Regulatory Status:	Registration
Waste Type:	Waste Tires;Street Sweepings;Construction & Demolition Debris
Authorization #:	34T10014
Authorization Date:	6/26/2018
Expiration Date:	6/26/2023
Operator Name:	City of Syracuse DPW
Operator Type:	Municipal
Laste Date:	10/5/2018

E44
WSW
1/8-1/4
0.153 mi.
809 ft.

RAULLI & SONS INC
213 TEALL AVE
SYRACUSE, NY 13210

Site 4 of 4 in cluster E

NY UST **U003313544**
N/A

Relative:
Higher

Actual:
417 ft.

UST:

Name:	RAULLI & SONS INC
Address:	213 TEALL AVE
City,State,Zip:	SYRACUSE, NY 13210
Id/Status:	7-418021 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	7
Expiration Date:	N/A
UTM X:	408613.23613
UTM Y:	4767091.95772
Site Type:	Unknown

Affiliation Records:

Site Id:	45696
Affiliation Type:	Facility Owner
Company Name:	RAULLI & SONS INC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	213 TEALL AVE
Address2:	Not reported
City:	SYRACUSE
State:	NY
Zip Code:	13210
Country Code:	001
Phone:	(315) 479-6693
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	45696
Affiliation Type:	Mail Contact
Company Name:	RAULLI & SONS INC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	213 TEALL AVE
Address2:	Not reported
City:	SYRACUSE
State:	NY
Zip Code:	13210
Country Code:	001
Phone:	(315) 479-6693
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	45696
Affiliation Type:	Facility Operator
Company Name:	RAULLI & SONS INC
Contact Type:	Not reported
Contact Name:	RAULLI & SONS INC
Address1:	Not reported

RAULLI & SONS INC (Continued) **U003313544**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(315) 479-6693
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	45696
Affiliation Type:	Emergency Contact
Company Name:	RAULLI & SONS INC
Contact Type:	Not reported
Contact Name:	RICH RAULLI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(315) 622-3079
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	134390
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	4000
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

RAULLI & SONS INC (Continued) **U003313544**

F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	002
Tank ID:	134391
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	4000
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

J45 **SUNOCO #0363-9598** **NY UST** **U000387421**
SW **1701 ERIE BLVD EAST** **NY AST** **N/A**
1/8-1/4 **SYRACUSE, NY 13210**
0.175 mi.
922 ft. **Site 1 of 4 in cluster J**

Relative:
Higher

Actual:
420 ft.

UST:

Name:	SUNOCO #0363-9598
Address:	1701 ERIE BLVD EAST
City,State,Zip:	SYRACUSE, NY 13210
Id/Status:	7-128007 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	7
Expiration Date:	07/15/2021
UTM X:	408695.50463
UTM Y:	4766977.99008
Site Type:	Retail Gasoline Sales

Affiliation Records:

Site Id:	44651
Affiliation Type:	Mail Contact
Company Name:	SUNOCO RETAIL LLC

SUNOCO #0363-9598 (Continued) **U000387421**

Contact Type:	COMPLIANCE COORDINATOR
Contact Name:	KATHLEEN MCCANEY
Address1:	3801 WEST CHESTER PIKE
Address2:	Not reported
City:	NEWTOWN SQUARE
State:	PA
Zip Code:	19073
Country Code:	001
Phone:	(610) 833-3761
EMail:	KATHLEEN.MCCANEY@SUNOCO.COM
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2019-12-27

Site Id:	44651
Affiliation Type:	Facility Operator
Company Name:	SUNOCO #0363-9598
Contact Type:	Not reported
Contact Name:	MAJOR SHERGILL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(315) 214-4626
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KCKEMP
Date Last Modified:	2016-07-20

Site Id:	44651
Affiliation Type:	Emergency Contact
Company Name:	SUNOCO RETAIL LLC
Contact Type:	Not reported
Contact Name:	SUNOCO MAINTENANCE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(800) 786-9494
EMail:	Not reported
Fax Number:	Not reported
Modified By:	AESKALSK
Date Last Modified:	2019-02-01

Site Id:	44651
Affiliation Type:	Facility Owner
Company Name:	SUNOCO LLC
Contact Type:	COMPLIANCE COORDINATOR
Contact Name:	KATHLEEN MCCANEY
Address1:	3801 WEST CHESTER PIKE
Address2:	Not reported
City:	NEWTOWN SQUARE
State:	PA

SUNOCO #0363-9598 (Continued) **U000387421**

Zip Code:	19073
Country Code:	999
Phone:	(610) 833-3761
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DFPICKET
Date Last Modified:	2019-12-09

Tank Info:

Tank Number:	001
Tank ID:	128160
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	12000
Install Date:	07/01/1982
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	00
Date Test:	12/20/2017
Next Test Date:	Not reported
Pipe Model:	D
Modified By:	KCKEMP
Last Modified:	01/21/2020

Equipment Records:

I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
E04 - Piping Secondary Containment - Double walled UG
K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
B04 - Tank External Protection - Fiberglass
F04 - Pipe External Protection - Fiberglass
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
H05 - Tank Leak Detection - In-Tank System (ATG)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector

Tank Number:	002
Tank ID:	128161
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	12000
Install Date:	07/01/1982
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2712

SUNOCO #0363-9598 (Continued) **U000387421**

Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 00
Date Test: 12/20/2017
Next Test Date: Not reported
Pipe Model: D
Modified By: KCKEMP
Last Modified: 01/21/2020

Equipment Records:

C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H05 - Tank Leak Detection - In-Tank System (ATG)
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
E04 - Piping Secondary Containment - Double walled UG
A00 - Tank Internal Protection - None
I03 - Overfill - Automatic Shut-Off

Tank Number: 003
Tank ID: 128162
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 8000
Install Date: 06/01/1978
Date Tank Closed: 04/01/1995
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 03/01/1994
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other

Tank Number: 004
Tank ID: 135172

SUNOCO #0363-9598 (Continued) **U000387421**

Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	01/01/1962
Date Tank Closed:	04/01/1995
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	00
Date Test:	09/01/1993
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other

Tank Number:	005
Tank ID:	137146
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	10000
Install Date:	04/01/1995
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	00
Date Test:	12/20/2017
Next Test Date:	Not reported
Pipe Model:	D
Modified By:	KCKEMP
Last Modified:	01/21/2020

Equipment Records:

L02 - Piping Leak Detection - Interstitial - Manual Monitoring
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
K01 - Spill Prevention - Catch Basin
G04 - Tank Secondary Containment - Double-Walled (Underground)

SUNOCO #0363-9598 (Continued) **U000387421**

A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
I03 - Overfill - Automatic Shut-Off
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass

AST:

Name:	SUNOCO #0363-9598
Address:	1701 ERIE BLVD EAST
City,State,Zip:	SYRACUSE, NY 13210
Region:	STATE
DEC Region:	7
Site Status:	Active
Facility Id:	7-128007
Program Type:	PBS
UTM X:	408695.50463
UTM Y:	4766977.99008
Expiration Date:	07/15/2021
Site Type:	Retail Gasoline Sales

Affiliation Records:

Site Id:	44651
Affiliation Type:	Mail Contact
Company Name:	SUNOCO RETAIL LLC
Contact Type:	COMPLIANCE COORDINATOR
Contact Name:	KATHLEEN MCCANEY
Address1:	3801 WEST CHESTER PIKE
Address2:	Not reported
City:	NEWTOWN SQUARE
State:	PA
Zip Code:	19073
Country Code:	001
Phone:	(610) 833-3761
EMail:	KATHLEEN.MCCANEY@SUNOCO.COM
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2019-12-27

Site Id:	44651
Affiliation Type:	Facility Operator
Company Name:	SUNOCO #0363-9598
Contact Type:	Not reported
Contact Name:	MAJOR SHERGILL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(315) 214-4626
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KCKEMP
Date Last Modified:	2016-07-20

Site Id:	44651

SUNOCO #0363-9598 (Continued) **U000387421**

Affiliation Type:	Emergency Contact
Company Name:	SUNOCO RETAIL LLC
Contact Type:	Not reported
Contact Name:	SUNOCO MAINTENANCE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(800) 786-9494
EMail:	Not reported
Fax Number:	Not reported
Modified By:	AESKALSK
Date Last Modified:	2019-02-01

Site Id:	44651
Affiliation Type:	Facility Owner
Company Name:	SUNOCO LLC
Contact Type:	COMPLIANCE COORDINATOR
Contact Name:	KATHLEEN MCCANEY
Address1:	3801 WEST CHESTER PIKE
Address2:	Not reported
City:	NEWTOWN SQUARE
State:	PA
Zip Code:	19073
Country Code:	999
Phone:	(610) 833-3761
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DFPICKET
Date Last Modified:	2019-12-09

Tank Info:

Tank Number:	006
Tank Id:	215970
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G10 - Tank Secondary Containment - Impervious Underlayment
K00 - Spill Prevention - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I05 - Overfill - Vent Whistle
D00 - Pipe Type - No Piping
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
J00 - Dispenser - None

Tank Location: Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.

SUNOCO #0363-9598 (Continued) **U000387421**

Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	10/01/1995
Capacity Gallons:	280
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KCKEMP
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

J46 **SUNOCO SERVICE STATION** **RCRA NonGen / NLR** **1001028755**
SW **1701 ERIE BLVD E** **FINDS** **NYR000009878**
1/8-1/4 **SYRACUSE, NY 13210** **ECHO**
0.175 mi.
922 ft. **Site 2 of 4 in cluster J**

Relative: **Higher**
Actual: **420 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2007-01-01 00:00:00.0
Handler Name:	SUNOCO SERVICE STATION
Handler Address:	1701 ERIE BLVD E
Handler City,State,Zip:	SYRACUSE, NY 13210-1227
EPA ID:	NYR000009878
Contact Name:	Not reported
Contact Address:	MARKET ST - 13 10-PC
Contact City,State,Zip:	PHILADELPHIA, NY 19103-1699
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R7
Mailing Address:	MARKET ST - 13 10-PC
Mailing City,State,Zip:	PHILADELPHIA, NY 19103-1699
Owner Name:	ATLANTIC REFINING & MARKETING
Owner Type:	Private
Operator Name:	ATLANTIC REFINING & MARKETING
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No

SUNOCO SERVICE STATION (Continued) **1001028755**

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner

SUNOCO SERVICE STATION (Continued) **1001028755**

Owner/Operator Name:	ATLANTIC REFINING & MARKETING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1801 MARKET ST - 13 10-PC
Owner/Operator City,State,Zip:	PHILADELPHIA, PA 19103-1699
Owner/Operator Telephone:	215-246-8577
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ATLANTIC REFINING & MARKETING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1801 MARKET ST - 13 10-PC
Owner/Operator City,State,Zip:	PHILADELPHIA, PA 19103-1699
Owner/Operator Telephone:	215-246-8577
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ATLANTIC REFINING & MARKETING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1801 MARKET ST - 13 10-PC
Owner/Operator City,State,Zip:	PHILADELPHIA, PA 19103-1699
Owner/Operator Telephone:	215-246-8577
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-07-08 00:00:00.0
Handler Name:	SUNOCO SERVICE STATION
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-01-01 00:00:00.0
Handler Name:	SUNOCO SERVICE STATION
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

SUNOCO SERVICE STATION (Continued) **1001028755**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-01-01 00:00:00.0
Handler Name:	SUNOCO SERVICE STATION
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1995-07-31 00:00:00.0
Handler Name:	SUNOCO SERVICE STATION
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004516355

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

SUNOCO SERVICE STATION (Continued) **1001028755**

ECHO:
- Envid: 1001028755
- Registry ID: 110004516355
- DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004516355
- Name: SUNOCO SERVICE STATION
- Address: 1701 ERIE BLVD E
- City,State,Zip: SYRACUSE, NY 13210

J47 **BRISTOL MYERS** **NY LTANKS** **S102677756**
SSW **THOMPSON ROAD** **N/A**
1/8-1/4 **EAST SYRACUSE, NY**
0.180 mi.
952 ft. **Site 3 of 4 in cluster J**

Relative:
Higher

Actual:
427 ft.

LTANKS:
- Name: BRISTOL MYERS
- Address: THOMPSON ROAD
- City,State,Zip: EAST SYRACUSE, NY
- Spill Number/Closed Date: 8907449 / 1990-03-14
- Facility ID: 8907449
- Site ID: 327855
- Spill Date: 1989-10-24
- Spill Cause: Tank Overfill
- Spill Source: Commercial/Industrial
- Spill Class: Not reported
- Cleanup Ceased: 1990-03-14
- SWIS: 3400
- Investigator: VOLLMER
- Referred To: Not reported
- Reported to Dept: 1989-10-25
- CID: Not reported
- Water Affected: Not reported
- Spill Notifier: Responsible Party
- Last Inspection: Not reported
- Recommended Penalty: False
- Meets Standard: True
- UST Involvement: False
- Remediation Phase: 0
- Date Entered In Computer: 1989-11-08
- Spill Record Last Update: 1990-11-15
- Spiller Name: Not reported
- Spiller Company: BRISTOL MYERS
- Spiller Address: THOMPSON RD
- Spiller County: 001
- Spiller Contact: Not reported
- Spiller Phone: Not reported
- Spiller Extention: Not reported
- DEC Region: 7
- DER Facility ID: 277647
- DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was DV 03/14/90: RECD REPORT. "
- Remarks: "SPILL WENT OUTSIDE SPILL CONTROL DIKE. CLEANED UP."

All Materials:
- Site ID: 327855
- Operable Unit ID: 932469
- Operable Unit: 01
- Material ID: 444242

BRISTOL MYERS (Continued) **S102677756**

Material Code:	0032C
Material Name:	wood alcohol
Case No.:	00067561
Material FA:	Hazardous Material
Quantity:	75.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

K48 **CITY OF SYRACUSE DPW CROSSROADS YARD WASTE** **NY SWF/LF** **S116714892**
NE **100 CROSSROAD PARK** **N/A**
1/8-1/4 **SYRACUSE, NY 13210**
0.182 mi.
961 ft. **Site 1 of 6 in cluster K**

Relative:
Higher

Actual:
419 ft.

SWF/LF:

Name:	CITY OF SYRACUSE DPW CROSSROADS YARD WASTE
Address:	100 CROSSROAD PARK
City,State,Zip:	SYRACUSE, NY 13210
Flag:	INACTIVE
Region Code:	7
Phone Number:	3154488547
Owner Name:	City of Syracuse/Syracuse Industrial Development Association
Owner Type:	Municipal
Owner Address:	233 East Washington Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Syracuse, NY 13210
Owner Email:	Not reported
Owner Phone:	3154488100
Contact Name:	Robert F. Culkin
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	rculkin@syrgov.net
Contact Phone:	3154488547
Activity Desc:	Composting - yard waste - registration
Activity Number:	[34Y12]
Active:	No
East Coordinate:	409154
North Coordinate:	4767457
Accuracy Code:	1 - No accuracy stated
Regulatory Status:	Registration
Waste Type:	Yard Waste
Authorization #:	34Y12
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

L49 **337 RIEGEL AVE.** **NY LTANKS** **S100494587**
NNE **337 RIEGEL AVE** **N/A**
1/8-1/4 **SYRACUSE, NY**
0.186 mi.
980 ft. **Site 1 of 8 in cluster L**

Relative: **Higher**

Actual: **419 ft.**

LTANKS:

Name:	337 RIEGEL AVE.
Address:	337 RIEGEL AVE
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	9211478 / 1993-07-28
Facility ID:	9211478
Site ID:	134623
Spill Date:	1993-01-06
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	1993-07-28
SWIS:	3415
Investigator:	ROMOCKI
Referred To:	Not reported
Reported to Dept:	1993-01-06
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1993-01-07
Spill Record Last Update:	1994-09-09
Spiller Name:	Not reported
Spiller Company:	MR. LEO GINGRICH
Spiller Address:	112 MELVIN AVE.
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	7
DER Facility ID:	115669
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MR 01/07/93: CONTAMINATED SOIL TO BE EXCAVATED FROM SITE.CONFIRMATION SAMPLES TO BE COLLECTED. 01/07/93: REC'D TANK CLOSURE REPORTCONTAMINATED SOIL TO BE EXCAVATED FROM SITE.CONFIRMATION SAMPLES TO BE COLLECTED. 07/28/93: FILE REVIEWED BY R. BRAZELL AND DETERMINED THAT FILE MAY BE CLOSED. EXCAVATION TO BE CLOSED. "
Remarks:	"CONTAMINATED SOIL DISCOVERED AT 1K TANK REMOVAL.NUMEROUS HOLES OBSERVED IN TANK AFTER REMOVAL."

All Materials:

Site ID:	134623
Operable Unit ID:	978445
Operable Unit:	01
Material ID:	404878
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00

337 RIEGEL AVE. (Continued) **S100494587**

Units: G
Recovered: .00
Oxygenate: Not reported

L50 **MC'S + FIELDS TOWING** **NY SWF/LF** **S118461642**
NNE **337 RIEGEL STREET** **NY Spills** **N/A**
1/8-1/4 **SYRACUSE, NY 13206**
0.186 mi.
980 ft. **Site 2 of 8 in cluster L**

Relative:
Higher

Actual:
419 ft.

SWF/LF:

Name:	MC'S + FIELDS TOWING
Address:	337 RIEGEL STREET
City,State,Zip:	SYRACUSE, NY 13206
Flag:	INACTIVE
Region Code:	7
Phone Number:	3154759254
Owner Name:	Michael Cesta
Owner Type:	Private
Owner Address:	337 Riegel Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Syracuse, NY 13206
Owner Email:	mcstowing@aol.com
Owner Phone:	3159524884
Contact Name:	Michael Cesta
Contact Address:	337 Riegel Street
Contact Addr2:	Not reported
Contact City,St,Zip:	Syracuse, NY 13206
Contact Email:	mcstowing@aol.com
Contact Phone:	3159524884
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	[34J00]
Active:	No
East Coordinate:	409070
North Coordinate:	4767538
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Michael Cesta
Operator Type:	Private
Laste Date:	Not reported

SPILLS:

Name:	MC TOWING
Address:	337 RIEGEL ST
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	1510600 / 2016-02-01
Facility ID:	1510600
Facility Type:	ER
DER Facility ID:	476546
Site ID:	522289
DEC Region:	7
Spill Cause:	Housekeeping

MC'S + FIELDS TOWING (Continued) **S118461642**

Spill Class:	D3
SWIS:	3415
Spill Date:	2016-01-30
Investigator:	DJLASALL
Referred To:	Not reported
Reported to Dept:	2016-01-31
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2016-01-31
Spill Record Last Update:	2016-02-02
Spiller Name:	Not reported
Spiller Company:	MC TOWING
Spiller Address:	337 RIEGEL ST
Spiller Company:	999
Contact Name:	RICHIE THOMAS
DEC Memo:	"1/31/16- Site visit by DL. Site is fenced and locked. Referred to DLE for possible follow up."
Remarks:	"Stacked vehicles appear to be leaking various vehicle fluids."

All Materials:

Site ID:	522289
Operable Unit ID:	1271307
Operable Unit:	01
Material ID:	2275502
Material Code:	0015
Material Name:	motor oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Site ID:	522289
Operable Unit ID:	1271307
Operable Unit:	01
Material ID:	2275524
Material Code:	0021
Material Name:	transmission fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

L51 **SYRACUSE RIGGING** **NY LTANKS** **S101341601**
NNE **PEAT STREET/GREENWAY AVE** **N/A**
1/8-1/4 **SYRACUSE, NY**
0.188 mi.
995 ft. **Site 3 of 8 in cluster L**

Relative:
Higher

Actual:
419 ft.

LTANKS:

Name:	SYRACUSE RIGGING
Address:	PEAT STREET/GREENWAY AVE
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	9413575 / 1995-01-12
Facility ID:	9413575
Site ID:	330594
Spill Date:	1994-12-15
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	D4
Cleanup Ceased:	1994-01-12
SWIS:	3415
Investigator:	RJBRAZEL
Referred To:	Not reported
Reported to Dept:	1994-12-15
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1995-01-12
Spill Record Last Update:	1998-09-28
Spiller Name:	Not reported
Spiller Company:	SYRACUSE RIGGING
Spiller Address:	PEAT STREET/GREENWAY AVE.
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	7
DER Facility ID:	265917
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was RB 09/28/95: This is additional information about material spilled from the translation of the old spill file: FUEL OIL/ WASTE OIL."
Remarks:	"RESULTS OF PHASE II AUDIT REVEALED CONTAMINATED SOIL"

All Materials:

Site ID:	330594
Operable Unit ID:	1007148
Operable Unit:	01
Material ID:	372320
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

K52 **CSX TRANSPORTATION INC** **NJ MANIFEST** **S120679153**
NE **342 PEAT ST** **N/A**
1/8-1/4 **SYRACUSE, NY 13057**
0.194 mi.
1025 ft. **Site 2 of 6 in cluster K**

Relative:
Higher

Actual:
419 ft.

NJ MANIFEST:

EPA Id:	NYR000223560
Mail Address:	WATER ST - J-275
Mail City/State/Zip:	JACKSONVILLE, FL 32202
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	KIMBERLY R VAUGHN
Comments:	Not reported
SIC Code:	Not reported
County:	NY067
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	008896024FLE
EPA ID:	NYR000223560
Date Shipped:	12/2/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYR000115733
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported

CSX TRANSPORTATION INC (Continued) **S120679153**

Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	JACKSONVILLE, FL 32202
Reason Load Was Rejected:	Not reported

K53 **CSX TRANSPORTATION INC** **NY Spills** **S118261725**
NE **342 PEAT ST** **NY MANIFEST** **N/A**
1/8-1/4 **SYRACUSE, NY 13057**
0.194 mi.
1025 ft. **Site 3 of 6 in cluster K**

Relative:
Higher

Actual:
419 ft.

SPILLS:

Name:	SYRACUSE RAIL YARD
Address:	342 PEAT ST
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	1506536 / 2015-09-21
Facility ID:	1506536
Facility Type:	ER
DER Facility ID:	460806
Site ID:	513956
DEC Region:	7
Spill Cause:	Equipment Failure
Spill Class:	D4
SWIS:	3415
Spill Date:	2015-09-20
Investigator:	DJLASALL
Referred To:	Not reported
Reported to Dept:	2015-09-20
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Railroad Car
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2015-09-20
Spill Record Last Update:	2015-09-21
Spiller Name:	JASON BASSETT
Spiller Company:	CSX
Spiller Address:	342 PEAT ST
Spiller Company:	999
Contact Name:	JASON BASSETT
DEC Memo:	""
Remarks:	"Clean up is complete."

All Materials:

Site ID:	513956
Operable Unit ID:	1263167
Operable Unit:	01
Material ID:	2266823
Material Code:	0013
Material Name:	lube oil

CSX TRANSPORTATION INC (Continued) **S118261725**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.50
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

NY MANIFEST:

Name:	CSX TRANSPORTATION INC
Address:	342 PEAT ST
City,State,Zip:	SYRACUSE, NY 13057
Country:	USA
EPA ID:	NYR000223560
Facility Status:	Not reported
Location Address 1:	342 PEAT ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	SYRACUSE
Location State:	NY
Location Zip:	13057
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000223560
Mailing Name:	CSX TRANSPORTATION INC
Mailing Contact:	CSX TRANSPORTATION INC
Mailing Address 1:	1 BELL CROSSING RD
Mailing Address 2:	Not reported
Mailing City:	SELKIRK
Mailing State:	NY
Mailing Zip:	12158
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	5187676290

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	NYR000115733
Trans2 State ID:	NJ0000027193
Generator Ship Date:	12/02/2015
Trans1 Recv Date:	12/02/2015
Trans2 Recv Date:	12/08/2015
TSD Site Recv Date:	12/16/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000223560
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	008896024FLE
Import Indicator:	N

CSX TRANSPORTATION INC (Continued) **S118261725**

Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H061
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	80
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D006
Waste Code 1_2:	D008
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

K54 **CSX TRANSPORTATION INC** **RCRA-VSQG** **1018159251**
NE **342 PEAT ST** **FINDS** **NYR000223560**
1/8-1/4 **SYRACUSE, NY 13057** **ECHO**
0.194 mi.
1025 ft. **Site 4 of 6 in cluster K**

Relative: **Higher**
Actual: **419 ft.**

RCRA-VSQG:

Date Form Received by Agency:	2017-11-08 00:00:00.0
Handler Name:	CSX TRANSPORTATION INC
Handler Address:	342 PEAT ST
Handler City,State,Zip:	SYRACUSE, NY 13057
EPA ID:	NYR000223560
Contact Name:	KIMBERLY R VAUGHN
Contact Address:	WATER ST J-275
Contact City,State,Zip:	JACKSONVILLE, FL 32202
Contact Telephone:	904-366-4174
Contact Fax:	Not reported
Contact Email:	KIM_VAUGHN@CSX.COM
Contact Title:	MANAGER ENVIRONMENTAL PROGRAMS
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R7

CSX TRANSPORTATION INC (Continued) **1018159251**

Mailing Address:	WATER ST J-275
Mailing City,State,Zip:	JACKSONVILLE, FL 32202
Owner Name:	CSX TRANSPORTATION INC
Owner Type:	Private
Operator Name:	CSX TRANSPORTATION INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2017-11-08 14:39:36.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No

CSX TRANSPORTATION INC (Continued) **1018159251**

Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: Not reported

Hazardous Waste Summary:
Waste Code: D006
Waste Description: CADMIUM

Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: CSX TRANSPORTATION INC
Legal Status: Private
Date Became Current: 1983-08-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CSX TRANSPORTATION INC
Legal Status: Private
Date Became Current: 1983-08-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 500 WATER ST J-275
Owner/Operator City,State,Zip: JACKSONVILLE, FL 32202
Owner/Operator Telephone: 904-366-4174
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: KIM_VAUGHN@CSX.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: CSX TRANSPORTATION INC
Legal Status: Private
Date Became Current: 1983-08-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 500 WATER ST J-275
Owner/Operator City,State,Zip: JACKSONVILLE, FL 32202
Owner/Operator Telephone: 904-366-4174
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CSX TRANSPORTATION INC
Legal Status: Private
Date Became Current: 1983-08-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported

CSX TRANSPORTATION INC (Continued) **1018159251**

Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CSX TRANSPORTATION INC
Legal Status:	Private
Date Became Current:	1983-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	500 WATER ST J-275
Owner/Operator City,State,Zip:	JACKSONVILLE, FL 32202
Owner/Operator Telephone:	904-366-4174
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CSX TRANSPORTATION INC
Legal Status:	Private
Date Became Current:	1983-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	500 WATER ST J-275
Owner/Operator City,State,Zip:	JACKSONVILLE, FL 32202
Owner/Operator Telephone:	904-366-4174
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	KIM_VAUGHN@CSX.COM

Historic Generators:

Receive Date:	2017-04-18 00:00:00.0
Handler Name:	CSX TRANSPORTATION INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2017-11-08 00:00:00.0
Handler Name:	CSX TRANSPORTATION INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

CSX TRANSPORTATION INC (Continued) **1018159251**

Receive Date:	2015-10-27 00:00:00.0
Handler Name:	CSX TRANSPORTATION INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	482111
NAICS Description:	LINE-HAUL RAILROADS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID:	110066948575

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1018159251
Registry ID:	110066948575
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110066948575
Name:	CSX TRANSPORTATION INC
Address:	342 PEAT ST
City,State,Zip:	SYRACUSE, NY 13057

K55 **CONRAIL MAINT SHOP** **NY LTANKS** **U003078242**
NE **342 PEAT STREET** **NY Spills** **N/A**
1/8-1/4 **SYRACUSE, NY**
0.194 mi.
1025 ft. **Site 5 of 6 in cluster K**

Relative:
Higher

Actual:
419 ft.

LTANKS:

Name:	CONRAIL PEAT ST.
Address:	342 PEAT STREET
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	9107749 / 1991-11-04
Facility ID:	9107749
Site ID:	239107
Spill Date:	1991-10-18
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	1991-11-04
SWIS:	3415
Investigator:	MENASH
Referred To:	Not reported
Reported to Dept:	1991-10-21
CID:	Not reported
Water Affected:	1
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1991-10-21
Spill Record Last Update:	1994-03-03
Spiller Name:	Not reported
Spiller Company:	CONRAIL
Spiller Address:	6 PENN CENTER ROOM 631
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	7
DER Facility ID:	92583
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MN 11/04/91: SITE VISIT CONFIRMED NO VISIBLE CONTAMINATION. "
Remarks:	"1K TANK #41 TO BE REMOVED 11/6/91 BY E.R.M. ENVIROCLEAN NORTHEAST."

All Materials:

Site ID:	239107
Operable Unit ID:	958205
Operable Unit:	01
Material ID:	419938
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

CONRAIL MAINT SHOP (Continued) **U003078242**

SPILLS:

Name:	CONRAIL MAINT SHOP
Address:	342 PEAT STREET
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	8906300 / 1991-06-07
Facility ID:	8906300
Facility Type:	ER
DER Facility ID:	92583
Site ID:	104875
DEC Region:	7
Spill Cause:	Deliberate
Spill Class:	Not reported
SWIS:	3415
Spill Date:	1989-09-26
Investigator:	VOLLMER
Referred To:	Not reported
Reported to Dept:	1989-09-26
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Citizen
Cleanup Ceased:	1989-09-29
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1989-10-11
Spill Record Last Update:	1994-03-03
Spiller Name:	Not reported
Spiller Company:	CONRAIL
Spiller Address:	342 PEAT ST
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DV 02/06/90: CLEAN UP BY SPILLER. DEC FUNDS EXPENDED ON SAMPLING. ECO SERVADEO STIPULATION FOR $2000. "
Remarks:	"DUMPING DRUMS IN BACK OF MAINTAINENCE SHOP."

All Materials:

Site ID:	104875
Operable Unit ID:	933947
Operable Unit:	01
Material ID:	446702
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	550.00
Units:	G
Recovered:	500.00
Oxygenate:	Not reported

K56 **PEAT ST M/W FACILITY** **NY TANKS** **S118708726**
NE **342 PEAT ST** **NY Spills** **N/A**
1/8-1/4 **SYRACUSE, NY 13214**
0.194 mi.
1025 ft. **Site 6 of 6 in cluster K**

Relative:
Higher

Actual:
419 ft.

TANKS:

Name:	PEAT ST M/W FACILITY
Address:	342 PEAT ST
City,State,Zip:	SYRACUSE, NY 13214
Facility Id:	7-600022
Region:	STATE
DEC Region:	7
Site Status:	Active
Program Type:	PBS
Expiration Date:	06/20/2021
UTM X:	409155.88034
UTM Y:	4767470.17769

SPILLS:

Name:	COMMERCIAL
Address:	342 PEAT ST
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	1702261 / 2017-09-05
Facility ID:	1702261
Facility Type:	ER
DER Facility ID:	504024
Site ID:	550400
DEC Region:	7
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	3415
Spill Date:	2017-06-07
Investigator:	DGMILLER
Referred To:	Not reported
Reported to Dept:	2017-06-07
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2017-06-07
Spill Record Last Update:	2017-09-05
Spiller Name:	Not reported
Spiller Company:	CSX
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	JOE CACCAMO
DEC Memo:	"EPS is facilitating clean up waiting for disposal before closing spill Spill cleaned up. Will close as meeting standards once disposal is recieved"
Remarks:	"The spill was over concrete. The cleanup is pending."

All Materials:

PEAT ST M/W FACILITY (Continued) **S118708726**

Site ID:	550400
Operable Unit ID:	1298488
Operable Unit:	01
Material ID:	2304683
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

J57 **KASSEL AUTO PARTS OF SYRACUSE INC** **NY SWF/LF** **S108059573**
SW **121 TEALL AVENUE** **NY LTANKS** **N/A**
1/8-1/4 **SYRACUSE, NY 13210**
0.199 mi.
1049 ft. **Site 4 of 4 in cluster J**

Relative: SWF/LF:
Higher

Name:	AAA AUTO PARTS INC
Address:	121 TEALL AVENUE
City,State,Zip:	SYRACUSE, NY 13210
Flag:	INACTIVE
Region Code:	7
Phone Number:	Not reported
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	Not reported
Active:	No
East Coordinate:	Not reported
North Coordinate:	Not reported
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

Actual:
421 ft.

Name:	KASSEL AUTO PARTS OF SYRACUSE INC
Address:	121 TEALL AVENUE
City,State,Zip:	SYRACUSE, NY 13210

KASSEL AUTO PARTS OF SYRACUSE INC (Continued) **S108059573**

Flag:	INACTIVE
Region Code:	7
Phone Number:	Not reported
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	Not reported
Active:	No
East Coordinate:	Not reported
North Coordinate:	Not reported
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

LTANKS:

Name:	FORMER KASSEL AUTO PARTS
Address:	121 TEALL AVE
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	0650669 / 2007-01-03
Facility ID:	0650669
Site ID:	367557
Spill Date:	2006-06-29
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	D3
Cleanup Ceased:	Not reported
SWIS:	3415
Investigator:	RJBRAZEL
Referred To:	Not reported
Reported to Dept:	2006-06-29
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	DEC
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-07-24
Spill Record Last Update:	2007-01-04

KASSEL AUTO PARTS OF SYRACUSE INC (Continued) **S108059573**

Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	Not reported
Spiller Contact:	PAUL FISHER
Spiller Phone:	(316)5668-9629
Spiller Extention:	Not reported
DEC Region:	7
DER Facility ID:	317543
DEC Memo:	""
Remarks:	"Phase II investigation discovered petroleum contamination"

All Materials:

Site ID:	367557
Operable Unit ID:	1125457
Operable Unit:	01
Material ID:	2114968
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	1.00
Oxygenate:	False

58
ESE
1/8-1/4
0.200 mi.
1057 ft.

ERIE BLVD **NY LTANKS** **S105995617**
2000 ERIE BL EAST **N/A**
SYRACUSE, NY

Relative:
Higher

Actual:
436 ft.

LTANKS:

Name:	ERIE BLVD
Address:	2000 ERIE BL EAST
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	0200422 / 2003-11-05
Facility ID:	0200422
Site ID:	263429
Spill Date:	2002-04-12
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	3415
Investigator:	CFMANNES
Referred To:	Not reported
Reported to Dept:	2002-04-12
CID:	211
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-04-12

ERIE BLVD (Continued) **S105995617**

Spill Record Last Update:	2003-11-05
Spiller Name:	Not reported
Spiller Company:	DOMINICK CASSONE
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	COREY WOLFE
Spiller Phone:	(315) 454-4435
Spiller Extention:	136
DEC Region:	7
DER Facility ID:	214750
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was CM "
Remarks:	"CALLER DOING TANK REMOVAL AND DISCOVERED SOIL CONTAMINATION"

All TTF:

Facility ID:	0200422
Spill Number:	0200422
Spill Tank Test:	1527035
Site ID:	263429
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	263429
Operable Unit ID:	851424
Operable Unit:	01
Material ID:	521865
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

M59 **FORMER NEW YORK TELEPHONE GARAGE** **NY UST** **U004251104**
SSW **1720 ERIE BLVD EAST** **N/A**
1/8-1/4 **SYRACUSE, NY 13210**
0.201 mi.
1062 ft. **Site 1 of 2 in cluster M**

Relative:
Higher

Actual:
434 ft.

UST:

Name:	FORMER NEW YORK TELEPHONE GARAGE
Address:	1720 ERIE BLVD EAST
City,State,Zip:	SYRACUSE, NY 13210
Id/Status:	7-601569 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	7
Expiration Date:	N/A
UTM X:	408732.04364
UTM Y:	4766896.05563
Site Type:	Utility (Other than Municipal)

Tank Info:

Tank Number:	001
Tank ID:	261622
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	Not reported
Date Tank Closed:	05/10/2016
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	KCKEMP
Last Modified:	04/14/2017

Tank Number:	002
Tank ID:	261692
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	2000
Install Date:	Not reported
Date Tank Closed:	05/10/2016
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	KCKEMP
Last Modified:	04/14/2017

Tank Number:	003
Tank ID:	261693
Tank Status:	Closed - Removed

FORMER NEW YORK TELEPHONE GARAGE (Continued) **U004251104**

Material Name:	Closed - Removed
Capacity Gallons:	2000
Install Date:	Not reported
Date Tank Closed:	05/10/2016
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	KCKEMP
Last Modified:	04/14/2017

N60 **U-HAUL ON TEAL AVE** **NY LTANKS** **S100560455**
West **TEAL AND 1001 CANAL ST** **N/A**
1/8-1/4 **SYRACUSE, NY**
0.202 mi.
1065 ft. **Site 1 of 6 in cluster N**

Relative: LTANKS:
Higher

Name:	U-HAUL ON TEAL AVE
Address:	TEAL AND 1001 CANAL ST
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	9306127 / 1993-12-31
Facility ID:	9306127
Site ID:	320943
Spill Date:	1993-08-12
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	1993-12-31
SWIS:	3415
Investigator:	CFMANNES
Referred To:	Not reported
Reported to Dept:	1993-08-12
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1993-08-24
Spill Record Last Update:	1995-01-09
Spiller Name:	Not reported
Spiller Company:	U-HAUL INC.
Spiller Address:	8045 PITTSFORD-VICTOR RD.
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	7
DER Facility ID:	258558
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was CM 08/12/93: SITE VISIT:9:45AM,. 09/28/95: This is additional information about material spilled from the translation of the old

Actual:
418 ft.

U-HAUL ON TEAL AVE (Continued) **S100560455**

spill file: 2 TANKS PULLED."
Remarks: "TANK REMOVAL: CORTLAND PUMP DOING WORK, INSTRUCTED TO SOIL SAMPLES AT TANK PITS 2K & 4K."

All Materials:
Site ID: 320943
Operable Unit ID: 987497
Operable Unit: 01
Material ID: 396021
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

N61 **U-HAUL CENTER OF TEALL AVE.** **NY UST** **U001848296**
West **1001 CANAL ST** **N/A**
1/8-1/4 **SYRACUSE, NY 13210**
0.202 mi.
1065 ft. **Site 2 of 6 in cluster N**

Relative: **Higher**
Actual: **418 ft.**

UST:
Name: U-HAUL CENTER OF TEALL AVE.
Address: 1001 CANAL ST
City,State,Zip: SYRACUSE, NY 13210
Id/Status: 7-020656 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 7
Expiration Date: N/A
UTM X: 408586.57308
UTM Y: 4767259.64652
Site Type: Retail Gasoline Sales

Affiliation Records:
Site Id: 44083
Affiliation Type: Facility Owner
Company Name: U-HAUL CO. OF CENTRAL NEW YORK
Contact Type: Not reported
Contact Name: Not reported
Address1: 8045 PITTSFORD/VICTOR RD.
Address2: Not reported
City: VICTOR
State: NY
Zip Code: 14564
Country Code: 001
Phone: (716) 425-8730
EMail: Not reported
Fax Number: Not reported
Modified By: THKNIZEK
Date Last Modified: 2010-12-01

Site Id: 44083
Affiliation Type: Mail Contact
Company Name: U-HAUL CO. OF CENTRAL NEW YORK

U-HAUL CENTER OF TEALL AVE. (Continued) **U001848296**

Contact Type:	Not reported
Contact Name:	DAVID PRINDLE
Address1:	8045 PITTSFORD/VICTOR RD.
Address2:	Not reported
City:	VICTOR
State:	NY
Zip Code:	14564
Country Code:	001
Phone:	(716) 425-8730
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	44083
Affiliation Type:	Facility Operator
Company Name:	U-HAUL CENTER OF TEALL AVE.
Contact Type:	Not reported
Contact Name:	TEALL AVE. U-HAUL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(315) 474-2923
EMail:	Not reported
Fax Number:	Not reported
Modified By:	THKNIZEK
Date Last Modified:	2010-12-01

Site Id:	44083
Affiliation Type:	Emergency Contact
Company Name:	U-HAUL CO. OF CENTRAL NEW YORK
Contact Type:	Not reported
Contact Name:	JIMMIE BROWN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(315) 656-2302
EMail:	Not reported
Fax Number:	Not reported
Modified By:	THKNIZEK
Date Last Modified:	2010-12-01

Tank Info:

Tank Number:	001
Tank ID:	126339
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	06/01/1976
Date Tank Closed:	08/01/1993

U-HAUL CENTER OF TEALL AVE. (Continued) **U001848296**

Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	05
Date Test:	09/01/1990
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

I00 - Overfill - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None

Tank Number:	002
Tank ID:	126340
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	2000
Install Date:	Not reported
Date Tank Closed:	08/01/1993
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0000
Common Name of Substance:	Empty
Tightness Test Method:	05
Date Test:	12/01/1987
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well
I00 - Overfill - None
G00 - Tank Secondary Containment - None

N62 **SYRACUSE DPW - CANAL ST.** **NY LTANKS** **S100129690**
West **CANAL STREET** **N/A**
1/8-1/4 **SYRACUSE, NY**
0.211 mi.
1115 ft. **Site 3 of 6 in cluster N**

Relative: **Higher**

Actual: **417 ft.**

LTANKS:

Name:	SYRACUSE DPW - CANAL ST.
Address:	CANAL STREET
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	8606405 / 1991-04-30
Facility ID:	8606405
Site ID:	107097
Spill Date:	1987-01-14
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	A3
Cleanup Ceased:	1991-04-30
SWIS:	3415
Investigator:	HDWARNER
Referred To:	Not reported
Reported to Dept:	1987-01-14
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1987-02-09
Spill Record Last Update:	1995-04-11
Spiller Name:	Not reported
Spiller Company:	SYRACUSE DPW
Spiller Address:	CANAL STREET
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	7
DER Facility ID:	94210
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was HW / / : FAILURE RATE OF .08 PER GAL./HR IN LINE. / / : RECOVERY SYSTEM WAS TO BE INSTALLED. NEEDS FOLLOW UP. 05/19/88: 4 SAMPLES COLLECTED FOR 503.1 ANALYSES. 03/16/90: MAROSS ON SITE EXCAVATING FOR NEW STORAGE FACILITY. NEW FACILITY IS UP GRADIENT FROM CONTAMINATION PROBLEM. SAMPLE RESULTS INDICATE DEWATERING WILL NOT BE A PROBLEM. 04/12/91: NEW FACILITY INSTALLED BY MAROSS OLD FUEL STORAGE AREA HAS BEEN EXCAVATED. APPROX 150YDS OF CONTAMINATED SOIL HAS BEEN STOCKPILED ONSITE. CITY WILL SAMPLE SOIL AND ARRANGE FOR FUTURE DISPOSITION. 06/28/91: SPOKE WITH PETE MARSHALL ABOUT CONTAMINATED SOIL WHICH REMAINS ON SITE. THEY WILL SAMPLE TO DETERMINE FUTURE DEPOSITION OF SOIL. THEY ARE LOOKING INTO COLD MIXING SOIL INTO ASHPHALT. 09/10/91: SITE VIST HEAVY OIL DISCHARGE FOUND IN DRAINAGE DITCH ALONG CANAL STSPOKE TO VITO SCIOLLI REQUESTED THAT REMOVAL OF PRODUCT BEGIN.SITE VISIT 9/10/91 CONDITION OF DITCH GREATLY IMPROVED. 06/27/92: SITE VIST LIGHT OIL DISCHARGE FOUND IN DRAINAGE DITCH ALONG CANAL STOIL APPEARS TO BE CONTAINED BEHIND SEPARATOR BUILT BY CITY. 06/27/92: SITE VIST LIGHT OIL DISCHARGE FOUND IN DRAINAGE DITCH ALONG

SYRACUSE DPW - CANAL ST. (Continued) **S100129690**

Remarks: CANAL SOIL APPEARS TO BE CONTAINED BEHIND SEPARATOR BUILT BY CITY. " "LINE LEAK FOUND DURING SYSTEM TEST. INVESTIGATION DID NOT UNCOVER MAJOR FREE PRODUCT PROBLEM. NEW PETRO STORAGE SYSTEM BEING INSTALLED SPRING 90."

All Materials:

Site ID:	107097
Operable Unit ID:	903986
Operable Unit:	01
Material ID:	475528
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

N63 **SYRACUSE DPW** **NY LTANKS** **S100158072**
West **L200 W. CANAL ST** **N/A**
1/8-1/4 **SYRACUSE, NY**
0.211 mi.
1115 ft. **Site 4 of 6 in cluster N**

Relative: **Higher**

Actual: **417 ft.**

LTANKS:

Name:	SYRACUSE DPW
Address:	L200 W. CANAL ST
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	8606593 / 1987-12-31
Facility ID:	8606593
Site ID:	255795
Spill Date:	1987-01-26
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Not reported
Cleanup Ceased:	1987-12-31
SWIS:	3415
Investigator:	HDWARNER
Referred To:	Not reported
Reported to Dept:	1987-01-27
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1987-02-10
Spill Record Last Update:	1988-01-19
Spiller Name:	Not reported
Spiller Company:	SYRACUSE DPW GARAGE
Spiller Address:	1200 W. CANAL ST.
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported

SYRACUSE DPW (Continued) **S100158072**

Spiller Extention:	Not reported
DEC Region:	7
DER Facility ID:	209498
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was HW / / : GENE HICKS OF INTERFACE SERVICES 315-451-7753. / / : SEE SPILL NO. 866405. CLEAN UP COMPLETE.-7753. 03/01/88: RECOVERY SYSTEM IN PLACE. 03/06/89: SEE SPILL # 8606405. "
Remarks:	"LINE TEST FAILURE (REMOTE LINE) .036 GALS./HR FAILURE RATE."

All Materials:

Site ID:	255795
Operable Unit ID:	904190
Operable Unit:	01
Material ID:	472158
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

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64 **AMERICAN DISPOSAL** **NY LTANKS** **S100129747**
WNW **EAST JAMES STREET** **N/A**
1/8-1/4 **SYRACUSE, NY**
0.218 mi.
1151 ft.

Relative: **Higher**

Actual: **425 ft.**

LTANKS:

Name:	AMERICAN DISPOSAL
Address:	EAST JAMES STREET
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	8709494 / 2003-10-22
Facility ID:	8709494
Site ID:	318718
Spill Date:	1988-02-08
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	3415
Investigator:	ROMOCKI
Referred To:	Not reported
Reported to Dept:	1988-02-08
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1988-02-22
Spill Record Last Update:	2003-10-22
Spiller Name:	Not reported
Spiller Company:	AMERICAN DISPOSAL

AMERICAN DISPOSAL (Continued) **S100129747**

Spiller Address:	EAST JAMES ST.
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	7
DER Facility ID:	256919
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MR 05/15/89: REFERRED TO ATTY FOR FOLLOWUP. 06/29/89: OWNER CALLED. AGREED TO EXCAVATE TEST PIT. WILL CALL BY MID JULY. 04/09/90: CALL TO C& H ENG. INDICATES THAT ANALYSIS FROM SAMPLING IS COMPLETE.INFORMATION NEEDS TO BE REQUESTED FROM MR. TRIPOLI BY THE LEGAL DEPT. 12/20/90: TEST PIT REVEALED SOIL CONT IN TANK HOLE. TIGHT SOIL ADJACENT. RECOMMEND SOIL EXCAVATION. CONSENT ORDER STILL PENDINF,. 07/05/91: WAITING FOR DATA FROM SAMPLING 12/23/90.NOTIFIED LEGAL DEPT. TO REQUEST THAT INFORMATION TO CLOSE FILE NEEDS TO BE SUBMITTED. "
Remarks:	"2,000 GAL. TANK. GROSS LEAK RATE. WILL EXCAVATE & RETEST."

All Materials:

Site ID:	318718
Operable Unit ID:	914584
Operable Unit:	01
Material ID:	464819
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	25.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

M65 **1700 ERIE BLVD. E. INC.** **NY UST** **U003153322**
SSW **1700 ERIE BLVD EAST** **N/A**
1/8-1/4 **SYRACUSE, NY 13210**
0.220 mi.
1164 ft. **Site 2 of 2 in cluster M**

Relative:
Higher

Actual:
429 ft.

UST:

Name:	1700 ERIE BLVD. E. INC.
Address:	1700 ERIE BLVD EAST
City,State,Zip:	SYRACUSE, NY 13210
Id/Status:	7-600506 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	7
Expiration Date:	N/A
UTM X:	408696.23702
UTM Y:	4766920.66467
Site Type:	Other

Affiliation Records:

Site Id:	46944
Affiliation Type:	Facility Owner
Company Name:	1700 ERIE BLVD. E. INC.
Contact Type:	Not reported
Contact Name:	Not reported

1700 ERIE BLVD. E. INC. (Continued) **U003153322**

Address1:	36 PELL ST.
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10013
Country Code:	001
Phone:	(212) 274-8383
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	46944
Affiliation Type:	Mail Contact
Company Name:	1700 ERIE BLVD. E. INC.
Contact Type:	Not reported
Contact Name:	PAUL S. CHU
Address1:	36 PELL ST.
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10013
Country Code:	001
Phone:	(212) 274-8383
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	46944
Affiliation Type:	Facility Operator
Company Name:	1700 ERIE BLVD. E. INC.
Contact Type:	Not reported
Contact Name:	CHUCK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(315) 458-1800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	46944
Affiliation Type:	Emergency Contact
Company Name:	1700 ERIE BLVD. E. INC.
Contact Type:	Not reported
Contact Name:	CHUCK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001

1700 ERIE BLVD. E. INC. (Continued) **U003153322**

Phone: (315) 458-1800
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 137884
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 8000
Install Date: Not reported
Date Tank Closed: 11/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground

Tank Number: 002
Tank ID: 137885
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 8000
Install Date: Not reported
Date Tank Closed: 11/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT

1700 ERIE BLVD. E. INC. (Continued) **U003153322**

Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I00 - Overfill - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number: 003
Tank ID: 137886
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: Not reported
Date Tank Closed: 11/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number: 004
Tank ID: 138449
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: Not reported
Date Tank Closed: 11/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN

1700 ERIE BLVD. E. INC. (Continued) **U003153322**

Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None

Tank Number: 005
Tank ID: 138450
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: Not reported
Date Tank Closed: 11/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None

Tank Number: 006
Tank ID: 138451
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 11/01/1997
Registered: True

1700 ERIE BLVD. E. INC. (Continued) **U003153322**

Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None

L66 **NYSDEC REGION 7** **PA MANIFEST** **S110049476**
NNE **1504 BURNET AVE** **N/A**
1/8-1/4 **SYRACUSE, NY 13206**
0.224 mi.
1184 ft. **Site 4 of 8 in cluster L**

Relative:
Higher

Actual:
423 ft.

Manifest Details:

Year:	2008
Manifest Number:	000272708FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYP000962787
Generator Date:	01/19/2008
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	315-426-7464
TSD EPA Id:	PAD067098822
TSD Date:	Not reported
TSD Facility Name:	CYCLE CHEM INC
TSD Facility Address:	550 INDUSTRIAL DRIVE
TSD Facility City:	LEWISBERRY
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D008
Container Number:	4
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	1200
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	Not reported
Date TSP Sig:	Not reported
Year:	2008

NYSDEC REGION 7 (Continued) **S110049476**

Manifest Number:	000272708FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYP000962787
Generator Date:	01/19/2008
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	315-426-7464
TSD EPA Id:	PAD067098822
TSD Date:	Not reported
TSD Facility Name:	CYCLE CHEM INC
TSD Facility Address:	550 INDUSTRIAL DRIVE
TSD Facility City:	LEWISBERRY
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	U019
Container Number:	4
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	1200
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	Not reported
Date TSP Sig:	Not reported

Year:	2008
Manifest Number:	000272708FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYP000962787
Generator Date:	01/19/2008
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	315-426-7464
TSD EPA Id:	PAD067098822
TSD Date:	Not reported
TSD Facility Name:	CYCLE CHEM INC
TSD Facility Address:	550 INDUSTRIAL DRIVE
TSD Facility City:	LEWISBERRY
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D001
Container Number:	4
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	1200
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	Not reported
Date TSP Sig:	Not reported

Year:	2008
Manifest Number:	000272708FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYP000962787

NYSDEC REGION 7 (Continued) **S110049476**

Generator Date:	01/19/2008
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	315-426-7464
TSD EPA Id:	PAD067098822
TSD Date:	Not reported
TSD Facility Name:	CYCLE CHEM INC
TSD Facility Address:	550 INDUSTRIAL DRIVE
TSD Facility City:	LEWISBERRY
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D039
Container Number:	4
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	1200
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	Not reported
Date TSP Sig:	Not reported

L67 **PASCARELLA'S TOWING** **NY SWF/LF** **S108982931**
NNE **1504 BURNET AVE** **NY Spills** **N/A**
1/8-1/4 **SYRACUSE, NY 13206** **NY MANIFEST**
0.224 mi.
1184 ft. **Site 5 of 8 in cluster L**

Relative: **Higher**

Actual: **423 ft.**

SWF/LF:

Name:	PASCARELLA'S TOWING SERVICE LLC
Address:	1504 BURNET AVENUE
City,State,Zip:	SYRACUSE, NY 13206
Flag:	ACTIVE
Region Code:	7
Phone Number:	3154787770
Owner Name:	Gaspare Pascarella
Owner Type:	Private
Owner Address:	1402 Allen Road
Owner Addr2:	Not reported
Owner City,St,Zip:	Syracuse, NY 13212
Owner Email:	mpascarrella77@gmail.com
Owner Phone:	3154573540
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Motor vehicle repair shop - small - registration
Activity Number:	[34V10050]
Active:	Yes
East Coordinate:	409080
North Coordinate:	4767607
Accuracy Code:	Not reported
Regulatory Status:	Registration
Waste Type:	End of Life Vehicles
Authorization #:	34V10050

PASCARELLA'S TOWING (Continued) **S108982931**

Authorization Date: 2/25/2019
Expiration Date: 2/25/2024
Operator Name: Gaspare Pascarella
Operator Type: Private
Laste Date: 12/5/2017

SPILLS:

Name:	PASCARELLA'S TOWING
Address:	1504 BURNET AVE
City,State,Zip:	SYRACUSE, NY 13206
Spill Number/Closed Date:	0751370 / 2008-09-01
Facility ID:	0751370
Facility Type:	ER
DER Facility ID:	342094
Site ID:	392496
DEC Region:	7
Spill Cause:	Other
Spill Class:	A2
SWIS:	3415
Spill Date:	2008-01-19
Investigator:	kckemp
Referred To:	DLE
Reported to Dept:	2008-01-19
CID:	Not reported
Water Affected:	NONE
Spill Source:	Commercial/Industrial
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	2008-01-19
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-01-19
Spill Record Last Update:	2008-09-16
Spiller Name:	Not reported
Spiller Company:	PASCARELLA"S TOWING
Spiller Address:	1504 BURNET AVE
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"DEC has collected samples of waste oil to run for flash. Op-Tech Environmental called to cleanup. Two automobile gas tanks behind building. Suspect that waste oil tank is not registered with DEC"
Remarks:	"Waste oil furnance at garage exploded and caused fire. Approximately 300 gallons of waste oil leaked to floor and some to back parking lot. Odor of gasoline in the garage. Syracuse Haz Mat called DEC Hotline but kept getting a busy signal."

All Materials:

Site ID:	392496
Operable Unit ID:	1149495
Operable Unit:	01
Material ID:	2140020
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum

PASCARELLA'S TOWING (Continued) **S108982931**

Quantity:	120.00
Units:	G
Recovered:	110.00
Oxygenate:	Not reported

NY MANIFEST:

Name:	NYSDEC 7
Address:	1504 BURNET AVE
City,State,Zip:	SYRACUSE, NY 13206
Country:	USA
EPA ID:	NYP000962787
Facility Status:	Not reported
Location Address 1:	1504 BURNET AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	SYRACUSE
Location State:	NY
Location Zip:	13206
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP000962787
Mailing Name:	NYSDEC 7
Mailing Contact:	NYSDEC 7
Mailing Address 1:	615 ERIE BLVD WEST
Mailing Address 2:	Not reported
Mailing City:	SYRAUSE
Mailing State:	NY
Mailing Zip:	13204
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	3154267464

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	NYD986980753
Trans2 State ID:	Not reported
Generator Ship Date:	01/19/2008
Trans1 Recv Date:	01/19/2008
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/15/2008
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP000962787
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	PAD067098822
TSDF ID 2:	Not reported
Manifest Tracking Number:	000272708FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N

PASCARELLA'S TOWING (Continued) **S108982931**

Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1200
Units:	P - Pounds
Number of Containers:	4
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	D008
Waste Code 1_3:	D039
Waste Code 1_4:	U019
Waste Code 1_5:	U210
Waste Code 1_6:	Not reported

L68 **NEW YORK STATE DEPT OF CONSERVATION REGION 7 NYSDE** **RCRA NonGen / NLR** **1014395181**
NNE **1504 BURNET AVE** **NYP000962779**
1/8-1/4 **SYRACUSE, NY 13206**
0.224 mi.
1184 ft. **Site 6 of 8 in cluster L**

Relative: **Higher**
Actual: **423 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2008-02-05 00:00:00.0
Handler Name:	NEW YORK STATE DEPT OF CONSERVATION REGION 7 NYSDE
Handler Address:	1504 BURNET AVE
Handler City,State,Zip:	SYRACUSE, NY 13206
EPA ID:	NYP000962779
Contact Name:	KEVIN KEMP
Contact Address:	ERIE BLVD WEST
Contact City,State,Zip:	SYRACUSE, NY 13204
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	315-426-7519
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R7
Mailing Address:	ERIE BLVD WEST
Mailing City,State,Zip:	SYRACUSE, NY 13204

NEW YORK STATE DEPT OF CONSERVATION REGION 7 NYSDEC R7 (Continued) **1014395181**

Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported

NEW YORK STATE DEPT OF CONSERVATION REGION 7 NYSDEC R7 (Continued) **1014395181**

Manifest Broker: Not reported
Sub-Part P Indicator: Not reported

Historic Generators:
Receive Date: 2008-02-05 00:00:00.0
Handler Name: NEW YORK STATE DEPT OF CONSERVATION REGION 7 NYSDEC R7
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

L69 **PASCARELLA'S TOWING SERVICE LLC** **NY AST** **A100319056**
NNE **1504 BURNET AVE** **N/A**
1/8-1/4 **SYRACUSE, NY 13206**
0.224 mi.
1184 ft. **Site 7 of 8 in cluster L**

Relative: Higher
Actual: 423 ft.

AST:
Name: PASCARELLA'S TOWING SERVICE LLC
Address: 1504 BURNET AVE
City,State,Zip: SYRACUSE, NY 13206
Region: STATE
DEC Region: 7
Site Status: Unregulated/Closed
Facility Id: 7-601202
Program Type: PBS
UTM X: 409083.58286
UTM Y: 4767597.23071
Expiration Date: N/A
Site Type: Other Wholesale/Retail Sales

Affiliation Records:
Site Id: 392497
Affiliation Type: Facility Owner
Company Name: PASCARELLAS TOWING SERVICE LLC
Contact Type: PRESIDENT
Contact Name: GASPARE PASCARELLA
Address1: 1504 BURNET AVE
Address2: Not reported

PASCARELLA'S TOWING SERVICE LLC (Continued) **A100319056**

City:	SYRACUSE
State:	NY
Zip Code:	13206
Country Code:	001
Phone:	(315) 478-7770
EMail:	Not reported
Fax Number:	Not reported
Modified By:	kckemp
Date Last Modified:	2008-01-29

Site Id:	392497
Affiliation Type:	Mail Contact
Company Name:	PASCARELLAS TOWING SERVICE LLC
Contact Type:	PRESIDENT
Contact Name:	GASPARE PASCARELLA
Address1:	1504 BURNET AVE
Address2:	Not reported
City:	SYRACUSE
State:	NY
Zip Code:	13206
Country Code:	001
Phone:	(315) 478-7770
EMail:	Not reported
Fax Number:	Not reported
Modified By:	kckemp
Date Last Modified:	2008-01-29

Site Id:	392497
Affiliation Type:	Facility Operator
Company Name:	PASCARELLAS TOWING SERVICE LLC
Contact Type:	Not reported
Contact Name:	PASCARELLA'S TOWING SERVICE LLC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(315) 478-7770
EMail:	Not reported
Fax Number:	Not reported
Modified By:	kckemp
Date Last Modified:	2008-01-21

Site Id:	392497
Affiliation Type:	Emergency Contact
Company Name:	PASCARELLAS TOWING SERVICE LLC
Contact Type:	Not reported
Contact Name:	GASPARE PASCARELLA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(315) 457-3498
EMail:	Not reported

PASCARELLA'S TOWING SERVICE LLC (Continued) **A100319056**

Fax Number: Not reported
Modified By: kckemp
Date Last Modified: 2008-01-21

Tank Info:

Tank Number: 001
Tank Id: 221211
Material Code: 2642
Common Name of Substance: Used Oil (Heating, On-Site Consumption)

Equipment Records:

F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G10 - Tank Secondary Containment - Impervious Underlayment
K02 - Spill Prevention - Transfer Station Containment
C01 - Pipe Location - Aboveground
D10 - Pipe Type - Copper
E10 - Piping Secondary Containment - Impervious Underlayment
I04 - Overfill - Product Level Gauge (A/G)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
J02 - Dispenser - Suction Dispenser

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 07/01/2006
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 01/26/2008
Register: True
Modified By: kckemp
Last Modified: 04/14/2017
Material Name: used oil (heating, on-site consumption)

Tank Number: 002
Tank Id: 221212
Material Code: 2642
Common Name of Substance: Used Oil (Heating, On-Site Consumption)

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G10 - Tank Secondary Containment - Impervious Underlayment
K02 - Spill Prevention - Transfer Station Containment
E00 - Piping Secondary Containment - None
I00 - Overfill - None
D00 - Pipe Type - No Piping

PASCARELLA'S TOWING SERVICE LLC (Continued) **A100319056**

H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
J02 - Dispenser - Suction Dispenser

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	07/01/2006
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	01/26/2008
Register:	True
Modified By:	kckemp
Last Modified:	04/14/2017
Material Name:	used oil (heating, on-site consumption)
Tank Number:	003
Tank Id:	221213
Material Code:	2642
Common Name of Substance:	Used Oil (Heating, On-Site Consumption)

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
G10 - Tank Secondary Containment - Impervious Underlayment
K02 - Spill Prevention - Transfer Station Containment
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
J02 - Dispenser - Suction Dispenser

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	07/01/2006
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	01/26/2008
Register:	True
Modified By:	kckemp
Last Modified:	04/14/2017
Material Name:	used oil (heating, on-site consumption)
Tank Number:	004
Tank Id:	221214

PASCARELLA'S TOWING SERVICE LLC (Continued) **A100319056**

Material Code:	2642
Common Name of Substance:	Used Oil (Heating, On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
G10 - Tank Secondary Containment - Impervious Underlayment
K02 - Spill Prevention - Transfer Station Containment
D00 - Pipe Type - No Piping
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Plastic
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	07/01/2006
Capacity Gallons:	280
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	01/26/2008
Register:	True
Modified By:	kckemp
Last Modified:	04/14/2017
Material Name:	used oil (heating, on-site consumption)

O70 **ERIE BLVD MOBIL** **RCRA NonGen / NLR** **1000553746**
SW **1641 ERIE BLVD E** **FINDS** **NYD986961787**
1/8-1/4 **SYRACUSE, NY 13210** **ECHO**
0.227 mi. **NY MANIFEST**
1201 ft. **Site 1 of 2 in cluster O**

Relative: Higher
Actual: 422 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2007-01-01 00:00:00.0
Handler Name:	ERIE BLVD MOBIL
Handler Address:	1641 ERIE BLVD E
Handler City,State,Zip:	SYRACUSE, NY 13210
EPA ID:	NYD986961787
Contact Name:	Not reported
Contact Address:	GALLOWS RD - MKTG ENVIRON
Contact City,State,Zip:	FAIRFAX, NY 22037
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported

ERIE BLVD MOBIL (Continued) **1000553746**

Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R7
Mailing Address:	GALLOWS RD - MKTG ENVIRON
Mailing City,State,Zip:	FAIRFAX, NY 22037
Owner Name:	MOBIL OIL CORP
Owner Type:	Private
Operator Name:	MOBIL OIL CORP
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0

ERIE BLVD MOBIL (Continued) **1000553746**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	NONE
Waste Description:	Not Defined

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MOBIL OIL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3225 GALLOWS RD
Owner/Operator City,State,Zip:	FAIRFAX, VA 22037
Owner/Operator Telephone:	703-849-3330
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MOBIL OIL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3225 GALLOWS RD
Owner/Operator City,State,Zip:	FAIRFAX, VA 22037
Owner/Operator Telephone:	703-849-3330
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MOBIL OIL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3225 GALLOWS RD
Owner/Operator City,State,Zip:	FAIRFAX, VA 22037
Owner/Operator Telephone:	703-849-3330
Owner/Operator Telephone Ext:	Not reported

ERIE BLVD MOBIL (Continued) **1000553746**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MOBIL OIL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3225 GALLOWS RD
Owner/Operator City,State,Zip:	FAIRFAX, VA 22037
Owner/Operator Telephone:	703-849-3330
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1995-04-19 00:00:00.0
Handler Name:	ERIE BLVD MOBIL
Federal Waste Generator Description:	Not reported
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-01-01 00:00:00.0
Handler Name:	ERIE BLVD MOBIL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-01-01 00:00:00.0
Handler Name:	ERIE BLVD MOBIL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1991-04-10 00:00:00.0
Handler Name:	ERIE BLVD MOBIL

ERIE BLVD MOBIL (Continued) **1000553746**

Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004471982

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000553746
Registry ID:	110004471982
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004471982
Name:	ERIE BLVD MOBIL
Address:	1641 ERIE BLVD E
City,State,Zip:	SYRACUSE, NY 13210

NY MANIFEST:

Name:	MORGAN & BUCKLEY SERVICE CENTER
Address:	1641 ERIE BLVD E
City,State,Zip:	SYRACUSE, NY 13210
Country:	USA
EPA ID:	NYD986961787
Facility Status:	Not reported
Location Address 1:	7666 MORGAN ROAD
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported

ERIE BLVD MOBIL (Continued) **1000553746**

Location City:	LIVERPOOL
Location State:	NY
Location Zip:	13090
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD986961787
Mailing Name:	MORGAN & BUCKLEY SERVICE CENTER
Mailing Contact:	STEVEN D'ALONZO
Mailing Address 1:	7666 MORGAN ROAD
Mailing Address 2:	Not reported
Mailing City:	LIVERPOOL
Mailing State:	NY
Mailing Zip:	13090
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	3156529719

NY MANIFEST:

Document ID:	PAC8375194
Manifest Status:	C
seq:	Not reported
Year:	1992
Trans1 State ID:	PAAH0172
Trans2 State ID:	Not reported
Generator Ship Date:	12/10/1992
Trans1 Recv Date:	12/10/1992
Trans2 Recv Date:	/ /
TSD Site Recv Date:	12/16/1992
Part A Recv Date:	12/29/1992
Part B Recv Date:	12/29/1992
Generator EPA ID:	NYD986961787
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID 1:	PAD981737109
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00050
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001

ERIE BLVD MOBIL (Continued) **1000553746**

Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

O71 **1641 ERIE BLVD EAST - 83142** **NY UST** **U004159906**
SW **1641 ERIE BLVD EAST** **N/A**
1/8-1/4 **SYRACUSE, NY 13210**
0.227 mi.
1201 ft. **Site 2 of 2 in cluster O**

Relative:
Higher

Actual:
422 ft.

UST:
Name: 1641 ERIE BLVD EAST - 83142
Address: 1641 ERIE BLVD EAST
City,State,Zip: SYRACUSE, NY 13210
Id/Status: 7-301019 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 7
Expiration Date: N/A
UTM X: 408565.66938
UTM Y: 4766919.58608
Site Type: Retail Gasoline Sales

Affiliation Records:
Site Id: 45374
Affiliation Type: Mail Contact
Company Name: BLOUNT ENERGY INC - C/O LEHIGH GAS CORP.
Contact Type: Not reported
Contact Name: CHERYL ANDERSON
Address1: 1425 SOUTH MOUNTAIN AVE
Address2: Not reported
City: BETHLEHEM
State: PA
Zip Code: 18015
Country Code: 001
Phone: (610) 791-3800
EMail: CANDERSON@LEHIGHGAS.COM
Fax Number: Not reported
Modified By: KCKemp
Date Last Modified: 2007-04-30

Site Id: 45374
Affiliation Type: Facility Operator
Company Name: EXXONMOBIL #11289
Contact Type: Not reported
Contact Name: PETER M. BUDA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (315) 422-2475
EMail: Not reported
Fax Number: Not reported
Modified By: KCKemp
Date Last Modified: 2007-08-23

1641 ERIE BLVD EAST - 83142 (Continued) **U004159906**

Site Id:	45374
Affiliation Type:	Emergency Contact
Company Name:	BEPL LLC - C/O LEHIGH GAS CORP.
Contact Type:	Not reported
Contact Name:	SYNERGY ENVIRONMENTAL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(866) 333-3461
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KCKEMP
Date Last Modified:	2010-05-19

Site Id:	45374
Affiliation Type:	Facility Owner
Company Name:	BEPL LLC - C/O LEHIGH GAS CORP.
Contact Type:	VICE PRESIDENT
Contact Name:	EDWIN MILLER
Address1:	1425 SOUTH MOUNTAIN AVE
Address2:	Not reported
City:	BETHLEHEM
State:	PA
Zip Code:	18015
Country Code:	001
Phone:	(610) 791-3800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KCKEMP
Date Last Modified:	2009-07-15

Tank Info:

Tank Number:	001
Tank ID:	130659
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	10000
Install Date:	08/01/1986
Date Tank Closed:	06/09/2008
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0009
Common Name of Substance:	Gasoline

Tightness Test Method:	09
Date Test:	07/01/1993
Next Test Date:	Not reported
Pipe Model:	C
Modified By:	KCKEMP
Last Modified:	04/14/2017

Equipment Records:

1641 ERIE BLVD EAST - 83142 (Continued) **U004159906**

K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
E00 - Piping Secondary Containment - None
J01 - Dispenser - Pressurized Dispenser
L08 - Piping Leak Detection - Tank Top Sump
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number:	002
Tank ID:	130660
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	10000
Install Date:	08/01/1986
Date Tank Closed:	06/09/2008
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	09
Date Test:	07/01/1993
Next Test Date:	Not reported
Pipe Model:	C
Modified By:	KCKEMP
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
I01 - Overfill - Float Vent Valve
L08 - Piping Leak Detection - Tank Top Sump
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
E00 - Piping Secondary Containment - None
K01 - Spill Prevention - Catch Basin
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
J01 - Dispenser - Pressurized Dispenser
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
G00 - Tank Secondary Containment - None
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number:	003
Tank ID:	130661
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	10000
Install Date:	08/01/1986
Date Tank Closed:	06/09/2008

1641 ERIE BLVD EAST - 83142 (Continued) **U004159906**

Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	09
Date Test:	07/01/1993
Next Test Date:	Not reported
Pipe Model:	C
Modified By:	KCKEMP
Last Modified:	04/14/2017

Equipment Records:

B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
E00 - Piping Secondary Containment - None
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
I01 - Overfill - Float Vent Valve
L08 - Piping Leak Detection - Tank Top Sump
J01 - Dispenser - Pressurized Dispenser
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
G00 - Tank Secondary Containment - None
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number:	004
Tank ID:	130662
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	10000
Install Date:	08/01/1986
Date Tank Closed:	06/09/2008
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	09
Date Test:	07/01/1993
Next Test Date:	Not reported
Pipe Model:	C
Modified By:	KCKEMP
Last Modified:	04/14/2017

Equipment Records:

J01 - Dispenser - Pressurized Dispenser
C00 - Pipe Location - No Piping
K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
E00 - Piping Secondary Containment - None
B04 - Tank External Protection - Fiberglass
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None

1641 ERIE BLVD EAST - 83142 (Continued) **U004159906**

L00 - Piping Leak Detection - None
F04 - Pipe External Protection - Fiberglass
G00 - Tank Secondary Containment - None
H05 - Tank Leak Detection - In-Tank System (ATG)

72
East
1/8-1/4
0.228 mi.
1205 ft.

IROQUOIS PLUMBING
2043 ERIE BLVD EAST
SYRACUSE, NY 13224

NY UST **U004047198**
N/A

Relative:
Higher

Actual:
422 ft.

UST:

Name:	IROQUOIS PLUMBING
Address:	2043 ERIE BLVD EAST
City,State,Zip:	SYRACUSE, NY 13224
Id/Status:	7-600875 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	7
Expiration Date:	N/A
UTM X:	409282.46905
UTM Y:	4767202.75858
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	47311
Affiliation Type:	Facility Owner
Company Name:	ERNIE CASALE
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	4149 LUCAM RD.
Address2:	Not reported
City:	LIVERPOOL
State:	NY
Zip Code:	13090
Country Code:	001
Phone:	(315) 652-7362
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	47311
Affiliation Type:	Mail Contact
Company Name:	IROQUOIS PLUMBING
Contact Type:	Not reported
Contact Name:	ERNIE CASALE
Address1:	4149 LUCAM RD.
Address2:	Not reported
City:	LIVERPOOL
State:	NY
Zip Code:	13090
Country Code:	001
Phone:	(315) 652-7362
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

IROQUOIS PLUMBING (Continued) **U004047198**

Site Id:	47311
Affiliation Type:	Facility Operator
Company Name:	IROQUOIS PLUMBING
Contact Type:	Not reported
Contact Name:	ERNIE CASALE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(315) 652-7362
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	47311
Affiliation Type:	Emergency Contact
Company Name:	ERNIE CASALE
Contact Type:	Not reported
Contact Name:	ERNIE CASALE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(315) 652-7362
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	1
Tank ID:	140123
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	2000
Install Date:	Not reported
Date Tank Closed:	04/01/2002
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

IROQUOIS PLUMBING (Continued) **U004047198**

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	2
Tank ID:	140124
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	2000
Install Date:	Not reported
Date Tank Closed:	04/01/2002
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	3
Tank ID:	140125
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	6000
Install Date:	Not reported
Date Tank Closed:	04/01/2002
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported

IROQUOIS PLUMBING (Continued) **U004047198**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
C01 - Pipe Location - Aboveground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

L73 **ST ANDREW MARGARITE** **RCRA NonGen / NLR** **1001224512**
NNE **1508 BURNET AVE** **FINDS** **NYR000057299**
1/8-1/4 **SYRACUSE, NY 13206** **ECHO**
0.233 mi. **NY MANIFEST**
1230 ft. **Site 8 of 8 in cluster L**

Relative: **Higher**
Actual: **422 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2007-01-01 00:00:00.0
Handler Name:	ST ANDREW MARGARITE
Handler Address:	1508 BURNET AVE
Handler City,State,Zip:	SYRACUSE, NY 13206
EPA ID:	NYR000057299
Contact Name:	Not reported
Contact Address:	BURNET AVE
Contact City,State,Zip:	SYRACUSE, NY 13206
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R7
Mailing Address:	BURNET AVE
Mailing City,State,Zip:	SYRACUSE, NY 13206
Owner Name:	MARGARITE ST ANDREW
Owner Type:	Private
Operator Name:	MARGARITE ST ANDREW
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No

ST ANDREW MARGARITE (Continued) **1001224512**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D008
Waste Description:	LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MARGARITE ST ANDREW

ST ANDREW MARGARITE (Continued) **1001224512**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1508 BURNET AVE
Owner/Operator City,State,Zip:	SYRACUSE, NY 13206
Owner/Operator Telephone:	315-474-5340
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MARGARITE ST ANDREW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1508 BURNET AVE
Owner/Operator City,State,Zip:	SYRACUSE, NY 13206
Owner/Operator Telephone:	315-474-5340
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARGARITE ST ANDREW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1508 BURNET AVE
Owner/Operator City,State,Zip:	SYRACUSE, NY 13206
Owner/Operator Telephone:	315-474-5340
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1998-10-01 00:00:00.0
Handler Name:	ST ANDREW MARGARITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-01-01 00:00:00.0
Handler Name:	ST ANDREW MARGARITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

ST ANDREW MARGARITE (Continued) **1001224512**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-01-01 00:00:00.0
Handler Name:	ST ANDREW MARGARITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-06-25 00:00:00.0
Handler Name:	ST ANDREW MARGARITE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004544725

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ST ANDREW MARGARITE (Continued) **1001224512**

ECHO:

Envid:	1001224512
Registry ID:	110004544725
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004544725
Name:	ST ANDREW MARGARITE
Address:	1508 BURNET AVE
City,State,Zip:	SYRACUSE, NY 13206

NY MANIFEST:

Name:	MARGARITE ST ANDREWS
Address:	1508 BURNET AVE
City,State,Zip:	SYRACUSE, NY 13206
Country:	USA
EPA ID:	NYR000057299
Facility Status:	Not reported
Location Address 1:	1508 BURNET AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	SYRACUSE
Location State:	NY
Location Zip:	13206
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000057299
Mailing Name:	MARGARITE ST ANDREWS
Mailing Contact:	ALBERT BERGMAN
Mailing Address 1:	1508 BURNET AVE
Mailing Address 2:	Not reported
Mailing City:	SYRACUSE
Mailing State:	NY
Mailing Zip:	13206
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	3154572099

NY MANIFEST:

Document ID:	PAE9023545
Manifest Status:	Not reported
seq:	01
Year:	1998
Trans1 State ID:	PAAH0549
Trans2 State ID:	Not reported
Generator Ship Date:	07/21/1998
Trans1 Recv Date:	07/21/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/22/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000057299
Trans1 EPA ID:	PAD010154045
Trans2 EPA ID:	Not reported
TSDF ID 1:	PAD010154045
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported

ST ANDREW MARGARITE (Continued) **1001224512**

Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00796
Units:	P - Pounds
Number of Containers:	002
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	01.00

N74 **SYRACUSE U-HAUL SRU** **NY AST** **A100386270**
West **960 CANAL ST** **N/A**
1/8-1/4 **SYRACUSE, NY 13210**
0.238 mi.
1257 ft. **Site 5 of 6 in cluster N**

Relative:
Higher

Actual:
417 ft.

AST:

Name:	SYRACUSE U-HAUL SRU
Address:	960 CANAL ST
City,State,Zip:	SYRACUSE, NY 13210
Region:	STATE
DEC Region:	7
Site Status:	Active
Facility Id:	7-601489
Program Type:	PBS
UTM X:	408590.49079
UTM Y:	4767258.91482
Expiration Date:	02/14/2024
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	491689
Affiliation Type:	Facility Owner
Company Name:	AMERCO REAL ESTATE COMPANY
Contact Type:	SHOP MANAGER
Contact Name:	MIKE STREETER
Address1:	2727 NORTH CENTRAL AVE
Address2:	Not reported
City:	PHOENIX
State:	AZ
Zip Code:	85004
Country Code:	001
Phone:	(602) 263-6555

SYRACUSE U-HAUL SRU (Continued) **A100386270**

EMail:	Not reported
Fax Number:	Not reported
Modified By:	KCKEMP
Date Last Modified:	2018-12-03

Site Id:	491689
Affiliation Type:	Mail Contact
Company Name:	U-HAUL CO OF NORTH CENTRAL NEW YORK
Contact Type:	Not reported
Contact Name:	MIKE STREETER
Address1:	960 CANAL ST
Address2:	Not reported
City:	SYRACUSE
State:	NY
Zip Code:	13210
Country Code:	001
Phone:	(315) 422-1343
EMail:	MIKE_STREETER@UHAUL.COM
Fax Number:	Not reported
Modified By:	KCKEMP
Date Last Modified:	2018-12-03

Site Id:	491689
Affiliation Type:	Facility Operator
Company Name:	SYRACUSE U-HAUL SRU
Contact Type:	Not reported
Contact Name:	LYNN CUNY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(315) 422-1343
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KCKEMP
Date Last Modified:	2014-02-14

Site Id:	491689
Affiliation Type:	Emergency Contact
Company Name:	AMERCO REAL ESTATE COMPANY
Contact Type:	Not reported
Contact Name:	MIKE STREETER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(315) 422-1343
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KCKEMP
Date Last Modified:	2018-12-03

SYRACUSE U-HAUL SRU (Continued) **A100386270**

Tank Info:

Tank Number:	AREA 4
Tank Id:	251150

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
J03 - Dispenser - Gravity
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Plastic
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	06/01/1998
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KCKEMP
Last Modified:	12/03/2018
Material Name:	waste oil/used oil

Tank Number:	AREA 5
Tank Id:	278485

Equipment Records:

H00 - Tank Leak Detection - None
K01 - Spill Prevention - Catch Basin
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
E07 - Piping Secondary Containment - Trench Liner
L00 - Piping Leak Detection - None
C01 - Pipe Location - Aboveground
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	03/01/2018
Capacity Gallons:	275

SYRACUSE U-HAUL SRU (Continued) **A100386270**

Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KCKEMP
Last Modified:	12/03/2018
Material Name:	motor oil

N75 **U-HAUL SERVICE CENTER** **RCRA-VSQG** **1000159873**
West **960 CANAL ST** **FINDS** **NYD981558331**
1/8-1/4 **SYRACUSE, NY 13210** **ECHO**
0.238 mi. **NY MANIFEST**
1257 ft. **Site 6 of 6 in cluster N**

Relative: **Higher**
Actual: **417 ft.**

RCRA-VSQG:

Date Form Received by Agency:	2007-01-01 00:00:00.0
Handler Name:	U-HAUL SERVICE CENTER
Handler Address:	960 CANAL ST
Handler City,State,Zip:	SYRACUSE, NY 13210
EPA ID:	NYD981558331
Contact Name:	HCONTFIRST UNKNOWN
Contact Address:	CANAL ST
Contact City,State,Zip:	SYRACUSE, NY 13210
Contact Telephone:	212-555-1212
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R7
Mailing Address:	CANAL ST
Mailing City,State,Zip:	SYRACUSE, NY 13210
Owner Name:	UNKNOWN
Owner Type:	Private
Operator Name:	UNKNOWN
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported

U-HAUL SERVICE CENTER (Continued) **1000159873**

Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNKNOWN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported

U-HAUL SERVICE CENTER (Continued) **1000159873**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNKNOWN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNKNOWN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2006-01-01 00:00:00.0
Handler Name:	U-HAUL SERVICE CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-01-01 00:00:00.0
Handler Name:	U-HAUL SERVICE CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1986-10-02 00:00:00.0
Handler Name:	U-HAUL SERVICE CENTER
Federal Waste Generator Description:	Small Quantity Generator

U-HAUL SERVICE CENTER (Continued) **1000159873**

State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004408445

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000159873
Registry ID:	110004408445
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004408445
Name:	U-HAUL SERVICE CENTER
Address:	960 CANAL ST
City,State,Zip:	SYRACUSE, NY 13210

NY MANIFEST:

Name:	SYRACUSE RENTAL
Address:	960 CANAL ST
City,State,Zip:	SYRACUSE, NY 13210
Country:	USA
EPA ID:	NYD981558331
Facility Status:	Not reported
Location Address 1:	960 CANAL STREET
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	SYRACUSE

U-HAUL SERVICE CENTER (Continued) **1000159873**

Location State:	NY
Location Zip:	13210
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD981558331
Mailing Name:	SYRACUSE RENTAL
Mailing Contact:	NICOLE SITNIK
Mailing Address 1:	960 CANAL STREET
Mailing Address 2:	Not reported
Mailing City:	SYRACUSE
Mailing State:	NY
Mailing Zip:	13210
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	3154221343

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NYD980769947
Generator Ship Date:	12/24/2008
Trans1 Recv Date:	12/24/2008
Trans2 Recv Date:	12/29/2008
TSD Site Recv Date:	01/02/2009
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD981558331
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	KYD053348108
TSDF ID 2:	Not reported
Manifest Tracking Number:	001289280SKS
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H061
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	120
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels

U-HAUL SERVICE CENTER (Continued) **1000159873**

Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	D018
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

76
WNW
1/8-1/4
0.238 mi.
1259 ft.

IRA-TAS REFINISHERS **RCRA NonGen / NLR** **1000457333**
1120 BURNET AVE **FINDS** **NYD986914240**
SYRACUSE, NY 13203 **ECHO**

Relative:
Higher

Actual:
421 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2007-01-01 00:00:00.0
Handler Name:	IRA-TAS REFINISHERS
Handler Address:	1120 BURNET AVE
Handler City,State,Zip:	SYRACUSE, NY 13203
EPA ID:	NYD986914240
Contact Name:	Not reported
Contact Address:	UNKNOWN
Contact City,State,Zip:	SYRACUSE, NY 13203
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	X
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R7
Mailing Address:	UNKNOWN
Mailing City,State,Zip:	SYRACUSE, NY 13203
Owner Name:	OWNERNAME
Owner Type:	Private
Operator Name:	OWNERNAME
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported

IRA-TAS REFINISHERS (Continued) **1000457333**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OWNERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

IRA-TAS REFINISHERS (Continued) **1000457333**

Owner/Operator Name:	OWNERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OWNERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1979-12-31 00:00:00.0
Handler Name:	IRA-TAS REFINISHERS
Federal Waste Generator Description:	Not reported
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-01-01 00:00:00.0
Handler Name:	IRA-TAS REFINISHERS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-01-01 00:00:00.0
Handler Name:	IRA-TAS REFINISHERS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

IRA-TAS REFINISHERS (Continued) **1000457333**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1990-08-14 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYDEC
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported

IRA-TAS REFINISHERS (Continued) **1000457333**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110004453500

Click Here:

Environmental Interest/Information System:
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Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000457333
Registry ID:	110004453500
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004453500
Name:	IRA-TAS REFINISHERS
Address:	1120 BURNET AVE
City,State,Zip:	SYRACUSE, NY 13203

77
SE
1/4-1/2
0.324 mi.
1712 ft.

ROLLING GREEN ESTATES **NY LTANKS** **S100493932**
E. FAYETTE & WESTMORLAND **N/A**
SYRACUSE, NY

Relative: Higher
Actual: 485 ft.

LTANKS:

Name:	ROLLING GREEN ESTATES
Address:	E. FAYETTE & WESTMORLAND
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	9206162 / 1993-04-06
Facility ID:	9206162
Site ID:	145718
Spill Date:	1992-08-27
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	1993-04-06
SWIS:	3415
Investigator:	RJBRAZEL
Referred To:	Not reported
Reported to Dept:	1992-08-27
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False

ROLLING GREEN ESTATES (Continued) **S100493932**

Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1992-09-17
Spill Record Last Update:	1995-01-06
Spiller Name:	Not reported
Spiller Company:	INTERSTATE REALTY MGMNT.
Spiller Address:	1 STOW RD.
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	7
DER Facility ID:	124147
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was RB "
Remarks:	"LEAKING 8000 GALLON TANK. DURING EXCAVATION STRONG PETROLEUM ODOR OBSERVED."

All Materials:

Site ID:	145718
Operable Unit ID:	973416
Operable Unit:	01
Material ID:	410336
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

P78 **ERIE BLVD EAST** **NY LTANKS S102166767**
WSW **1430 ERIE BLVD E** **NY Spills N/A**
1/4-1/2 **SYRACUSE, NY**
0.386 mi.
2040 ft. **Site 1 of 2 in cluster P**

Relative: **Higher**
Actual: **425 ft.**

LTANKS:

Name:	ZIP ZIP MINIMART
Address:	1430 ERIE BLVD E
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	8901772 / 2004-05-07
Facility ID:	8901772
Site ID:	315880
Spill Date:	1989-05-22
Spill Cause:	Tank Overfill
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	B2
Cleanup Ceased:	Not reported
SWIS:	3415
Investigator:	ROMOCKI
Referred To:	Not reported
Reported to Dept:	1989-05-22
CID:	Not reported
Water Affected:	Not reported

ERIE BLVD EAST (Continued) **S102166767**

Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1989-06-03
Spill Record Last Update:	2004-05-07
Spiller Name:	Not reported
Spiller Company:	ZIP ZIP MINIMART CORP.
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	7
DER Facility ID:	102220
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MR 06/12/89: NO INVENTORY LOSS PER STRUTINSKI. 08/15/89: PLANS TO REMOVE TANKS IN 2-3 WEEKS. TANK LINED BY BACH IN 1984. ECO PURSUING ENF ACTION FOR NON REG. 01/16/90: TURNED OVER TO MR FOR FOLLOWUP. MATTER IN REG ATTY HANDS NOW. 07/23/92: CASE BEING TURNED OVER TO ATTY. GENERAL'S OFFICE FOR ENFORCEMENT. This site is now a City of Syracuse Brownfiels site. Spill is being closed and cleanup will be addressed through the Brownfield program "
Remarks:	"REPORTED TANK TAKING ON WATER. JOE STRUTINSKI OWNER"

All Materials:

Site ID:	315880
Operable Unit ID:	929046
Operable Unit:	01
Material ID:	449505
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	ERIE BLVD EAST
Address:	1430 ERIE BLVD E
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	9005065 / 1990-08-07
Facility ID:	9005065
Facility Type:	ER
DER Facility ID:	102220
Site ID:	117513
DEC Region:	7
Spill Cause:	Deliberate
Spill Class:	Not reported
SWIS:	3415
Spill Date:	1990-08-02
Investigator:	GREGG

ERIE BLVD EAST (Continued) **S102166767**

Referred To:	Not reported
Reported to Dept:	1990-08-07
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	1990-08-07
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1990-08-10
Spill Record Last Update:	1990-09-25
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	1430 ERIE BLVD EAST
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TG 09/25/90: SITE VISIT 8/7/90. NO DRUMS FOUND. "
Remarks:	"UNKNOWN # OF DRUMS AT AUTO BODY REPAIR SHOP NEXT TO RYDER RENTAL. NOTIFIER WAS CUSTOMER. HE WATCHED THEM DUMP DRUM DOWN SEWER."

All Materials:

Site ID:	117513
Operable Unit ID:	945545
Operable Unit:	01
Material ID:	436130
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

P79 **ZIP ZIP MINI MARKET SITE** **NY ERP** **S104508844**
WSW **1410 ERIE BOULEVARD EAST** **NY Spills** **N/A**
1/4-1/2 **SYRACUSE, NY 13202**
0.392 mi.
2071 ft. **Site 2 of 2 in cluster P**

Relative: **Higher**

Actual: **425 ft.**

ERP:

Name:	ZIP ZIP MINI MARKET SITE
Address:	1410 ERIE BOULEVARD EAST
City,State,Zip:	SYRACUSE (C), NY
Site Code:	58300
Program:	ERP
HW Code:	B00075
Site Class:	Not reported
Class N:	Not reported
SWIS:	3415
Region:	7
Town:	Syracuse (c)
Acres:	0.5

ZIP ZIP MINI MARKET SITE (Continued) **S104508844**

Record Added: 10/29/2003
Record Updated: 04/14/2020
Updated By: HDWARNER
Site Description: Location: The Zip Zip Mini Market Site is a 1.14-acre site located in an urban area. The site is located at 1410 Erie Boulevard East along the eastern side of the City of Syracuse. The site is bordered by Erie Boulevard to the north, Cherry Street to the east, East Washington Street to the south, and South Beach Street to the west. Site Features: The site is relatively flat and has one building that is partially located on-site. The building is owned by the adjoining property owner and is an automobile repair shop. The site is mostly made up of hard compact soil and gravel. The building located on the adjacent parcel to the east slightly encroaches onto the western portion of the site. Current Zoning and Land Use: The site is currently being used as a parking area and is zoned for commercial use. The surrounding parcels are currently used for a combination of commercial, light industrial, and utility right-of-ways. The nearest residential area is approximately 100 yards to the south on East Washington Street. Past Use of the Site: Until 1997, the site was used as a retail gasoline business prior to a fire that destroyed the service building. Contamination at the site is believed to be the result of four underground storage tanks being left at the property without being closed properly. Site Geology and Hydrogeology: The site has an approximate elevation of 440 feet above mean sea level and is relatively flat. The majority of the overland flow is towards Erie Blvd. East and Route 690, where subtle east sloping topography results in discharge to the south branch of Ley Creek, which eventually discharges into Onondaga Lake. Site soils consist of Urban Land with the bedrock anticipated to be of the Upper Silurian Age. The bedrock geology underlying the site is the Syracuse Formation, which consists of dolostone, shale, gypsum, and salts. The estimated depth to groundwater is less than 10 feet below ground surface. Groundwater at the site generally flows to the north towards Ley Creek.
Env Problem: Nature and Extent of Contamination: Post-IRM: Soil and groundwater were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals. Soils were also analyzed for polychlorinated biphenyls (PCBs), and pesticides. Based upon investigations conducted to date, the primary contaminants of concern are VOCs and SVOCs with minor detections of pesticides and metals. Soil: Surface Soils: Only one VOC, acetone, was detected at a concentration of 0.056 ppm which exceeded the Part 375 unrestricted use SCO of 0.05 ppm. This detection was, however, below the Part 375 commercial use SCO of 500 ppm. Three SVOCs were detected at concentrations exceeding their respective Part 375 commercial use SCOs. These were benzo[a]anthracene at a maximum concentration of 8.2 ppm with a commercial SCO of 5.6 ppm, benzo[a]pyrene at a maximum concentration of 7 ppm with a commercial SCO of 1 ppm, and benzo[b]fluoranthene at a maximum concentration of 8.2 ppm with a commercial SCO of 5.6 ppm. These concentrations were present in the northeast portion of the site. There are several other compounds including benzo[k]fluoranthene at a maximum concentration of 3.3 ppm, chrysene at a maximum concentration of 5.3 ppm, and indeno[1,2,3-cd]pyrene at a maximum concentration of 3.7 ppm, exceeding their respective Part 375 Restricted Residential SCOs, but below Part 375 commercial SCOs. No other SVOCs exceeded unrestricted use SCOs. Only one pesticide, 4,4'-DDT, was detected in a surface

ZIP ZIP MINI MARKET SITE (Continued) **S104508844**

soil sample at a concentration of 0.0094 ppm which exceeds the Part 375 unrestricted use SCO of 0.0033 ppm but is less than the Part 375 commercial use SCO of 47 ppm. No PCBs were identified in the surface soil samples. One metal, lead, at a maximum concentration of 854 ppm, exceeded its Part 375 restricted residential SCO of 400 ppm but was less than the commercial SCO of 1000 ppm. Zinc was detected at a maximum concentration of 569 ppm, exceeding the Part 375 unrestricted use SCO of 109 ppm. Subsurface Soils: No VOCs were detected in subsurface soil samples at concentrations exceeding their respective commercial use SCOs. There were several compounds including acetone at a maximum of 0.11 ppm, benzene at a maximum of 1.1 ppm, ethylbenzene at a maximum of 3.6 ppm, methylene chloride at a maximum of 0.068 ppm, and xylenes (total) at a maximum of 20 ppm, that were detected above their respective Part 375 unrestricted use SCOs. Benzene, ethylbenzene and xylenes (total) also exceeded their respective Part 375 Protection of Groundwater SCOs. No SVOCs were detected in subsurface soil samples at concentrations exceeding their respective commercial use SCOs. There were several compounds, including benzo(b)fluoranthene at a maximum concentration of 1.1 ppm and indeno(1,2,3-cd)pyrene at a maximum concentration of 0.56 ppm, that were detected above their respective Part 375 unrestricted use SCOs. No pesticides were detected in subsurface soil samples at concentrations exceeding their unrestricted use SCOs. No metals were detected in subsurface soil samples at concentrations exceeding their respective commercial use SCOs. There were two compounds including mercury at a maximum concentration of 0.19 ppm and nickel, at a maximum concentration of 43.2 ppm, that were detected above their respective Part 375 unrestricted use SCOs. Groundwater (GW): No metals were detected above their respective groundwater standards. VOCs detected in groundwater above ambient quality standards include benzene at a maximum concentration of 120 parts per billion (ppb), ethylbenzene at a maximum concentration of 83 ppb, isopropylbenzene at a maximum of 6.4 ppb, methyl tert-butyl ether at a maximum of 73 ppb, toluene at a maximum of 48 ppb, and xylenes (total) at a maximum of 440 ppb. Most of the VOC groundwater impacts were located in the northern portion of the site, except for methyl tert-butyl ether, which was detected throughout the site. SVOCs detected in groundwater above their respective standards include 2,4-dimethylphenol at a maximum of 6.4 ppb, naphthalene at a maximum of 17 ppb, and phenol at a maximum of 3.2 ppb. All of the SVOC groundwater impacts were located in the northern portion of the site.

Health Problem: Access is not restricted and people who enter the site could contact contaminants in the soil by walking on it, digging, or otherwise disturbing the soil. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the soil vapor (air spaces within the soil) may move into buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion on and offsite.

SPILLS:

Name: FORMER ZIP-ZIP MINI MART
Address: 1410 ERIE BLVD EAST
City,State,Zip: SYRACUSE, NY

ZIP ZIP MINI MARKET SITE (Continued) **S104508844**

Spill Number/Closed Date:	9911627 / 2002-08-05
Facility ID:	9911627
Facility Type:	ER
DER Facility ID:	236066
Site ID:	291539
DEC Region:	7
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	3415
Spill Date:	2000-01-06
Investigator:	CFMANNES
Referred To:	Not reported
Reported to Dept:	2000-01-06
CID:	388
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	2000-01-06
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-01-06
Spill Record Last Update:	2002-08-05
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	CALLER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was CM THIS IS A BROWNFIELD SITE"
Remarks:	"caller report sheen on water in test pit. they will remediate, and they are investigating now. dec has been on site - kevin kelly. city engineer contact - dominic vacca 315-448-8224."

All Materials:

Site ID:	291539
Operable Unit ID:	1086234
Operable Unit:	01
Material ID:	297083
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	ZIP ZIP MINI MARKET SITE
Address:	1410 ERIE BOULEVARD EAST
City,State,Zip:	SYRACUSE, NY 13202
Spill Number/Closed Date:	1706786 / 2018-10-18
Facility ID:	1706786
Facility Type:	ER
DER Facility ID:	514730

ZIP ZIP MINI MARKET SITE (Continued) **S104508844**

Site ID:	561109
DEC Region:	7
Spill Cause:	Unknown
Spill Class:	C1
SWIS:	3415
Spill Date:	2017-10-12
Investigator:	RJWHITCH
Referred To:	Not reported
Reported to Dept:	2017-10-12
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2017-10-12
Spill Record Last Update:	2018-10-18
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	Not reported
Contact Name:	Not reported
DEC Memo:	"The site is a former gas station/auto repair shop. Contamination consisted of petroleum and some solvents. Underground petroleum storage tanks were on site and a free petroleum product layer was found on site. USTs have been removed. A free product layer has been removed and an IRM was performed to addresss remaining soil contamination. Some further sampling is needed to assess the effectiveness of the IRMs in remediating the site. 10/18/18 - Well installation, soil borings and sampling complete. Petroleum constituents in soil found slightly above the unrestricted SCOs are as follows: benzene - 1 detection at 0.1 ppm ethylbenzene - 1 detection at 1.2 ppm 1,2,4-TMB - 1 detection at 6 ppm xylenes - 1 detection at 2.9 ppm Benzene and MTBE were found in groundwater slightly above TOGs 1.1.1 GA standards in three wells. Based on the information collected (D2) the spill is closed not meeting standards. RW"
Remarks:	""

All TTF:

Facility ID:	1706786
Spill Number:	1706786
Spill Tank Test:	2506257
Site ID:	561109
Tank Number:	001
Tank Size:	5000
Material:	2712
EPA UST:	True
UST:	True
Cause:	00
Source:	01
Test Method:	-
Test Method 2:	Not reported
Leak Rate:	Not reported

ZIP ZIP MINI MARKET SITE (Continued) **S104508844**

Gross Fail: Not reported
Modified By: RJWHITCH
Last Modified Date: Not reported

All Materials:
Site ID: 561109
Operable Unit ID: 1309095
Operable Unit: 01
Material ID: 2316165
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

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80 East 1/4-1/2 0.446 mi. 2353 ft.
SIMS MATCHPLATE
2176 ERIE BLVD E
SYRACUSE, NY 13224
RCRA-SQG 1008892172
NY ERP NYR000135483
NY MANIFEST

Relative: Higher
Actual: 433 ft.

RCRA-SQG:

Date Form Received by Agency:	2007-01-01 00:00:00.0
Handler Name:	SIMS MATCHPLATE
Handler Address:	2176 ERIE BLVD E
Handler City,State,Zip:	SYRACUSE, NY 13224-1041
EPA ID:	NYR000135483
Contact Name:	PAUL MCINERNEY
Contact Address:	ERIE BLVD E
Contact City,State,Zip:	SYRACUSE, NY 13224-1041
Contact Telephone:	315-482-8200
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Municipal
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R7
Mailing Address:	ERIE BLVD E
Mailing City,State,Zip:	SYRACUSE, NY 13224-1041
Owner Name:	CITY OF SYRACUSE
Owner Type:	Municipal
Operator Name:	NO NAME FOUND
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No

SIMS MATCHPLATE (Continued) **1008892172**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

SIMS MATCHPLATE (Continued) **1008892172**

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CITY OF SYRACUSE
Legal Status: Municipal
Date Became Current: 1998-04-06 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 233 E WASHINGTON ST ROOM 401
Owner/Operator City,State,Zip: SYRACUSE, NY 13202
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NO NAME FOUND
Legal Status: Municipal
Date Became Current: 1998-04-06 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CITY OF SYRACUSE
Legal Status: Municipal
Date Became Current: 1998-04-06 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported

SIMS MATCHPLATE (Continued) **1008892172**

Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF SYRACUSE
Legal Status:	Municipal
Date Became Current:	1998-04-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	233 E WASHINGTON ST ROOM 401
Owner/Operator City,State,Zip:	SYRACUSE, NY 13202
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2006-01-01 00:00:00.0
Handler Name:	SIMS MATCHPLATE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-01-01 00:00:00.0
Handler Name:	SIMS MATCHPLATE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-11-15 00:00:00.0
Handler Name:	SIMS MATCHPLATE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SIMS MATCHPLATE (Continued) **1008892172**

List of NAICS Codes and Descriptions:
NAICS Code: 53119
NAICS Description: LESSORS OF OTHER REAL ESTATE PROPERTY

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

ERP:
Name: SIMS MATCHPLATE
Address: 2176 ERIE BOULEVARD EAST
City,State,Zip: SYRACUSE (C), NY
Site Code: 57770
Program: ERP
HW Code: B00072
Site Class: Not reported
Class N: Not reported
SWIS: 3415
Region: 7
Town: Syracuse (c)
Acres: 2
Record Added: 10/29/2003
Record Updated: 12/03/2019
Updated By: HDWARNER
Site Description: Location: The Sims Matchplate Site is a 1.74-acre site located in an urban area. The site is located at 2176 Erie Boulevard East along the eastern side of the City of Syracuse. The site is bordered by Erie Boulevard to the North, Beattie Street to the East, Dakin Street to the South, and Bruce Street to the West. Site Features: The site is relatively flat and has no buildings. There are multiple driveways that provide access to the site from the west and to the east along Beattie Street. Current Zoning and Land Use: The site is currently a vacant lot and is zoned for commercial use. The surrounding partials are currently used for a combination of commercial, light industrial, and utility right-of-ways. The nearest residential area is less than a quarter mile to the south on Dakin Street. Past Use of the Site: The site ceased operations in the 1980s. Sims Matchplate used the site for the manufacturing of high precision castings for the aerospace industry. Prior uses that appear to have possibly led to contamination at the site include a gas station, a metal pattern shop, machine shop, and foundry. In April 1994, NYSDEC discovered abandoned drums at the site in an old metal shed. The drums were removed by NYSDEC in August 1995. Site Geology and Hydrogeology: The site has an approximate elevation of 440 feet above mean sea level and is relatively flat. The majority of the overland flow occurs in the direction towards Erie Blvd. East and Route 690 (to the north), where subtle east sloping topography results in discharge to South branch of Ley Creek, which eventually discharges into Onondaga Lake. Site soils consist of Urban Land with the bedrock anticipated to be of the Upper Silurian Age. The bedrock geology underlying the site is the Syracuse Formation, which consists of dolostone, shale, gypsum, and salts. The estimated depth to groundwater is less then 10 feet

SIMS MATCHPLATE (Continued) **1008892172**

below ground surface. Groundwater at the site is assumed to flow to the north towards the South Branch of Ley Creek.

Env Problem: Nature and Extent of Contamination: Soil and groundwater were analyzed for volatile organic compounds (VOCs). Soils were also analyzed for semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), and pesticides. Based upon investigations conducted to date, the primary contaminants of concern appear to be VOCs and SVOCs with minor detentions of pesticides and metals. Soil Surface Soils: Only one VOC, acetone, was detected at a concentration of 0.053 mg/kg which exceeds the Part 375 Unrestricted Use SCO of 0.05 mg/kg but is less than the Part 375 Commercial SCO of 500 mg/kg. Two SVOCs were detected at concentrations exceeding their respective Part 375 Commercial SCOs. These were Benzo[a]pyrene at a maximum concentration of 5 mg/kg with a commercial SCO of 1 mg/kg and Dibenz(a,h)anthracene at a maximum concentration of 1.1 mg/kg with a commercial SCO of 0.56 mg/kg. These concentrations were present in the western portion of the site. There are several other compounds, including Benzo[a]anthracene at a maximum of 5.3 mg/kg, Benzo[b]fluoranthene at a maximum of 5.4 mg/kg, Benzo[k]fluoranthene at a maximum of 2.8 mg/kg, Chrysene at a maximum of 5.8 mg/kg, and Indeno[1,2,3-cd]pyrene at a maximum of 3 mg/kg, that exceeded their respective Part 375 Unrestricted Use SCOs, but below Part 375 Commercial SCOs. No other SVOCs exceeded unrestricted use SCOs. Only two pesticides, 4,4'-DDE at a maximum of 0.0041 mg/kg and 4,4'-DDT at a maximum of 0.015 mg/kg, were detected in a surface soil sample at concentrations which exceeds their Part 375 Unrestricted SCOs but are less than their Part 375 Commercial SCOs. No PCBs were identified in the surface soil samples. There were no metals that exceeded the Part 375 Commercial Use SCOs. There were several metals that exceeded their Part 375 Unrestricted Use SCOs including Mercury at a maximum of 0.71 mg/kg, Copper at a maximum of 81 mg/kg, Lead at a maximum of 463 mg/kg, and zinc at a maximum of 339 mg/kg. No off-site surface soil samples were taken but it is possible there is off-site surface soil contamination. Subsurface Soils: One VOC, Trichloroethene at a maximum of 620 mg/kg, exceeded its Part 375 Commercial SCO of 200 mg/kg. This exceedance happened in the NW corner of the site. One other VOC, Acetone at a maximum of 0.088 mg/kg, exceeded its Unrestricted Use SCO of 0.05 mg/kg. One SVOC, Benzo[a]pyrene at a maximum of 3.5 mg/kg, exceeded its Part 375 Commercial SCO of 1 mg/kg. This exceedance happened in the NW corner of the site. There are several other compounds, including Benzo[a]anthracene at a maximum of 4.2 mg/kg, Benzo[b]fluoranthene at a maximum of 4.1 mg/kg, Benzo[k]fluoranthene at a maximum of 2.1 mg/kg, Chrysene at a maximum of 3.5 mg/kg, and Indeno[1,2,3-cd]pyrene at a maximum of 1.9 mg/kg, that exceeded their respective Part 375 Unrestricted Use SCOs, but below Part 375 Commercial SCOs. No other SVOCs exceeded unrestricted use SCOs. No pesticides were sampled for in subsurface soils. No PCBs were detected in subsurface soil samples at concentrations exceeding Unrestricted SCOs. No metals were detected in subsurface soil samples at concentrations exceeding Unrestricted SCOs. No off-site subsurface soil samples were taken but it is possible there is off-site subsurface soil contamination. Groundwater (GW) VOCs detected in groundwater above the GW standard include cis-1,2-Dichloroethene at a maximum of 1600 ug/L and Trichloroethene at a maximum of 37000 ug/L. Most of the VOC GW impacts were located in the north portion of the site. No off-site wells were sampled during the remedial investigation.

SIMS MATCHPLATE (Continued) **1008892172**

Health Problem: Access is not restricted and people who enter the site could contact contaminants in the soil by walking on it, digging, or otherwise disturbing the soil. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the soil vapor (air spaces within the soil) may move into buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site related contaminants due to soil vapor intrusion does not represent a current concern. Soil vapor intrusion is a potential concern for offsite buildings.

NY MANIFEST:

Name:	SIMS MATCHPLATE
Address:	2176 ERIE BLVD E
City,State,Zip:	SYRACUSE, NY 13224-1041
Country:	USA
EPA ID:	NYR000135483
Facility Status:	Not reported
Location Address 1:	2176 ERIE BLVD EAST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	SYRACUSE
Location State:	NY
Location Zip:	13224
Location Zip 4:	1041

NY MANIFEST:

EPAID:	NYR000135483
Mailing Name:	SIMS MATCHPLATE
Mailing Contact:	PAUL MCINERNEY
Mailing Address 1:	233 E WASHINGTON STREET
Mailing Address 2:	Not reported
Mailing City:	SYRACUSE
Mailing State:	NY
Mailing Zip:	13202
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	3154488200

81
WSW
1/4-1/2
0.446 mi.
2356 ft.

SYRACUSE WATER DEPT. **NY LTANKS** **S102677595**
101 BEACH STREET **N/A**
SYRACUSE, NY

Relative:
Higher

Actual:
421 ft.

LTANKS:

Name:	SYRACUSE WATER DEPT.
Address:	101 BEACH STREET
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	8704520 / 1987-09-01
Facility ID:	8704520
Site ID:	63320
Spill Date:	1987-09-01
Spill Cause:	Tank Overfill

SYRACUSE WATER DEPT. (Continued) **S102677595**

Spill Source:	Tank Truck
Spill Class:	Not reported
Cleanup Ceased:	1987-09-01
SWIS:	3415
Investigator:	VOLLMER
Referred To:	Not reported
Reported to Dept:	1987-09-01
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	Not reported
Spill Record Last Update:	2003-12-02
Spiller Name:	Not reported
Spiller Company:	AGWAY PETROLEUM
Spiller Address:	RIVER RD.
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	7
DER Facility ID:	61198
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DV / / : VAC TANK REQUESTED. PAT TRAPP WILL VERIFY. "
Remarks:	"TANK OVERFLOWED AFTER 1000 GAL. SPRAYED OUT VENT."

All Materials:

Site ID:	63320
Operable Unit ID:	911004
Operable Unit:	01
Material ID:	552026
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

82
ENE
1/4-1/2
0.460 mi.
2431 ft.

SYRACUSE D P W
1200 CANAL ST EXT
SYRACUSE, NY 13206

NY SWF/LF **S102168052**
NY LTANKS **N/A**
NY Spills
NY MANIFEST

Relative:
Higher

Actual:
423 ft.

SWF/LF:

Name:	CITY OF SYRACUSE C&D T.S.
Address:	1200 CANAL STREET EXT.
City,State,Zip:	SYRACUSE, NY 13210
Flag:	INACTIVE
Region Code:	7
Phone Number:	3154488515

SYRACUSE D P W (Continued) **S102168052**

Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - registration
Activity Number:	[34R02]
Active:	No
East Coordinate:	409920
North Coordinate:	4767846
Accuracy Code:	4.2 - Utilization of GIS and existing spatial data
Regulatory Status:	Registration
Waste Type:	Construction & Demolition Debris
Authorization #:	Not reported
Authorization Date:	1/25/1994
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

LTANKS:

Name:	SYRACUSE DPW DIESEL TANK
Address:	1200 CANAL ST EXT
City,State,Zip:	SYRACUSE, NY 13210
Spill Number/Closed Date:	1008412 / 2011-01-03
Facility ID:	1008412
Site ID:	441903
Spill Date:	2010-11-10
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	3415
Investigator:	KCKEMP
Referred To:	Not reported
Reported to Dept:	2010-11-10
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	2010-11-11
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2010-11-10
Spill Record Last Update:	2011-01-03
Spiller Name:	JIM WILKOS
Spiller Company:	CITY OF SYRACUSE
Spiller Address:	MONTGOMERY ST - CITY HALL

SYRACUSE D P W (Continued) **S102168052**

Spiller County: 999
Spiller Contact: JIM WILKOS
Spiller Phone: 315) 374-3922
Spiller Extention: Not reported
DEC Region: 7
DER Facility ID: 44390
DEC Memo: "Pressurized line leak detector repeatedly tripped Wednesday 11/10/2010 on double wall rigid fiberglass diesel supply line from manifolded Tanks 589-S1 / 001. Line tightness test performed indicated slight leak. Approx 1 gallon of diesel noted in transition sump (no release to environment). S&W Services / CA Norris to excavate affected line, replace with DW flex, and redo line tightness test and PLLD test. Awaiting confirmatory testing before closing spill - KCKemp 2010-11-12. Line replaced and spill closed - KCKemp 2011-01-03"
Remarks: "Line Test Failure"

All TTF:
Facility ID: 1008412
Spill Number: 1008412
Spill Tank Test: 2489772
Site ID: 441903
Tank Number: 589-S1
Tank Size: 10000
Material: 0008
EPA UST: True
UST: True
Cause: 00
Source: 04
Test Method: 14
Test Method 2: VacuTest
Leak Rate: .00
Gross Fail: F
Modified By: KCKEMP
Last Modified Date: Not reported

Facility ID: 1008412
Spill Number: 1008412
Spill Tank Test: 2489773
Site ID: 441903
Tank Number: 001
Tank Size: 10000
Material: 0008
EPA UST: True
UST: True
Cause: 00
Source: 04
Test Method: 14
Test Method 2: VacuTest
Leak Rate: .00
Gross Fail: F
Modified By: KCKEMP
Last Modified Date: Not reported

All Materials:
Site ID: 441903
Operable Unit ID: 1192435

SYRACUSE D P W (Continued) **S102168052**

Operable Unit:	01
Material ID:	2187761
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Name:	SYRACUSE DPW
Address:	1200 CANAL ST EXT
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	0111943 / 2003-10-31
Facility ID:	0111943
Site ID:	193574
Spill Date:	2002-03-19
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	3415
Investigator:	CFMANNES
Referred To:	Not reported
Reported to Dept:	2002-03-19
CID:	205
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-03-19
Spill Record Last Update:	2003-10-31
Spiller Name:	Not reported
Spiller Company:	SYRACUSE DPW
Spiller Address:	1200 CANAL ST EXT
Spiller County:	001
Spiller Contact:	CALLER
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	7
DER Facility ID:	161392
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was CM REMEDIATION ADREESED, SOIL DISPOSAL RECEIPTS NEED TO BE SUBMITTED"
Remarks:	"pulled tank and found contaminated soil/"

All Materials:

Site ID:	193574
Operable Unit ID:	848896
Operable Unit:	01
Material ID:	525964
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported

SYRACUSE D P W (Continued) **S102168052**

Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	SYRACUSE DPW
Address:	1200 CANAL STREET
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	9711008 / 1998-01-05
Facility ID:	9711008
Site ID:	301626
Spill Date:	1997-12-31
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	3415
Investigator:	ROMOCKI
Referred To:	Not reported
Reported to Dept:	1997-12-31
CID:	369
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1997-12-31
Spill Record Last Update:	1997-12-31
Spiller Name:	KEBBYN GIFFIN
Spiller Company:	GRIFFITH ENERGY
Spiller Address:	US RT 11
Spiller County:	001
Spiller Contact:	PAM
Spiller Phone:	(315) 448-8561
Spiller Extention:	Not reported
DEC Region:	7
DER Facility ID:	109011
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MR 01/05/98: INSPECTED SITE . CLEANUP HAS BEEN COMPLETED. CLOSING FILE."
Remarks:	"spill to concrete-spill crew on way to check. crew in route to investigate-all expected to be recovered."

SPILLS:

Name:	PAD MOUNT TRAN
Address:	1200 CANAL STREET
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	0702568 / 2007-10-05
Facility ID:	0702568
Facility Type:	ER
DER Facility ID:	109011
Site ID:	382317
DEC Region:	7

SYRACUSE D P W (Continued) **S102168052**

Spill Cause:	Equipment Failure
Spill Class:	D4
SWIS:	3415
Spill Date:	2007-06-01
Investigator:	kacahill
Referred To:	Not reported
Reported to Dept:	2007-06-01
CID:	444
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2007-06-01
Spill Record Last Update:	2007-10-05
Spiller Name:	SUE SWANSON
Spiller Company:	NATIONAL GRID
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	SUE SWANSON
DEC Memo:	"Transformer located at DPW by main office building. Sue Swanson indicated that this is a slow leak in a large phase transformer which has to be replaced. They have ordered new unit, but will be approx. 6 weeks before it is delivered and installed. Instructed her to remove any affected stone and place plastic barrier down until transfomer is replaced. 08/05/07 NG has not yet received replacement transformer per Sue Swanson. 09/27/07 Sue contacted me to let me know they have replaced the transformer. PCB sample was collected from old transformer. PCBs less than 2 ppm. Analytical results forthcoming."
Remarks:	" ' OIL IS CONFINED BY STONE AROUND PADMOUNT, NOT GOING TO CLEAN UP UNTIL THEY GET A REPLACMENT TRANSFORMER: "

All Materials:

Site ID:	382317
Operable Unit ID:	1139718
Operable Unit:	01
Material ID:	2129759
Material Code:	0020A
Material Name:	transformer oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	DPW GARAGE
Address:	1200 CANAL STREET
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	0707596 / 2007-10-12
Facility ID:	0707596
Facility Type:	ER
DER Facility ID:	109011

SYRACUSE D P W (Continued) **S102168052**

Site ID:	388320
DEC Region:	7
Spill Cause:	Other
Spill Class:	D3
SWIS:	3415
Spill Date:	2007-10-10
Investigator:	kacahill
Referred To:	Not reported
Reported to Dept:	2007-10-10
CID:	444
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	2007-10-10
Cleanup Meets Std:	False
Last Inspection:	2007-10-10
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2007-10-10
Spill Record Last Update:	2008-01-03
Spiller Name:	JEFF WRIGHT
Spiller Company:	DPW GARAGE
Spiller Address:	1200 CANAL STREET
Spiller Company:	001
Contact Name:	JEFF WRIGHT
DEC Memo:	"KAC and RJB responded to spill. DPW encountered and area of product while placing gas line for new asphault batch plant. Isolated area of black weathered product had accumulated in gas line trench, and had been contained when we arrived onsite. Contractor indicated that spill is in vicinty of former elevator associated with the former plant. EPS hired by DPW to remove product with vac truck. No additional product was encountered in subsequent excavation that day."
	Not reported
Remarks:	"WHILE EXCAVAVTING AT ABOVE ADDRESS CAME UPON FUEL OIL IN GROUND:"

All Materials:

Site ID:	388320
Operable Unit ID:	1145497
Operable Unit:	01
Material ID:	2135833
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	8.00
Oxygenate:	Not reported

Name:	SYRACUSE PUBLIC WORKS
Address:	1200 CANAL STREET
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	0305542 / 2003-11-05
Facility ID:	0305542
Facility Type:	ER
DER Facility ID:	109011

SYRACUSE D P W (Continued) **S102168052**

Site ID:	126052
DEC Region:	7
Spill Cause:	Deliberate
Spill Class:	C3
SWIS:	3415
Spill Date:	2003-08-25
Investigator:	CFMANNES
Referred To:	Not reported
Reported to Dept:	2003-08-25
CID:	204
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-08-25
Spill Record Last Update:	2003-11-05
Spiller Name:	PAT CORBATE
Spiller Company:	SYRACUSE PUBLIC WORKS
Spiller Address:	1200 CANAL STREET
Spiller Company:	001
Contact Name:	JERRY ABRANTES
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was CM CITY INSTALLING NEW TRECH DRAIN INSIDE REPAIR GARAGE, DURING REPLACEMENT MINOR CONTAMINATION REMOVED FROM AROUND EXCAVATION AREAS, SOIL TO BE DISPOSED AT A PERMITTED FACILITY, DISPOSAL RECEIPTS TO BE FORWARDED TO DEC."
Remarks:	"OIL AND GASOLINE FROM OVER THE YEARS"

All Materials:

Site ID:	126052
Operable Unit ID:	872140
Operable Unit:	01
Material ID:	502793
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	NI-MO
Address:	1200 CANAL STREET
City,State,Zip:	SYRACUSE, NY
Spill Number/Closed Date:	9505463 / 1995-08-03
Facility ID:	9505463
Facility Type:	ER
DER Facility ID:	109011
Site ID:	126053
DEC Region:	7
Spill Cause:	Equipment Failure

SYRACUSE D P W (Continued) **S102168052**

Spill Class:	C4
SWIS:	3415
Spill Date:	1995-08-02
Investigator:	MENASH
Referred To:	Not reported
Reported to Dept:	1995-08-02
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	1995-08-03
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	Not reported
Spill Record Last Update:	2003-12-02
Spiller Name:	Not reported
Spiller Company:	NIAGARA MOHAWK
Spiller Address:	300 ERIE BLVD
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MN "
Remarks:	"TRUCK HIT UTILITY POLE CAUSING TRANSFORMER TO FALL CAUSING A 5 GAL SPILL."

All Materials:

Site ID:	126053
Operable Unit ID:	1020370
Operable Unit:	01
Material ID:	363454
Material Code:	0016A
Material Name:	non PCB oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

NY MANIFEST:

Name:	SYRACUSE D P W
Address:	1200 CANAL ST EXT
City,State,Zip:	SYRACUSE, NY 13206
Country:	USA
EPA ID:	NYD982738221
Facility Status:	Not reported
Location Address 1:	1200 CANAL ST EXT
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	SYRACUSE
Location State:	NY
Location Zip:	13202

SYRACUSE D P W (Continued) **S102168052**

Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD982738221
Mailing Name: SYRACUSE D P W
Mailing Contact: ANN FORDOCK
Mailing Address 1: 1200 CANAL ST EXT
Mailing Address 2: Not reported
Mailing City: SYRACUSE
Mailing State: NY
Mailing Zip: 13202
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 3154488515

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: Not reported
Trans1 State ID: TXR000081205
Trans2 State ID: Not reported
Generator Ship Date: 12/29/2016
Trans1 Recv Date: 12/29/2016
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/29/2016
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982738221
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NYD982743312
TSDF ID 2: Not reported
Manifest Tracking Number: 005755384SKS
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 15
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1

SYRACUSE D P W (Continued) **S102168052**

Waste Code:	D039
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Count: 5 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ONONDAGA COUNTY	S113916670	CHATHAM WOODS	734080 CHATHAM WOODS		NY SHWS
SYRACUSE	S113922034	CORNER OF ERIE BLVD. & PEAT STREET	CORNER OF ERIE BLVD & PEAT STR		NY VCP
SYRACUSE	S106229062	CARBACIO AUTO	1915 ERIE BOULEVARD EAST & COR	13210	NY ENG CONTROLS, NY INST CONTROL, NY VCP, NY BROWNFIEL
SYRACUSE	S113916782	CITY CROSSROADS PROPERTIES	GREENWAY AVE.	13210	NY SHWS
SYRACUSE	1003864307	PETER WINKELMAN CO, INC.	TEALL AVE.	13217	SEMS-ARCHIVE

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/06/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 87

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/15/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 30

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/04/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/24/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/24/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 87

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/11/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 83

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 07/01/2020
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/22/2020
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 09/23/2020
Next Scheduled EDR Contact: 01/10/2021
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/15/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

LTANKS: Spills Information Database
Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 82
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 02/01/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

UST: Petroleum Bulk Storage (PBS) Database

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/23/2020
Date Made Active in Reports: 09/09/2020
Number of Days to Update: 78

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 09/23/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

CBS: Chemical Bulk Storage Site Listing

These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/23/2020
Date Made Active in Reports: 09/09/2020
Number of Days to Update: 78

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 09/23/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

MOSF: Major Oil Storage Facility Site Listing

These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/23/2020
Date Made Active in Reports: 09/09/2020
Number of Days to Update: 78

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 09/23/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/23/2020
Date Made Active in Reports: 09/09/2020
Number of Days to Update: 78

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 09/23/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/03/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

TANKS: Storage Tank Faciliy Listing
This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/23/2020
Date Made Active in Reports: 09/09/2020
Number of Days to Update: 78
Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 09/23/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

ENV RES DECL: Environmental Restrictive Declarations
The Environmental Restrictive Declarations (ERD) listed were recorded in connection with a zoning action against the noted Tax Blocks and Tax Lots, or portion thereof, and are available in the property records on file at the Office of the City Register for Bronx, Kings, New York and Queens counties or at the Richmond County Clerk's office. They contain environmental requirements with respect to hazardous materials, air quality and/or noise in accordance with Section 11-15 of this Resolution.

Date of Government Version: 04/22/2020
Date Data Arrived at EDR: 06/18/2020
Date Made Active in Reports: 09/04/2020
Number of Days to Update: 78
Source: New York City Department of City Planning
Telephone: 212-720-3300
Last EDR Contact: 09/18/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Varies

RES DECL: Restrictive Declarations Listing
A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 03/02/2020
Number of Days to Update: 77
Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 09/18/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Varies

ENG CONTROLS: Registry of Engineering Controls
Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/11/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 83
Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls
Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/11/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 83
Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

VCP NYC: Voluntary Cleanup Program Listing NYC
New York City voluntary cleanup program sites.

Date of Government Version: 07/24/2020
Date Data Arrived at EDR: 07/24/2020
Date Made Active in Reports: 10/12/2020
Number of Days to Update: 80

Source: New York City Office of Environmental Protection
Telephone: 212-788-8841
Last EDR Contact: 09/11/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Agreements

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/11/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 83

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Semi-Annually

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/16/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site List

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/11/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 83

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Semi-Annually

ERP: Environmental Restoration Program Listing

In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/11/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 83

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 02/27/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 63

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 09/02/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: No Update Planned

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 07/01/2020
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/22/2020
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 09/24/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/20/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 10/30/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: No Update Planned

DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/11/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 83

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

DEC surveyed select businesses, fire departments, fire training centers, bulk storage facilities, airports, and Department of Defense (DoD) facilities. The responses to the survey have helped to determine if these entities used or stored materials containing PFOA/PFOS including AFFF and dispersants used in Teflon coating operations. The results of this survey will be updated periodically as additional responses are received..

Date of Government Version: 01/16/2019
Date Data Arrived at EDR: 05/08/2019
Date Made Active in Reports: 06/24/2019
Number of Days to Update: 47

Source: Department of Environmental Conservation
Telephone: 518-402-9020
Last EDR Contact: 08/06/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Spill Liens Information
Lien information from the Oil Spill Fund.

Date of Government Version: 10/30/2020
Date Data Arrived at EDR: 10/30/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 3
Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22
Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/23/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 86
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

SPILLS: Spills Information Database
Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/12/2013
Number of Days to Update: 40

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 08/05/2020
Date Data Arrived at EDR: 08/13/2020
Date Made Active in Reports: 10/21/2020
Number of Days to Update: 69

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/13/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/08/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/02/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/06/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/18/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 79

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/14/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 07/20/2020
Date Data Arrived at EDR: 07/21/2020
Date Made Active in Reports: 10/08/2020
Number of Days to Update: 79

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/19/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 07/24/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 10/21/2020
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/14/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/05/2020
Date Data Arrived at EDR: 08/10/2020
Date Made Active in Reports: 10/08/2020
Number of Days to Update: 59
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 01/31/2021
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 42
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/04/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/31/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/06/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/24/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/27/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/21/2020
Number of Days to Update: 6

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/06/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/21/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/01/2020
Date Data Arrived at EDR: 05/21/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/25/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 05/28/2020
Date Data Arrived at EDR: 05/28/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 77

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 09/10/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 80

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/16/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/03/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 86

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/08/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/27/2020
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/28/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 10/06/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/17/2020
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 10/21/2020
Number of Days to Update: 65

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/17/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Quarterly

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 63

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 10/14/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Annually

COAL ASH: Coal Ash Disposal Site Listing
A listing of coal ash disposal site locations.

Date of Government Version: 07/01/2020
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/22/2020
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 09/24/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

DRYCLEANERS: Registered Drycleaners
A listing of all registered drycleaning facilities.

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/12/2020
Date Made Active in Reports: 09/02/2020
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 08/31/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING
The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 02/27/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 06/10/2020
Number of Days to Update: 77

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 09/18/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Semi-Annually

Financial Assurance 1: Financial Assurance Information Listing
Financial assurance information.

Date of Government Version: 06/25/2020
Date Data Arrived at EDR: 06/25/2020
Date Made Active in Reports: 07/22/2020
Number of Days to Update: 27

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 10/07/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 06/11/2020
Date Data Arrived at EDR: 06/16/2020
Date Made Active in Reports: 09/02/2020
Number of Days to Update: 78

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 09/02/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Varies

HSWDS: Hazardous Substance Waste Disposal Site Inventory
The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/30/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Quarterly

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 07/28/2020
Date Data Arrived at EDR: 08/06/2020
Date Made Active in Reports: 10/28/2020
Number of Days to Update: 83

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 10/14/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: No Update Planned

VAPOR REOPENED: Vapor Intrusion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 12/01/2018
Date Data Arrived at EDR: 02/13/2019
Date Made Active in Reports: 06/13/2019
Number of Days to Update: 120

Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 08/14/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 05/31/2020
Date Data Arrived at EDR: 06/03/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 71

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 09/01/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

COOLING TOWERS: Registered Cooling Towers

This data includes the location of cooling towers registered with New York State. The data is self-reported by owners/property managers of cooling towers in service in New York State. In August 2015, the New York State Department of Health released emergency regulations requiring the owners of cooling towers to register them with New York State.

Date of Government Version: 07/07/2020
Date Data Arrived at EDR: 07/14/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 78

Source: Department of Health
Telephone: 518-402-7650
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

NYC LEAD 2: Recent Lead Paint Violations

Pursuant to New York City?s Housing Maintenance Code, the Department of Housing Preservation and Development (HPD) issues violations against conditions in rental dwelling units that have been verified to violate the New York City Housing Maintenance Code (HMC) or the New York State Multiple Dwelling Law (MDL). Violations are issued when an inspection verifies that a violation of the HMC or MDL exists. It is closed when the violation is corrected, as observed/verified by HPD or as certified by the landlord.

Date of Government Version: 05/28/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 30

Source: New York City Department of Housing Preservation & Development
Telephone: 212-863-8200
Last EDR Contact: 10/26/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

NYC LEAD: Lead-based Paint Testing Results

The results of the inspections for all classrooms serving students under six in applicable buildings. Identifies all classrooms, whether there was observation of peeling paint, and if there was, standard response protocol was followed.

Date of Government Version: 05/28/2020
Date Data Arrived at EDR: 05/29/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 34

Source: New York City Department of Education
Telephone: 212-374-5141
Last EDR Contact: 10/26/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

CORTLAND COUNTY:

AST - CORTLAND: Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 57

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 10/22/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Quarterly

UST - CORTLAND: Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 57

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 10/22/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Quarterly

NASSAU COUNTY:

AST - NASSAU: Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 10/22/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: No Update Planned

AST NCFM: Storage Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 10/22/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Varies

TANKS NASSAU: Registered Tank Database in Nassau County
A listing of facilities in Nassau County with storage tanks.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35
Source: Nassau County Department of Health
Telephone: 516-227-9691
Last EDR Contact: 10/22/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Varies

UST - NASSAU: Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35
Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 10/22/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: No Update Planned

UST NCFM: Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34
Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 10/22/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Varies

ROCKLAND COUNTY:

AST - ROCKLAND: Petroleum Bulk Storage Database
A listing of aboveground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189
Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: No Update Planned

UST - ROCKLAND: Petroleum Bulk Storage Database
A listing of underground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189
Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: No Update Planned

SUFFOLK COUNTY:

AST - SUFFOLK: Storage Tank Database
A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 10/22/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: No Update Planned

TANKS SUFFOLK: Storage Tank Database
This county is not included in the state?s database. These are facilities that have no tank information in the storage tank database.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 02/05/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 31
Source: Department of Health Services
Telephone: 631-854-2516
Last EDR Contact: 10/22/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Varies

UST - SUFFOLK: Storage Tank Database
A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 10/22/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

AST - WESTCHESTER: Listing of Storage Tanks
A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 06/09/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/18/2020
Number of Days to Update: 70
Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 10/22/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Semi-Annually

UST - WESTCHESTER: Listing of Storage Tanks
A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 06/09/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/18/2020
Number of Days to Update: 70
Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 10/22/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Semi-Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 10/20/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 13
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 10/20/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/09/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/07/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 10/02/2019
Date Made Active in Reports: 12/10/2019
Number of Days to Update: 69

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/09/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 10/08/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/02/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

102 GREENWAY
102 GREENWAY
SYRACUSE, NY 13210

TARGET PROPERTY COORDINATES

Latitude (North):	43.05227 - 43° 3' 8.17''
Longitude (West):	76.118653 - 76° 7' 7.15''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	408894.8
UTM Y (Meters):	4767011.5
Elevation:	417 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5938263 SYRACUSE EAST, NY
Version Date:	2013
West Map:	5937769 SYRACUSE WEST, NY
Version Date:	2013

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

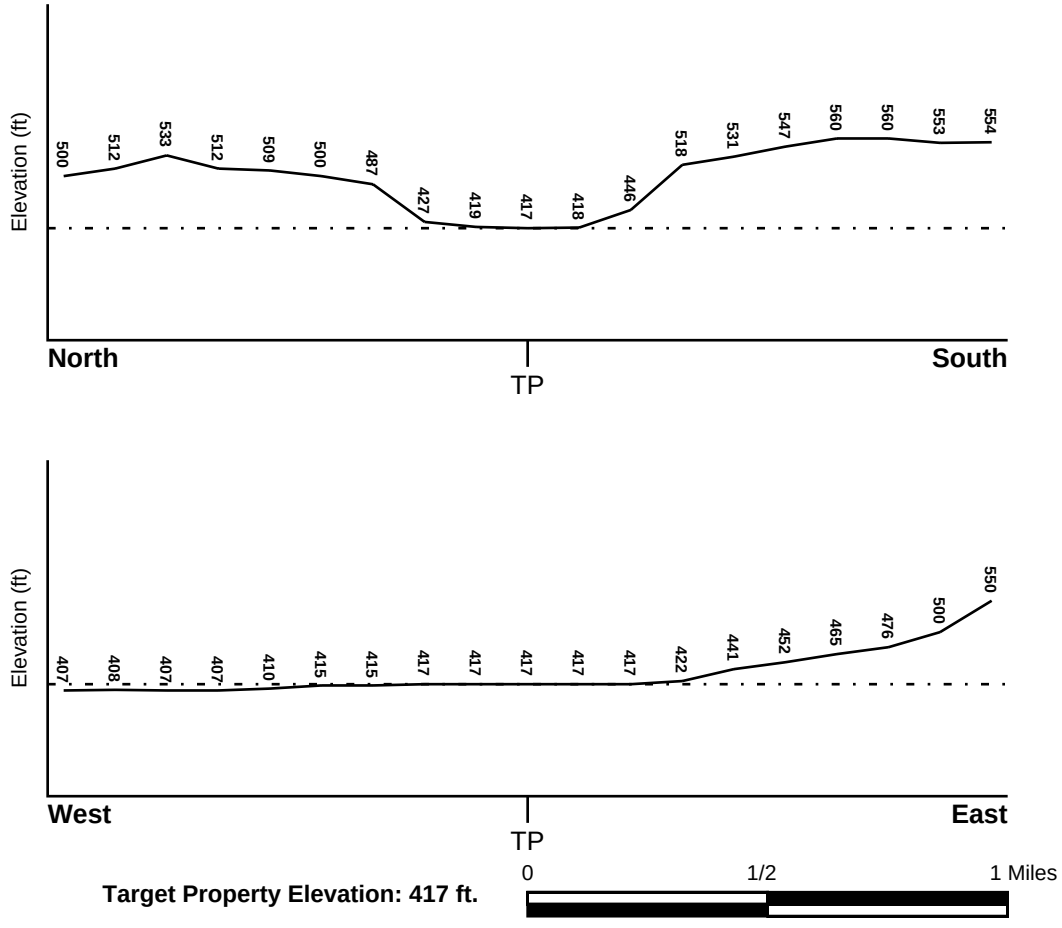
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General North

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
3605950004E	FEMA Q3 Flood data

Additional Panels in search area:	FEMA Source Type
3605950002D	FEMA Q3 Flood data
3605950006D	FEMA Q3 Flood data
3605950008D	FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SYRACUSE EAST	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

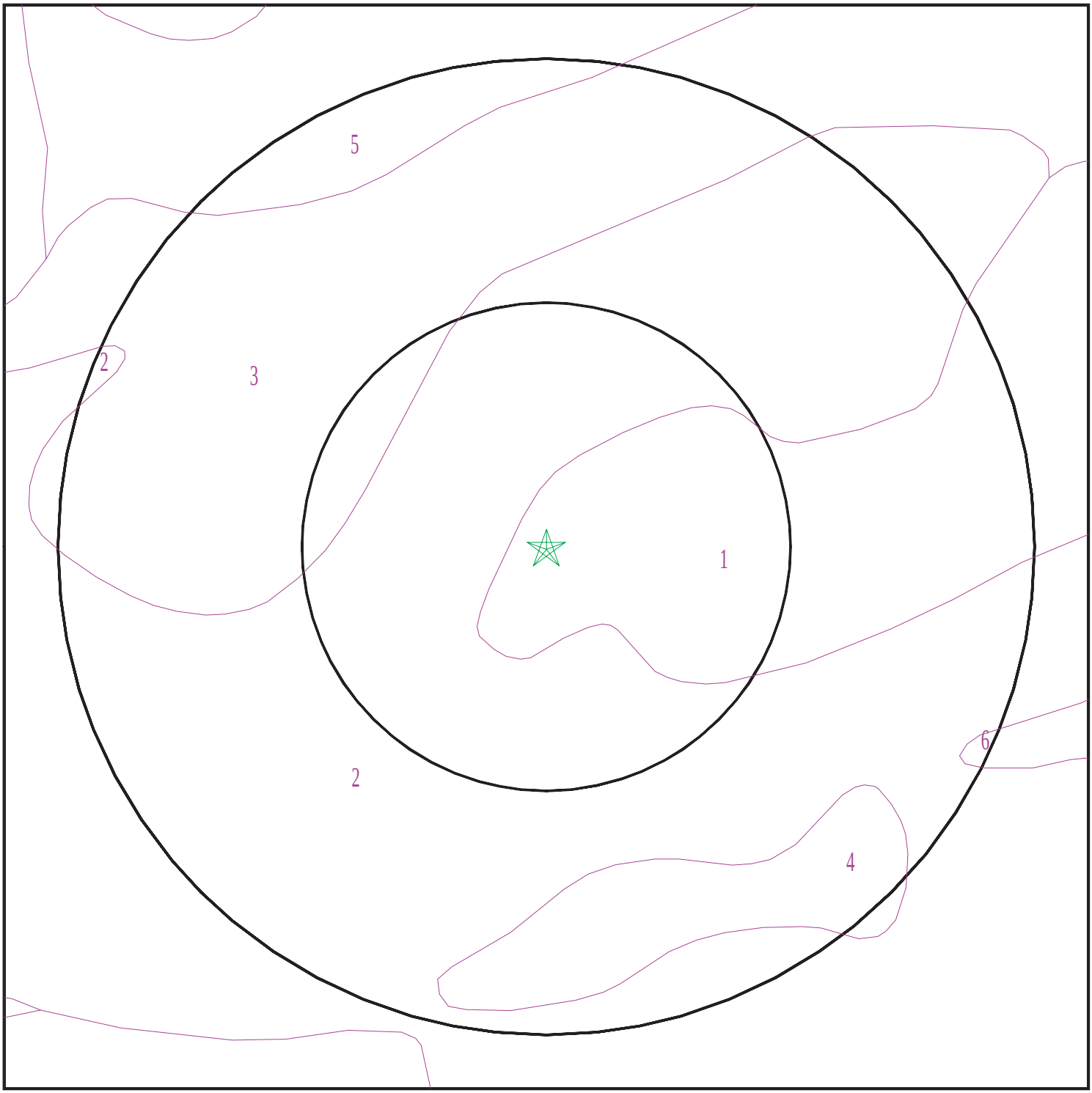
Era:	Paleozoic
System:	Silurian
Series:	Upper Silurian (Cayugan)
Code:	S3 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 6251255.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	102 Greenway	CLIENT:	Stantec
ADDRESS:	102 Greenway Syracuse NY 13210	CONTACT:	Katie Nelson
		INQUIRY #:	6251255.2s
LAT/LONG:	43.05227 / 76.118653	DATE:	November 03, 2020 12:09 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Udorthents

Soil Surface Texture: gravelly sandy loam

Hydrologic Group: Class A/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 137 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	3 inches	gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 42 Min: 0.42	Max: 8.4 Min: 4.5
2	3 inches	70 inches	very gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 42 Min: 0.42	Max: 8.4 Min: 4.5

Soil Map ID: 2

Soil Component Name: Urban land

Soil Surface Texture: gravelly sandy loam

Hydrologic Group: Class A/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class:

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 3

Soil Component Name: Palmyra

Soil Surface Texture: gravelly loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 141 Min: 42	Max: 8.4 Min: 7.4
2	14 inches	31 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 141 Min: 42	Max: 8.4 Min: 7.4
3	31 inches	59 inches	stratified very gravelly sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 141 Min: 42	Max: 8.4 Min: 7.4

Soil Map ID: 4

Soil Component Name: Madrid

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 101 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
2	9 inches	18 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
3	18 inches	42 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
4	42 inches	72 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Map ID: 5

Soil Component Name: Palmyra

Soil Surface Texture: gravelly loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 141 Min: 42	Max: 8.4 Min: 7.4
2	14 inches	31 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 141 Min: 42	Max: 8.4 Min: 7.4
3	31 inches	59 inches	stratified very gravelly sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 141 Min: 42	Max: 8.4 Min: 7.4

Soil Map ID: 6

Soil Component Name: Ontario

Soil Surface Texture: gravelly loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 101 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
2	14 inches	31 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
3	31 inches	59 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000869600	0 - 1/8 Mile WNW
2	USGS40000869564	1/8 - 1/4 Mile East
3	USGS40000869590	1/4 - 1/2 Mile West
4	USGS40000869591	1/4 - 1/2 Mile West
5	USGS40000869745	1/4 - 1/2 Mile NE
6	USGS40000869422	1/4 - 1/2 Mile WSW
7	USGS40000869514	1/4 - 1/2 Mile West
8	USGS40000869281	1/2 - 1 Mile SW
A9	USGS40000869515	1/2 - 1 Mile West
10	USGS40000869757	1/2 - 1 Mile ENE
A11	USGS40000869513	1/2 - 1 Mile West
12	USGS40000869940	1/2 - 1 Mile NE
13	USGS40000869645	1/2 - 1 Mile East
B14	USGS40000869532	1/2 - 1 Mile West
B15	USGS40000869500	1/2 - 1 Mile West
16	USGS40000869766	1/2 - 1 Mile ENE
17	USGS40000869516	1/2 - 1 Mile West
18	USGS40000869833	1/2 - 1 Mile ENE
19	USGS40000870137	1/2 - 1 Mile NNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

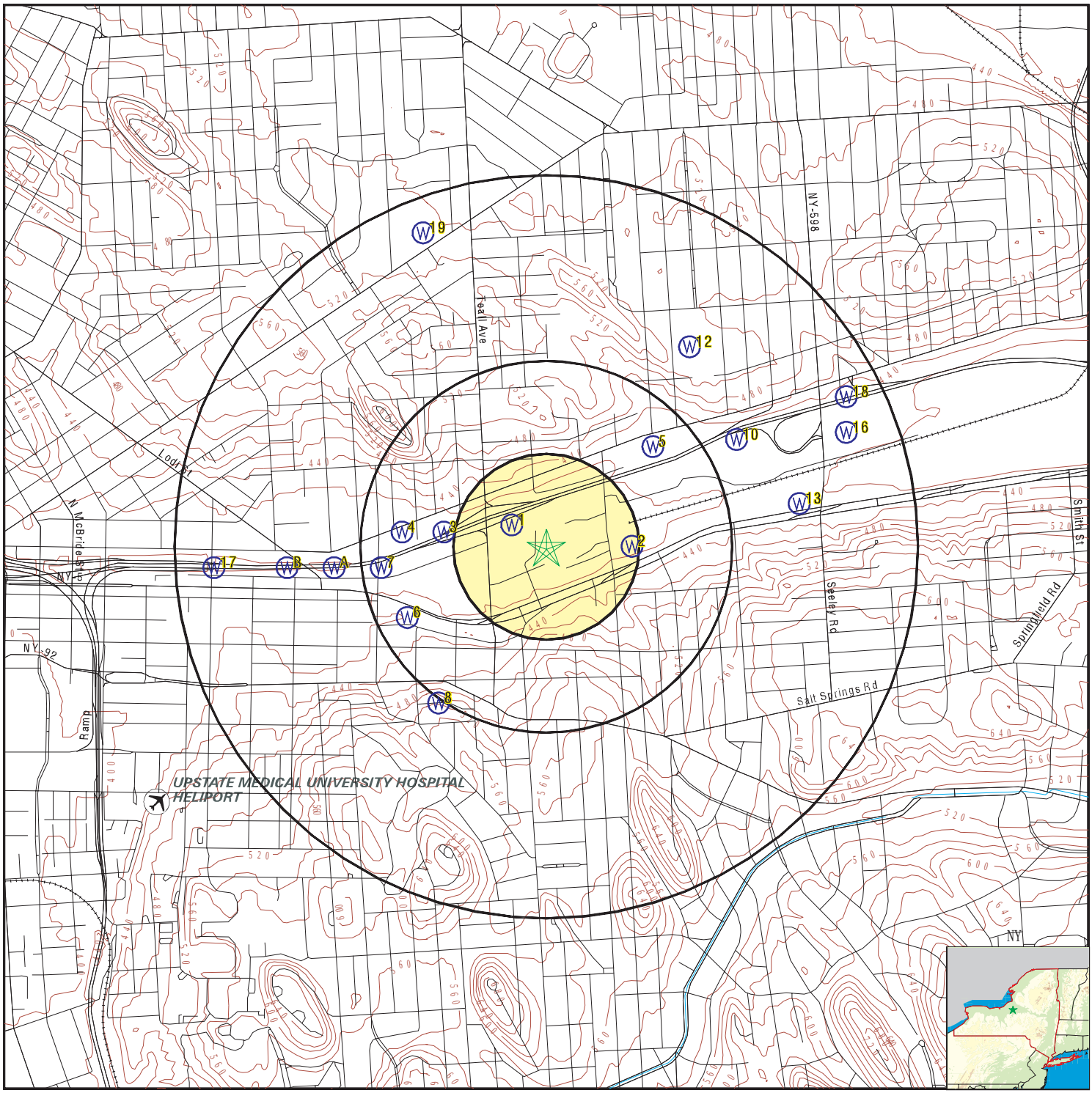
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 6251255.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: 102 Greenway	CLIENT: Stantec
ADDRESS: 102 Greenway Syracuse NY 13210	CONTACT: Katie Nelson INQUIRY #: 6251255.2s
LAT/LONG: 43.05227 / 76.118653	DATE: November 03, 2020 12:09 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
WNW
0 - 1/8 Mile
Higher

FED USGS **USGS40000869600**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	OD1560		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	04140201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19610223
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	55	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1961-02-23
Feet below surface:	10	Feet to sea level:	Not Reported
Note:	Not Reported		

2
East
1/8 - 1/4 Mile
Higher

FED USGS **USGS40000869564**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	OD 602		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	04140201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	293	Well Hole Depth Units:	ft

3
West
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000869590**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	OD1559		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	04140201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19610719
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	53	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1961-07-19
Feet below surface:	-11	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

4
West
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000869591**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	OD 600		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	04140201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	115	Well Hole Depth Units:	ft

5
NE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000869745**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	OD 603		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	04140201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	300	Well Hole Depth Units:	ft

6
WSW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000869422**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	OD 599		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	04140201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	170	Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

7
West
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000869514**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	OD1608		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	04140201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19620614
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	44	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1962-06-14
Feet below surface:	12	Feet to sea level:	Not Reported
Note:	Not Reported		

8
SW
1/2 - 1 Mile
Higher

FED USGS **USGS40000869281**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	OD 252	Type:	Well
Description:	Not Reported	HUC:	04140201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	New York and New England carbonate-rock aquifers		
Formation Type:	Silurian, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	170
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

A9
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000869515**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	OD1607		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	04140201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19620710
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	45	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1962-07-10
Feet below surface:	17	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

10
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000869757**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	OD1558		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	04140201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19610814
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	53	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1961-08-14
Feet below surface:	3.5	Feet to sea level:	Not Reported
Note:	Not Reported		

A11
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000869513**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	OD 521		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	04140201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	53	Well Hole Depth Units:	ft

12
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000869940**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	OD1781		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	04140201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19830428
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	20.5	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1983-04-28
Feet below surface:	Not Reported	Feet to sea level:	Not Reported
Note:	The site was dry (no water level recorded).		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

13
East
1/2 - 1 Mile
Higher

FED USGS **USGS40000869645**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	OD1667		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	04140201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19960119
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	54.5	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1996-01-19
Feet below surface:	10	Feet to sea level:	Not Reported
Note:	Not Reported		

B14
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000869532**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	OD1605		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	04140201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19620705
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	42	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1962-07-05
Feet below surface:	9.2	Feet to sea level:	Not Reported
Note:	Not Reported		

B15
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000869500**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	OD1606		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	04140201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19610314
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	42	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1961-03-14
Feet below surface:	4.6	Feet to sea level:	Not Reported
Note:	Not Reported		

16
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000869766**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	OD1568		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	04140201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19640317
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	62	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1964-03-17
Feet below surface:	6	Feet to sea level:	Not Reported
Note:	Not Reported		

17
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000869516**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	OD1604		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	04140201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19620628
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	64	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1962-06-28
Feet below surface:	31	Feet to sea level:	Not Reported
Note:	Not Reported		

18
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000869833**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	OD1567		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	04140201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19640320

Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	32	Well Hole Depth Units:	ft

19
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000870137**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	OD1775		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	04140201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1972
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	44.5	Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: NY Radon

Radon Test Results

County	Town	Num Tests	Avg Result	Geo Mean	Max Result
ONONDAGA	CAMILLUS	980	11.38	6	188.3
ONONDAGA	CICERO	275	1.96	1.28	30.5
ONONDAGA	CLAY	328	2	1.19	30.4
ONONDAGA	DE WITT	754	10.01	3.76	346.7
ONONDAGA	ELBRIDGE	129	13.42	6.2	96.1
ONONDAGA	FABIUS	26	5.17	3.03	26.5
ONONDAGA	GEDDES	291	9.25	4.79	99.3
ONONDAGA	LAFAYETTE	105	7.39	4.25	95.6
ONONDAGA	LYSANDER	272	4.14	2.1	89.1
ONONDAGA	MANLIUS	1,442	11.4	5.03	341.8
ONONDAGA	MARCELLUS	251	5.91	3.39	98
ONONDAGA	ONONDAGA	294	10.8	5.9	89.4
ONONDAGA	OTISCO	21	7.32	3.64	40.1
ONONDAGA	POMPEY	105	6.84	4.7	35
ONONDAGA	SALINA	449	2.49	1.49	69.5
ONONDAGA	SKANEATELES	203	4.39	2.43	105.7
ONONDAGA	SPAFFORD	16	3.66	2.32	8.8
ONONDAGA	SYRACUSE	2,334	6.8	3.48	185.4
ONONDAGA	TULLY	140	18.29	8.48	165.2
ONONDAGA	VAN BUREN	119	6.68	2.5	70.1

Federal EPA Radon Zone for ONONDAGA County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for ONONDAGA COUNTY, NY

Number of sites tested: 476

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	1.760 pCi/L	76%	21%	3%
Basement	3.000 pCi/L	62%	29%	9%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Source: Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Appendix E HISTORICAL RECORDS

102 Greenway

102 Greenway

Syracuse, NY 13210

Inquiry Number: 6251255.3

November 04, 2020

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

11/04/20

Site Name:

102 Greenway
102 Greenway
Syracuse, NY 13210
EDR Inquiry # 6251255.3

Client Name:

Stantec
61 Commercial Street
Rochester, NY 14614
Contact: Katie Nelson

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The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 80EE-43D7-97AA

PO # 190502013

Project 102 Greenway

Maps Provided:

1990
1971
1968
1964
1953
1951
1910

Sanborn® Library search results

Certification #: 80EE-43D7-97AA

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

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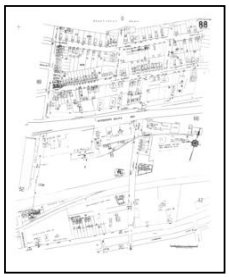
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Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1990 Source Sheets



Volume 1, Sheet 88
1990

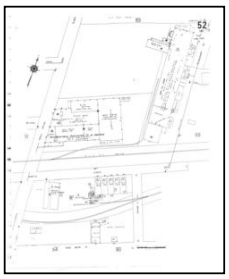


Volume 1, Sheet 52
1990

1971 Source Sheets

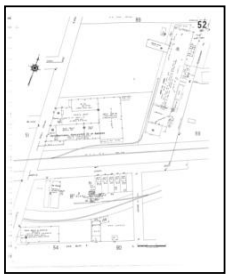


Volume 1, Sheet 88
1971

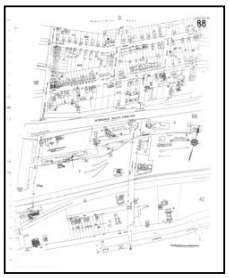


Volume 1, Sheet 52
1971

1968 Source Sheets



Volume 1, Sheet 52
1968

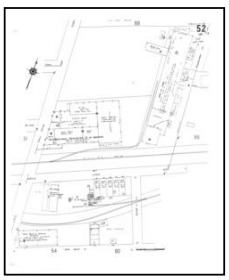


Volume 1, Sheet 88
1968

1964 Source Sheets



Volume 1, Sheet 88
1964



Volume 1, Sheet 52
1964

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1953 Source Sheets

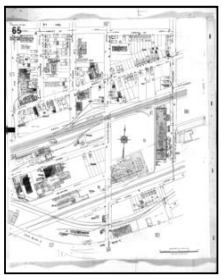


Volume 1, Sheet 52
1953

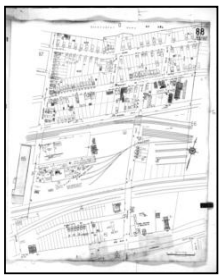


Volume 1, Sheet 88
1953

1951 Source Sheets



Volume 1, Sheet 65
1951

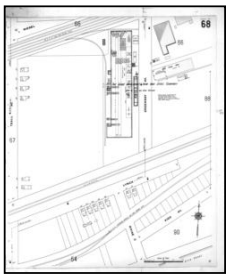


Volume 1, Sheet 88
1951

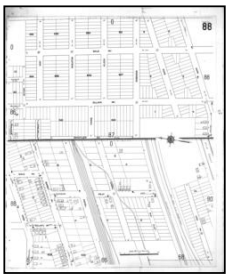
1910 Source Sheets



Volume 1, Sheet 66
1910



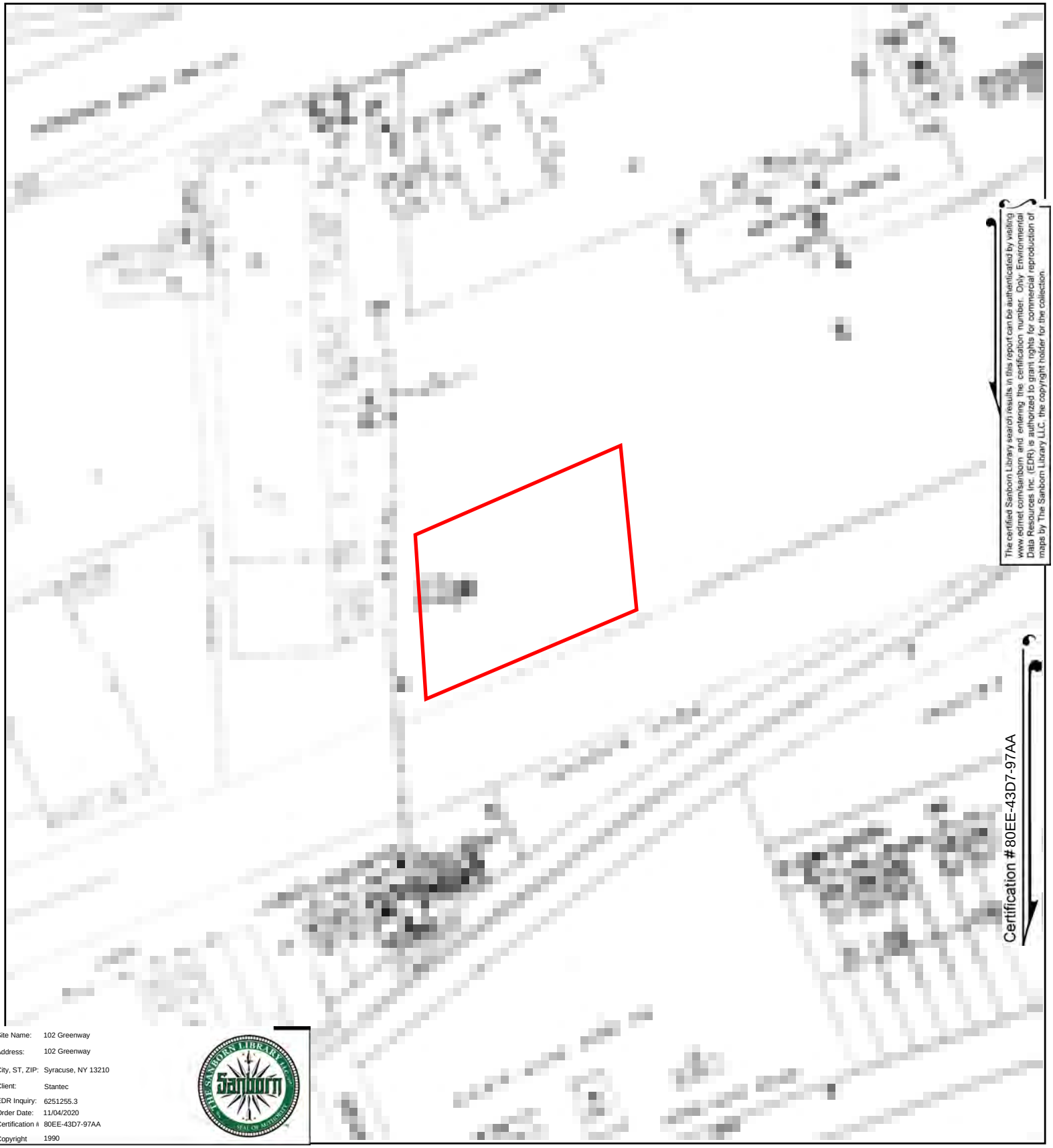
Volume 1, Sheet 68
1910



Volume 1, Sheet 88
1910



Volume 1, Sheet 90
1910



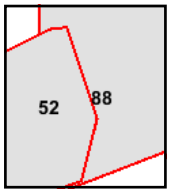
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Certification #80EE-43D7-97AA

Site Name: 102 Greenway
Address: 102 Greenway
City, ST, ZIP: Syracuse, NY 13210
Client: Stantec
EDR Inquiry: 6251255.3
Order Date: 11/04/2020
Certification #: 80EE-43D7-97AA
Copyright: 1990

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

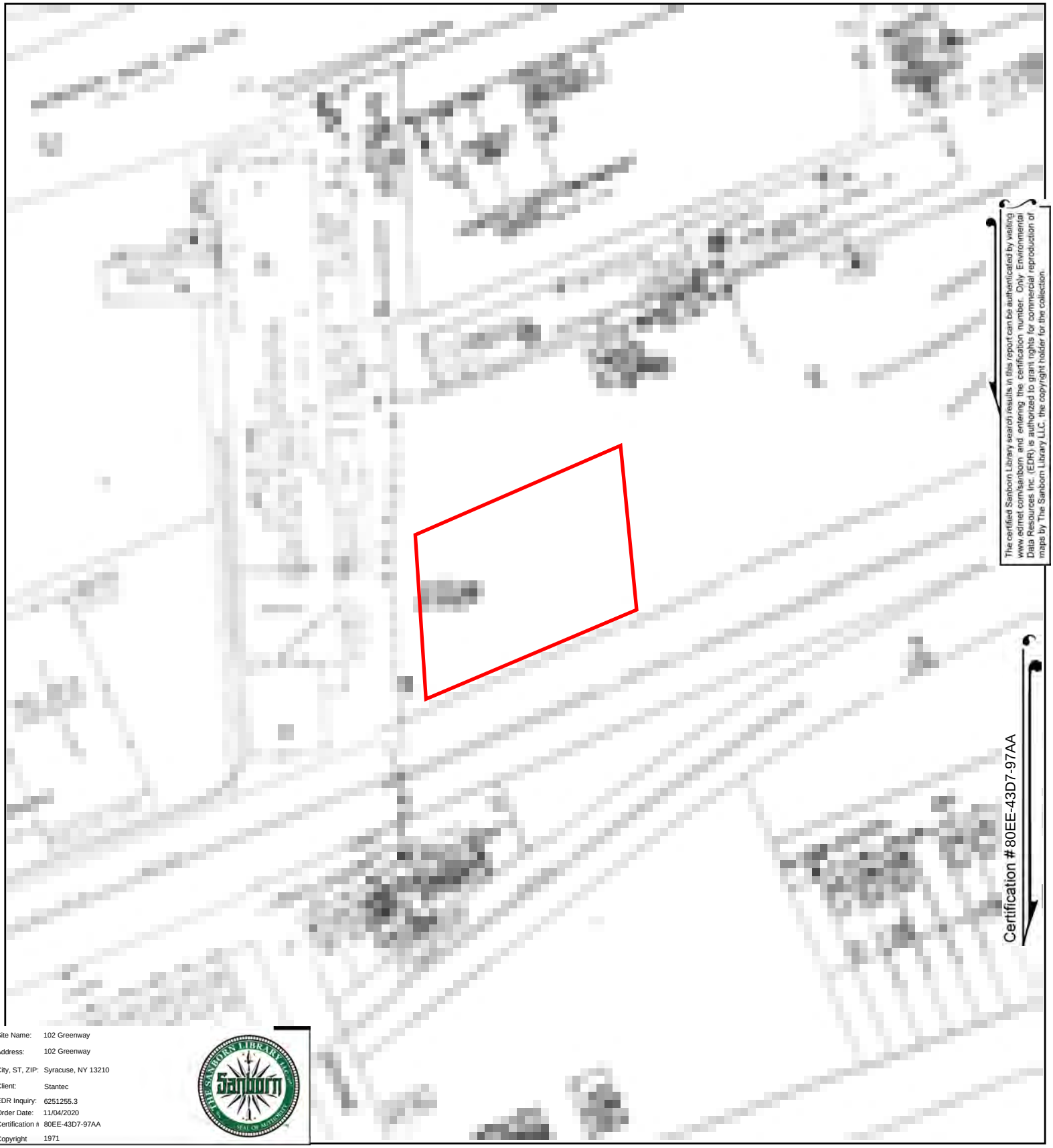




Volume 1, Sheet 52
Volume 1, Sheet 88

0 Feet 150 300 600

N



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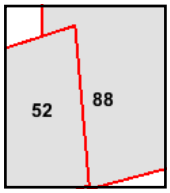
Certification #80EE-43D7-97AA

Site Name: 102 Greenway
Address: 102 Greenway
City, ST, ZIP: Syracuse, NY 13210
Client: Stantec
EDR Inquiry: 6251255.3
Order Date: 11/04/2020
Certification #: 80EE-43D7-97AA
Copyright: 1971

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0 Feet 150 300 600



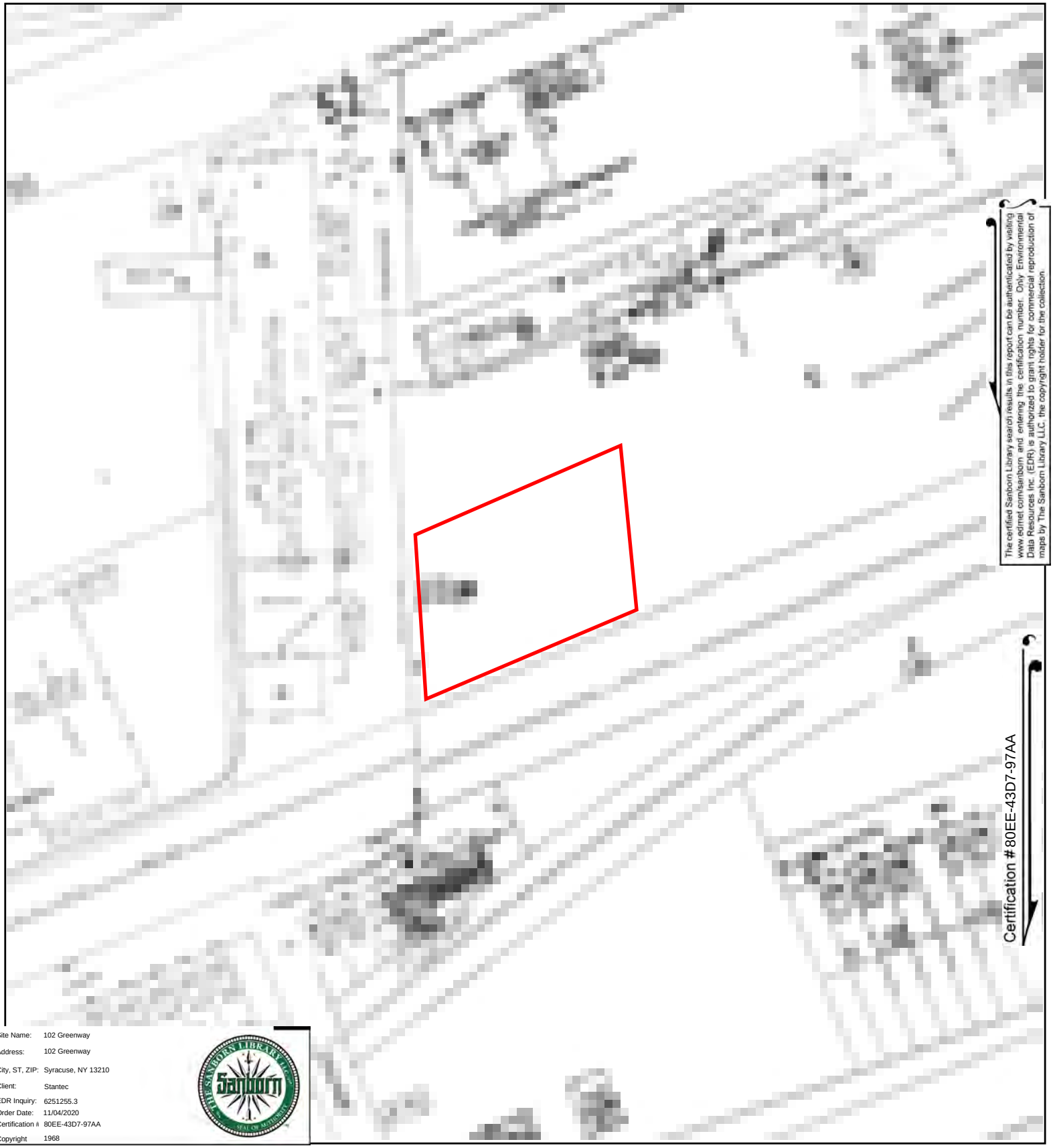


Volume 1, Sheet 52
Volume 1, Sheet 88

N

Certified Sanborn® Map

1968



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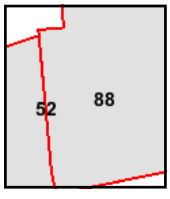
Certification #80EE-43D7-97AA

Site Name: 102 Greenway
Address: 102 Greenway
City, ST, ZIP: Syracuse, NY 13210
Client: Stantec
EDR Inquiry: 6251255.3
Order Date: 11/04/2020
Certification #: 80EE-43D7-97AA
Copyright: 1968

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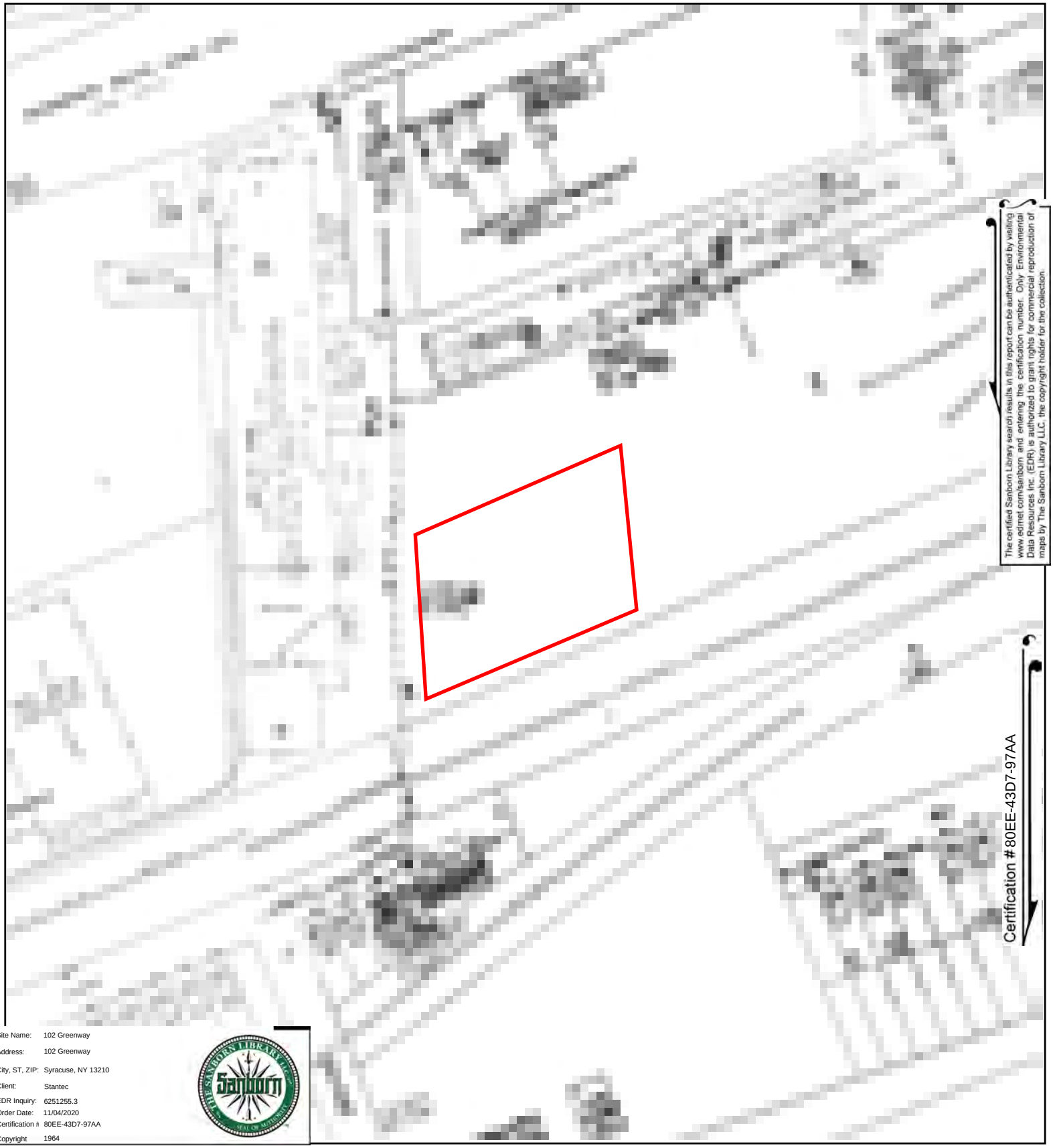
0 Feet 150 300 600





Volume 1, Sheet 88
Volume 1, Sheet 52

N



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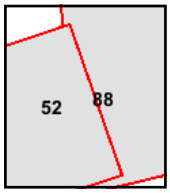
Certification # 80EE-43D7-97AA

Site Name: 102 Greenway
Address: 102 Greenway
City, ST, ZIP: Syracuse, NY 13210
Client: Stantec
EDR Inquiry: 6251255.3
Order Date: 11/04/2020
Certification #: 80EE-43D7-97AA
Copyright: 1964

This Certified Sanborn Map combines the following sheets.
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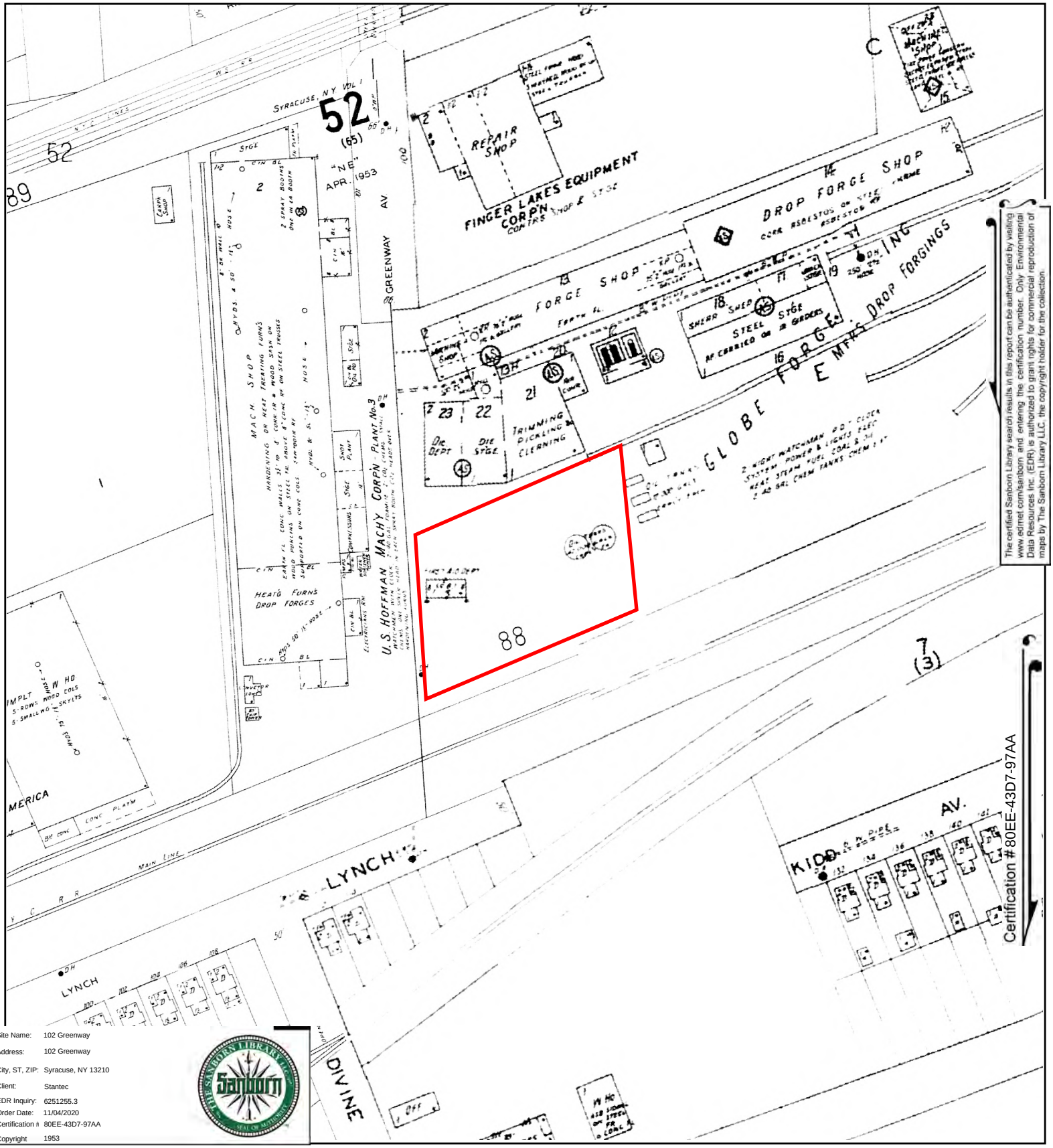
0 Feet 150 300 600





Volume 1, Sheet 52
Volume 1, Sheet 88

N



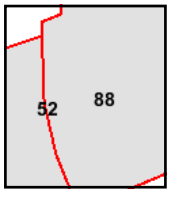
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Site Name:	102 Greenway
Address:	102 Greenway
City, ST, ZIP:	Syracuse, NY 13210
Client:	Stantec
EDR Inquiry:	6251255.3
Order Date:	11/04/2020
Certification #:	80EE-43D7-97AA
Copyright	1953

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

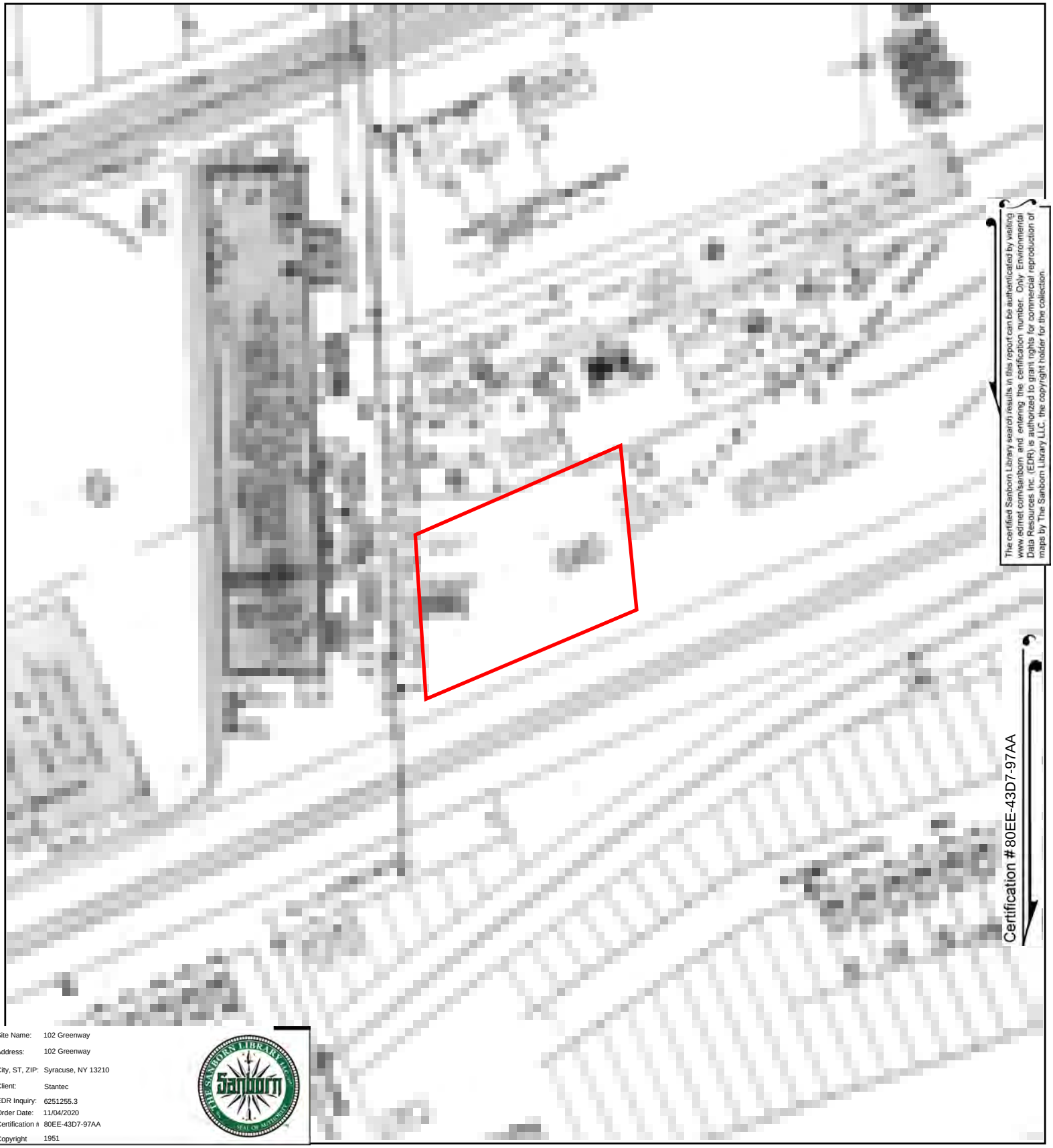
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Volume 1, Sheet 88
Volume 1, Sheet 52

N



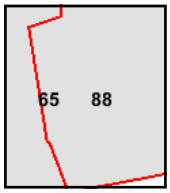
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Certification # 80EE-43D7-97AA

Site Name: 102 Greenway
Address: 102 Greenway
City, ST, ZIP: Syracuse, NY 13210
Client: Stantec
EDR Inquiry: 6251255.3
Order Date: 11/04/2020
Certification #: 80EE-43D7-97AA
Copyright: 1951

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

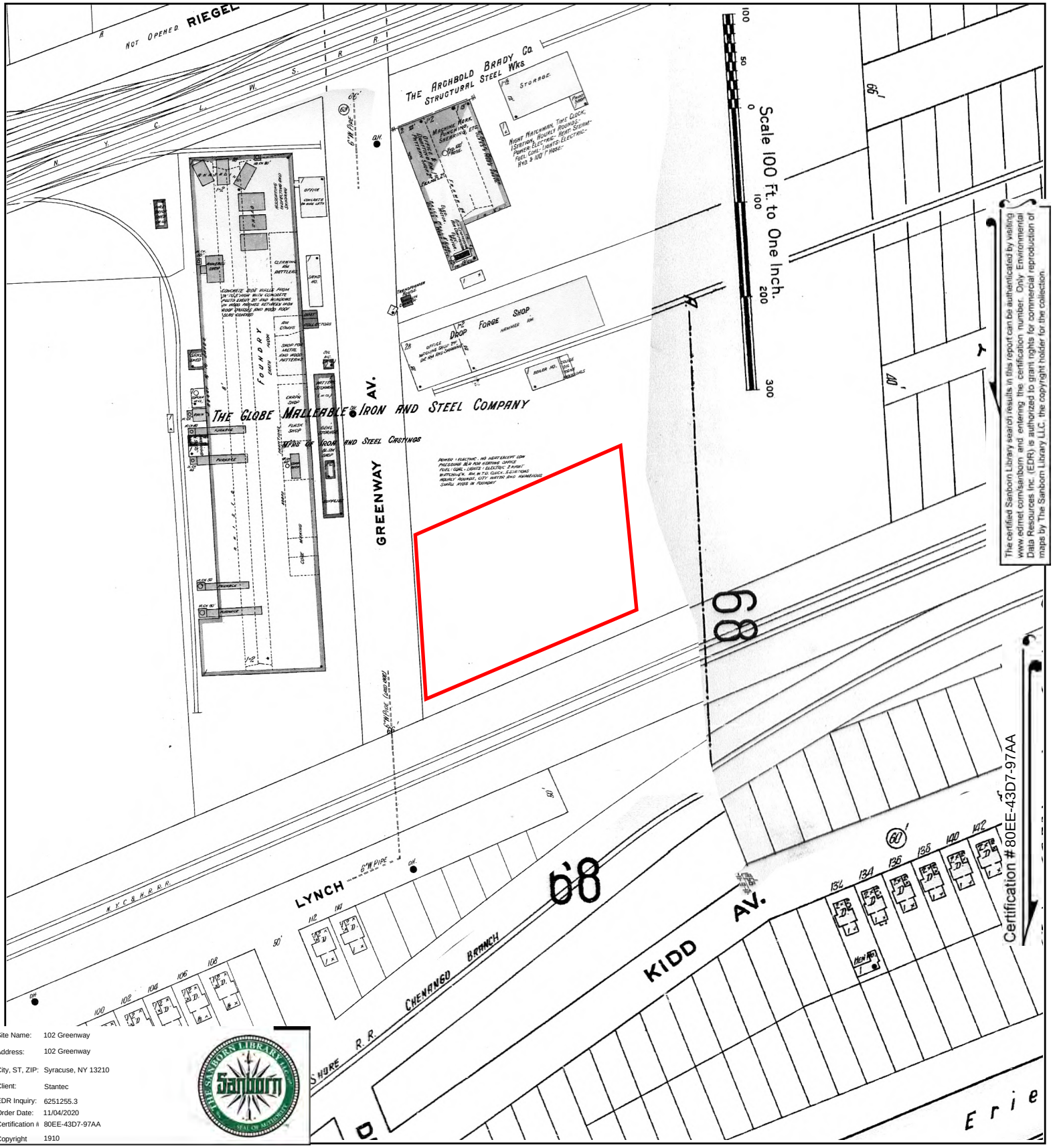




Volume 1, Sheet 88
Volume 1, Sheet 65

0 Feet 150 300 600

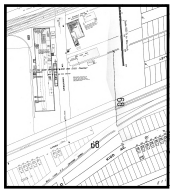
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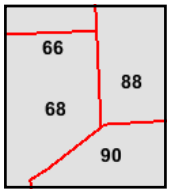


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Site Name:	102 Greenway
Address:	102 Greenway
City, ST, ZIP:	Syracuse, NY 13210
Client:	Stantec
EDR Inquiry:	6251255.3
Order Date:	11/04/2020
Certification #	80EE-43D7-97AA
Copyright	1910

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.





Volume 1, Sheet 90
Volume 1, Sheet 88
Volume 1, Sheet 68
Volume 1, Sheet 66

0 Feet 150 300 600

N

102 Greenway

102 Greenway

Syracuse, NY 13210

Inquiry Number: 6251255.4

November 03, 2020

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

11/03/20

Site Name:	Client Name:
102 Greenway	Stantec
102 Greenway	61 Commercial Street
Syracuse, NY 13210	Rochester, NY 14614
EDR Inquiry # 6251255.4	Contact: Katie Nelson

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Stantec were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:		*Coordinates:*	
P.O.#	190502013	**Latitude:**	43.05227 43° 3' 8" North
Project:	102 Greenway	**Longitude:**	-76.118653 -76° 7' 7" West
		UTM Zone:	Zone 18 North
		UTM X Meters:	408897.36
		UTM Y Meters:	4767226.49
		Elevation:	417.00' above sea level

Maps Provided:

2013	1895
1978	
1973, 1977	
1957, 1958	
1947	
1939, 1943	
1938, 1939	
1898	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2013 Source Sheets



Syracuse East
2013
7.5-minute, 24000

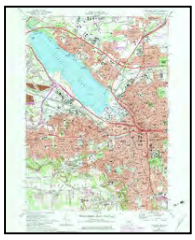


Syracuse West
2013
7.5-minute, 24000

1978 Source Sheets



Syracuse East
1978
7.5-minute, 24000
Aerial Photo Revised 1976



Syracuse West
1978
7.5-minute, 24000
Aerial Photo Revised 1976

1973, 1977 Source Sheets



Syracuse West
1973
7.5-minute, 24000
Aerial Photo Revised 1972



Syracuse East
1977
7.5-minute, 24000
Aerial Photo Revised 1972

1957, 1958 Source Sheets



Syracuse East
1957
7.5-minute, 24000
Aerial Photo Revised 1956



Syracuse West
1958
7.5-minute, 24000
Aerial Photo Revised 1956

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets



Syracuse West
1947
7.5-minute, 31680

1939, 1943 Source Sheets



Syracuse West
1939
7.5-minute, 31680



Syracuse East
1943
7.5-minute, 31680

1938, 1939 Source Sheets



Syracuse East
1938
7.5-minute, 24000

1898 Source Sheets

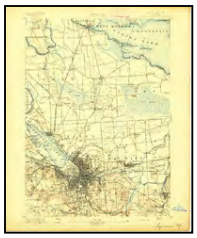


Syracuse
1898
15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

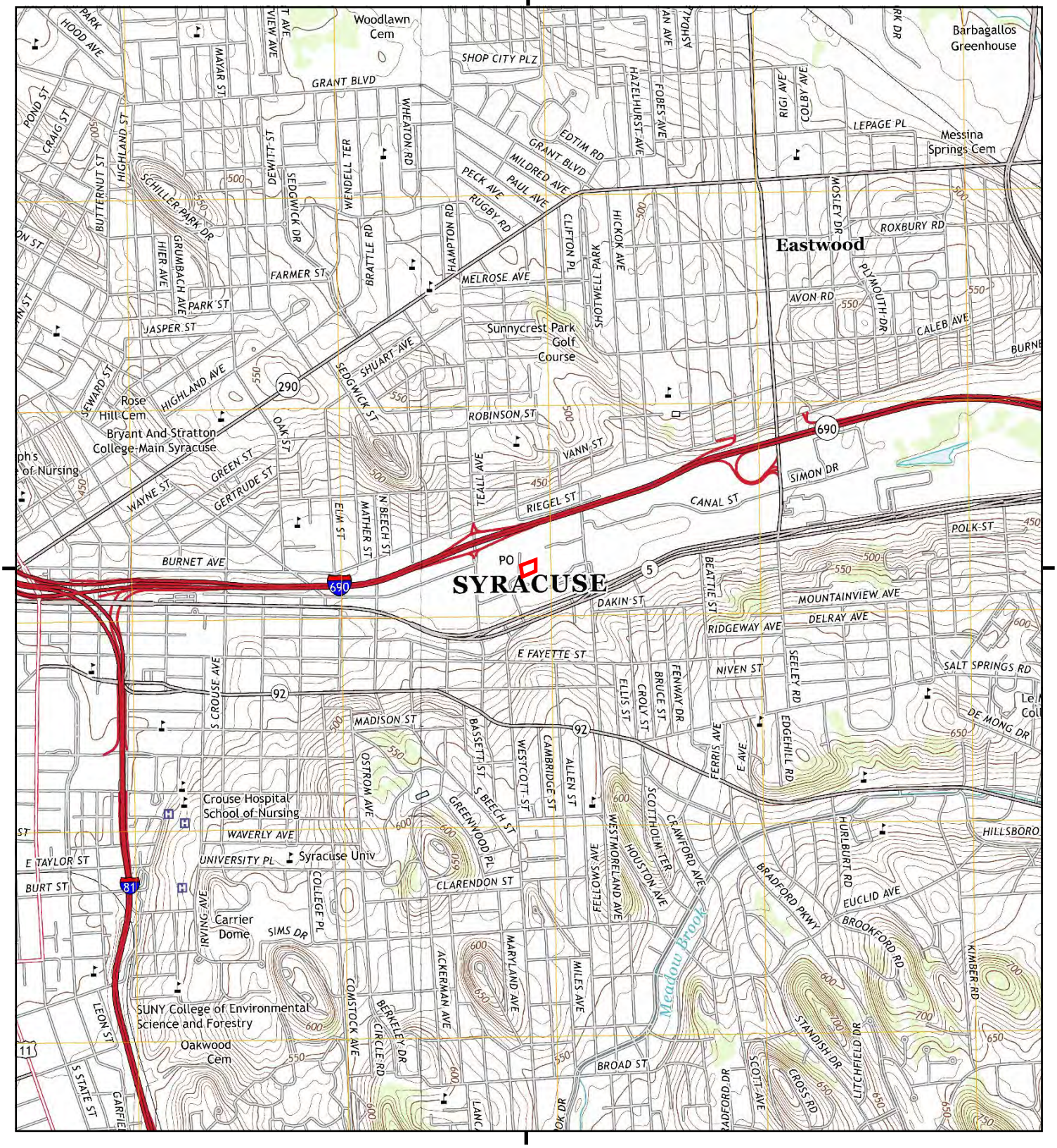
1895 Source Sheets



Syracuse
1895
15-minute, 62500

Historical Topo Map

2013



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

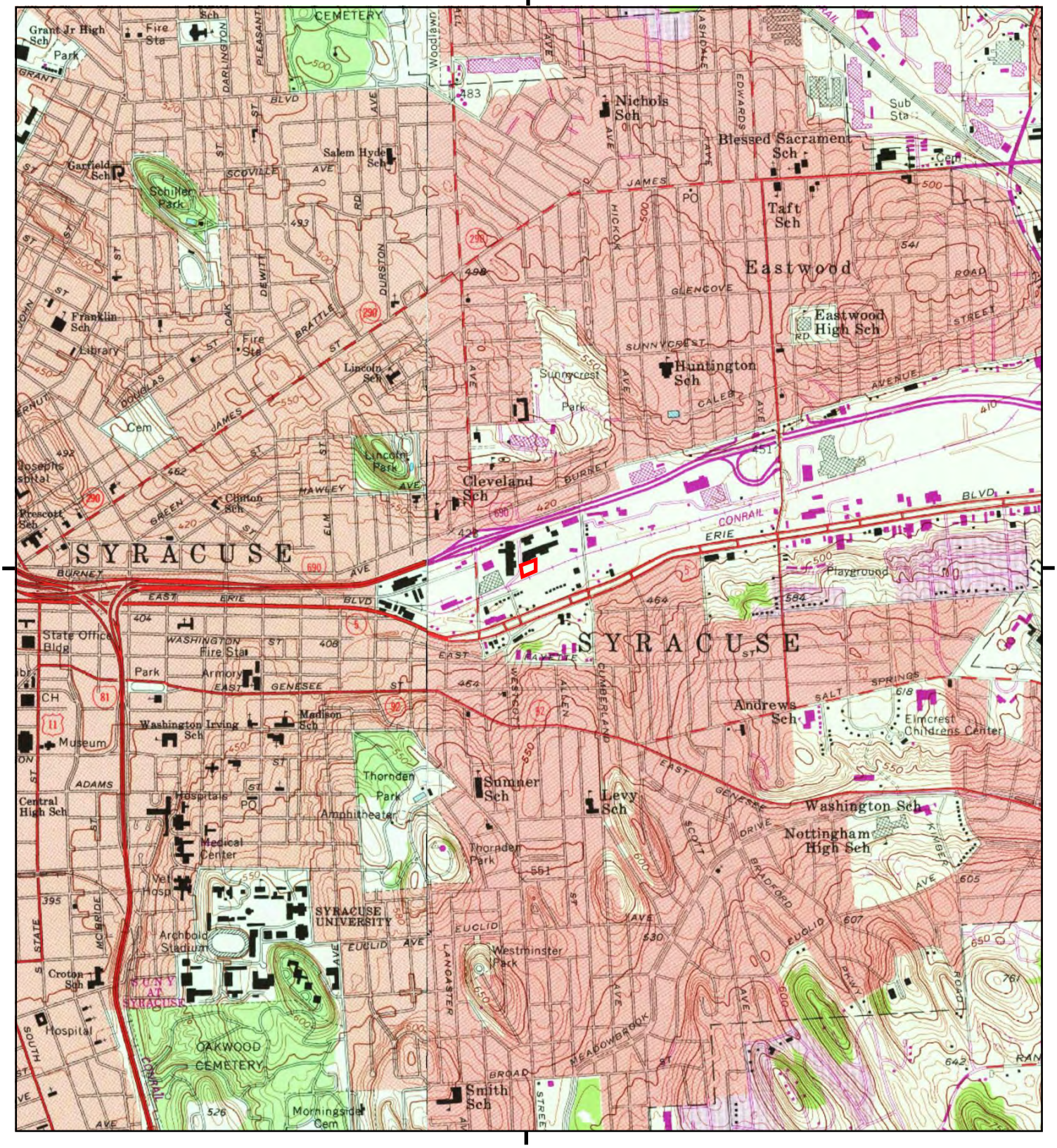
TP, Syracuse East, 2013, 7.5-minute
W, Syracuse West, 2013, 7.5-minute

SITE NAME: 102 Greenway
ADDRESS: 102 Greenway
Syracuse, NY 13210
CLIENT: Stantec

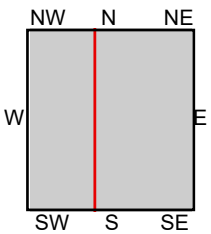
N

Historical Topo Map

1978



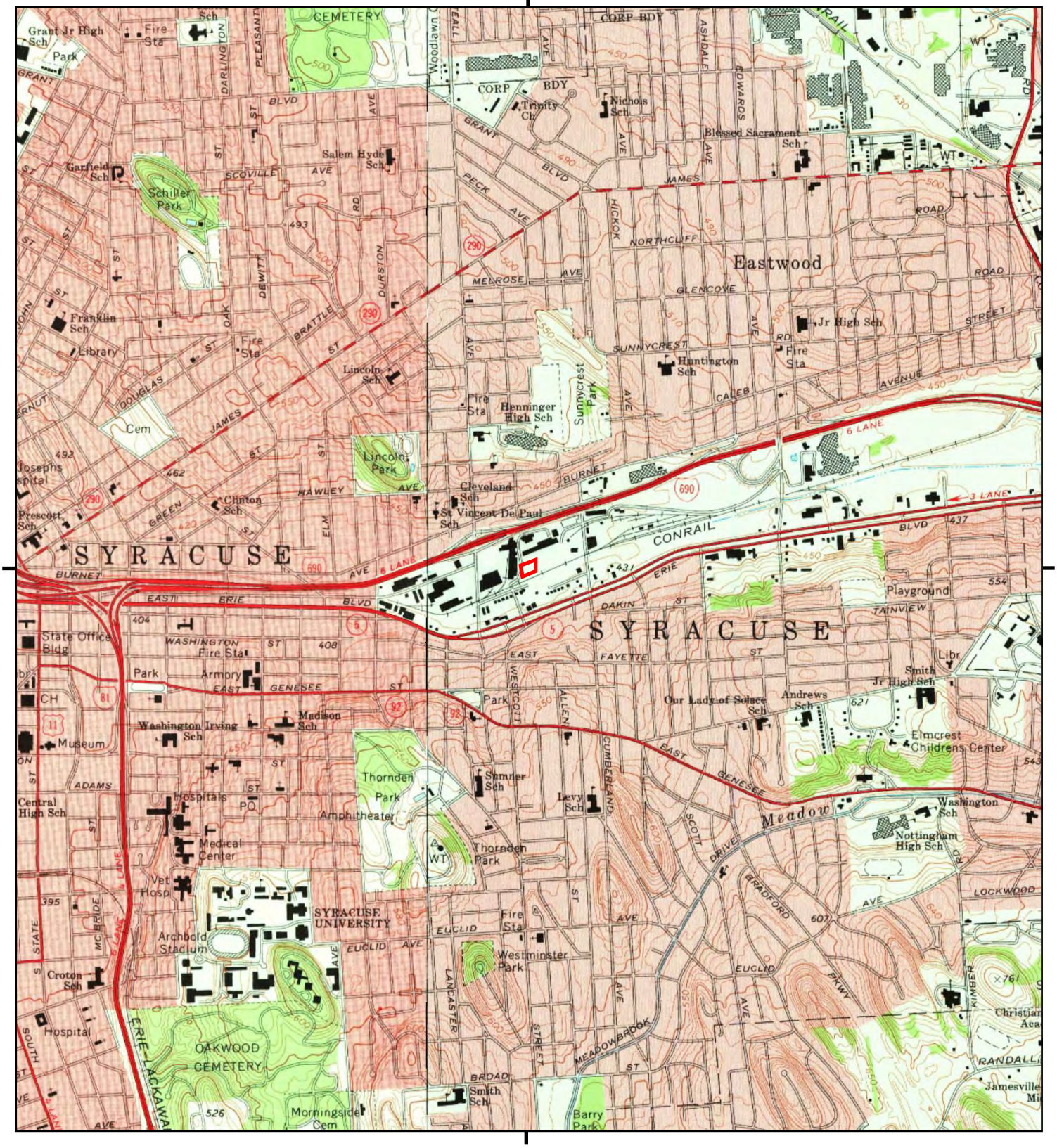
This report includes information from the following map sheet(s).



TP, Syracuse East, 1978, 7.5-minute
W, Syracuse West, 1978, 7.5-minute

SITE NAME: 102 Greenway
ADDRESS: 102 Greenway
Syracuse, NY 13210
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

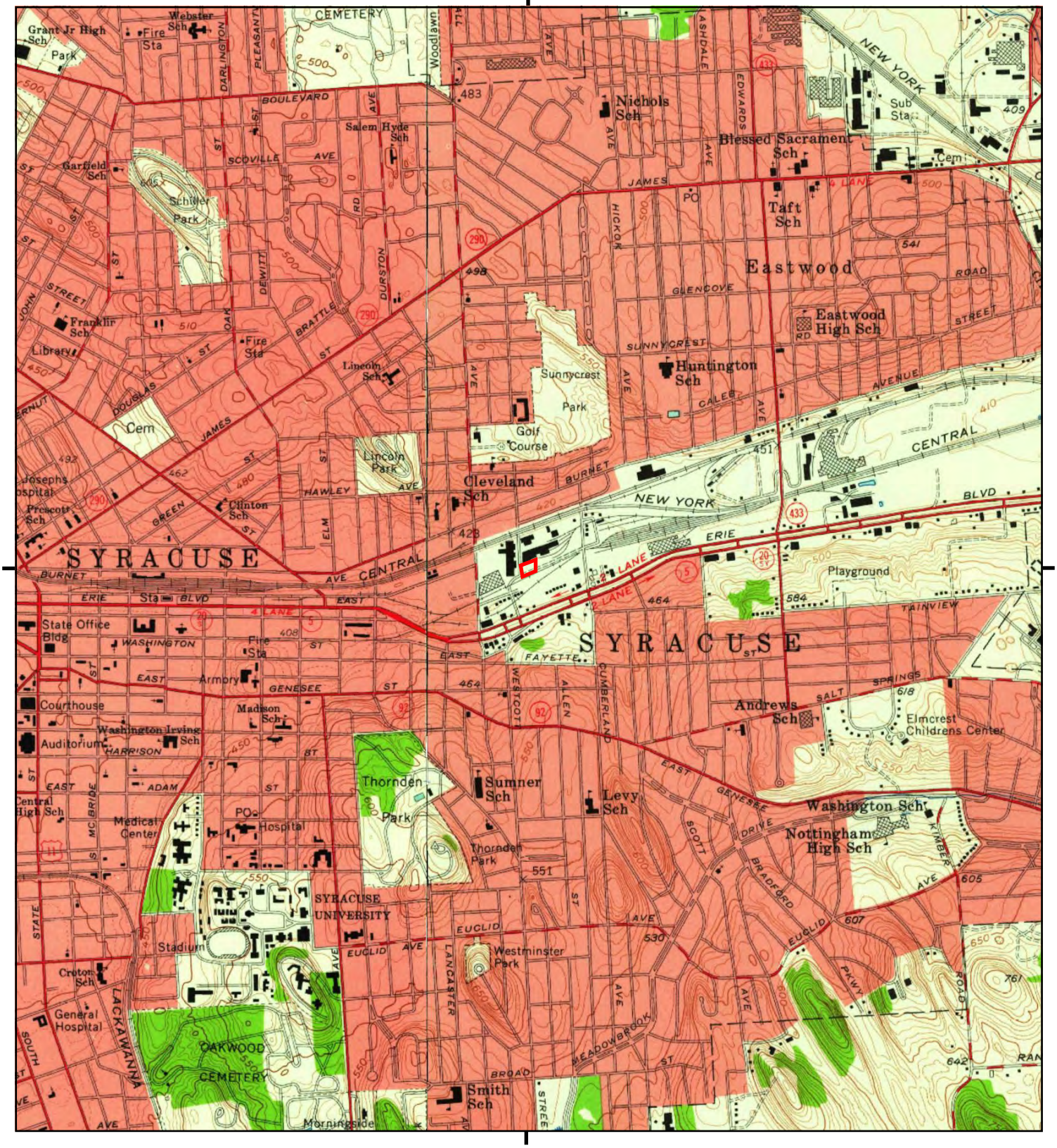
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Syracuse East, 1977, 7.5-minute
W, Syracuse West, 1973, 7.5-minute

SITE NAME: 102 Greenway
ADDRESS: 102 Greenway
Syracuse, NY 13210
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

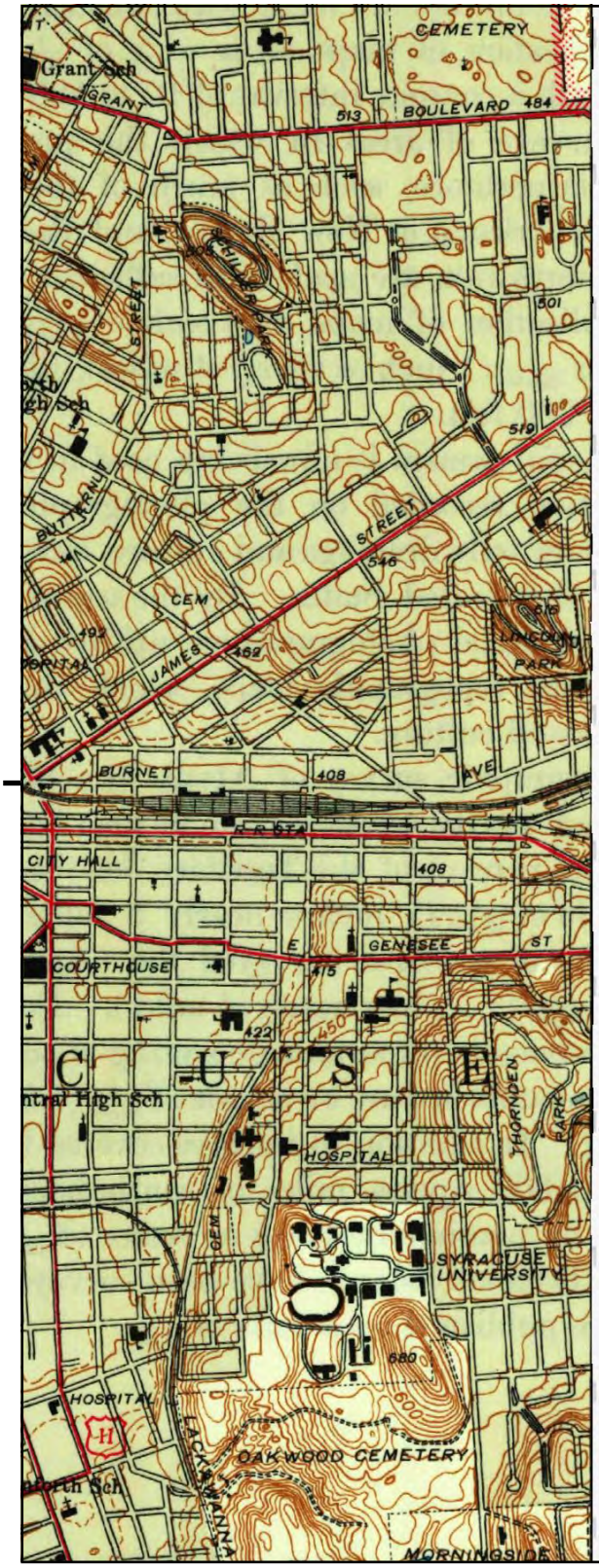
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Syracuse East, 1957, 7.5-minute
W, Syracuse West, 1958, 7.5-minute

SITE NAME: 102 Greenway
ADDRESS: 102 Greenway
Syracuse, NY 13210
CLIENT: Stantec

N



UNMAPPED

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

W, Syracuse West, 1947, 7.5-minute

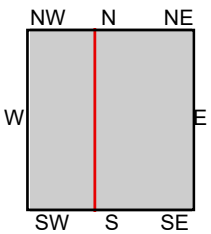
SITE NAME: 102 Greenway
ADDRESS: 102 Greenway
Syracuse, NY 13210
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

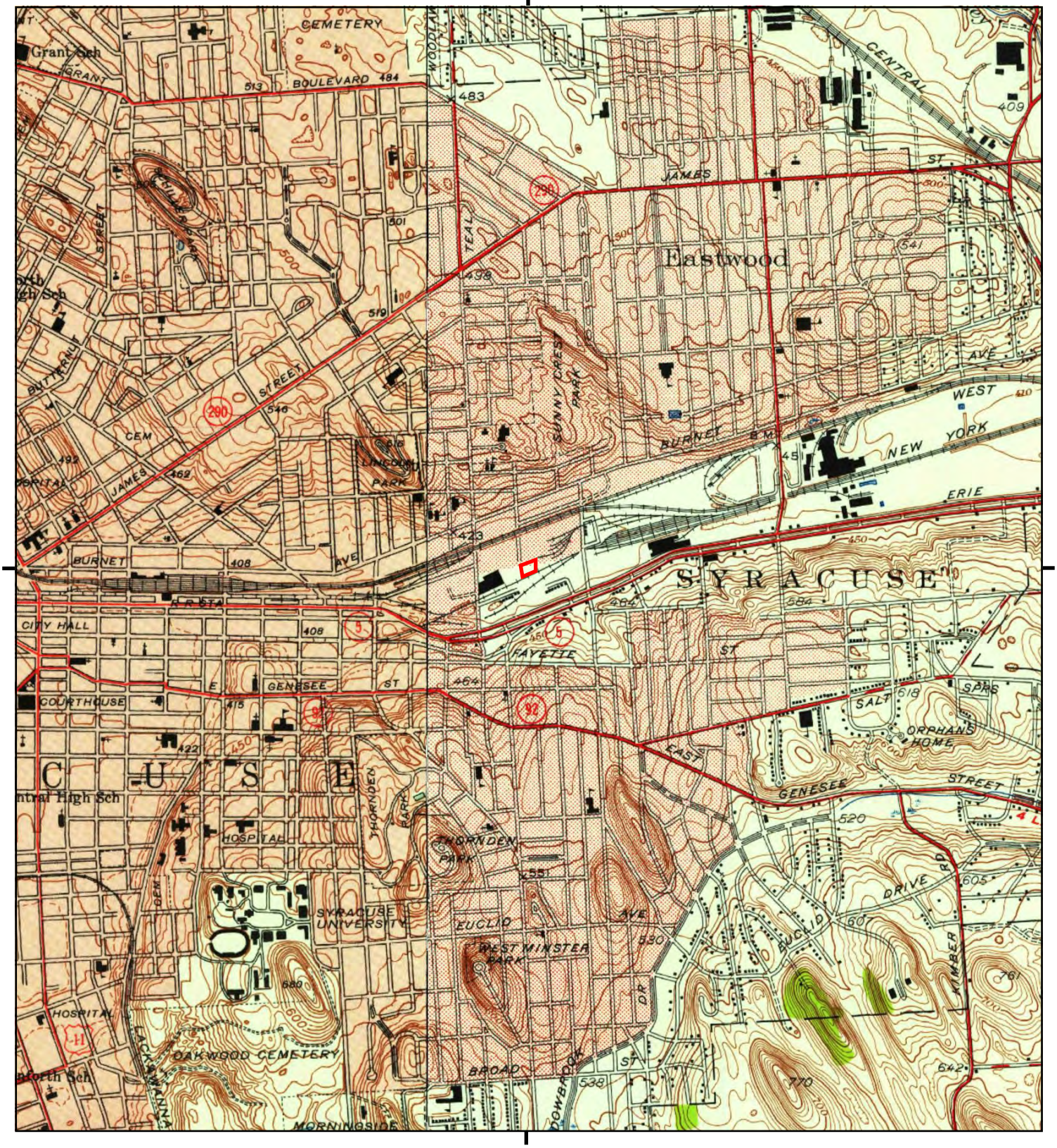
0 Miles 0.25 0.5 1 1.5



TP, Syracuse East, 1943, 7.5-minute
W, Syracuse West, 1939, 7.5-minute

SITE NAME: 102 Greenway
ADDRESS: 102 Greenway
Syracuse, NY 13210
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

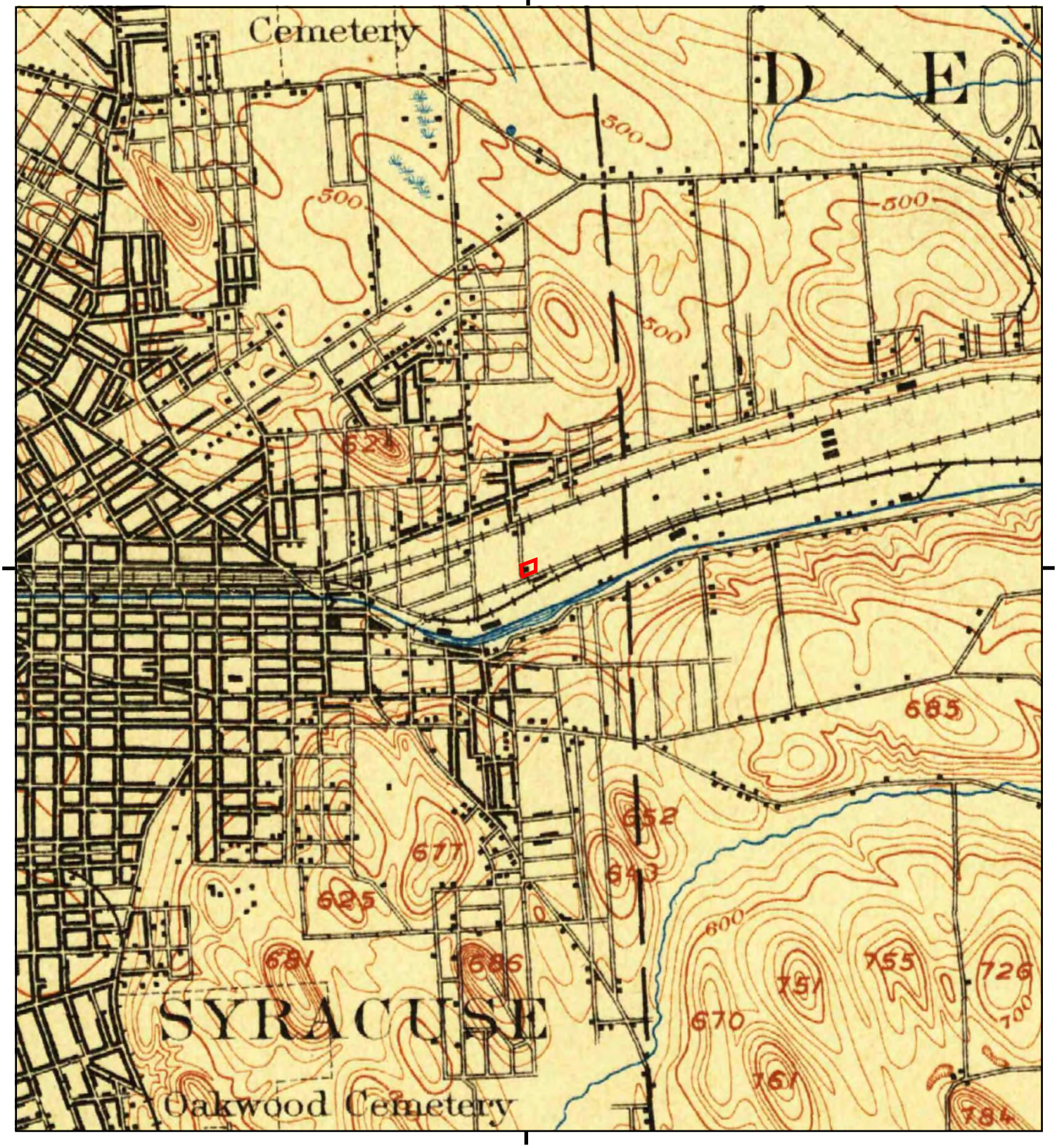
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Syracuse East, 1938, 7.5-minute
W, Syracuse West, 1939, 7.5-minute

SITE NAME: 102 Greenway
ADDRESS: 102 Greenway
Syracuse, NY 13210
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

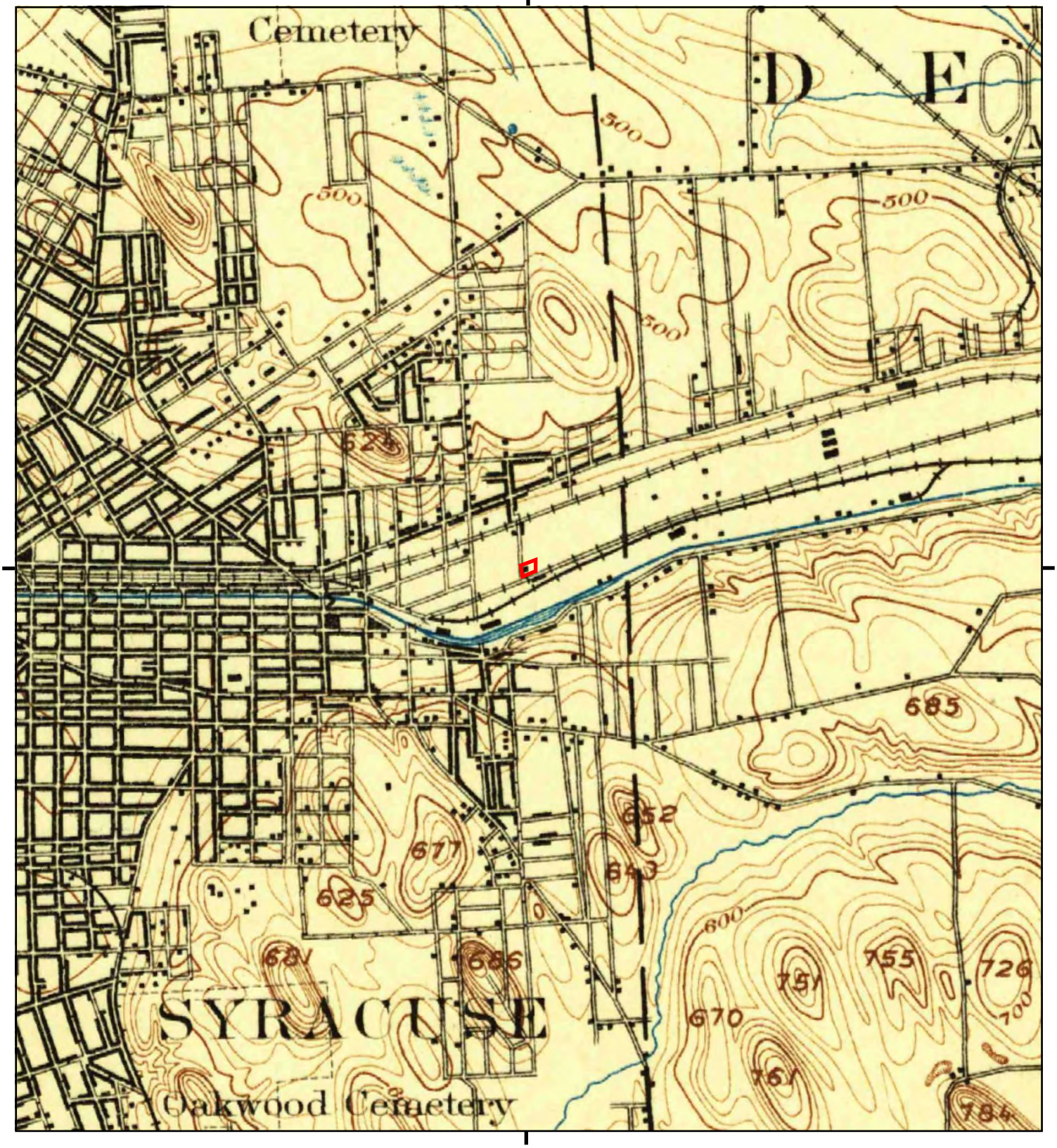
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Syracuse, 1898, 15-minute

SITE NAME: 102 Greenway
ADDRESS: 102 Greenway
Syracuse, NY 13210
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Syracuse, 1895, 15-minute

SITE NAME: 102 Greenway
ADDRESS: 102 Greenway
Syracuse, NY 13210
CLIENT: Stantec

N

102 Greenway

102 Greenway

Syracuse, NY 13210

Inquiry Number: 6251255.8

November 03, 2020

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

11/03/20

Site Name:

102 Greenway
102 Greenway
Syracuse, NY 13210
EDR Inquiry # 6251255.8

Client Name:

Stantec
61 Commercial Street
Rochester, NY 14614
Contact: Katie Nelson

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2017	1"=500'	Flight Year: 2017	USDA/NAIP
2013	1"=500'	Flight Year: 2013	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1995	1"=500'	Acquisition Date: March 27, 1995	USGS/DOQQ
1988	1"=500'	Flight Date: October 31, 1988	NYDOT
1978	1"=500'	Flight Date: September 13, 1978	USDA
1966	1"=500'	Flight Date: June 22, 1966	USDA
1959	1"=500'	Flight Date: July 04, 1959	USDA
1951	1"=500'	Flight Date: October 15, 1951	USDA
1938	1"=500'	Flight Date: July 05, 1938	USDA

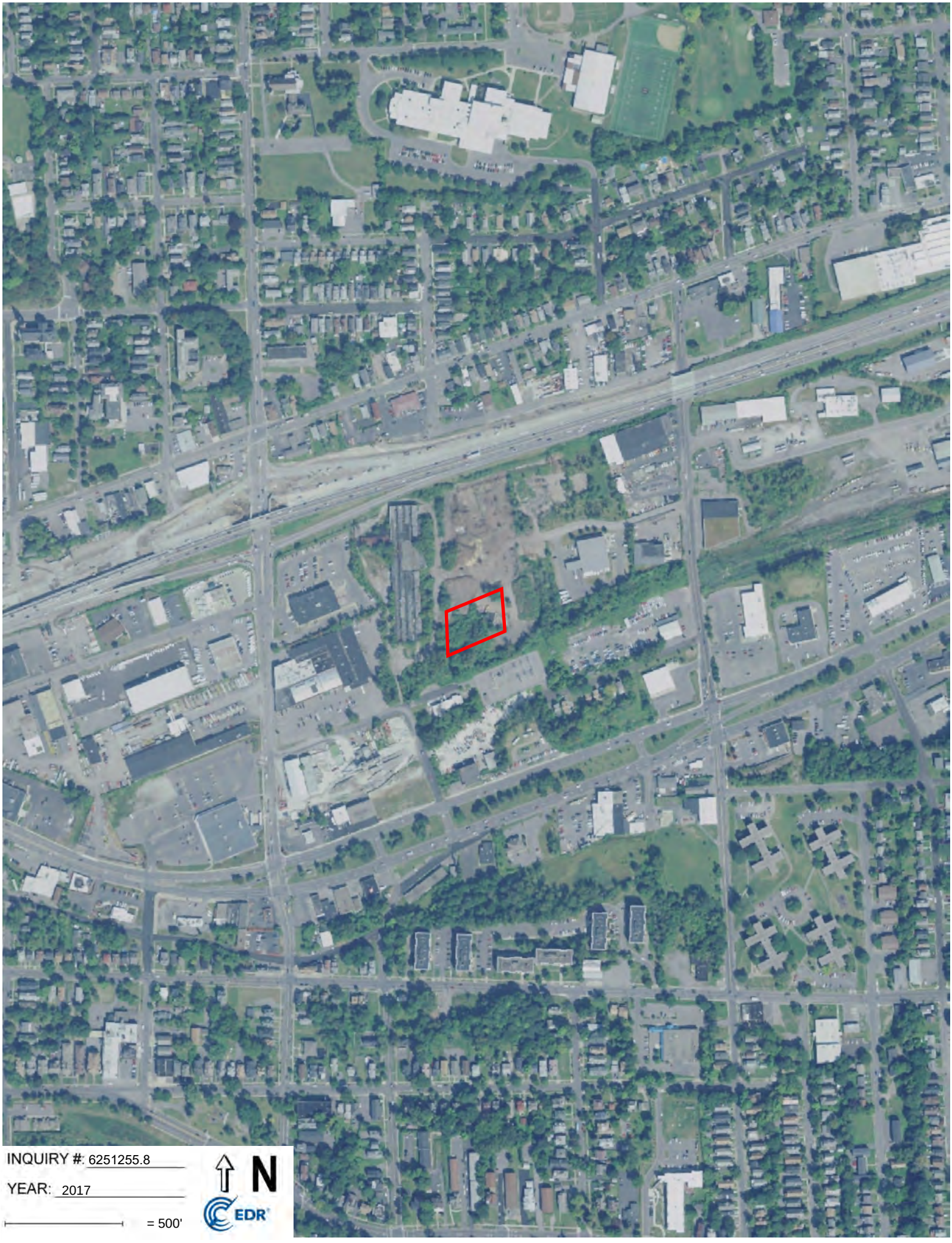
When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

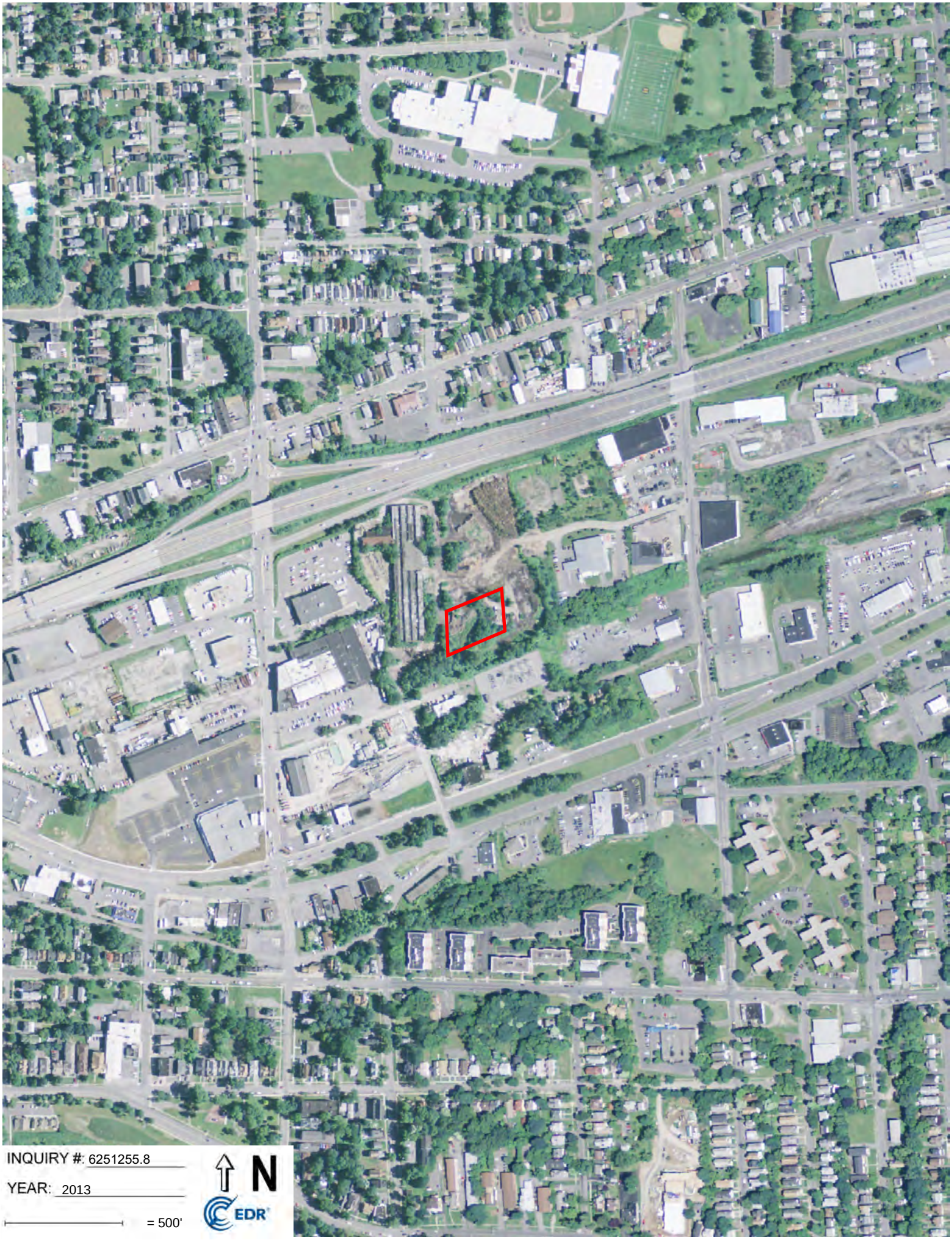
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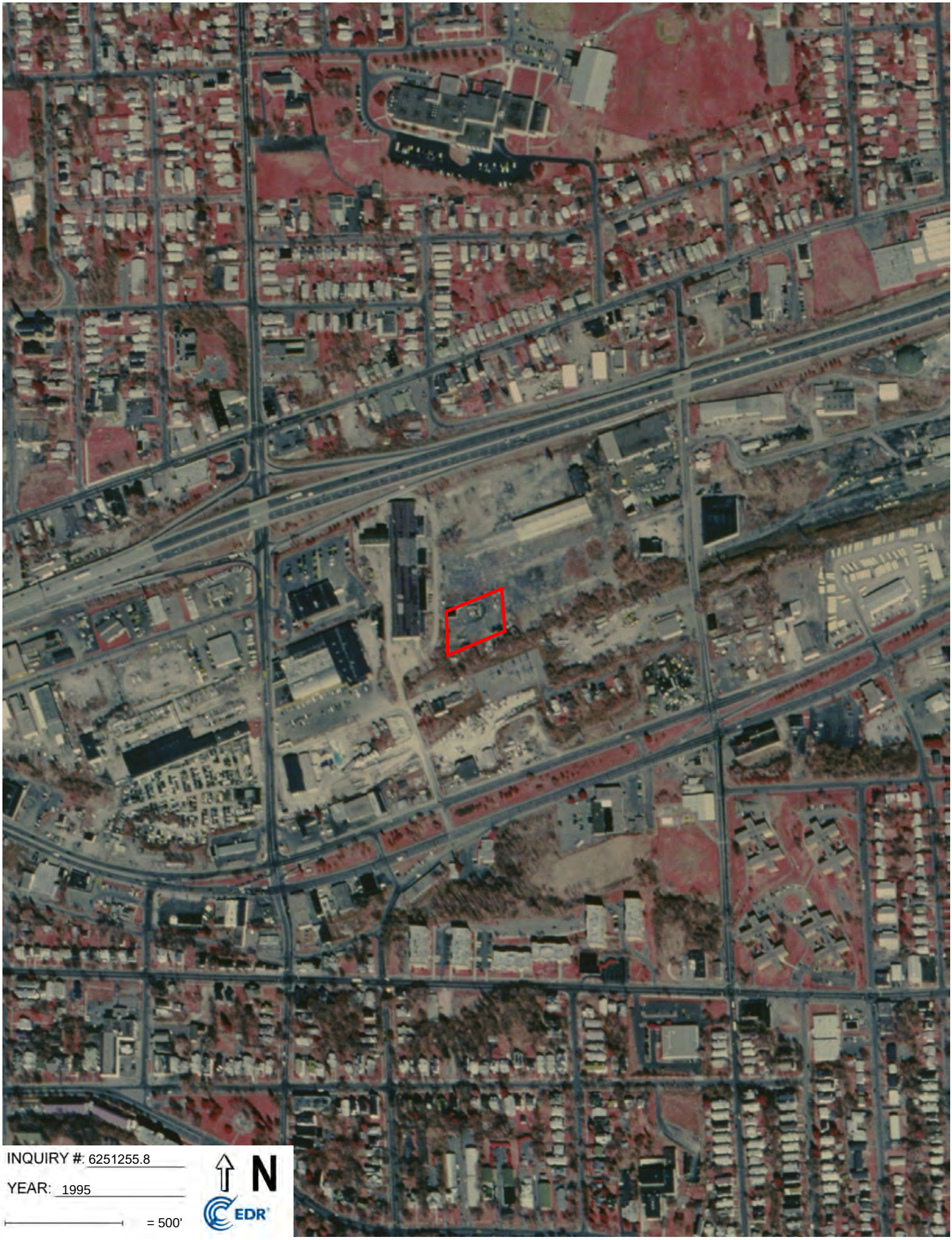
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INQUIRY #: 6251255.8
YEAR: 2017
= 500'
N
EDR


INQUIRY #: 6251255.8
YEAR: 2013
= 500'
N
EDR


INQUIRY #: 6251255.8
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 6251255.8
YEAR: 2006
= 500'
N
EDR

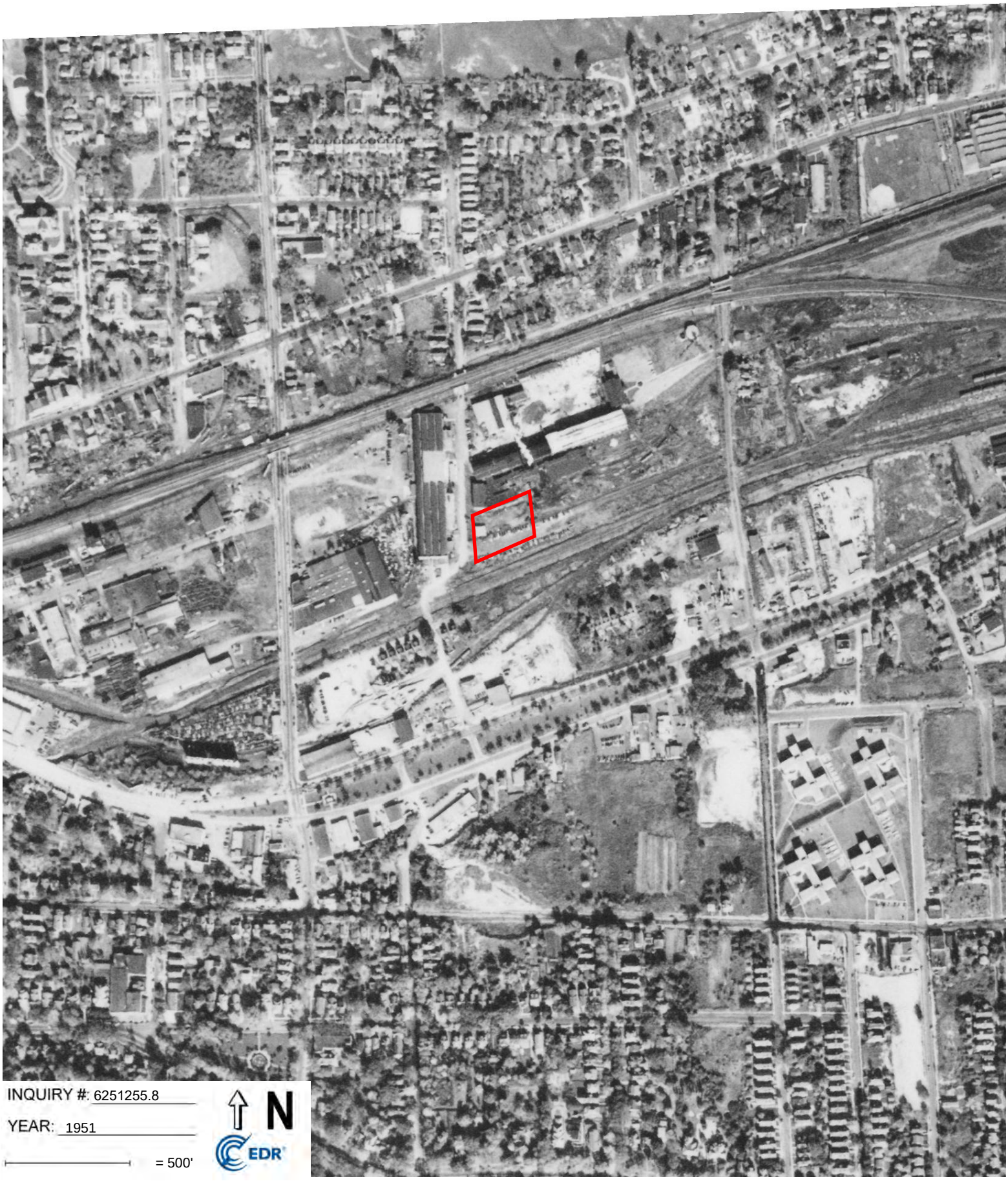

INQUIRY #: 6251255.8
YEAR: 1995
= 500'
N
EDR


INQUIRY #: 6251255.8
YEAR: 1988
= 500'
N
EDR


INQUIRY #: 6251255.8
YEAR: 1978
= 500'
N
EDR


INQUIRY #: 6251255.8
YEAR: 1966
= 500'
N
EDR


INQUIRY #: 6251255.8
YEAR: 1959
= 500'
N
EDR


INQUIRY #: 6251255.8
YEAR: 1951
= 500'
N
EDR

102 Greenway
102 Greenway
Syracuse, NY 13210

Inquiry Number: 6251255.5
November 06, 2020

The EDR-City Directory Image Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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EXECUTIVE SUMMARY

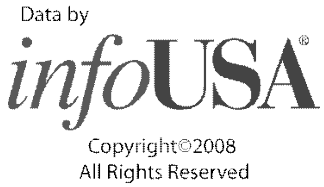
DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2017	☑	☐	EDR Digital Archive
2014	☑	☐	EDR Digital Archive
2010	☑	☐	EDR Digital Archive
2005	☑	☐	EDR Digital Archive
2000	☑	☐	EDR Digital Archive
1995	☑	☐	EDR Digital Archive
1992	☑	☐	EDR Digital Archive
1988	☑	☐	Polk's City Directory
1983	☑	☐	Polk's City Directory
1977	☑	☐	Polk's City Directory
1972	☑	☐	Polk's City Directory
1968	☑	☐	Polk's City Directory
1964	☑	☐	Polk's City Directory
1959	☑	☐	Polk's City Directory
1955	☑	☐	Haines Criss-Cross Directory
1949	☑	☐	Polk's City Directory
1944	☑	☐	Polk's City Directory
1939	☑	☐	Polk's City Directory

EXECUTIVE SUMMARY

Year	***Target Street***	***Cross Street***	***Source***

FINDINGS

TARGET PROPERTY STREET

102 Greenway
Syracuse, NY 13210

Year	*CD Image*	*Source*

GREENWAY AVE

2017	pg A1	EDR Digital Archive
2014	pg A2	EDR Digital Archive
2010	pg A3	EDR Digital Archive
2005	pg A5	EDR Digital Archive
2000	pg A6	EDR Digital Archive
1995	pg A7	EDR Digital Archive
1992	pg A8	EDR Digital Archive
1988	pg A10	Polk's City Directory
1988	pg A9	Polk's City Directory
1983	pg A11	Polk's City Directory
1977	pg A12	Polk's City Directory
1977	pg A13	Polk's City Directory
1972	pg A14	Polk's City Directory
1968	pg A15	Polk's City Directory
1964	pg A16	Polk's City Directory
1964	pg A17	Polk's City Directory
1959	pg A18	Polk's City Directory
1955	pg A19	Haines Criss-Cross Directory
1949	pg A20	Polk's City Directory
1949	pg A21	Polk's City Directory
1944	pg A22	Polk's City Directory
1944	pg A23	Polk's City Directory
1939	pg A24	Polk's City Directory

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*	
CITY CROSSROADS DR			
2017	-	EDR Digital Archive	Street not listed in Source
2014	-	EDR Digital Archive	Street not listed in Source
2010	-	EDR Digital Archive	Street not listed in Source
2005	-	EDR Digital Archive	Street not listed in Source
2000	-	EDR Digital Archive	Street not listed in Source
1995	-	EDR Digital Archive	Street not listed in Source
1992	-	EDR Digital Archive	Street not listed in Source
1988	-	Polk's City Directory	Street not listed in Source
1983	-	Polk's City Directory	Street not listed in Source
1977	-	Polk's City Directory	Street not listed in Source
1972	-	Polk's City Directory	Street not listed in Source
1968	-	Polk's City Directory	Street not listed in Source
1964	-	Polk's City Directory	Street not listed in Source
1959	-	Polk's City Directory	Street not listed in Source
1955	-	Haines Criss-Cross Directory	Street not listed in Source
1949	-	Polk's City Directory	Street not listed in Source
1944	-	Polk's City Directory	Street not listed in Source
1939	-	Polk's City Directory	Street not listed in Source

City Directory Images

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

GREENWAY AVE 2017

301	FIORENZA, FRANCES
	TOSCANO, ROSE C
303	MORALES, JONATHAN
304	LITTLEBOY, ASHLEY
	MYERS, TRACY
	RICHARDSON, MARTIN
	VEELES, LISA
305	BAKER, DAVID C
307	BEELES, LISA
308	BELL, JOANNE R
	COLEMAN, BRIAN
	DAVIS, CINDY
	FOSMAN, MARC
	STANTON, CHRISTINE
312	JEFFERSON, CAROLYN E
314	TOBOLSKI, DONNA
315	BLAZIER, JOSEPH R
	HUNTER, BJ J
316	DORCH, NICOLE M
317	GROOVER, CYNTHIA A
318	GORMAN, NANCY A
320	CHRISTIAN, STEVE
	ELLSWORTH, ROSE A
	GARROW, DARCY L
	GOOTEE, GREG
321	MARINELLI, JENNIFER
323	MAHAR, TIM R
324	ROWE, DERICK J
325	ALAMARIE, TAREK A
401	MAHER, MARGARET A
403	BOYLE, HEATHER
405	LEARY, JACK E

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

GREENWAY AVE 2014

206	TASSONE, DOMINICK
301	FIORENZA, FRANCES
	TOSCANO, ROSE C
	WOOD, DIANE J
303	MCGUIRE, HEATHER A
304	BEELES, LISA
	HEATH, HARRISON H
	LEWANDOWSKI, JESS A
	LITTLEBOY, ASHLEY
	MYERS, TRACY
305	BAKER, DAVID C
307	RAYMO, JERRY
308	ALLEN, CONDELLO
	BELL, JOANNE R
	FOSMAN, MARC
310	GADOUA, ROBERT J
312	JEFFERSON, CAROLYN E
314	LADD, BARI
315	BLAZIER, JOSEPH R
	HUNTER, BJ J
	SNYDER, REBECCA
	WEITZEL, SARAH L
316	DORCH, NICOLE M
317	HACK, MATT
	HIGINS, BRENNA K
	SWANK, KERI
	TOWNSEND, RONALD
	WILLIAMS, ADRIAN
318	GORMAN, NANCY A
319	CASE, AMANDA
320	CHRISTIAN, STEVE
	ELLSWORTH, ROSE A
	GOOTEE, GREG
	JACKSON, SHANE
	LASHER, LEELAND
321	WALKER, VIRGINIA
323	MAHAR, TIM R
324	OSIER, MATT J
	WILKIE, DARYL S
325	ALAMARIE, TAREK A
401	LAWRENCE, ALEXANDRIA
	MAHER, MARGARET A
403	WATERMAN, TIFFANY N
405	LEARY, JACK E
406	MCGEE, CHARISSE

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

GREENWAY AVE 2010

203	TASSONE, DOMINICK
301	TOSCANO, ROSE C
	WOOD, DIANE J
303	MCGUIRE, HEATHER M
304	GALANTE, TERA E
	LEWANDOWSKI, JESS A
	WHEELER, D
305	BAKER, DAVID J
306	MARUSA, MARK E
307	MANOR, JOANN
308	ALLEN, CONDELLO
	BADGLEY, KATHY L
	FOSMAN, MARC
	GREGORY, CRYSTAL
	JAWAB, NAGHAN
	JAWAD, NAGHAM
	PALLOTTA, FRANK
	SWAN, ALICIA
	VRITO, ALICIA
	WHITE, JUNIOR
310	OCCUPANT UNKNOWN,
312	OCCUPANT UNKNOWN,
314	DURHM, QUINCY
315	BLAZIER, JOSEPH R
	LAPREASE, NICHOLAS L
316	BRITTON, NICOLE
317	PECORE, KASCEE
	SWANK, KERI
	TROUTMAN, LATISHA
318	GORMAN, NANCY A
319	OCCUPANT UNKNOWN,
320	CHRISTIAN, STEVE
	DAVIS, CORNELL
	ELLSWORTH, ROSEMARIE
	FAVA, KENNITH
	GOOTEE, GREG
	JACKSON, SHANE
	MCLURKIN, LAURA
	MYERS, DARRYL B
	PUCELLO, MARGARATH E
	VINETTE, JOE
	WALKER, ALVIN
321	BOIM, VOLF B
323	PARO, BRIDGETT
324	OSIER, MATT J
	WILKIE, DARYL S
325	BARTON, DORIS
	SCHAFF, ANDREW
401	OCCUPANT UNKNOWN,
403	BARRIOS, JAY R

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

GREENWAY AVE 2010 (Cont'd)

405 LEARY, KARIN J
406 DUBOSE, N

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

GREENWAY AVE 2005

203	TASSONE, DOMINICK
301	FIORENZA, LARRY J
	TOSCANO, ROSE C
303	OCCUPANT UNKNOWN,
304	BUSCHLE, ANNA
	CAMPBELL, TARA
	FORD, KENNETH
	MULVAUGH, MARCY A
	SCHIAVONE, SERAFINA
	TRIFOSO, DANIEL J
	WHEELER, D
305	NELLONS, JOSH
306	MARUSA, MARK E
	SMITH, J E
307	OCCUPANT UNKNOWN,
308	MOUNTENEY, LESTER L
	PALLOTTA, FRANK
	SWAN, AUDREY
310	BUKOWSKI, A
312	STONE, LISA
315	BENHASSEN, MOURAD
	MASSETT, DON
	MITCHELL, Y
316	BURGOS, TAMMY
317	BERKOWITZ, MAUREEN A
	KENYON, TIMOTHY M
	KUEK, CLEMENT
318	GORMAN, NANCY A
319	GRADY, JONTIA
320	CHRISTIAN, STEVE
	GOOTEE, GREG
	HOUSTON, PERRY
	KLINGER, APRIL M
	LAMORIE, HEATHER
	PERRY, DANIEL T
	WALKER, ALVIN
321	BOIM, VOLF
322	OCCUPANT UNKNOWN,
323	PARO, BRIDGETT
324	OSIER, MATT J
	WILKIE, DARYL
325	BARTON, DORIS
	NEWKIRK, THOMAS D
	ROSSI, ANNIE
401	MAHER, MARGARET A
	WAIYAKI, MUTHONI
403	BARRIOS, JAY R
405	LEARY, KARIN J
406	DUBOSE, N

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

GREENWAY AVE 2000

203	GILL, HOWARD W
205	PRATHER, STELLA F
301	FIELDS, ANGIE
	FIORENZA, LARRY
	TOSCANO, ROSE
303	MEADOWS, MIRIAM M
304	KORDEK, CANDIS
	MULVAUGH, MARCY
	STRONG, P A
305	OCCUPANT UNKNOWN,
306	MARUSA, MARK
	NELSON, HARRIET D
307	LANG, RONALD J
308	NEWCOMBE, GARY
310	BUKOWSKI, JANE A
312	DUDA, FRANK S
314	GALAMBOS, F J
315	COOK, SHANNON M
	CRYSLER, J E
	FEOCCO, ABBY L
	GROTHIER, JOSHUA A
316	OCCUPANT UNKNOWN,
317	CARTER, SHARON
	DRUM, RICHARD
	MOONEY, M J
318	GORMAN, NANCY A
319	NGUYEN, LIEN S
320	OCCUPANT UNKNOWN,
321	OCCUPANT UNKNOWN,
323	GORMAN, SEAN
324	BALCH, J
	NICHOLS, TERRI
401	GUINYARD, MARTHA T
403	BARRIOS, JAY
405	LEARY, SUSAN
406	VANVALKENBURGH, DAWN

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

GREENWAY AVE 1995

101	G S I OF VIRGINIA INC
	MOSHANNON MINING CORP
	THRUSH ENTERPRISES INC
	WINKELMAN PETER CO INC
102	ECONOMY COLLISION
106	ROUND MOUND MUSIC
206	TINOZZI, MATTEO
301	FIORENZA, LARRY
	TOSCANO, BENNY
304	BROOKSHIRE, S W
	BUSCHLE, DENNIS
	TESKA, ROBERT L
305	WARREN, GARY R
306	MARUSA, MARK
	NELSON, THOMAS
307	LANG, RONALD J & JOANNE M
308	WENTWORTH, D L
310	BUKOWSKI, J A
312	DUDA, FRANK S
315	DUMONT, JENNINE
	GOBER, PAUL
316	DLUGOZIMA, ALEX
317	BERKOWITZ, M A
318	GORMAN, N A
319	ZACKOSKI, T
320	GRANGER, DAVID
324	EBNER, SCOTT L
	HAMPDEN, GLADSTONE
325	LASNICKI, ANNA E
403	BARRIOS, JAY
406	MYERS, JOHN

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

GREENWAY AVE 1992

100	SYRACUSE RIGGING CO, PAINT SHOP
101	G S I OF VIRGINIA INC
	MOSHANNON MINING CORP
	RILUC COMPANY INC
	SYRACUSE RIGGING CO INC, MAIN OFC
	THRUSH ENTERPRISES INC
	WINKELMAN PETER CO INC
110	WASTE STREAM ENVIRONMENTAL INC-SALES OFC
301	FIORENZA, LARRY
	TOSCANO, BENNY
304	BROOKSHIRE, S W
	BUSCHLE, DENNIS
	RIBBONS, TIMOTHY
	SERELUCA, CARLA
305	WARREN, GARY R
306	MARUSA, MARK
	NELSON, THOMAS
307	LANG, RONALD J & JOANNE M
308	MC GUIGAN, PATRICK
	SCHOUBYE, BARBARA
310	BUKOWSKI, J A
312	DUDA, FRANK S
314	TARTAKOFF, ROBERT
315	HOYT, PATRICK
	WATSON, D
316	DLUGOZIMA, ALEX
317	SCHIANO, TONI
	WIERMAN, WILLIAM H
318	GORMAN, N A
319	BELL, CHAS E
320	ADSITT, DARRYL
	GRANT, KELLY ANN
	HUFF, TIMOTHY
321	MC CARTHY, S S
323	KOLODZIE, CHARLES
324	AMISANO, MARK D
325	LASNICKI, ANNA E
401	MAHER, M
403	BARRIOS, JAY
405	LEARY, K
406	CRIMI, JAMES

Target Street	Cross Street	Source
✓	-	Polk's City Directory

GREENWAY AVE 1988

174 Wischerath C Alexandra ◎ 474-1405
176 Giambo Dora Mrs ◎ 428-0836
177★Kammar Charles ◎ 479-5414

130

GREENWAY AV –FROM 112 LYNCH NORTH TO DEAD END

ZIP CODE 13210
RIEGEL BEGINS
ZIP CODE 13206
100 Syracuse Rigging (Whse)
Syracuse Rigging Co Inc 472-5205
101 Vacant
Vacant
Thrush Enterprises Inc paving 471-8708
Vacant
Liland Trade & Radiator Service Inc 471-6216
East Com telecommunication contrs 471-4205
Riccelli Haulers 472-4788
Riluc Company Inc transfer co 472-4788
Vacant
Vacant
Rear Winkelman Peter Co Inc prop sls & leasing 471-0050
INTERSTATE 690 INTERSECTS

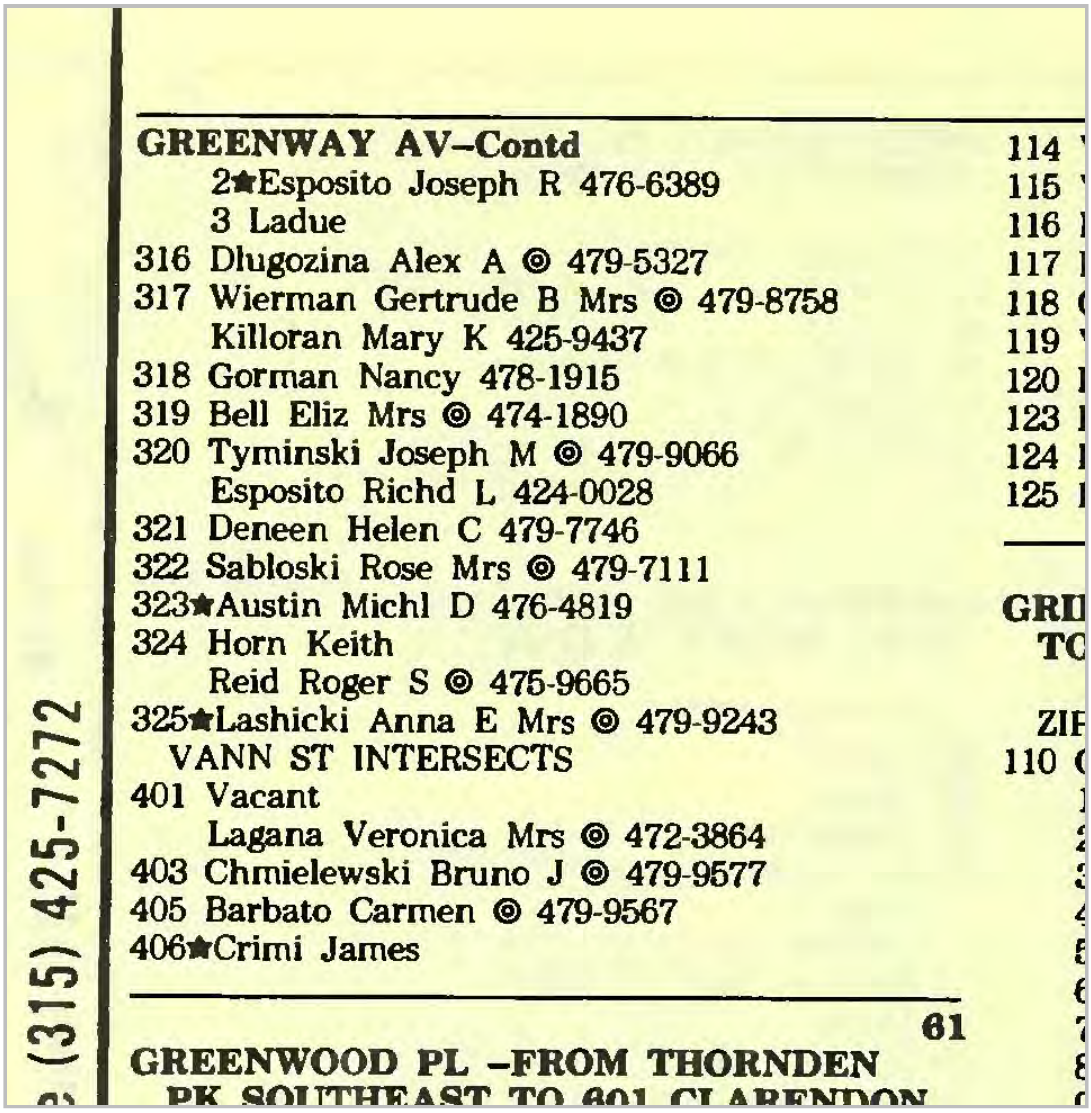
47

203 Henry Raymond ◎
205 Prather Stella F Mrs ◎ 474-0780
206 De Cillis Gladys B Mrs ◎ 478-1614
208 Lagone Helen
BURNET AV INTERSECTS
301 Fiorenza Lawrence C ◎ 472-9346
Toscano Benj 479-5401
303 Lynch Chas 428-0588
304 Vacant
Vacant
Zubrowski S
305 Warren Gary R ◎ 479-9647
306 Nelson Thos ◎ 476-3778
307 Jarmac Stella Mrs ◎ 479-5197
HAWLEY AV ENDS
308★Casteris George
★Caldwell John 425-7343
★Marino Ralph 422-0372
★Thompson
310 Bukowski Chester ◎ 479-8777
312 Duda Jane H Mrs ◎ 479-8672
314★Yackel Steven
315 Apartments
1★Akers K

930-950 S. Salina St.
(315) 476-2126
Syracuse, New York 13202

Target Street	Cross Street	Source
✓	-	Polk's City Directory

GREENWAY AVE 1988



GREENWAY AV–Contd
2★Esposito Joseph R 476-6389
3 Ladue
316 Dlugozina Alex A ◎ 479-5327
317 Wierman Gertrude B Mrs ◎ 479-8758
Killoran Mary K 425-9437
318 Gorman Nancy 478-1915
319 Bell Eliz Mrs ◎ 474-1890
320 Tyminski Joseph M ◎ 479-9066
Esposito Richd L 424-0028
321 Deneen Helen C 479-7746
322 Sabloski Rose Mrs ◎ 479-7111
323★Austin Michl D 476-4819
324 Horn Keith
Reid Roger S ◎ 475-9665
325★Lashicki Anna E Mrs ◎ 479-9243
VANN ST INTERSECTS
401 Vacant
Lagana Veronica Mrs ◎ 472-3864
403 Chmielewski Bruno J ◎ 479-9577
405 Barbato Carmen ◎ 479-9567
406★Crimi James

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GREENWOOD PL –FROM THORNDEN PK SOUTHEAST TO 401 CLARENDON

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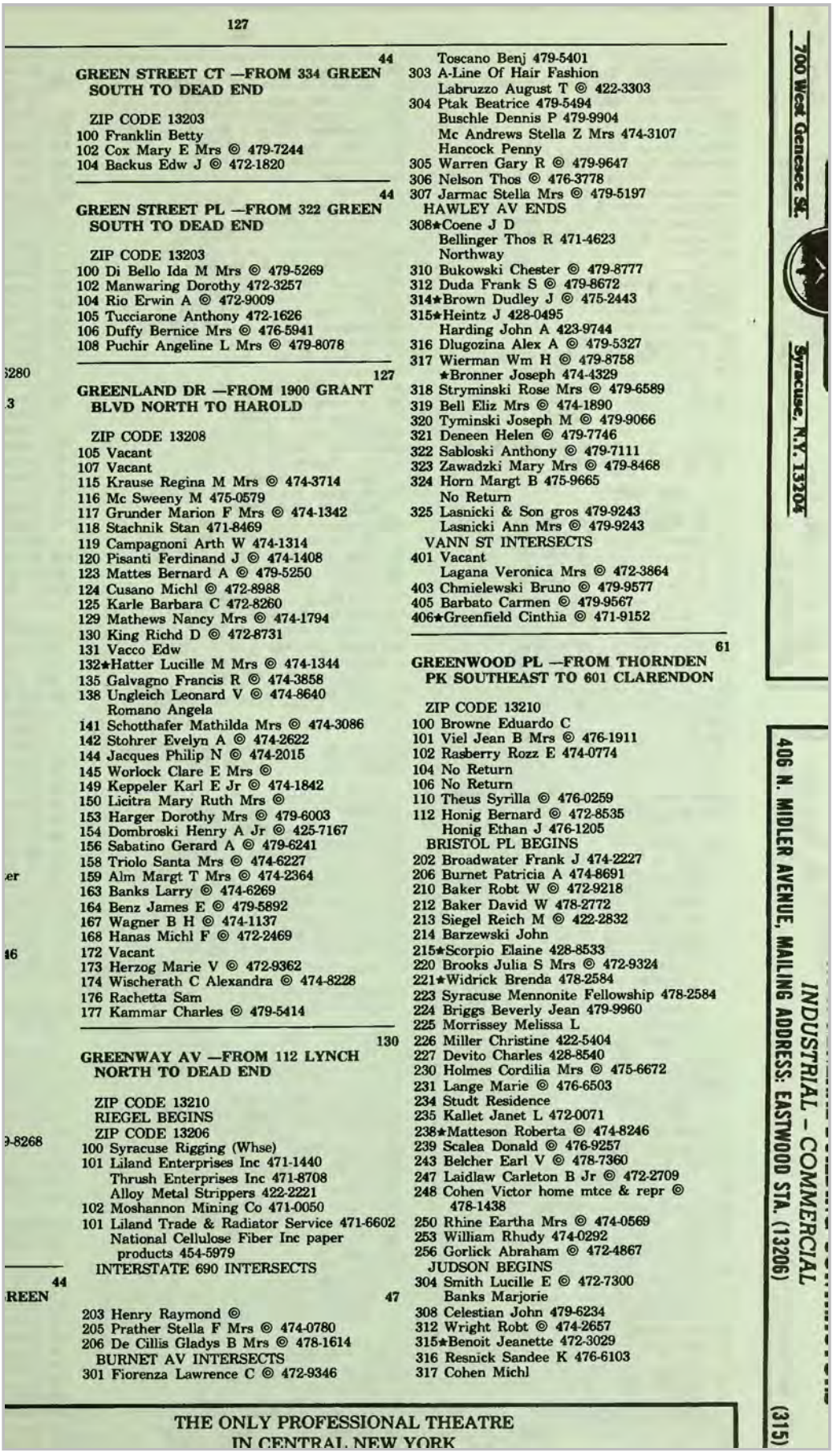
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(315) 425-7272

Target Street	Cross Street	Source
✓	-	Polk's City Directory

GREENWAY AVE 1983



127

44
GREEN STREET CT —FROM 334 GREEN SOUTH TO DEAD END

ZIP CODE 13203
100 Franklin Betty
102 Cox Mary E Mrs © 479-7244
104 Backus Edw J © 472-1820

44
GREEN STREET PL —FROM 322 GREEN SOUTH TO DEAD END

ZIP CODE 13203
100 Di Bello Ida M Mrs © 479-5269
102 Manwaring Dorothy 472-3257
104 Rio Erwin A © 472-9009
105 Tucciarone Anthony 472-1626
106 Duffy Bernice Mrs © 476-5941
108 Puchir Angeline L Mrs © 479-8078

127
GREENLAND DR —FROM 1900 GRANT BLVD NORTH TO HAROLD

ZIP CODE 13208
105 Vacant
107 Vacant
115 Krause Regina M Mrs © 474-3714
116 Mc Sweeny M 475-0579
117 Grunder Marion F Mrs © 474-1342
118 Stachnik Stan 471-8469
119 Campagnoni Arth W 474-1314
120 Pisanti Ferdinand J © 474-1408
123 Mattes Bernard A © 479-5250
124 Cusano Michl © 472-8988
125 Karle Barbara C 472-8260
129 Mathews Nancy Mrs © 474-1794
130 King Richd D © 472-8731
131 Vacco Edw
132★Hatter Lucille M Mrs © 474-1344
135 Galvagno Francis R © 474-3858
138 Ungleich Leonard V © 474-8640
Romano Angela
141 Schotthafer Mathilda Mrs © 474-3086
142 Stohrer Evelyn A © 474-2622
144 Jacques Philip N © 474-2015
145 Worlock Clare E Mrs ©
149 Keppeler Karl E Jr © 474-1842
150 Licitra Mary Ruth Mrs ©
153 Harger Dorothy Mrs © 479-6003
154 Dombroski Henry A Jr © 425-7167
156 Sabatino Gerard A © 479-6241
158 Triolo Santa Mrs © 474-6227
159 Alm Margt T Mrs © 474-2364
163 Banks Larry © 474-6269
164 Benz James E © 479-5892
167 Wagner B H © 474-1137
168 Hanas Michl F © 472-2469
172 Vacant
173 Herzog Marie V © 472-9362
174 Wischerath C Alexandra © 474-8228
176 Rachetta Sam
177 Kammar Charles © 479-5414

130
GREENWAY AV —FROM 112 LYNCH NORTH TO DEAD END

ZIP CODE 13210
RIEGEL BEGINS
ZIP CODE 13206
100 Syracuse Rigging (Whse)
101 Liland Enterprises Inc 471-1440
Thrush Enterprises Inc 471-8708
Alloy Metal Strippers 422-2221
102 Moshannon Mining Co 471-0050
101 Liland Trade & Radiator Service 471-6602
National Cellulose Fiber Inc paper products 454-5979
INTERSTATE 690 INTERSECTS

47
203 Henry Raymond ©
205 Prather Stella F Mrs © 474-0780
206 De Cillis Gladys B Mrs © 478-1614
BURNET AV INTERSECTS
301 Fiorenza Lawrence C © 472-9346
Toscano Benj 479-5401
303 A-Line Of Hair Fashion
Labruzzo August T © 422-3303
304 Ptak Beatrice 479-5494
Buschle Dennis P 479-9904
Mc Andrews Stella Z Mrs 474-3107
Hancock Penny
305 Warren Gary R © 479-9647
306 Nelson Thos © 476-3778
307 Jarmac Stella Mrs © 479-5197
HAWLEY AV ENDS
308★Coene J D
Bellinger Thos R 471-4623
Northway
310 Bukowski Chester © 479-8777
312 Duda Frank S © 479-8672
314★Brown Dudley J © 475-2443
315★Heintz J 428-0495
Harding John A 423-9744
316 Dlugozina Alex A © 479-5327
317 Wierman Wm H © 479-8758
★Bronner Joseph 474-4329
318 Stryminski Rose Mrs © 479-6589
319 Bell Eliz Mrs © 474-1890
320 Tyminski Joseph M © 479-9066
321 Deneen Helen © 479-7746
322 Sabloski Anthony © 479-7111
323 Zawadzki Mary Mrs © 479-8468
324 Horn Margt B 475-9665
No Return
325 Lasnicki & Son gros 479-9243
Lasnicki Ann Mrs © 479-9243
VANN ST INTERSECTS
401 Vacant
Lagana Veronica Mrs © 472-3864
403 Chmielewski Bruno © 479-9577
405 Barbato Carmen © 479-9567
406★Greenfield Cinthia © 471-9152

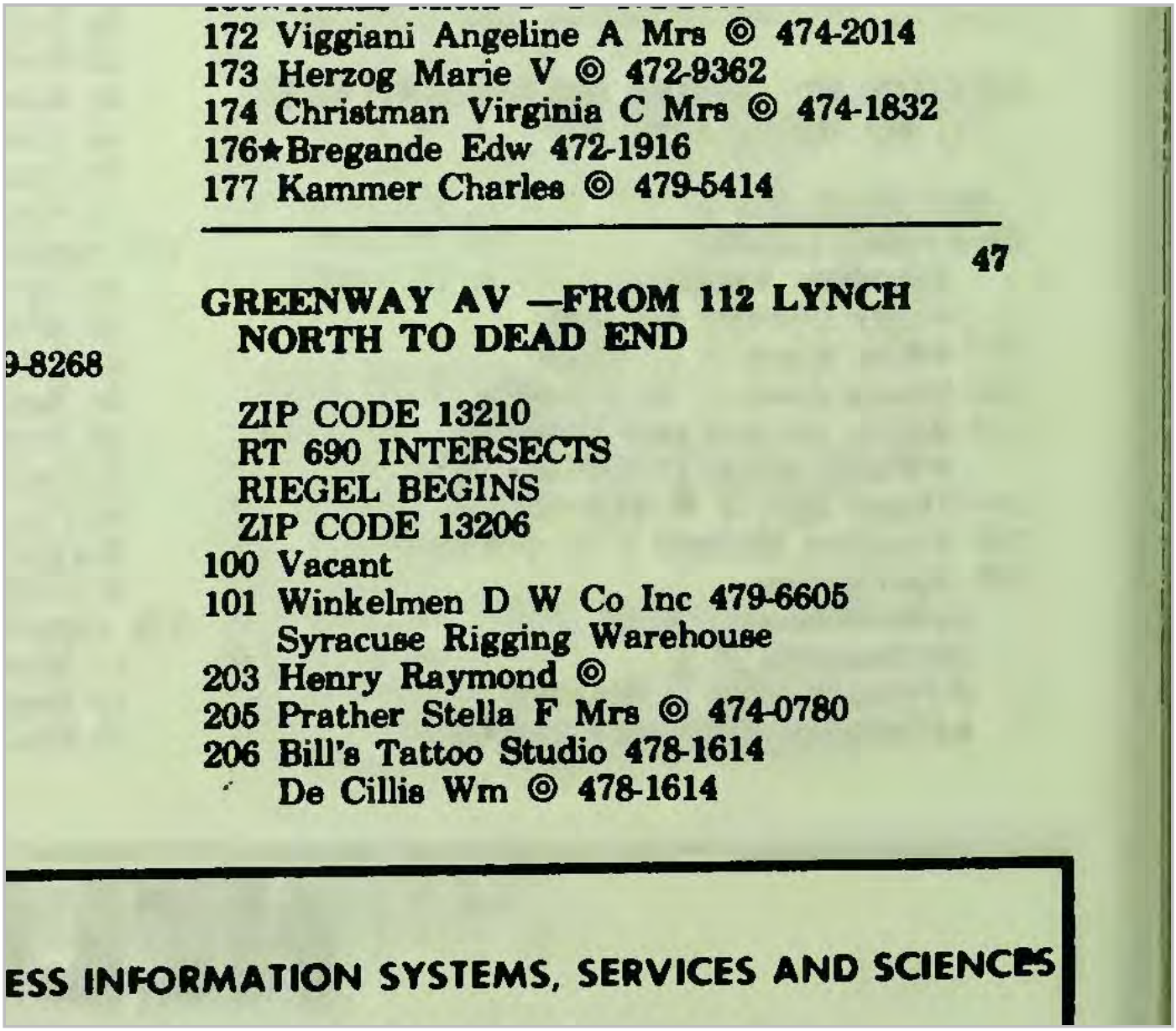
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GREENWOOD PL —FROM THORNDEN PK SOUTHEAST TO 601 CLARENDON

ZIP CODE 13210
100 Browne Eduardo C
101 Viel Jean B Mrs © 476-1911
102 Rasberry Rozz E 474-0774
104 No Return
106 No Return
110 Theus Syrilla © 476-0259
112 Honig Bernard © 472-8535
Honig Ethan J 476-1205
BRISTOL PL BEGINS
202 Broadwater Frank J 474-2227
206 Burnet Patricia A 474-8691
210 Baker Robt W © 472-9218
212 Baker David W 478-2772
213 Siegel Reich M © 422-2832
214 Barzewski John
215★Scorpio Elaine 428-8533
220 Brooks Julia S Mrs © 472-9324
221★Widrick Brenda 478-2584
223 Syracuse Mennonite Fellowship 478-2584
224 Briggs Beverly Jean 479-9960
225 Morrissey Melissa L
226 Miller Christine 422-5404
227 Devito Charles 428-8540
230 Holmes Cordilia Mrs © 475-6672
231 Lange Marie © 476-6503
234 Studt Residence
235 Kallet Janet L 472-0071
238★Matteson Roberta © 474-8246
239 Scalea Donald © 476-9257
243 Belcher Earl V © 478-7360
247 Laidlaw Carleton B Jr © 472-2709
248 Cohen Victor home mtce & repr © 478-1438
250 Rhine Eartha Mrs © 474-0569
253 William Rhudy 474-0292
256 Gorlick Abraham © 472-4867
JUDSON BEGINS
304 Smith Lucille E © 472-7300
Banks Marjorie
308 Celestian John 479-6234
312 Wright Robt © 474-2657
315★Benoit Jeanette 472-3029
316 Resnick Sandee K 476-6103
317 Cohen Michl

700 West Genesee St.
Syracuse, N.Y. 13204
406 N. MILDER AVENUE, MAILING ADDRESS: EASTWOOD STA. (13206)
INDUSTRIAL – COMMERCIAL
(315)
THE ONLY PROFESSIONAL THEATRE
IN CENTRAL NEW YORK

Target Street	Cross Street	Source
✓	-	Polk's City Directory

GREENWAY AVE 1977



172 Viggiani Angeline A Mrs ◎ 474-2014
173 Herzog Marie V ◎ 472-9362
174 Christman Virginia C Mrs ◎ 474-1832
176★Bregande Edw 472-1916
177 Kammer Charles ◎ 479-5414

47

GREENWAY AV —FROM 112 LYNCH NORTH TO DEAD END

9-8268

ZIP CODE 13210
RT 690 INTERSECTS
RIEGEL BEGINS
ZIP CODE 13206
100 Vacant
101 Winkelmen D W Co Inc 479-6605
Syracuse Rigging Warehouse
203 Henry Raymond ◎
205 Prather Stella F Mrs ◎ 474-0780
206 Bill's Tattoo Studio 478-1614
De Cillis Wm ◎ 478-1614

ESS INFORMATION SYSTEMS, SERVICES AND SCIENCES

Target Street	Cross Street	Source
✓	-	Polk's City Directory

GREENWAY AVE 1977

GREENWAY AV—Contd
208 Lagoe Helen Mrs
BURNET AV INTERSECTS
301 Fiorenza Lawrence C ◎ 472-9346
Toscano Benj 479-5401
303 A-Line Of Hair Fashion 476-0161
Labruzzo August T ◎ 422-3303
304 Ptak Beatrice 479-6101
★Fetterly Kevin
Vacant
Sieklucki Bertha Mrs 474-8886
305 Warren Gary ◎ 479-9647
306 Nelson Thos ◎ 476-3778
Marion Kathleen A 479-9541
307 Jarmac Edw ◎ 479-5197
HAWLEY AV ENDS
308 No Return
Hebert Danl R
Dishaw
310 Bukowski Chester ◎ 479-8777
312 Duda Frank S ◎ 479-8672
314 Brieaddy Thos ◎
315 Lamerota
316 Dlugozina Alex A ◎ 479-5327
317 Wierman Wm H ◎ 479-8758
★Harmon John
318 Stryminski Rose Mrs ◎ 479-6589
319 Bell Eliz Mrs ◎ 474-1890
320 Tyminski Joseph M ◎ 479-9066
Esposito Richd L 475-5952
321 Deneen Helen ◎ 479-7746
322 Sabloski Anthony ◎ 479-7111
323 Zawadzki Mary Mrs ◎ 479-8468
324★Wilson L
Gavin Eliz 472-1262
Toth Susan B Mrs 478-2541
325 Lasnicki & Son groc 479-9243
Lasnicki Ann Mrs ◎ 479-9243
VANN INTERSECTS
401 Vacant
Lagana Veronica Mrs ◎ 472-3864
403 Chmielewski Bruno ◎ 479-9577
405 Barbato Carmen ◎ 479-9567
406 Starkman Minnie L Mrs ◎ 474-3686

61

GREENWOOD PL —FROM THORNDEN PK SOUTHEAST TO 601 CLARENDON

ZIP CODE 13210

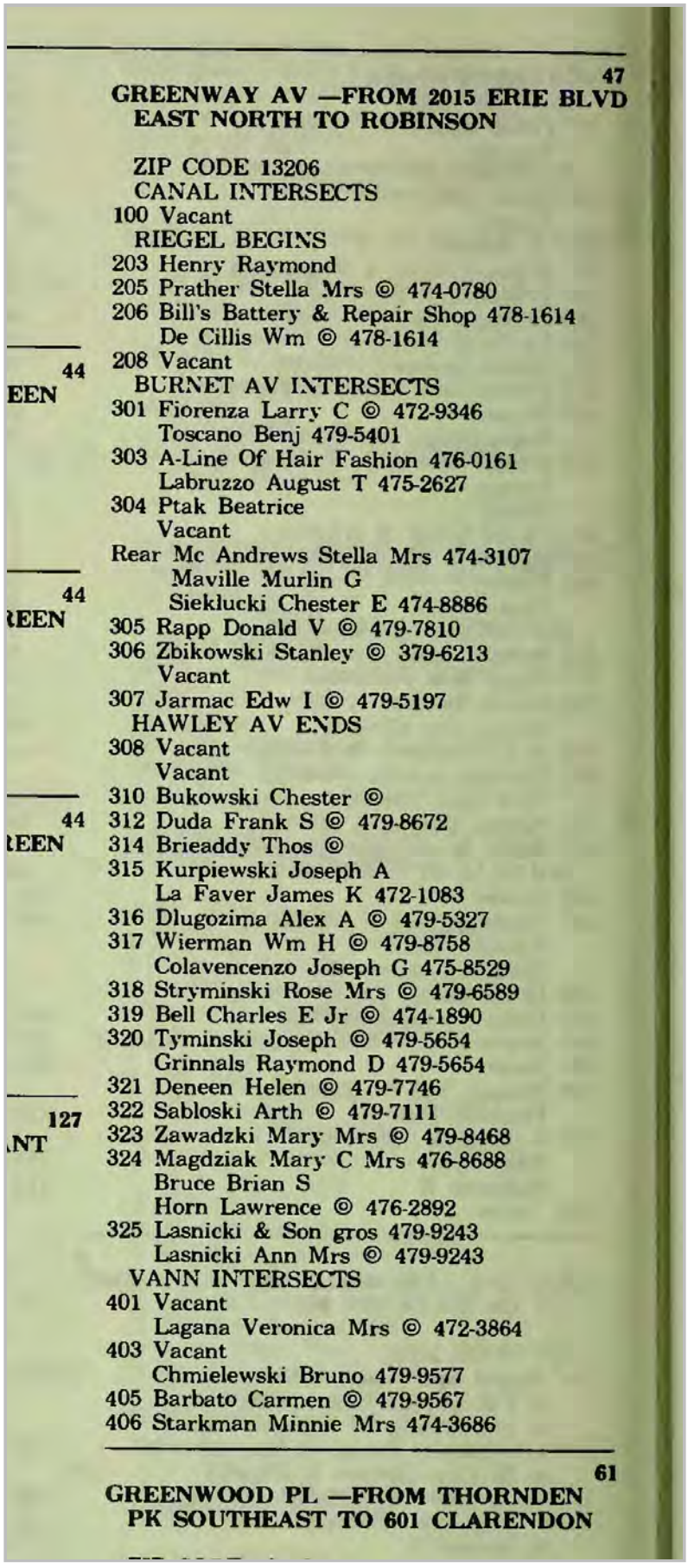
304 Smit
340 Bank
308 De M
312 Simp
315 Evan
316 West
Dunn
317★Clay
Agne
TRINIT
320 Piett
324★Lloy
328 Ishm
400 Warn
404★Hoo
408 Vaca
412 Hars
415 Silkw
416 Quig
420 Soko
★Per
424 Vaca
426 Jone
428 Trisc
AVONI
500 Free
504 Fren
510 Hers
★Wil
516 Kinn

GRIFFIN WEST

ZIP CO
105 Sales
107 La V
109 Jaqu
110★Kort
111★Ryfu
112★Sutli
113 Mc C
114★Vout
115 Gons
116 Wilbu
117 Nuge
118 Quin
119 Hauc
120 Hand

Target Street	Cross Street	Source
✓	-	Polk's City Directory

GREENWAY AVE 1972



47

GREENWAY AV —FROM 2015 ERIE BLVD EAST NORTH TO ROBINSON

ZIP CODE 13206
CANAL INTERSECTS
100 Vacant
RIEGEL BEGINS
203 Henry Raymond
205 Prather Stella Mrs © 474-0780
206 Bill's Battery & Repair Shop 478-1614
De Cillis Wm © 478-1614
208 Vacant
BURNET AV INTERSECTS
301 Fiorenza Larry C © 472-9346
Toscano Benj 479-5401
303 A-Line Of Hair Fashion 476-0161
Labruzzo August T 475-2627
304 Ptak Beatrice
Vacant
Rear Mc Andrews Stella Mrs 474-3107
Maville Murlin G
Sieklucki Chester E 474-8886
305 Rapp Donald V © 479-7810
306 Zbikowski Stanley © 379-6213
Vacant
307 Jarmac Edw I © 479-5197
HAWLEY AV ENDS
308 Vacant
Vacant
310 Bukowski Chester ©
312 Duda Frank S © 479-8672
314 Brieaddy Thos ©
315 Kurpiewski Joseph A
La Faver James K 472-1083
316 Dlugozima Alex A © 479-5327
317 Wierman Wm H © 479-8758
Colavencenzo Joseph G 475-8529
318 Stryminski Rose Mrs © 479-6589
319 Bell Charles E Jr © 474-1890
320 Tyminski Joseph © 479-5654
Grinnals Raymond D 479-5654
321 Deneen Helen © 479-7746
322 Sabloski Arth © 479-7111
323 Zawadzki Mary Mrs © 479-8468
324 Magdziak Mary C Mrs 476-8688
Bruce Brian S
Horn Lawrence © 476-2892
325 Lasnicki & Son gros 479-9243
Lasnicki Ann Mrs © 479-9243
VANN INTERSECTS
401 Vacant
Lagana Veronica Mrs © 472-3864
403 Vacant
Chmielewski Bruno 479-9577
405 Barbato Carmen © 479-9567
406 Starkman Minnie Mrs 474-3686

61

GREENWOOD PL —FROM THORNDEN PK SOUTHEAST TO 601 CLARENDON

Target Street	Cross Street	Source
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GREENWAY AVE 1968



MAIN OFFICE: 100 SOUTH SALINA

145

GREENLAND DR--CONTD

130 KING RICHD D ● GR2-8731
131 RENCINO DELORES A MRS
132 MILLER RENA M MRS ● GR4-1344
135 GALVAGNO FRANCIS R ● GR4-3858
138 UNGLEICH LEONARD V ● 474-8640
141 SCHOTTHAFER JOHN ● GR4-3086
142 STOHRER EVELYN A ● GR4-2622
144 JACQUES PHILIP N ● GR4-2015
145 WORLOCK WM W ● 472-0954
149 KEPPELER ERVA MPS ● GR4-1842
150 WILKENS JEROME J ● GR2-9319
153 HARGER CORNELIUS W ● 479-6003
154 DI SERIO DOMINICK B GR9-7092
156 CURRAN THOS F INS AGT ● GR4-1162
158 TRIOLO SANTA MRS ● GR4-6227
159 ALM DAVID A ● GR4-2364
163 REITH FRANK B 472-0863
164 MEHALLOW GEO ● GR2-0180
167 WAGNER BEULAH H ● GR4-1137
168 HERHOLZ LOUISE B MRS ● GR9-6591
172 VIGGIANI ANGELINE A MRS ● GR4-2014
173 HERZOG MARIE V ● GR2-9362
174 CHRISTMAN VIRGINIA MRS ● 474-1832
177 GEHM WM A ● GR4-1345

47

GREENWAY AV -FROM 2015 ERIE BLVD EAST NORTH TO ROBINSON

---ZIP CODE 13206
---CANAL INTERSECTS
100 VACANT
VACANT
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101 VACANT
---NYCRR CROSSES
---RIEGEL INTERSECTS
203 LOJEWSKI FLORENCE K MRS ● GR9-6710
205 PRATHER STELLA MRS ● GR4-0780
206 DE CILLIS JOHN A ●
208 MIELNICKI CARL J ● GR4-3561
---BURNET AV INTERSECTS
301 FIORENZA LARRY C ● GR4-9346
301½ TOSCANO BENJ GR9-5401
303 JANE'S BEAUTY SHOP GR9-5608
SAKOWSKI ANNA MRS ● GR9-5608
304 KOZIOL STANLEY GR4-4359
MARTINSKY JANE MRS GR4-3107
ASHLEY HERMAN
SIEKLUCKI CHESTER E GR4-8886
305 RAPP DONALD V ● 479-7810
306 ZBIKOWSKI STANLEY ● GR9-6213
SWIDERSKI STELLA 479-9675
307 JARMAC EDW I ● GR9-5197
---HAWLEY AV ENDS
308 VACANT
KALINOWSKI ANNE F MRS ● GR9-9434
LESINSKI MARY B MRS
310 BUKOWSKI CHESTER ● GR9-8777
312 OUDA FRANK S ● GR9-8672
314 BRIEADY THOS ●
315 KURPIEWSKI JOSEPH A
STEVENS GORDON MRS
LAFAVER JAMES
316 DLUGOZIMA ALEX A ● GR9-5327
317 WIERMAN WM H ● GR9-8758
KURYLA RICHD
318 STRYMINSKI ROSE MRS ● GR9-6589
319 BELL CHARLES E JR ● GR4-1890
320 TYMINSKI JOSEPH ● GR9-5654
321 DENEEN HELEN C ● GR9-7746
322 SABLOWSKI ANTHONY W ● GR9-7111
323 ZAWADZKI MARY MRS ● GR9-8468
VACANT
324 MAGDZIAK MARY C MRS
WHALEY BETTY J
VACANT
325 LASNICKI & SON GROS GR9-9243
LASNICKI ANN MRS ● GR9-9243
---VANN INTERSECTS
401 VACANT
LAGANA FRANK GR2-3864
403 CHMIELEWSKI FRANCES K MRS ● GR9-9577
405 BARBATO CARMEN ● GR9-9567
406 STARKMAN GLENN ● GR4-4027

61

GREENWOOD PL -FROM THORNDEN PK SOUTHEAST TO 601 CLARENDON

---ZIP CODE 13210
100 KEEFER HENRY
101 VIEL WM C ● 476-1911
102 VACANT
104 MARKAM WOLFE ● GR2-8565
106 MULLER RICH 475-7958
110 VACANT
112 HONIG BERNARD ● GR2-8535
---BRISTOL PL BEGINS
202 RUCKMAN EDERITH 478-2576
206 BURNETT THELMA H MRS ● 474-8691
210 BAKER ROBT W GR2-9218
212 BAKER ELLEN A MRS ● GR2-8774
213 SIEGEL HELEN MRS ● GR2-5926
214 COHEN DAVID M ● GR4-5217
215 VACANT
220 BROOKS GEO A ● GR2-9324
221 BOVA JOSEPH D 475-7002
223 MORSE JACK 472-1650
224 VACANT
225 TOUKAN DSAMAH R ● 475-3480
BOSCHAN PETER J 472-2642
226 REED HAROLD J ● GR2-0024
227 MICKS MARGUERITE S MRS GR2-9398
230 VACANT
231 BROWN HAROLD E JR ● 478-6501
234 MILLER MORTON J ● GR2-3038
235 GRANGER J THEDFORD ● GR2-8449
238 RUST ELMER G ● GR2-8745
239 VACANT
243 FERGUSON ETHEL M MRS ● GR2-8538
247 HOLZWARTH RALPH E ● GR2-1870
248 SEIMER STANLEY J ● GR2-9391
250 STEENBERG DONALD W ● GR2-7497
253 STEPHANOFF THOS ● 472-7952
256 GORLICK ABE ● GR2-4867
---JUDSON BEGINS
301 ALLEN DAVID G ● 474-6940
VACANT
304 VACANT
308 GRAHAM MARY E MRS GR2-4010
312 VACANT
315 VACANT
RICHARDS NORMAN
316 AMIDON PAUL 472-1402
317 LEACACOS WM J
MC MURRAY JAMES
---TRINITY PL BEGINS
320 PIETTE MARGT M 472-7388
324 VACANT
328 VACANT
400 NOELLER RICH F 479-7826
PHILLIPS WM
404 BAKER WM ● 476-3084
408 VACANT
412 HARSCH ALPHONSE J ●
415 HOGAN CHARLES J ● GR4-6224
416 QUIGLEY EDW F ● GR2-5158
420 NO RETURN
BLAIR H ALEXANDER 472-1740
424 DORSEY CHARLES J ● 479-8546
426 NO RETURN
428 TRISCHKA JOHN W ● GR2-5648
---AVONDALE PL BEGINS
500 FREEMAN EMMA MRS
504 DELAVAN WM 476-8970
510 HERSHER LEONARD ● GR2-0348
WILLM ROBT F GR2-2473
516 KINNE LUCILLE E ● GR2-6075

72

GRIFFIN ST -FROM 362 VALLEY DR WEST

---ZIP CODE 13207
105 KNAPP CHARLES F ● GR6-8644
107 LA VERE LOUIS F ● GR8-4780
109 JAQUIN ROBT B ● 475-2809
110 TAYLOR ELEANOR C MRS ● GR8-5328

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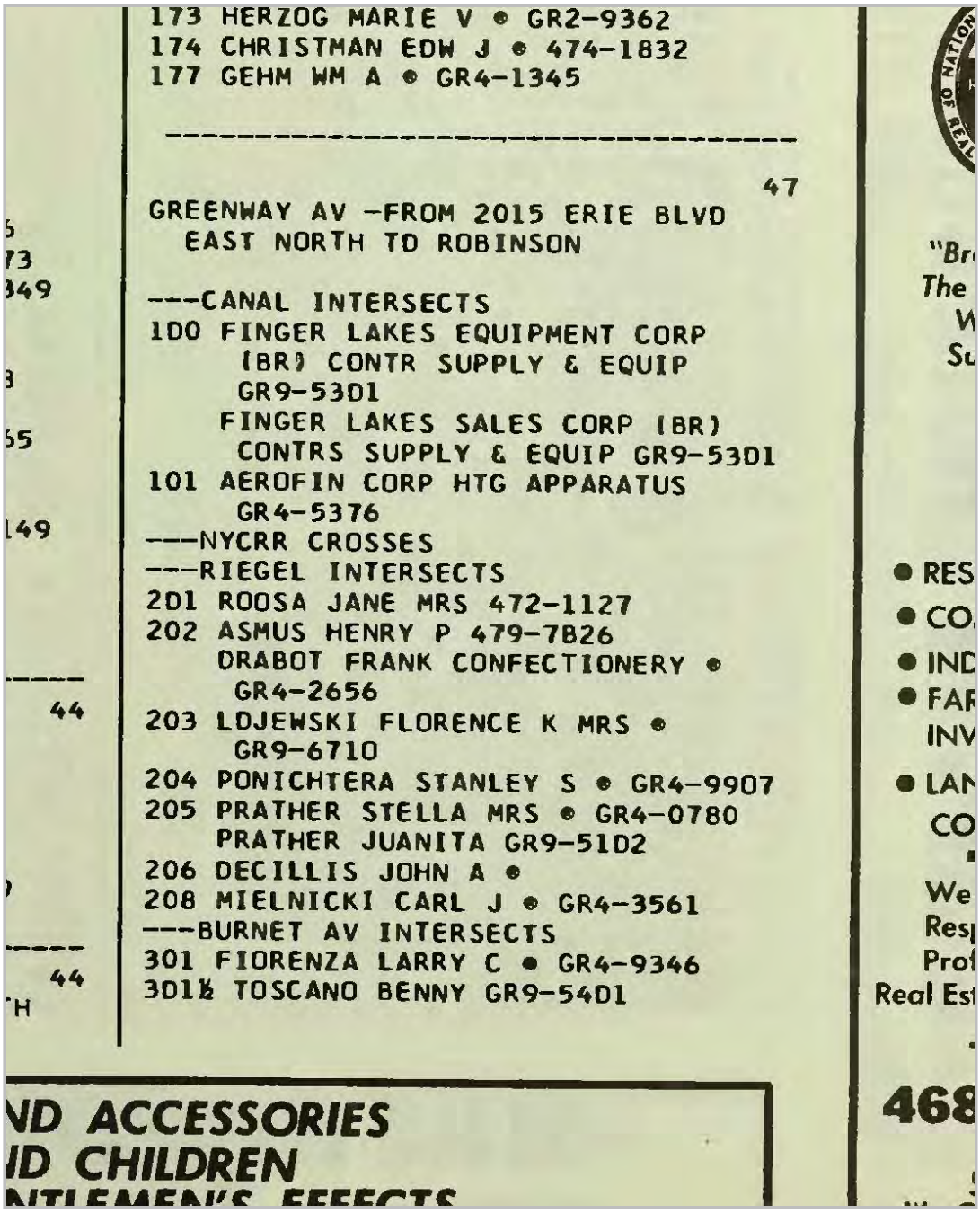
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P&S PASS & SEYMOUR,
Established 1890
Manufacturers of Electrical Wiring Devices, Alabax Ceramic Lighti

Target Street	Cross Street	Source
✓	-	Polk's City Directory

GREENWAY AVE 1964



173 HERZOG MARIE V • GR2-9362
174 CHRISTMAN EDW J • 474-1832
177 GEHM WM A • GR4-1345

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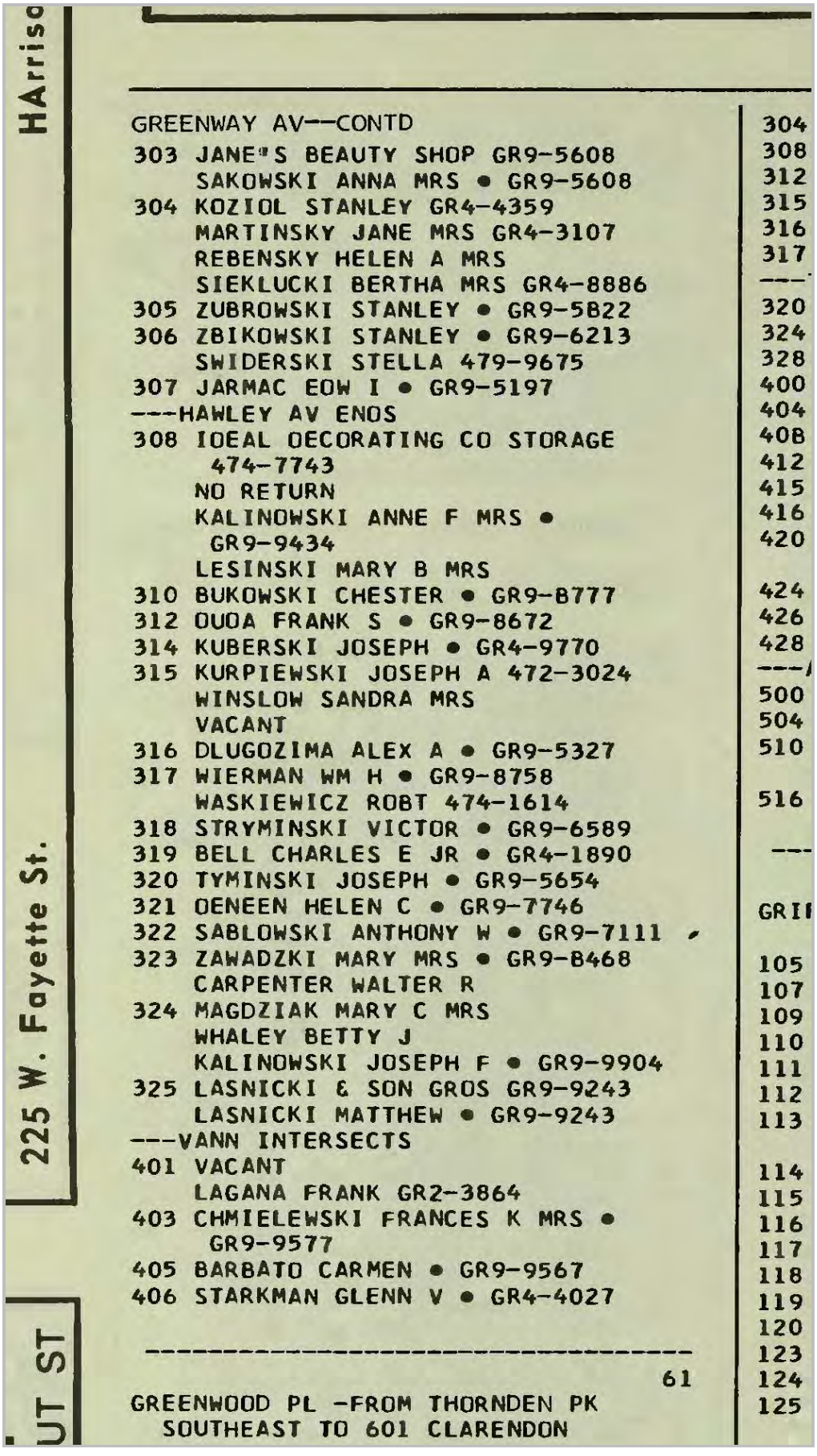
GREENWAY AV -FROM 2015 ERIE BLVD
EAST NORTH TO ROBINSON

---CANAL INTERSECTS
100 FINGER LAKES EQUIPMENT CORP
(BR) CONTR SUPPLY & EQUIP
GR9-5301
FINGER LAKES SALES CORP (BR)
CONTRS SUPPLY & EQUIP GR9-5301
101 AEROFIN CORP HTG APPARATUS
GR4-5376
---NYCRR CROSSES
---RIEGEL INTERSECTS
201 ROOSA JANE MRS 472-1127
202 ASMUS HENRY P 479-7826
DRABOT FRANK CONFECTIONERY •
GR4-2656
203 LOJEWSKI FLORENCE K MRS •
GR9-6710
204 PONICHTERA STANLEY S • GR4-9907
205 PRATHER STELLA MRS • GR4-0780
PRATHER JUANITA GR9-5102
206 DECILLIS JOHN A •
208 MIELNICKI CARL J • GR4-3561
---BURNET AV INTERSECTS
301 FIORENZA LARRY C • GR4-9346
301½ TOSCANO BENNY GR9-5401

ND ACCESSORIES
ID CHILDREN

Target Street	Cross Street	Source
✓	-	Polk's City Directory

GREENWAY AVE 1964



HArriso

225 W. Fayette St.

UT ST

GREENWAY AV--CONTD
303 JANE'S BEAUTY SHOP GR9-5608
SAKOWSKI ANNA MRS • GR9-5608
304 KOZIOL STANLEY GR4-4359
MARTINSKY JANE MRS GR4-3107
REBENSKY HELEN A MRS
SIEKLUCKI BERTHA MRS GR4-8886
305 ZUBROWSKI STANLEY • GR9-5822
306 ZBIKOWSKI STANLEY • GR9-6213
SWIDERSKI STELLA 479-9675
307 JARMAC EOW I • GR9-5197
---HAWLEY AV ENOS
308 IDEAL DECORATING CO STORAGE
474-7743
NO RETURN
KALINOWSKI ANNE F MRS •
GR9-9434
LESINSKI MARY B MRS
310 BUKOWSKI CHESTER • GR9-8777
312 OUDA FRANK S • GR9-8672
314 KUBERSKI JOSEPH • GR4-9770
315 KURPIEWSKI JOSEPH A 472-3024
WINSLOW SANDRA MRS
VACANT
316 DLUGOZIMA ALEX A • GR9-5327
317 WIERMAN WM H • GR9-8758
WASKIEWICZ ROBT 474-1614
318 STRYMINSKI VICTOR • GR9-6589
319 BELL CHARLES E JR • GR4-1890
320 TYMINSKI JOSEPH • GR9-5654
321 DENEEN HELEN C • GR9-7746
322 SABLOWSKI ANTHONY W • GR9-7111
323 ZAWADZKI MARY MRS • GR9-8468
CARPENTER WALTER R
324 MAGDZIAK MARY C MRS
WHALEY BETTY J
KALINOWSKI JOSEPH F • GR9-9904
325 LASNICKI & SON GROS GR9-9243
LASNICKI MATTHEW • GR9-9243
---VANN INTERSECTS
401 VACANT
LAGANA FRANK GR2-3864
403 CHMIELEWSKI FRANCES K MRS •
GR9-9577
405 BARBATO CARMEN • GR9-9567
406 STARKMAN GLENN V • GR4-4027

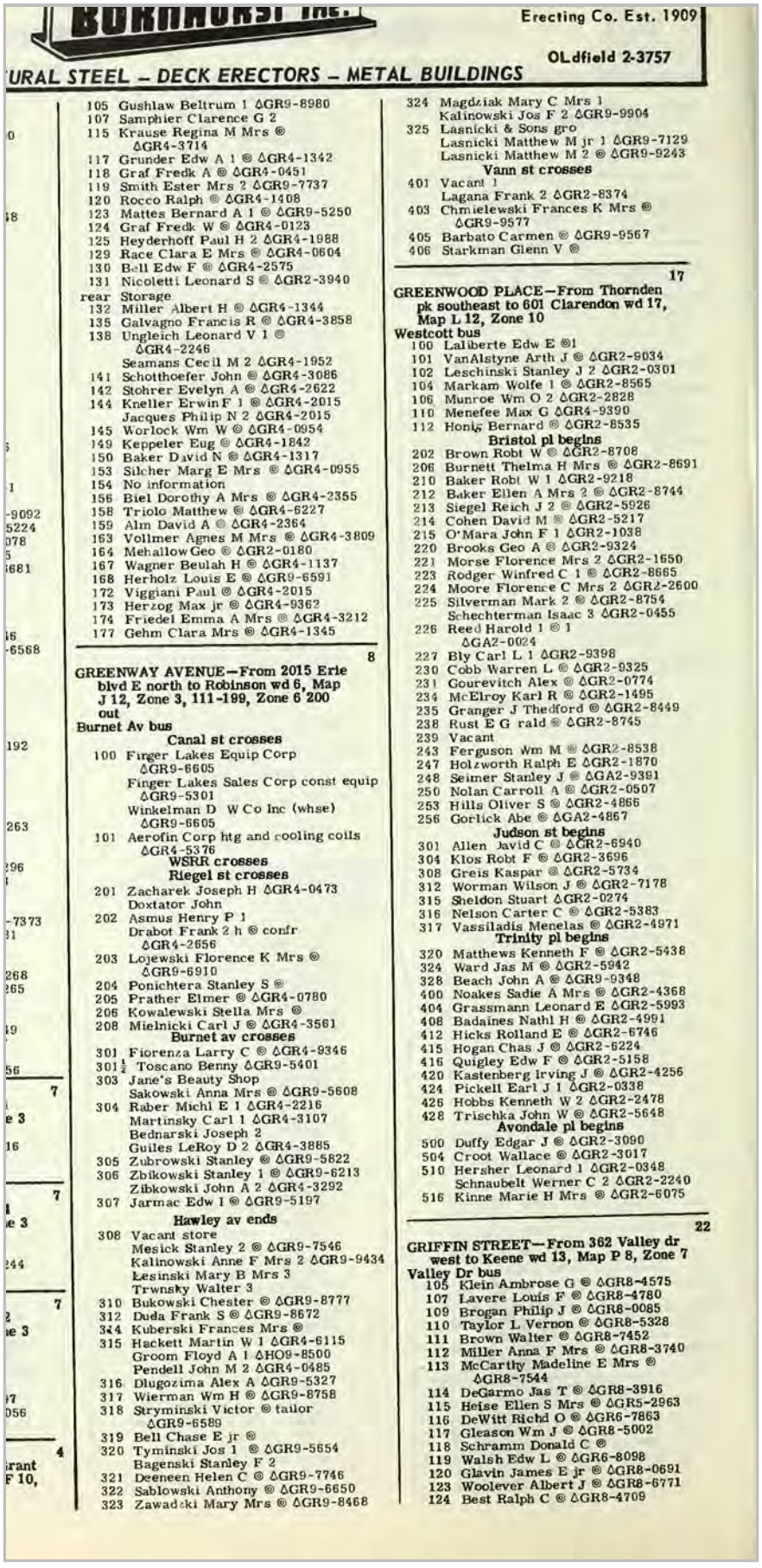
61

GREENWOOD PL -FROM THORNDEN PK
SOUTHEAST TO 601 CLARENDON

304 308 312 315 316 317 320 324 328 400 404 408 412 415 416 420 424 426 428 500 504 510 516 105 107 109 110 111 112 113 114 115 116 117 118 119 120 123 124 125

Target Street	Cross Street	Source
✓	-	Polk's City Directory

GREENWAY AVE 1959



BUKOWSKI INC.

Erecting Co. Est. 1909

OLdfield 2-3757

URAL STEEL – DECK ERECTORS – METAL BUILDINGS

105 Gushlaw Beltrum 1 ΔGR9-8980
107 Samphier Clarence G 2
115 Krause Regina M Mrs ®
ΔGR4-3714
117 Grunder Edw A 1 ® ΔGR4-1342
118 Graf Fredk A ® ΔGR4-0451
119 Smith Ester Mrs 2 ΔGR9-7737
120 Rocco Ralph ® ΔGR4-1408
123 Mattes Bernard A 1 ® ΔGR9-5250
124 Graf Fredk W ® ΔGR4-0123
125 Heyderhoff Paul H 2 ΔGR4-1988
129 Race Clara E Mrs ® ΔGR4-0604
130 Bell Edw F ® ΔGR4-2575
131 Nicoletti Leonard S ® ΔGR2-3940
rear Storage
132 Miller Albert H ® ΔGR4-1344
135 Galvagno Francis R ® ΔGR4-3858
138 Ungleich Leonard V 1 ®
ΔGR4-2246
Seamans Cecil M 2 ΔGR4-1952
141 Schotthoefer John ® ΔGR4-3086
142 Stohrer Evelyn A ® ΔGR4-2622
144 Kneller Erwin F 1 ® ΔGR4-2015
Jacques Philip N 2 ΔGR4-2015
145 Worlock Wm W ® ΔGR4-0954
149 Keppeler Eug ® ΔGR4-1842
150 Baker David N ® ΔGR4-1317
153 Silcher Marg E Mrs ® ΔGR4-0955
154 No information
156 Biel Dorothy A Mrs ® ΔGR4-2355
158 Triolo Matthew ® ΔGR4-6227
159 Alm David A ® ΔGR4-2364
163 Vollmer Agnes M Mrs ® ΔGR4-3809
164 Mehallow Geo ® ΔGR2-0180
167 Wagner Beulah H ® ΔGR4-1137
168 Herholz Louis E ® ΔGR9-6591
172 Viggiani Paul ® ΔGR4-2015
173 Herzog Max jr ® ΔGR4-9362
174 Friedel Emma A Mrs ® ΔGR4-3212
177 Gehm Clara Mrs ® ΔGR4-1345

8

GREENWAY AVENUE—From 2015 Erie blvd E north to Robinson wd 6, Map J 12, Zone 3, 111-199, Zone 6 200 out

Burnet Av bus

Canal st crosses

100 Finger Lakes Equip Corp
ΔGR9-6605
Finger Lakes Sales Corp const equip
ΔGR9-5301
Winkelman D W Co Inc (whse)
ΔGR9-6605
101 Aerofin Corp htg and cooling coils
ΔGR4-5376

WSRR crosses

Riegel st crosses

201 Zacharek Joseph H ΔGR4-0473
Doxtator John
202 Asmus Henry P 1
Drabot Frank 2 h ® confr
ΔGR4-2656
203 Lojewski Florence K Mrs ®
ΔGR9-6910
204 Ponichtera Stanley S ®
205 Prather Elmer ® ΔGR4-0780
206 Kowalewski Stella Mrs ®
208 Mielnicki Carl J ® ΔGR4-3561

Burnet av crosses

301 Fiorenza Larry C ® ΔGR4-9346
301½ Toscano Benny ΔGR9-5401
303 Jane's Beauty Shop
Sakowski Anna Mrs ® ΔGR9-5608
304 Raber Michl E 1 ΔGR4-2216
Martinsky Carl 1 ΔGR4-3107
Bednarski Joseph 2
Guiles LeRoy D 2 ΔGR4-3885
305 Zubrowski Stanley ® ΔGR9-5822
306 Zbikowski Stanley 1 ® ΔGR9-6213
Zibkowski John A 2 ΔGR4-3292
307 Jarmac Edw I ® ΔGR9-5197

Hawley av ends

308 Vacant store
Mesick Stanley 2 ® ΔGR9-7546
Kalinowski Anne F Mrs 2 ΔGR9-9434
Lesinski Mary B Mrs 3
Trwnsky Walter 3
310 Bukowski Chester ® ΔGR9-8777
312 Duda Frank S ® ΔGR9-8672
314 Kuberski Frances Mrs ®
315 Hackett Martin W 1 ΔGR4-6115
Groom Floyd A 1 ΔHO9-8500
Pendell John M 2 ΔGR4-0485
316 Dlugozima Alex A ΔGR9-5327
317 Wierman Wm H ® ΔGR9-8758
318 Stryminski Victor ® tailor
ΔGR9-6589
319 Bell Chase E jr ®
320 Tyminski Jos 1 ® ΔGR9-5654
Bagenski Stanley F 2
321 Deeneen Helen C ® ΔGR9-7746
322 Sablowski Anthony ® ΔGR9-6650
323 Zawadski Mary Mrs ® ΔGR9-8468
324 Magdziak Mary C Mrs 1
Kalinowski Jos F 2 ΔGR9-9904
325 Lasnicki & Sons gro
Lasnicki Matthew M jr 1 ΔGR9-7129
Lasnicki Matthew M 2 ® ΔGR9-9243

Vann st crosses

401 Vacant 1
Lagana Frank 2 ΔGR2-8374
403 Chmielewski Frances K Mrs ®
ΔGR9-9577
405 Barbato Carmen ® ΔGR9-9567
406 Starkman Glenn V ®

17

GREENWOOD PLACE—From Thornden pk southeast to 601 Clarendon wd 17, Map L 12, Zone 10

Westcott bus

100 Laliberte Edw E ®1
101 VanAlstyne Arth J ® ΔGR2-9034
102 Leschinski Stanley J 2 ΔGR2-0301
104 Markam Wolfe 1 ® ΔGR2-8565
106 Munroe Wm O 2 ΔGR2-2828
110 Menefee Max G ΔGR4-9390
112 Honig Bernard ® ΔGR2-8535

Bristol pl begins

202 Brown Robt W ® ΔGR2-8708
206 Burnett Thelma H Mrs ® ΔGR2-8691
210 Baker Robt W 1 ΔGR2-9218
212 Baker Ellen A Mrs 2 ® ΔGR2-8744
213 Siegel Reich J 2 ® ΔGR2-5926
214 Cohen David M ® ΔGR2-5217
215 O'Mara John F 1 ΔGR2-1038
220 Brooks Geo A ® ΔGR2-9324
221 Morse Florence Mrs 2 ΔGR2-1650
223 Rodger Winfred C 1 ® ΔGR2-8665
224 Moore Florence C Mrs 2 ΔGR2-2600
225 Silverman Mark 2 ® ΔGR2-8754
Schechterman Isaac 3 ΔGR2-0455
226 Reed Harold 1 ® 1
ΔGA2-0024
227 Bly Carl L 1 ΔGR2-9398
230 Cobb Warren L ® ΔGR2-9325
231 Gourevitch Alex ® ΔGR2-0774
234 McElroy Karl R ® ΔGR2-1495
235 Granger J Thedford ® ΔGR2-8449
238 Rust E G rald ® ΔGR2-8745
239 Vacant
243 Ferguson Wm M ® ΔGR2-8538
247 Holzworth Ralph E ΔGR2-1870
248 Seimer Stanley J ® ΔGA2-9381
250 Nolan Carroll A ® ΔGR2-0507
253 Hills Oliver S ® ΔGR2-4866
256 Gorlick Abe ® ΔGA2-4867

Judson st begins

301 Allen Javid C ® ΔGR2-6940
304 Klos Robt F ® ΔGR2-3696
308 Greis Kaspar ® ΔGR2-5734
312 Worman Wilson J ® ΔGR2-7178
315 Sheldon Stuart ΔGR2-0274
316 Nelson Carter C ® ΔGR2-5383
317 Vassiladis Menelas ® ΔGR2-4971

Trinity pl begins

320 Matthews Kenneth F ® ΔGR2-5438
324 Ward Jas M ® ΔGR2-5942
328 Beach John A ® ΔGR9-9348
400 Noakes Sadie A Mrs ® ΔGR2-4368
404 Grassmann Leonard E ΔGR2-5993
408 Badaines Nathl H ® ΔGR2-4991
412 Hicks Rolland E ® ΔGR2-6746
415 Hogan Chas J ® ΔGR2-6224
416 Quigley Edw F ® ΔGR2-5158
420 Kastenberg Irving J ® ΔGR2-4256
424 Pickell Earl J 1 ΔGR2-0338
426 Hobbs Kenneth W 2 ΔGR2-2478
428 Trischka John W ® ΔGR2-5648

Avondale pl begins

500 Duffy Edgar J ® ΔGR2-3090
504 Croot Wallace ® ΔGR2-3017
510 Hersher Leonard 1 ΔGR2-0348
Schnaubelt Werner C 2 ΔGR2-2240
516 Kinne Marie H Mrs ® ΔGR2-6075

22

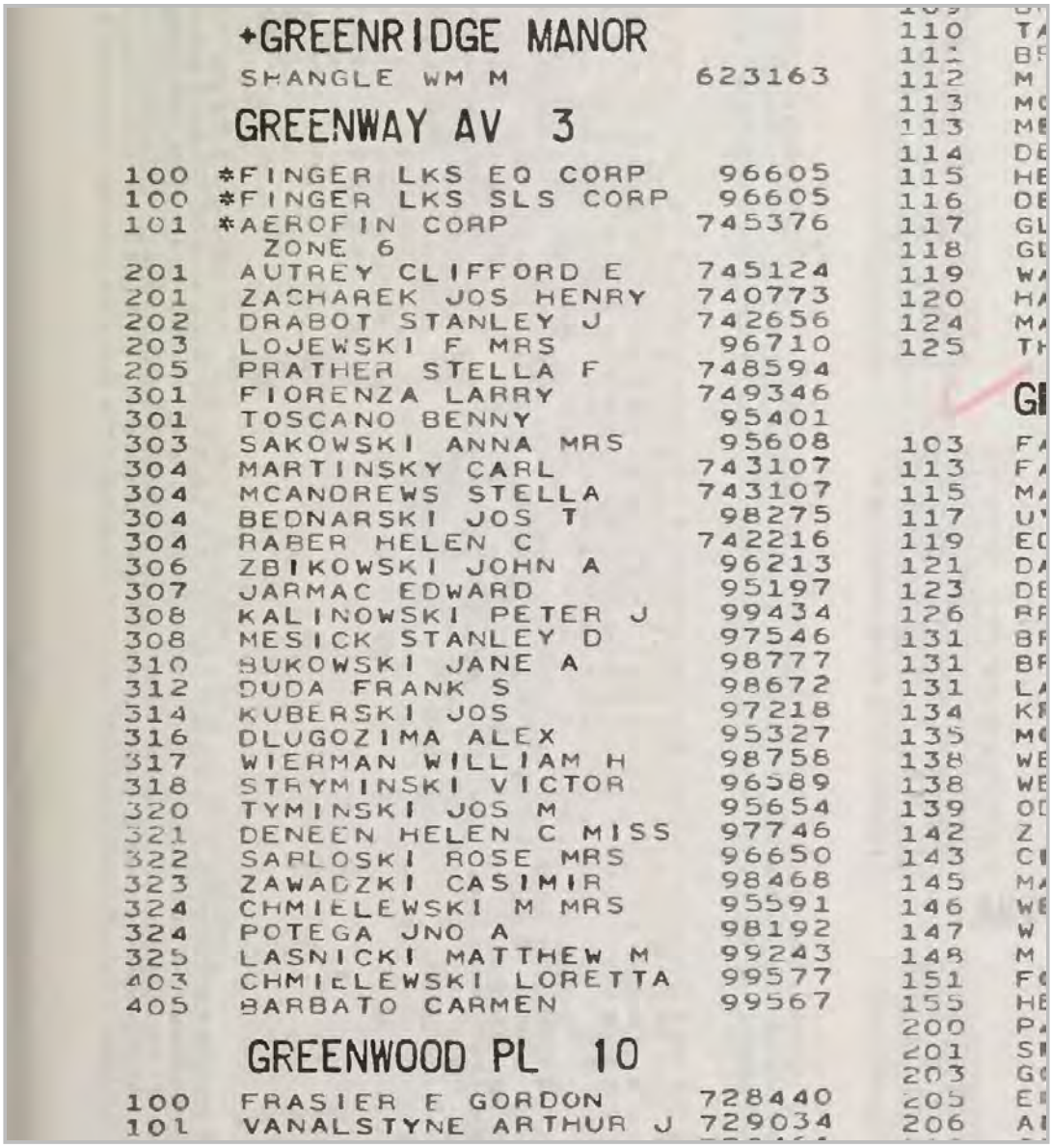
GRIFFIN STREET—From 362 Valley dr west to Keene wd 13, Map P 8, Zone 7

Valley Dr bus

105 Klein Ambrose G ® ΔGR8-4575
107 Lavere Louis F ® ΔGR8-4780
109 Brogan Philip J ® ΔGR8-0085
110 Taylor L Vernon ® ΔGR8-5328
111 Brown Walter ® ΔGR8-7452
112 Miller Anna F Mrs ® ΔGR8-3740
113 McCarthy Madeline E Mrs ®
ΔGR8-7544
114 DeGarmo Jas T ® ΔGR8-3916
115 Heise Ellen S Mrs ® ΔGR5-2963
116 DeWitt Richd O ® ΔGR6-7863
117 Gleason Wm J ® ΔGR8-5002
118 Schramm Donald C ®
119 Walsh Edw L ® ΔGR6-8098
120 Glavin James E jr ® ΔGR8-0691
123 Woolever Albert J ® ΔGR8-6771
124 Best Ralph C ® ΔGR8-4709

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

GREENWAY AVE 1955



+GREENRIDGE MANOR

SHANGLE WM M 623163

GREENWAY AV 3

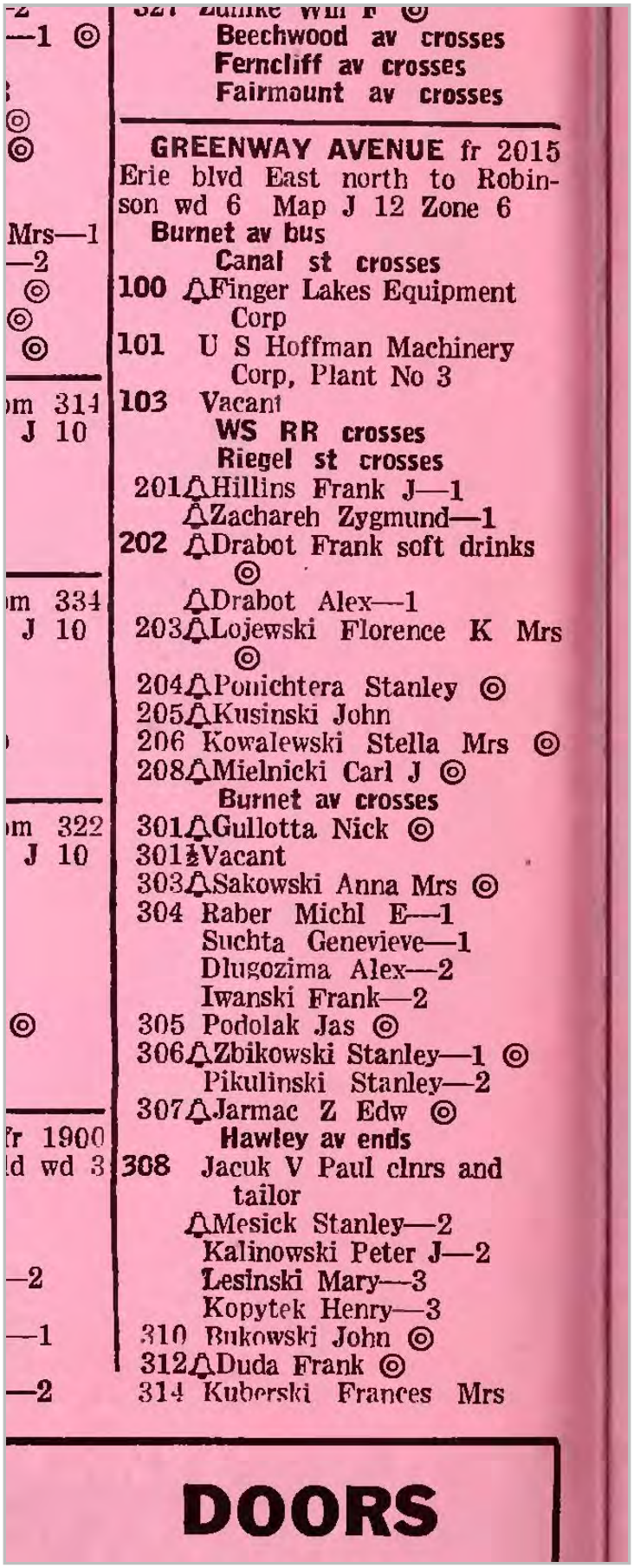
100 *FINGER LKS EQ CORP 96605
100 *FINGER LKS SLS CORP 96605
101 *AEROFIN CORP 745376
ZONE 6
201 AUTREY CLIFFORD E 745124
201 ZACHAREK JOS HENRY 740773
202 DRABOT STANLEY J 742656
203 LOJEWSKI F MRS 96710
205 PRATHER STELLA F 748594
301 FIORENZA LARRY 749346
301 TOSCANO BENNY 95401
303 SAKOWSKI ANNA MRS 95608
304 MARTINSKY CARL 743107
304 MCANDREWS STELLA 743107
304 BEDNARSKI JOS T 98275
304 RABER HELEN C 742216
306 ZBIKOWSKI JOHN A 96213
307 JARMAC EDWARD 95197
308 KALINOWSKI PETER J 99434
308 MESICK STANLEY D 97546
310 BUKOWSKI JANE A 98777
312 DUDA FRANK S 98672
314 KUBERSKI JOS 97218
316 DLUGOZIMA ALEX 95327
317 WIERMAN WILLIAM H 98758
318 STRYMINSKI VICTOR 96589
320 TYMINSKI JOS M 95654
321 DENEEN HELEN C MISS 97746
322 SARLOSKI ROSE MRS 96650
323 ZAWADZKI CASIMIR 98468
324 CHMIELEWSKI M MRS 95591
324 POTEGA JNO A 98192
325 LASNICKI MATTHEW M 99243
403 CHMIELEWSKI LORETTA 99577
405 BARBATO CARMEN 99567

GREENWOOD PL 10

100 FRASIER E GORDON 728440
101 VANALSTYNE ARTHUR J 729034

Target Street	Cross Street	Source
✓	-	Polk's City Directory

GREENWAY AVE 1949



Beechwood av crosses
Ferncliff av crosses
Fairmount av crosses

GREENWAY AVENUE fr 2015 Erie blvd East north to Robinson wd 6 Map J 12 Zone 6

Burnet av bus
Canal st crosses

100 Finger Lakes Equipment Corp
101 U S Hoffman Machinery Corp, Plant No 3
103 Vacant

WS RR crosses
Riegel st crosses

201 Hillins Frank J—1
Zachareh Zygmund—1
202 Drabot Frank soft drinks ◎
Drabot Alex—1
203 Lojewski Florence K Mrs ◎
204 Ponichtera Stanley ◎
205 Kusinski John
206 Kowalewski Stella Mrs ◎
208 Mielnicki Carl J ◎

Burnet av crosses

301 Gullotta Nick ◎
301½ Vacant
303 Sakowski Anna Mrs ◎
304 Raber Michl E—1
Suchta Genevieve—1
Dlugozima Alex—2
Iwanski Frank—2
305 Podolak Jas ◎
306 Zbikowski Stanley—1 ◎
Pikulinski Stanley—2
307 Jarmac Z Edw ◎

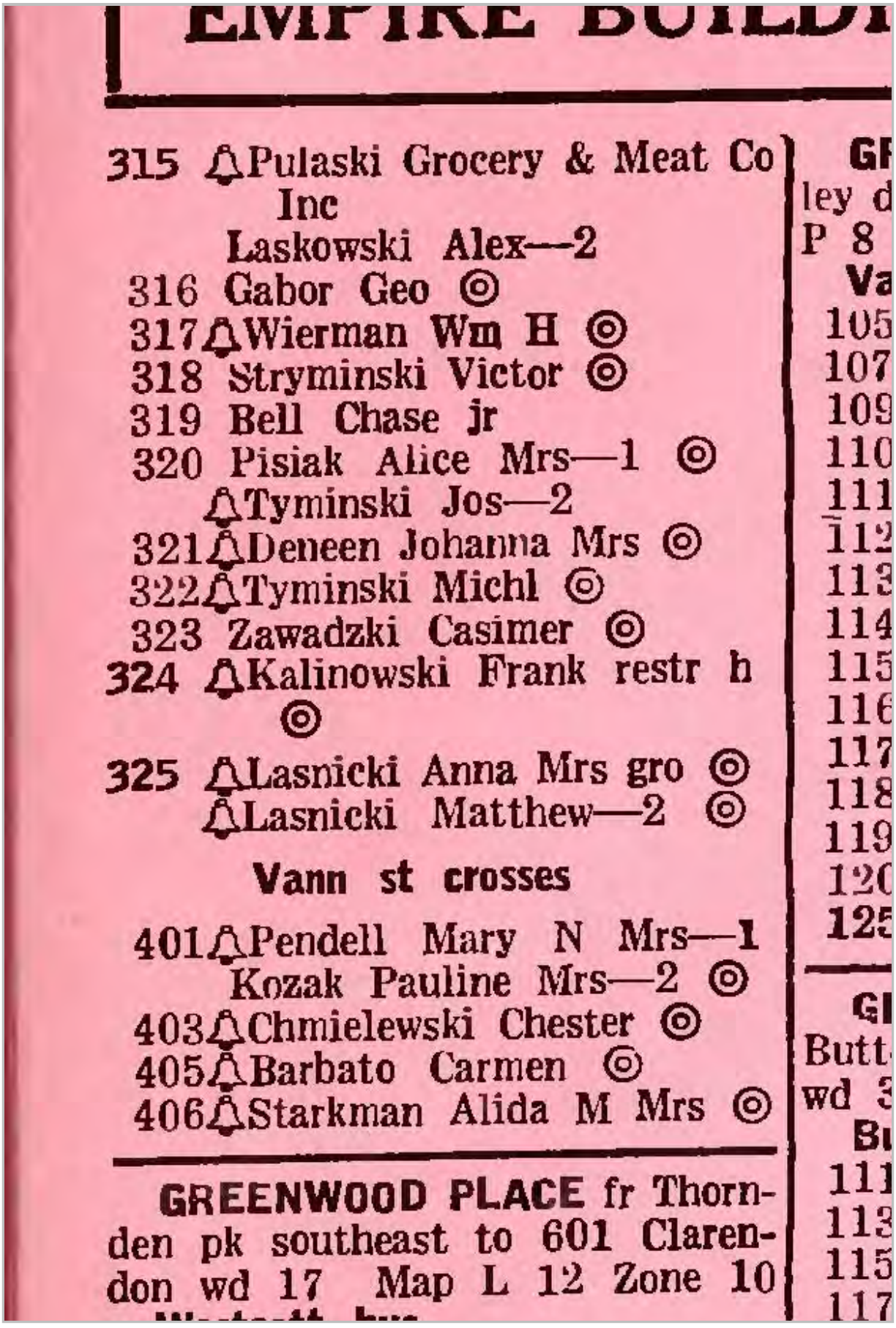
Hawley av ends

308 Jacuk V Paul clnrs and tailor
Mesick Stanley—2
Kalinowski Peter J—2
Lesinski Mary—3
Kopytek Henry—3
310 Bukowski John ◎
312 Duda Frank ◎
314 Kuberski Frances Mrs

DOORS

Target Street	Cross Street	Source
✓	-	Polk's City Directory

GREENWAY AVE 1949



315 Pulaski Grocery & Meat Co Inc
Laskowski Alex—2
316 Gabor Geo ◎
317 Wierman Wm H ◎
318 Stryminski Victor ◎
319 Bell Chase jr
320 Pisiak Alice Mrs—1 ◎
Tyminski Jos—2
321 Deneen Johanna Mrs ◎
322 Tyminski Michl ◎
323 Zawadzki Casimer ◎
324 Kalinowski Frank restr h ◎
325 Lasnicki Anna Mrs gro ◎
Lasnicki Matthew—2 ◎

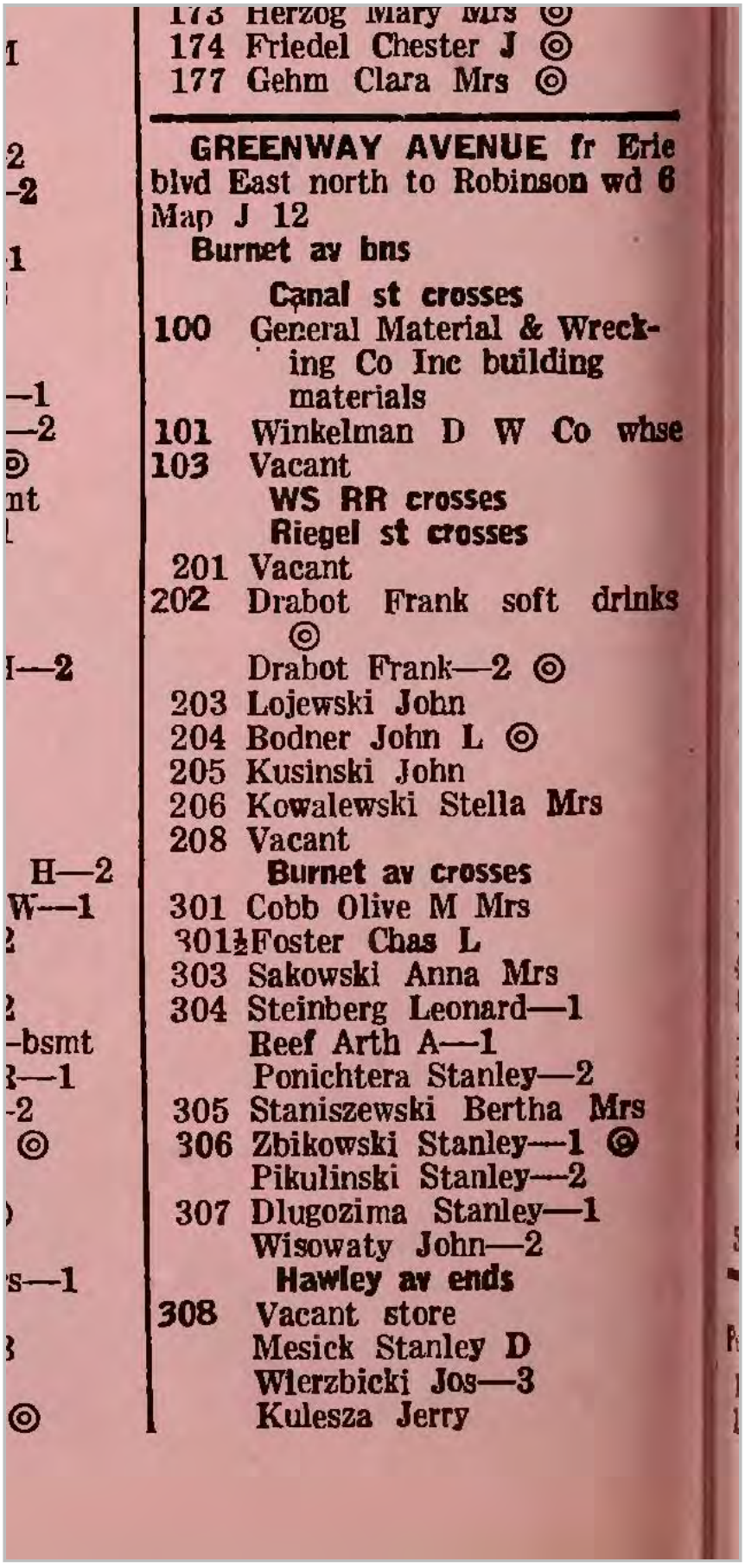
Vann st crosses

401 Pendell Mary N Mrs—1
Kozak Pauline Mrs—2 ◎
403 Chmielewski Chester ◎
405 Barbato Carmen ◎
406 Starkman Alida M Mrs ◎

GREENWOOD PLACE fr Thornden pk southeast to 601 Clarendon wd 17 Map L 12 Zone 10

Target Street	Cross Street	Source
✓	-	Polk's City Directory

GREENWAY AVE 1944



173 Herzog Mary Mrs ◎
174 Friedel Chester J ◎
177 Gehm Clara Mrs ◎

GREENWAY AVENUE fr Erie blvd East north to Robinson wd 6
Map J 12

Burnet av bns

Canal st crosses

100 General Material & Wrecking Co Inc building materials
101 Winkelman D W Co whse
103 Vacant

WS RR crosses

Riegel st crosses

201 Vacant
202 Drabot Frank soft drinks ◎
Drabot Frank—2 ◎
203 Lojewski John
204 Bodner John L ◎
205 Kusinski John
206 Kowalewski Stella Mrs
208 Vacant

Burnet av crosses

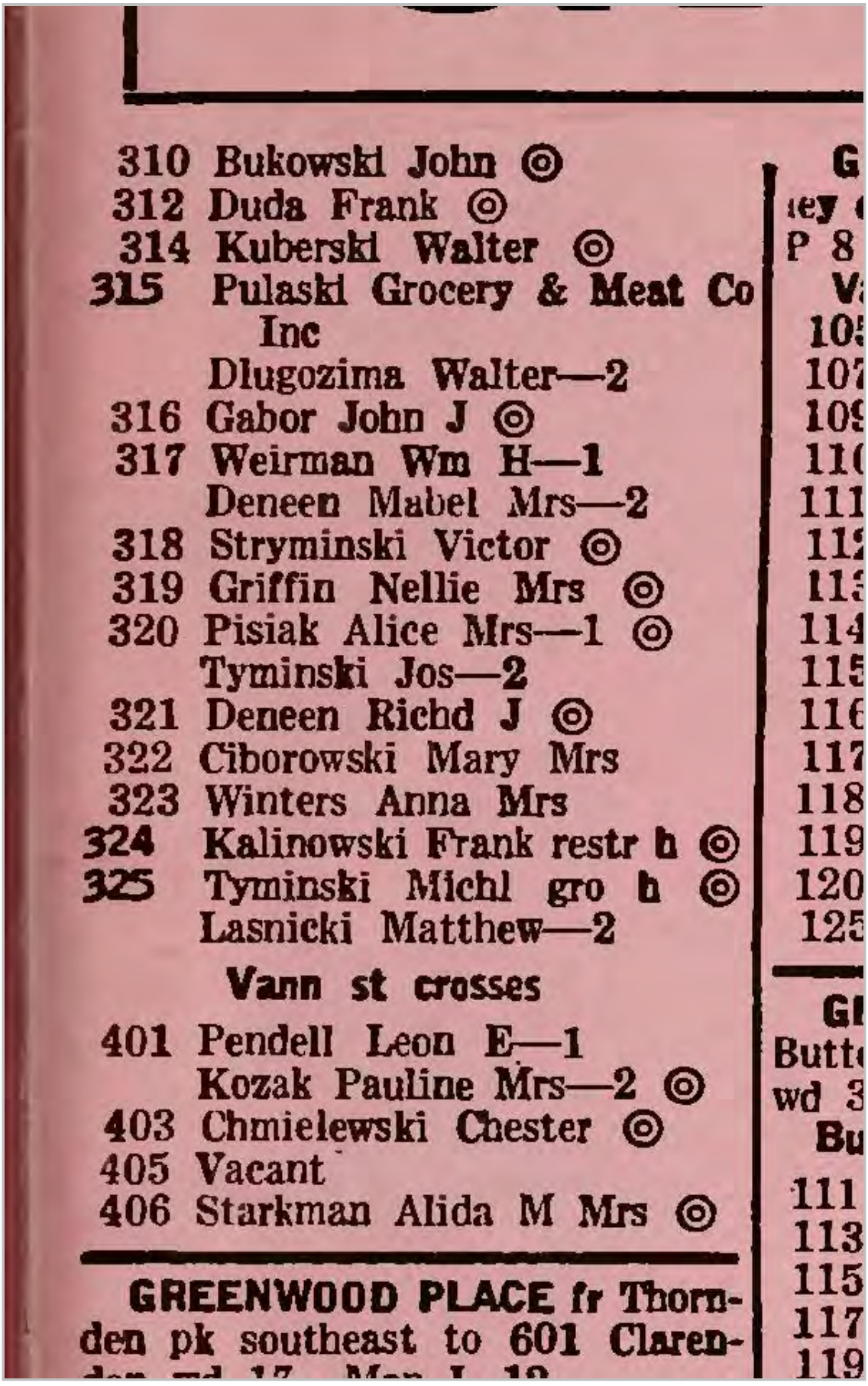
301 Cobb Olive M Mrs
301½ Foster Chas L
303 Sakowski Anna Mrs
304 Steinberg Leonard—1
Reef Arth A—1
Ponichtera Stanley—2
305 Staniszewski Bertha Mrs
306 Zbikowski Stanley—1 ◎
Pikulinski Stanley—2
307 Dlugozima Stanley—1
Wisowaty John—2

Hawley av ends

308 Vacant store
Mesick Stanley D
Wierzbicki Jos—3
Kulesza Jerry

Target Street	Cross Street	Source
✓	-	Polk's City Directory

GREENWAY AVE 1944



310 Bukowski John ◎
312 Duda Frank ◎
314 Kuberski Walter ◎
315 Pulaski Grocery & Meat Co Inc
Dlugozima Walter—2
316 Gabor John J ◎
317 Weirman Wm H—1
Deneen Mabel Mrs—2
318 Stryminski Victor ◎
319 Griffin Nellie Mrs ◎
320 Pisiak Alice Mrs—1 ◎
Tyminski Jos—2
321 Deneen Richd J ◎
322 Ciborowski Mary Mrs
323 Winters Anna Mrs
324 Kalinowski Frank restr h ◎
325 Tyminski Michl gro h ◎
Lasnicki Matthew—2

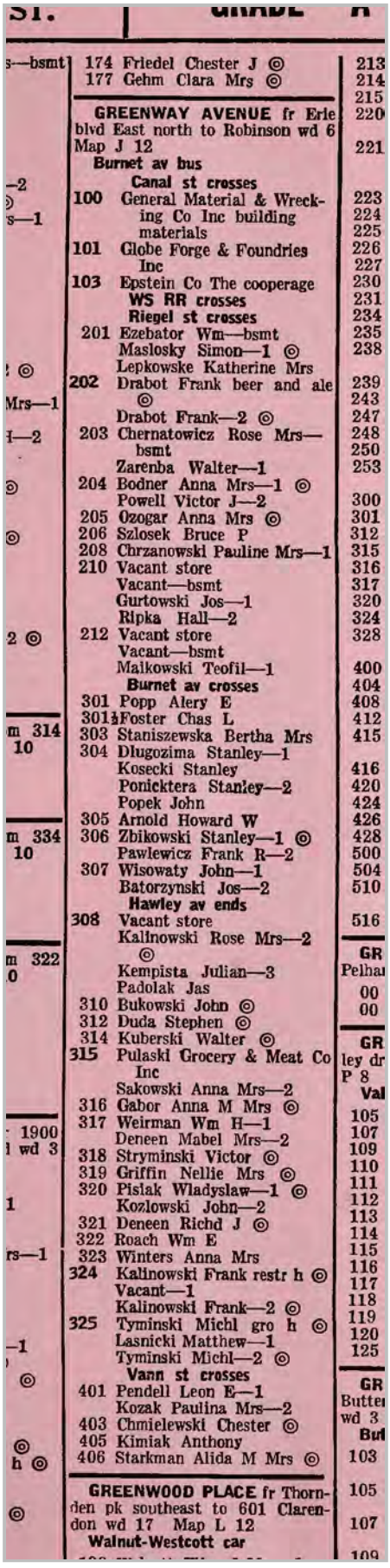
Vann st crosses

401 Pendell Leon E—1
Kozak Pauline Mrs—2 ◎
403 Chmielewski Chester ◎
405 Vacant
406 Starkman Alida M Mrs ◎

GREENWOOD PLACE fr Thornden pk southeast to 601 Clarend-

Target Street	Cross Street	Source
✓	-	Polk's City Directory

GREENWAY AVE 1939



ST. | GRADE

s—bsmt
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s—1
Mrs—1
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m 334
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m 322
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rs—1
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174 Friedel Chester J
177 Gehm Clara Mrs

GREENWAY AVENUE fr Erie blvd East north to Robinson wd 6 Map J 12
Burnet av bus
Canal st crosses
100 General Material & Wrecking Co Inc building materials
101 Globe Forge & Foundries Inc
103 Epstein Co The cooperage
WS RR crosses
Riegel st crosses
201 Ezebator Wm—bsmt
Maslosky Simon—1
Lepkowske Katherine Mrs
202 Drabot Frank beer and ale
Drabot Frank—2
203 Chernatowicz Rose Mrs—bsmt
Zarenba Walter—1
204 Bodner Anna Mrs—1
Powell Victor J—2
205 Ozogar Anna Mrs
206 Szlosek Bruce P
208 Chrzanowski Pauline Mrs—1
210 Vacant store
Vacant—bsmt
Gurtowski Jos—1
Ripka Hall—2
212 Vacant store
Vacant—bsmt
Maikowski Teofil—1
Burnet av crosses
301 Popp Alery E
301½ Foster Chas L
303 Staniszewska Bertha Mrs
304 Dlugozima Stanley—1
Kosecki Stanley
Ponicktera Stanley—2
Popek John
305 Arnold Howard W
306 Zbikowski Stanley—1
Pawlewicz Frank R—2
307 Wisowaty John—1
Batorzynski Jos—2
Hawley av ends
308 Vacant store
Kalinowski Rose Mrs—2
Kempista Julian—3
Padolak Jas
310 Bukowski John
312 Duda Stephen
314 Kuberski Walter
315 Pulaski Grocery & Meat Co Inc
Sakowski Anna Mrs—2
316 Gabor Anna M Mrs
317 Weirman Wm H—1
Deneen Mabel Mrs—2
318 Stryminski Victor
319 Griffin Nellie Mrs
320 Pislak Wladyslaw—1
Kozlowski John—2
321 Deneen Richd J
322 Roach Wm E
323 Winters Anna Mrs
324 Kalinowski Frank restr h
Vacant—1
Kalinowski Frank—2
325 Tyminski Michl gro h
Lasnicki Matthew—1
Tyminski Michl—2
Vann st crosses
401 Pendell Leon E—1
Kozak Paulina Mrs—2
403 Chmielewski Chester
405 Kimiak Anthony
406 Starkman Alida M Mrs

GREENWOOD PLACE fr Thornden pk southeast to 601 Clarendon wd 17 Map L 12
Walnut-Westcott car

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Appendix F AGENCY RECORDS

DEPARTMENT OF LAW

OFFICE OF THE CORPORATION COUNSEL

CITY OF SYRACUSE, MAYOR BEN WALSH

Kristen E. Smith
Corporation Counsel

Joseph W. Barry III
First Assistant Corporation Counsel

Christina F. DeJoseph
Senior Assistant Corporation Counsel

Lee R. Terry
Senior Assistant Corporation Counsel

Catherine E. Carnrike
Meghan E. Ryan
Amanda R. Harrington
John C. Black Jr.
Kathryn M. Ryan
Ramona L. Rabeler
Todd M. Long
Sarah A. Bartels
Sophie West
Sarah M. Knickerbocker
Danielle B. Pires
Finney Raju
Patrick R. Blood
Amelia McLean-Robertson
Patrick J. Parkinson

10/05/2020

Stantec
61 Commercial Street Suite 100
Rochester, NY 14614

RE: Freedom of Information Law (FOIL) Reference #2020-01255
Fire department violations for the listed properties. building permits, assessment information for the listed properties (See list for specifics).

Dear Ms. Nelson,

Your Freedom of Information Law (FOIL) request dated 09/28/2020 was received by the City of Syracuse on 09/29/2020. The request is being reviewed. Access to the records, in whole or part, will be determined in accordance with Article 6 of the New York Public Officers Law.

I anticipate that our review will be completed on or about 11/17/2020. **This is a delayed date due to an unusually high volume of requests received by our office, including a large number of extremely large, complex requests. Please know that we will make every effort to complete your request in a reasonable time frame, however we appreciate your patience as we diligently work to provide accurate and thorough responses to all of the requests we have received. Do not hesitate to reach out to FOIL@syrgov.net with any questions.**

Pursuant to FOIL, a fee of $.25 per page for photocopies not exceeding 9'x14' will be charged upon completion of the request, with the exception of electronic copies provided via e-mail. All other fees will be based on the material requested.

Thank you in advance for your cooperation. If you have any questions, or require further information, please do not hesitate to contact me.

Sincerely,

David M. William

David M. William
Records Access Officer

Department of Law
Office of Corp. Counsel
233 E. Washington St.
City Hall, Room 300
Syracuse, N.Y. 13202

Office 315 448-8400
Fax 315 448-8381
Email law@syrgov.net

www.syrgov.net

Service of papers or process by facsimile or other electronic method is not acceptable.

From:	ONGOV - FOIL
To:	Nelson, Katherine
Subject:	FOIL Case #20-F-338 Environmental Health Records - 14 Properties in City of Syracuse
Date:	Friday, October 16, 2020 10:50:08 AM
Attachments:	image001.jpg image004.wmz image005.png

COUNTY OF ONONDAGA

Office of the County Executive

John H. Mulroy Civic Center, 14th Floor
421 Montgomery Street, Syracuse, New York 13202
J. RYAN McMAHON, II - COUNTY EXECUTIVE
BRIAN J. DONNELLY - DEPUTY COUNTY EXECUTIVE

To: **Katie Nelson - Stantec**

Please be advised that in response to your request under the Freedom of Information Law (FOIL), a diligent search of the County's records revealed no documents which are responsive thereto.

Very truly yours,

Susan Stanczyk

Susan Stanczyk, *Chief of Staff & FOIL Records Access Officer*
By: Nancy Moran, *Assistant FOIL RAO*
John H. Mulroy Civic Center, 10th Floor
421 Montgomery Street, Syracuse, New York 13202
T: 315.435.2170 ● F: 315.435.5729

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Ben Walsh, Mayor

Kristen E. Smith, Corporation Counsel

City of Syracuse Freedom of Information Law Application

Return completed application to:
Office of the Corporation Counsel
233 E. WASHINGTON ST. • 300 CITY HALL • SYRACUSE, N.Y. 13202
(315) 448-8400 (Main) • (315) 448-8381 (Fax) • E-mail: FOIL@syrgov.net

There is a 25¢ per page copying fee • ***No charge for documents sent via email****
Payment instruction provided upon completion of request, please do not send cash with this application

9/28/2020	61 Commercial Street, Suite 100
Today's Date	*Mailing Address*
Katie Nelson	Rochester NY 14614
Name	*City State Zip*
Stantec	585-705-5751
Firm or Organization (if applicable)	*Telephone*
Katherine Nelson	katie.nelson@stantec.com
Signature	***E-mail****

For Police or Fire Reports:

• *911 calls are not maintained by the City of Syracuse; please refer to the Onondaga County 9-1-1 Center* •
• *Video footage is generally maintained by the City of Syracuse for 14 days after the incident date* •

Fire Derpartment Records, including violations, for the attached 14 properties (see Table 1)	
Police or Fire Report	*Incident Address*
Report #	*Date of Incident*
Name of Person 1 Involved	*Date of Birth*
Name of Person 2 Involved	*Date of Birth*

For Code Enforcement, Zoning, or any other department:

See attached table 1	
Address of Interest (if applicable)	*Date Range for Documents*

building permits, spill or tank listings, and assessor information for the 14 properties on the attached table.

Describe Requested Record(s) in Detail (example requests: code violations, permits, licenses, zone check, CO, CA, contracts, etc.)

From: NoReplyFoil@ongov.net on behalf of Onondaga County Foil Request
To: Nelson, Katherine
Subject: Foil Request - Receipt
Date: Monday, September 28, 2020 2:05:30 PM

Thank you for your recent request. The Information we received was:

Please select the department you would like to contact.: Health Department

I hereby apply to inspect the following specific record: (Please limit to 1500 characters):
Records of waste disposal sites within one mile of the Site, records of the presence, installation, or removal of storage tanks, Department of Health records and special environmental permits and violation records for the following properties in Syracuse:
1357 Salina Street (072.-04-17.1)
1400-20 Salina Street (085.-13-14.0)
322-26 Delaware (092.-09-27.0)
1917-1919 South Ave (078.-15-33.0)
917 Montgomery and Burt St (094.-07-05.0)
205 1/2 Geddes St N (109.-04-32.0)
3801-07 S Salina St (072.-04-17.1)
500 Hawley Ave (030.-03-01.0)
102 Greenway Ave (032.1-01-25.0)
101-13 Greenway Ave (032.1-01-26.0)
541 Seymour St (097.-04-07.0)
1208-18 Salina St (094.-21-07.0)
177-29 Fabius St and Granger St (101.-19-03.0)
900 South Ave and Cresent Ave (086.-16-06.0)

Enter a subject for your request: 14 Properties in Syracuse

Your Name: Katie Nelson

Daytime Phone: (585) 705-5751

Organization/Company Name: Stantec

Your Email Address: katie.nelson@stantec.com

Confirm Your Email Address: katie.nelson@stantec.com

Your Address:
61 Commercial Street Suite 100
ROCHESTER, New York 14624
United States

Preferred Format: Electronic format, if available.

I have read and agree to the Disclaimer to submit a FOIL:
- Agree

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION

REMEDIAL INVESTIGATION REPORT
for the
PETER WINKELMAN CO.
Inactive Hazardous Waste Disposal Site



Site No. 7-34-047
City of Syracuse,
Onondaga County, NY

January 2000

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SECTION 1: SCOPE OF THE PROJECT

In May of 1999, the New York State Department of Environmental Remediation (DER) finalized a Work Plan for the Remedial Investigation of the Peter Winkelman site. The Remedial Investigation (RI) was planned in response to the identified presence of PCBs in the soil and groundwater which resulted in the placement of the site in the New York State Registry of Inactive Hazardous Waste Sites, as a class 2. A class 2 site is defined as a site which posses a significant threat to human health or the environment. The purpose of the RI is to characterize the nature and extent of the contamination present at the site. The following is the Remedial Investigation Report.

SECTION 2: BACKGROUND

2.1 Site Description

The Peter Winkelman Co. is located in a mixed commercial and industrial area of Syracuse, New York. The Peter Winkelman property comprises 4.9 acres located at 101-113 & 102 Greenway Avenue of which 0.05 acres are listed as a class 2 site. The property is situated approximately 600' north of the intersection of Divine Street and Erie Boulevard East and is bordered to the north by Interstate Route 690, and to the east by the Former Syracuse Rigging site. The 0.05 acre site is a former transformer area which is situated in an alcove along the east side of a large building. Currently the building is abandoned and the surrounding area has been used as a dumping area for assorted debris (i.e.,. yard waste, old tires).

2.2 Site History

2.2.1 Operating History

Peter Winkelman Co., was a construction company that owned the site until 1991 when the site was conveyed to GSI of Virginia. While the site was owned by Peter Winkelman Co, Inc. various businesses occupied buildings not used by the construction company. Due to a power outage caused by a power surge, one or more of the three transformers on Peter Winkelman's property malfunctioned. Subsequently an unknown quantity of transformer oil leaked from the transformers.

2.2.2 Remedial History

In March of 1986 the transformer oil spill was discovered by the Syracuse Fire Department. Soil sample analysis showed PCB levels as high as 199 ppm. On one or more occasions in 1986, the Peter Winkelman Company was informed by the NYSDEC of the company's legal responsibility to remediate the transformer oil spill.

In July of 1987 the NYSDEC informed Winkelman that if the site was not cleaned up by August of the same year, it would be included on the registry of Inactive Hazardous Waste Sites, and litigation would be commenced.

In June of 1994 additional sampling was conducted at the site. PCB concentrations of up to 120 ppm were detected in the soil.

In April of 1997 it was observed that the oil from the three transformers had been emptied on to the ground as a result of someone scavenging the copper from the transformers. PCB levels of over 300 ppm were detected in residual oil sampled from all three transformers.

In June of 1997 the transformers were removed by a NYSDEC Spills contractor. Collection of free product from the excavation of the concrete transformer pad and removal of contaminated soil was carried out.

In June of 1997, in response to the presence of PCBs, the transformers were removed from the site and transported for disposal. The concrete pad was broken up and removed along with the contaminated soil. No soil was removed below four feet. The excavation remained open for six days. Booms and pads were placed in the excavation during this time to absorb as much of the PCB oil present as possible. Two slotted culvert pipes were placed vertically in the excavation and surrounded with stone. Ten mil poly was placed over the stone and bentonite around the culverts. Then two feet of crusher run was placed to bring the site up to grade. In August 1997 a mobile oil skimmer was installed in the culvert that exhibited the highest level of PCB contamination . The oil skimmer makes use of the differences in specific gravity and surface tension between oil and water. These physical characteristics allow the unit's continuous belt to attract floating oil in the well. After picking up the oil, the belt travels through tandem wiper blades which scrape the oil off both sides of the belt and discharge it to a 55 gallon drum.

SECTION 3: REMEDIAL INVESTIGATION

In order to determine the nature and extent of contamination remaining at the Peter Winkelman Site, after the completion of the IRM, the DER initiated a Focused Remedial Investigation (RI) at the site in May 1999. This section summarizes the methodology and findings of the investigations undertaken as part of the focused RI. More detail relative to the investigation is available in the work plan entitled "Remedial Investigation On-site Work Plan" dated May, 1999.

As part of this investigation, the following activities took place:

- Surface and subsurface soil samples were collected using a Geoprobe rig*. The samples were then analyzed for PCBs.
- Piezometers were installed to define groundwater flow direction and determine the extent of groundwater contamination.
- Groundwater samples were collected and analyzed to help determine the extent of groundwater contamination.

3.1 Geoprobe Investigation

Historical data indicated that the PCB contamination was due to spills/leaks from transformers and therefore limited to an area of approximately 0.05 acres, which is reflected in the listing of the site on the Registry of Inactive Hazardous Waste sites. For this reason eight sampling locations were chosen around the former concrete pad area, as shown in Figure 1.

As part of the geoprobe investigation 14 subsurface soil samples were collected and analyzed. A summary of the results is provided in Table 1.

Of the 14 soil samples collected from the site 4 samples registered positive for PCBs. The highest level detected was located to the northeast of the former transformer area, SB-4, at 11 parts per million (PPM) compared to the Standards, Criteria, and Guidance (SCG) level of 10 ppm for subsurface soil. The PCB level of 11 PPM at SB-4 is considered to be a localized occurrence and not representative of a second source area. This is based on the lab analysis results from SB-3 and SB-4, the two sample locations closest to SB-4, which were non-detect for PCBs. Also groundwater at SB-4 was found to be unimpacted by PCBs. The three other samples that contained PCBs were at levels under 0.3 PPM. The remaining 10 samples were nondetect at a detection level ranging from 0.038 PPM to 0.052 PPM depending upon the sample. The sampling locations are shown in Figure 1.

The geoprobe investigation showed that soil contamination is highly localized and present at low levels, at or below SCGs. This confirmed that during the IRM the soil that was most highly contaminated with PCBs was removed.

3.2 Piezometers

Piezometers were installed at the eight locations where soil samples were taken. The purpose

*A Geoprobe rig is a small push type drilling rig used for shallow soil sampling and piezometer installation.

of the piezometers was to define groundwater flow direction around the former transformer area and to obtain groundwater samples. Piezometer locations are shown in Figure 2. A discussion of subsurface geology and hydrogeology can be found in Section 4.2, Site Geology and Hydrogeology.

Piezometers were installed using a direct push rig. Soil types were classified and recorded by a geologist. The total depth of each piezometer ranged from 7.5 to 8 feet below ground surface. Piezometers were constructed of one inch ID Schedule 40 flush-threaded PVC well screen (0.010-inch machine slotted) and riser. The sand pack was constructed with No. 1 Morie sand. A bentonite seal was placed above the sand pack, followed by a cement/bentonite grout to be placed to within three feet of the ground surface. Each piezometer has a vented cap and steel flush mounted protective casing. A cement pad was constructed to divert surface water from each piezometer.

Piezometers were developed by pumping and bailing until temperature, pH, and conductivity stabilized. Turbidity was also monitored with a target value of 50 NTUs.

3.4 Groundwater Sampling

One groundwater sample was collected from each of the eight piezometers to determine the extent of groundwater contamination at the site. Of the eight piezometers sampled only P-1 and P-6 showed signs of contamination. Located approximately eight feet to the south of the former transformer area P-1 exhibited elevated levels (70 PPB) of PCBs. P-2, which is located approximately 10 feet south of P-1, did not exhibit any PCB contamination. P-6 located approximately six feet to the southwest of the former transformer area only exhibited slightly elevated levels (0.89 PPB) of PCBs. The results of the analysis for all monitoring wells are presented in Table 2. The location of the piezometers are shown in Figure 2.

SECTION 4: GEOLOGIC AND HYDROGEOLOGIC SETTING

4.1 Regional Geology

The site is located near the border of two physiographic provinces within New York state: the Ontario Lowlands to the north and the northern margin of the Appalachian Uplands to the south (NYSMSS, 1973). The Ontario Lowlands slope down toward the north and represent the southern extension of the Lake Ontario drainage basin while the northern margin of the Appalachian Uplands includes the Finger Lake troughs. The geology of this area can be described in terms of bedrock and overburden deposits.

Bedrock in the Central New York area is dominated by nearly flat-lying Silurian and Devonian age sedimentary rocks which have a variable but gentle dip toward the south of roughly 100 feet per mile. The Onondaga Lake Valley in particular is underlain by the relatively soft Vernon

Formation, a gray, green, and red shale. The Vernon Formation is overlain by the Syracuse Formation, which consists of shales, dolostones, gypsum, and rock salt, and the Camillus Formation consisting primarily of soft, green dolomitic shales and thin gypsiferous shales. Bedrock near the site has been mapped as the Camillus Formation by Rickard and Fisher (1970).

The preglacial bedrock surface near the site was extensively modified by overriding Pleistocene glaciers. Deepening of the preglacial Onondaga Valley by glacial ice, in the same manner as the formation of the Finger Lake Valleys, produced a bedrock basin extending below sea level (Stewart, 1935). Glacial sculpting of the area has produced a pronounced north-northwest to south-southeast orientation of hills and valleys. This orientation is, in part, a result of erosion of the underlying bedrock by the ice and deposition of till into streamlined elliptical hills. These hills are known as drumlins and are composed predominantly of till. Till is typically a compact, unsorted, poorly stratified mixture of sands, silt, clay, gravel, and boulders deposited directly by glacial ice. Till generally overlies bedrock in this area as a thin veneer 10 to 15 feet thick. In some locations, commonly in drumlins, it is much thicker and in other areas within valleys and on the uplands, the till is absent.

During glacial retreat in the Onondaga Valley, preglacial drainage to the north was blocked by the ice front, producing a proglacial lake in which large volumes of glaciolacustrine sediments were deposited. Drainage in adjacent north-south trending valleys, both east and west of the Onondaga valley, were also blocked, producing a series of lakes standing against the ice. As the level of these lakes rose, they utilized the lowest available drainage pathway which at times was to the south, over relatively high spillways, or to the east or west over inter-valley divides. The large volumes of melt-water spilling from one basin to another cut numerous, deep east-west trending channels into the valley divides (Fairchild, 1909). With progressive decay of the ice sheet, lower spillways opened resulting in drainage of the proglacial lakes and the eventual establishment of the modern-day system of lakes and surface drainage.

During the time that the proglacial lakes existed, they accumulated large volumes of sediment washed out from the ice and from the channels crossing valley divides. These sediments consist primarily of fine sand and silt; however, gravel, coarse to medium sand, and clay are also present at some locations. Surficial soil deposits near the site have been mapped as lacustrine silt and clay (Muller and Cadwell, 1986) likely deposited as a result of the proglacial lakes.

4.2 Regional Hydrogeology

Surface Water

The site is situated within the Onondaga Lake drainage basin, which covers an area of approximately 233 square miles. The Onondaga Lake basin is included within the larger Eastern Oswego River basin (2,500 square miles). Surface water drains north from the Onondaga Lake Basin to the Seneca River, then to the Oswego River, and ultimately to Lake Ontario. The surface

water regime in the area of investigation is potentially influenced by Onondaga lake and its tributaries. The nearest tributary of interest consists of Onondaga Creek, flowing northward into the lake through the Onondaga Valley.

Onondaga Creek, which flows from south to north through the Onondaga Valley and the City of Syracuse, drains a watershed of approximately 102.5 square miles and has an average annual flow rate of 193.6 cfs before it discharges to the south end of Onondaga Lake at the Barge Canal terminal area. The creek has been relocated from its former discharge point which was located at the southeast corner of Onondaga Lake.

Ground Water

The geology of the Onondaga Valley greatly impacts the movement of groundwater in the valley and its tributaries. Man has altered the pre-development ground-water flow patterns and water quality by construction projects, disposal of wastes, and ground-water pumping.

Ground-water flow in Onondaga Valley and its tributaries is largely driven by topography. Water moves off the inter-valley divides and into the surface water and ground-water systems within each tributary valley. From here, it moves down-valley towards the lake. The type of flow patterns, flow velocities, and the proportion of groundwater versus surface water in each tributary valley are dependent on the local geologic conditions within that valley.

The site does not appear to directly overlie confined or unconfined unconsolidated aquifers mapped by Miller (1987); however, the site appears to be located within approximately 1 mile of a confined aquifer reported by Miller (1987). The confined aquifer within approximately 1 mile of the site likely consists of a buried sand and gravel aquifer, probably associated with glacial meltwater drainage deposits (glaciofluvial), that is overlain by relatively impermeable till deposits. Furthermore, the site does not appear to be located near any Primary or Principal water supply aquifers as classified by the New York State Department of Environmental Conservation (1987).

4.3 Site Geology

Geologic units encountered in the limited Geoprobe™ borings consist of a mix of fill material overlying and bog deposits of organic rich silt, peat, and marl. Fill material encountered in the study area is generally 4 to 6 feet thick comprised of silty gravel, fly ash and coal, white paste material, foundry sands, and crushed stone. One to three feet of organic rich silt was encountered immediately beneath the fill, underlain with peat and marl (a mix of freshwater lime mud and shells) at approximately 7 to 8 feet below grade. No samples were collected beyond 8 feet below grade due to hole cave-in within the peat and marl. Due to the high carbon content of the peat layer it is expected to limit any downward migration of contaminants.

4.4 Site Hydrogeology

Groundwater occurs under perched conditions as discontinuous lenses within the more permeable fill material, and under unconfined conditions within the peat and marl unit. Saturated sections of the fill material generally consisted of fly ash and silty gravel, often containing oily material. During development and sampling of the well points, recharge was observed to be slow, largely dependent on the composition of the fill at a specific location.

Well points were not surveyed, therefore the surface of the water table could not be accurately defined, however measurements indicate the water table to be relatively flat. It is expected that groundwater moves vertically through the fill material into the peat and marl unit, where it then flows under the effects of regional drainage patterns.

SECTION 5: EXPOSURE PATHWAY ANALYSIS

5.1 Applicable Standards, Criteria, and Guidance (SCGs)

In order to identify potential exposure pathways, applicable SCG's must be identified. 6 NYCRR Part 375-1.10(c)(1)(I) requires that remedial actions comply with SCG's "unless good cause exists why conformity should be dispensed with." Standards and Criteria are cleanup standards, standards of control, and other substantive environmental protection requirements, criteria, or limitations promulgated under federal or state law that specifically address a hazardous substance, pollutant, contaminant, remedial action, location, or other circumstance. Guidance includes non-promulgated criteria and guidelines that are not legal requirements; however, the site's remedial program should be designed with consideration given to guidance that, based on professional judgement, is determined to be applicable to the site.

SCG's are categorized as chemical specific, location specific, or action specific. These categories are defined as the following:

Chemical Specific: These are health or risk based numerical values or methodologies which, when applied to site specific conditions, result in the establishment of numerical values for the chemicals of interest. These values establish the acceptable amount or concentration of a chemical that may be found in or discharged to the environment.

Location Specific: These are restrictions placed on the concentrations of hazardous substances or the conduct of activities solely because they occur in a specific location.

Action Specific: These are usually technology or activity based requirements or limitations on actions taken with respect to hazardous waste management and site cleanup.

The following SCG's have been found to be applicable to the Peter Winkelman site:

Soil - NYSDEC Division of Hazardous Waste Remediation Technical and Administrative Guidance Memorandum (TAGM) 4046, Determination of Soil Cleanup and Cleanup Levels
- 6 NYCRR Part 371, Identification and listing of Hazardous Wastes
- NYSDEC Division of Hazardous Substances Regulation TAGM 3028, "Contained in Criteria for Environmental Media." (11/92)

Waste - 6 NYCRR Part 371, Listing of Hazardous Waste
- NYSDEC Division of Hazardous Substances Regulation TAGM 3028, "Contained in Criteria for Environmental Media" (11/92)

Groundwater - 6 NYCRR Part 700-705, Water Quality Regulations for Surface Water and Groundwater
- NYSDEC Division of Water TOGS 1.1.1

The analytical data summary tables present SCGs for the contaminants analyzed for in each media (i.e. soil, sediments, water, etc.)

5.2 Contaminants of Concern

By comparing data collected from the Peter Winkelman Site to SCGs, the RI established that contaminants of concern for subsurface soils are PCBs (Aroclor-1260). The development of site specific remedial objectives or "cleanup-goals" for impacted media (soil, sediment, groundwater) will be conducted as part of the Feasibility Study. Remedial objectives will take into consideration SCGs and involves consultation with the NYSDOH to insure the remedial objectives are protective of Public Health. The NYSDOH considers such factors as the toxicological properties of the contaminants of concern. Existing or potential exposure pathways, and; the present or projected site use. The NYSDEC's Division of Fish and Wildlife is also consulted to insure the remedial objectives are protective of the environment; specifically existing wildlife, their habitats, and other natural resources.

To aid in this evaluation, the following section will examine existing and potential exposures to human health and the environment.

5.3 Human Health Evaluation

5.3.1 Pathway Analysis

An exposure pathway is the route by which an individual comes in contact with a contaminant. The five elements of an exposure pathway are 1) a source of contamination; 2) the environmental medium and transport mechanisms; 3) the point of exposure; 4) the route of exposure; and 5) the receptor population. In order for an individual to be affected by contamination at the Peter Winkelman Site, for example, a pathway must be complete. Pathways

may be direct or indirect. Direct exposure pathways include dermal contact with, inhalation or ingestion of the contaminant. Ingestion of contaminated drinking water is an example of a complete direct exposure pathway. An example of an indirect exposure pathway is human consumption of fish which have been contaminated by eating smaller creatures living in contaminated sediments. The following sections address several potential exposure pathways at the Peter Winkelman Site.

5.3.2 Groundwater Exposure Pathway

Groundwater samples indicate localized groundwater contamination at the site. Groundwater elevation indicate a flow direction to the south. There are no known existing wells within four miles of the site boundaries.

5.3.3 Surface Soil Exposure Pathway

Surface soils on the Peter Winkelman site do not exhibit PCB contamination. The surface soil that was contaminated by the PCB oil was removed during the IRM. There is little to no chance of human exposure to PCB contaminated soil since it is located approximately four feet below ground surface. Also, short term exposures to levels of contaminants at the site would not be expected to present a significant level of risk.

5.3.4 Air Exposure Pathway

While the gaseous and particulate mobility potential for PCBs is medium to high, air exposure is not expected to be a completed pathway since the contamination is located approximately four feet below ground surface, and is limited to a small area.

5.3.5 Conclusions

Potential human exposure pathways at the Peter Winkelman site were assessed. There are no groundwater or on-site receptors. There are no sensitive environments within four miles of the site. The source area of PCB contaminated oil, and most heavily impacted soil, was removed during the IRM. Exposure pathways do not appear to be complete as possible receptor populations are not expected to come in contact with contaminated media or concentrations of contaminants which would pose a health risk.

5.4 Habitat Based Assessment

A habitat based assessment is performed during a RI when it is determined that an impact to wildlife may exist as a result of contamination from the site. Field observations were made in conjunction with environmental sampling towards determining if such an assessment was necessary

for this RI.

The potential impacts or routes of exposure to wildlife that were considered include but are not limited to the following:

- ♦ Uptake of contaminants by plant life on or near the site.
- ♦ Consumption of contaminated plants by animals in the area.
- ♦ Direct contact with contaminants at the surface by animal life on or near the site.
- ♦ Impacts to surface water via groundwater discharge.

Field observations at the site did not find any waste material at the surface. Stressed vegetation on or off site was not found to exist. Analytical results combined with hydrogeologic observations indicate that any migration of contaminants is to the south. Groundwater discharge does not likely occur in the vicinity of the site based on these observations. After consideration of the above mentioned potential impacts with the conditions defined for the site, it was determined that impacts to wildlife as a result of contamination from the site was not occurring. Therefore the habitat based assessment was not carried any further.

SECTION 6: FINDINGS OF THE REMEDIAL INVESTIGATION

6.1 Nature and Extent of Contamination

The RI identified limited PCB contamination in groundwater and subsurface soil. The highest levels detected in subsurface soil was 11 ppm, at SB-4. All other detected levels were well below the 10 PPM SCG. Piezometer-1 and piezometer-6 exhibited PCB contamination at 70 ppb and 0.89 ppb respectively. However, groundwater contamination appears to be localized and is not impacting offsite groundwater.

6.2 Recommendations and Conclusions

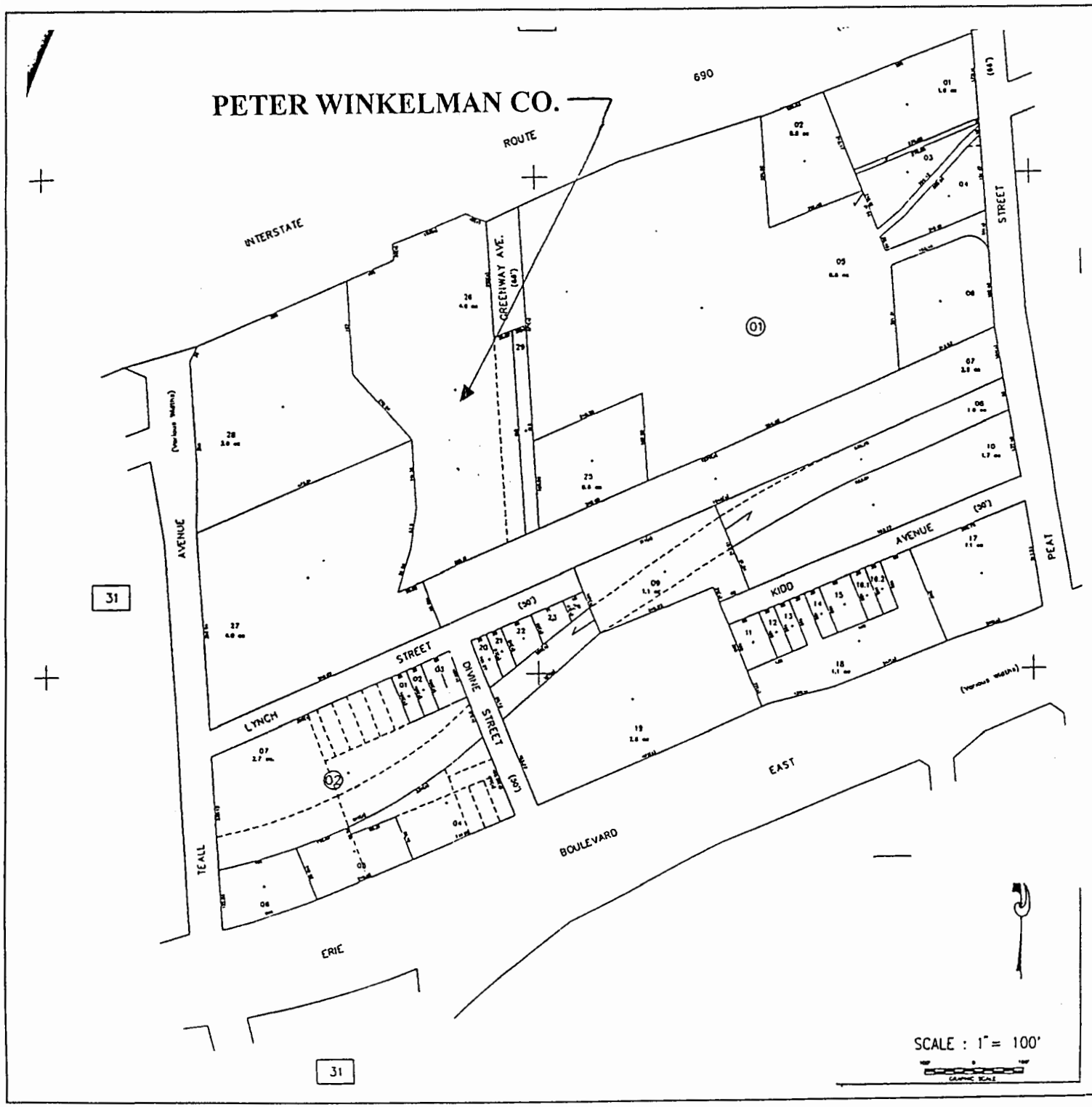
6.2.1 Recommendations

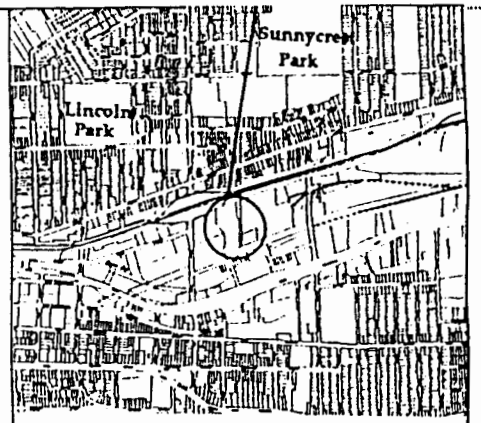
It is recommended that the oil skimmer continue to be operated to address the low level residual PCB contamination in the groundwater. There do not appear to be any offsite impacts from the presence of PCBs in the soil or groundwater. Periodic groundwater monitoring should be continued to make sure migration of PCB contaminated groundwater has not occurred. Soil contamination is at or below SCGs so no further action is recommended.

6.2.2 Conclusions

The data obtained in the RI indicate that the IRM removed the most heavily contaminated soil

when the source of the PCB contamination was removed. The current state of the site presents little or no risk to the environment or human health, therefore continued operation of the oil skimmer is recommended with no further action. It should also be noted that an application for a brownfield investigation of the remaining 4.85 acres of the Peter Winkelman property has been received by the NYSDEC and is currently being held pending resolution of the class 2 status of the site.





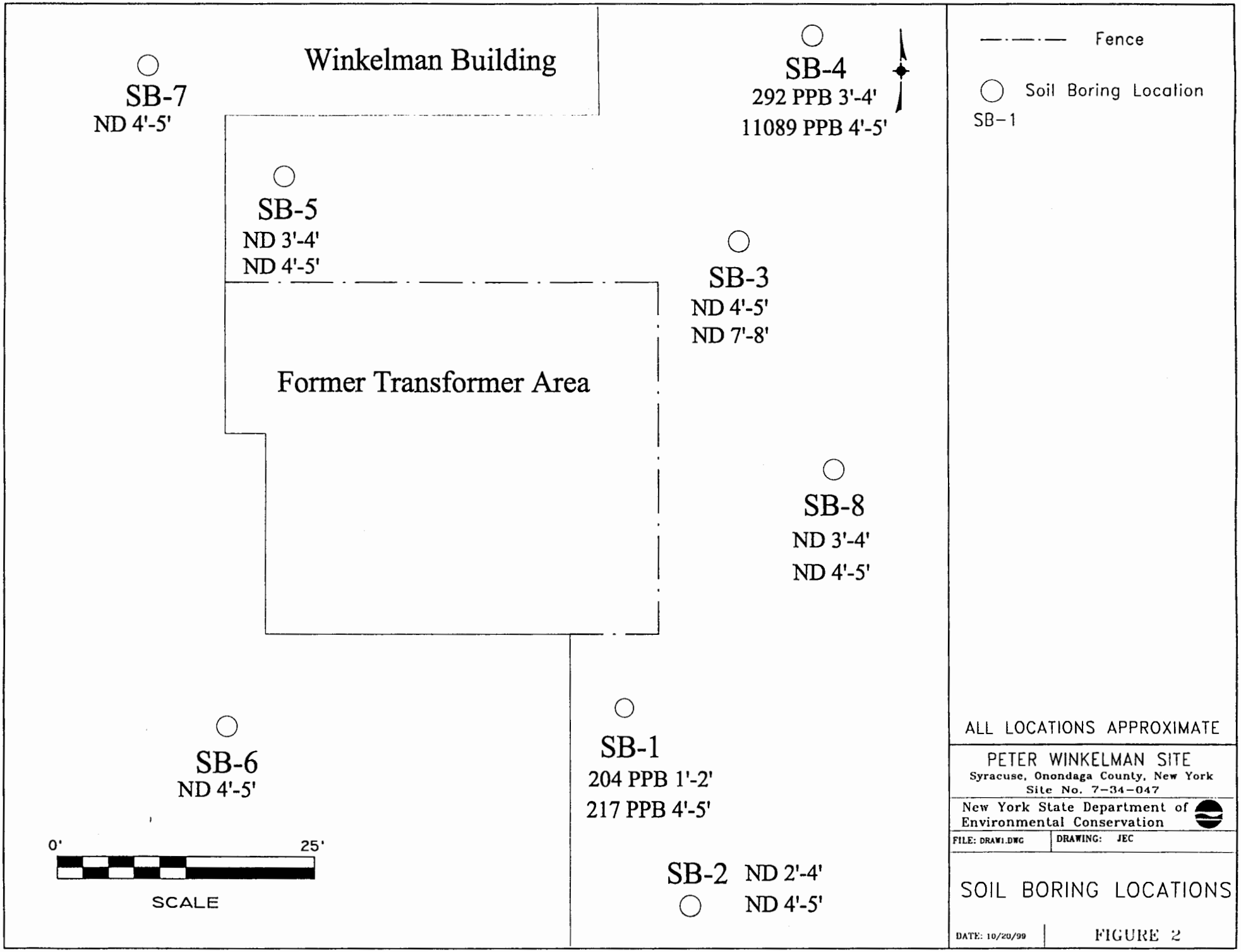
PETER WINKELMAN SITE
Syracuse, Onondaga County, New York
Site No. 7-34-047

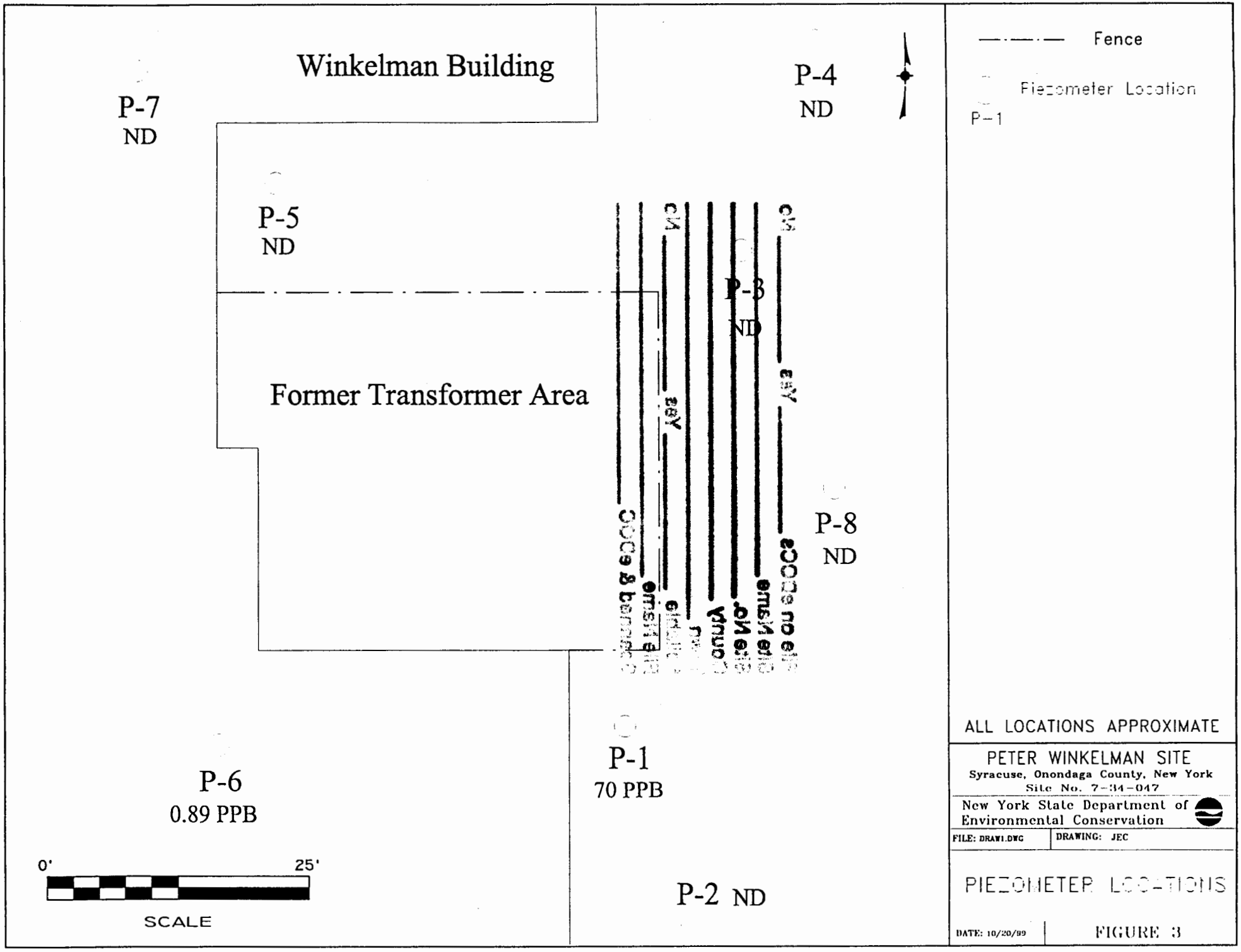
New York State Department of Environmental Conservation

FILE: DRAW1.DWG	DRAWING: JEC

SITE MAP

DATE: 10/20/99	FIGURE 1


Winkelman Building
SB-7
ND 4'-5'
SB-4
292 PPB 3'-4'
11089 PPB 4'-5'
SB-5
ND 3'-4'
ND 4'-5'
SB-3
ND 4'-5'
ND 7'-8'
Former Transformer Area
SB-8
ND 3'-4'
ND 4'-5'
SB-6
ND 4'-5'
SB-1
204 PPB 1'-2'
217 PPB 4'-5'
SB-2 ND 2'-4'
ND 4'-5'
0'
25'
SCALE
Fence
Soil Boring Location
SB-1
ALL LOCATIONS APPROXIMATE
PETER WINKELMAN SITE
Syracuse, Onondaga County, New York
Site No. 7-34-047
New York State Department of Environmental Conservation
FILE: DRAW1.DWG
DRAWING: JEC
SOIL BORING LOCATIONS
DATE: 10/20/99
FIGURE 2


Winkelman Building
P-7
ND
P-4
ND
P-5
ND
P-3
ND
Former Transformer Area
P-8
ND
P-1
70 PPB
P-6
0.89 PPB
P-2 ND
0'
25'
SCALE
Fence
Piezometer Location
P-1
ALL LOCATIONS APPROXIMATE
PETER WINKELMAN SITE
Syracuse, Onondaga County, New York
Site No. 7-34-047
New York State Department of Environmental Conservation
FILE: DRAW1.DWG
DRAWING: JEC
PIEZOMETER LOCATIONS
DATE: 10/20/99
FIGURE 3

Department of Environmental Conservation

Division of Environmental Remediation

Record of Decision

Peter Winkelman Co Site
Syracuse, Onondaga County
Site Number 7-34-047

March 2000

New York State Department of Environmental Conservation
GEORGE E. PATAKI, *Governor* JOHN P. CAHILL, *Commissioner*

DECLARATION STATEMENT - RECORD OF DECISION

Peter Winkelman Co. Inactive Hazardous Waste Site
Syracuse, Onondaga County, New York
Site No. 7-34-047

Statement of Purpose and Basis

The Record of Decision (ROD) presents the selected remedy for the Peter Winkelman Co. class 2 inactive hazardous waste disposal site which was chosen in accordance with the New York State Environmental Conservation Law. The remedial program selected is not inconsistent with the National Oil and Hazardous Substances Pollution Contingency Plan of March 8, 1990 (40CFR300).

This decision is based on the Administrative Record of the New York State Department of Environmental Conservation (NYSDEC) for the Peter Winkelman Co. inactive hazardous waste site and upon public input to the Proposed Remedial Action Plan (PRAP) presented by the NYSDEC. A listing of the documents included as a part of the Administrative Record is included in Appendix B of the ROD.

Assessment of the Site

Actual or threatened release of hazardous waste constituents from this site have been addressed by implementing the interim remedial measures identified in this ROD, therefore the site no longer represents a current or potential significant threat to public health and the environment.

Description of Selected Remedy

Based on the results of the Remedial Investigation/Feasibility Study (RI/FS) for the Peter Winkelman Co. and the criteria identified for evaluation of alternatives, the NYSDEC has selected no further remedial action. The components of the remedy are as follows:

- **Continued operation of the oil skimmer**
- **Periodic groundwater sampling**

New York State Department of Health Acceptance

The New York State Department of Health concurs with the remedy selected for this site as being protective of human health.

Declaration

The selected remedy is protective of human health and the environment, complies with State and Federal requirements that are legally applicable or relevant and appropriate to the remedial action to the extent practicable, and is cost effective. This remedy utilizes permanent solutions and alternative treatment or resource recovery technologies, to the maximum extent practicable, and satisfies the preference for remedies that reduce toxicity, mobility, or volume as a principal element.

3/17/00

Date

Michael J. O'Toole, Jr., Director
Division of Environmental Remediation

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RECORD OF DECISION

PETER WINKELMAN CO.

Syracuse (C), Onondaga County, New York
Site No. 7-34-047
March 2000

SECTION 1: SUMMARY OF THE RECORD OF DECISION

The New York State Department of Environmental Conservation (NYSDEC) in consultation with the New York State Department of Health has selected this remedy for the Peter Winkelman Co site, a class 2 inactive hazardous waste disposal site. As more fully described in Sections 3 and 4 of this document, leaking power transformers and spilling of transformer oil resulted in the disposal of PCBs at the site. These disposal activities resulted in the following significant threats to the public health and/or the environment:

- A significant threat to human health associated with exposure to soil contaminated with transformer oil containing Aroclor-1260 (PCB).

During the course of the investigation certain actions, known as Interim Remedial Measures (IRMs), were undertaken at the Peter Winkelman site in response to the threats identified above. An IRM is conducted at a site when a source of contamination or exposure pathway can be effectively addressed before completion of the RI/FS. The IRM undertaken at this site included removal of power transformers, removal of contaminated soil, and installation of an oil skimmer to treat the groundwater impacted by the spill.

Based on the success of the above IRMs, the findings of the investigation of this site indicate that the site no longer poses a threat to human health or the environment, therefore No Further Remedial Action was selected as the remedy for this site. In addition, the Department also would reclassify the site to a Class 4 site on the New York State Registry of Inactive Hazardous Waste Disposal Sites, which means the site has been remediated and only continued operation, maintenance and monitoring of the remedy is required.

SECTION 2: SITE LOCATION AND DESCRIPTION

The Peter Winkelman Co. is located in a mixed commercial and industrial area of Syracuse, New York. The Peter Winkelman property comprises 4.9 acres located at 101-113 & 102 Greenway Avenue of which 0.05 acres are listed as a class 2 site. The property is situated approximately 600'

north of the intersection of Divine Street and Erie Boulevard East and is bordered to the north by Interstate Route 690, and to the east by the Former Syracuse Rigging site. The 0.05 acre site is a former transformer area which is situated in an alcove along the east side of a large building. Currently the building is abandoned and the surrounding area has been used as a dumping area for assorted debris (i.e.,. yard waste, old tires). See figure 1.

SECTION 3: SITE HISTORY

3.1: Operational/Disposal History

The Peter Winkelman Co., was a construction company that owned the site until 1991 when the site was conveyed to GSI of Virginia. While the site was owned by Peter Winkelman Co, various businesses occupied buildings not used by the construction company. Due to a power outage caused by a power surge, one or more of the three transformers on Peter Winkelman's property malfunctioned. Subsequently an unknown quantity of transformer oil leaked from the transformers.

3.2: Remedial History

In March of 1986 the transformer oil spill was discovered by the Syracuse Fire Department. Soil sample analysis showed PCB levels as high as 199 ppm. On one or more occasions in 1986, the Peter Winkelman Company was informed by the NYSDEC of the company's legal responsibility to remediate the transformer oil spill.

In July of 1987 the NYSDEC informed Winkelman that if the site was not cleaned up by August of the same year, it would be included on the registry of Inactive Hazardous Waste Sites, and litigation would be commenced.

In June of 1994 additional sampling was conducted at the site. PCB concentrations of up to 120 ppm were detected in the soil.

In April of 1997 it was observed that the oil from the three transformers had been emptied on to the ground as a result of someone scavenging the copper from the transformers. PCB levels of over 300 ppm were detected in residual oil sampled from all three transformers.

In June of 1997 the transformers were removed by a NYSDEC Spills contractor. Collection of free product from the excavation of the concrete transformer pad and removal of contaminated soil was carried out.

In August 1997 an oil skimmer was installed to collect residual transformer oil from the groundwater.

SECTION 4: SITE CONTAMINATION

To evaluate the contamination present at the site and to evaluate alternatives to address the significant threat to human health and the environment posed by the presence of hazardous waste, the NYSDEC has recently conducted a Remedial Investigation (RI).

4.1: Summary of the Remedial Investigation

The purpose of the RI was to define the nature and extent of any contamination resulting from previous activities at the site.

The RI was conducted in one phase, between May 1999 and July 1999. A report entitled Remedial Investigation Report for the Peter Winkelman Co. Inactive Hazardous Waste Site dated January 2000 has been prepared which describes the field activities and findings of the RI in detail.

The RI included the following activities:

- Surface and subsurface soil samples were collected using a Geoprobe rig. The samples were then analyzed for PCBs.
- Piezometers were installed to define groundwater flow direction and determine the extent of groundwater contamination.
- Groundwater samples were collected and analyzed to help determine the extent of groundwater contamination.

To determine which media (soil, groundwater, etc.) are contaminated at levels of concern, the RI analytical data was compared to environmental Standards, Criteria, and Guidance values (SCGs). Groundwater, drinking water and surface water SCGs identified for the Peter Winkelman Co. site are based on NYSDEC Ambient Water Quality Standards and Guidance Values and Part V of New York State Sanitary Code. For soils, NYSDEC Technical and Administrative Guidance Memorandum (TAGM) 4046 provides soil cleanup guidelines for the protection of groundwater, background conditions, and health-based exposure scenarios. In addition, for soils, site specific background concentration levels can be considered for certain classes of contaminants.

Based on the RI results, in comparison to the SCGs and potential public health and environmental exposure routes, certain media and areas of the site require remediation. These are summarized below. More complete information can be found in the RI Report.

Chemical concentrations are reported in parts per billion (ppb) or parts per million (ppm). For comparison purposes, where applicable, SCGs are provided for each medium.

4.1.1: Site Geology and Hydrogeology

Geologic units encountered in the limited Geoprobe™ borings consist of a mix of fill material overlying bog deposits of organic rich silt, peat, and marl. Fill material encountered in the study area is generally 4 to 6 feet thick comprised of silty gravel, fly ash and coal, white paste material, foundry sands, and crushed stone. One to three feet of organic rich silt was encountered immediately beneath the fill, underlain with peat and marl (a mix of freshwater lime mud and shells) at approximately 7 to 8 feet below grade. No samples were collected beyond 8 feet below grade due to hole cave-in within the peat and marl.

Groundwater occurs under perched conditions as discontinuous lenses within the more permeable fill material, and under unconfined conditions within the peat and marl unit. Saturated sections of the fill material generally consisted of fly ash and silty gravel, often containing oily material. During development and sampling of the well points, recharge was observed to be slow, largely dependent on the composition of the fill at a specific location.

Well points were not surveyed, therefore the surface of the water table could not be accurately defined, however measurements indicate the water table to be relatively flat. Groundwater moves vertically through the fill material into the peat and marl unit, where it then flows under the effects of regional drainage patterns. Groundwater on the adjacent parcel to the east of the site was found to flow to the southwest.

4.1.2: Nature of Contamination

The RI identified limited PCB contamination in groundwater and subsurface soil. The highest levels detected in subsurface soil was 11 ppm, at SB-4. Piezometer-1 and piezometer-6 exhibited PCB contamination at 70 ppb and 0.89 ppb respectively. However, groundwater contamination appears to be localized and is not impacting offsite groundwater.

As described in the RI report, eight soil and groundwater samples were collected at the site to characterize the nature and extent of contamination. The main categories of contaminants which exceed their SCGs are polychlorinated biphenyls (PCBs)

4.1.3: Extent of Contamination

Table 1 summarizes the extent of contamination for the contaminants of concern in soil and groundwater and compares the data with the SCGs for the site. The following are the media which were investigated and a summary of the findings of the investigation.

Soil

Historical data indicated that the PCB contamination was due to spills/leaks from transformers and therefore is limited to an area of approximately 0.05 acres, which is listed on the Registry of Inactive

Hazardous Waste sites. For this reason eight sampling locations were chosen around the former concrete pad area, as shown in Figure 2.

As part of the geoprobe investigation 14 subsurface soil samples were collected and analyzed. A summary of the results is provided in Table 1.

Of the 14 soil samples collected from the site 4 samples registered positive for PCBs. The highest level detected was located to the northeast of the former transformer area, SB-4, at 11 parts per million (ppm) compared to the Standards, Criteria, and Guidance (SCG) level of 10 ppm for subsurface soil. The PCB level of 11 ppm at SB-4 is considered to be a localized occurrence and not representative of a second source area, nor a significant exceedence of the SCG. This is based on the lab analysis results from SB-3 and SB-8, the two sample locations closest to SB-4, which were non-detect for PCBs. Also groundwater at SB-4 was found to be unimpacted by PCBs. The three other soil samples that contained PCBs were at levels under 0.3 ppm. The remaining 10 samples were nondetect at a detection level ranging from 0.038 ppm to 0.052 ppm depending upon the sample. The sampling locations are shown in Figure 2.

The geoprobe investigation showed that soil contamination is highly localized and of relatively low levels. During the IRM the soil that was most highly contaminated with PCBs was removed and an oil skimmer was installed to remove residual oil floating on the groundwater.

Groundwater

One groundwater sample was collected from each of the eight piezometers to determine the extent of groundwater contamination at the site. Of the eight piezometers sampled only P-1 and P-6 showed signs of contamination. These results represent residual levels of floating PCB oil from the transformers and are not indicative of PCBs in solution. Located approximately eight feet to the south of the former transformer area P-1 exhibited elevated levels (70 ppb) of PCBs. P-2, which is located approximately 10 feet south of P-1, did not exhibit any PCB contamination. P-6 located approximately six feet to the southwest of the former transformer area only exhibited slightly elevated levels (0.89 ppb) of PCBs. The results of the analysis for all monitoring wells are presented in Table 2. The location of the piezometers are shown in Figure 3.

4.2: Interim Remedial Measures

An Interim Remedial Measure (IRM) is conducted at a site when a source of contamination or exposure pathway can be effectively addressed before completion of the RI/FS.

In June of 1997 the transformers were removed from the site and transported for disposal. The concrete pad was broken up and removed with the contaminated soil. No soil was removed below four feet. The excavation remained open for six days. Booms and pads were placed in the excavation during this time to absorb as much oil as possible. Two slotted culvert pipes were placed vertically in the excavation and surrounded with #1 stone. Ten mil poly was placed over the stone and bentonite around the culverts. Then two feet of crusher run was placed to bring the site up to

grade. In August 1997 a mobile oil skimmer was installed at the culvert that exhibited the highest level of PCB contamination. The oil skimmer makes use of the differences in specific gravity and surface tension between oil and water. These physical characteristics allow the unit's continuous belt to attract floating oil in the well. After picking up the oil , the belt travels through tandem wiper blades which scrape the oil off both sides of the belt and discharge it to a 55 gallon drum. Less than a drum of residual has been collected to date. The IRM will be reviewed periodically and modified, if appropriate, to increase the effectiveness of the removal.

4.3: Summary of Human Exposure Pathways

This section describes the types of human exposures that may present added health risks to persons at or around the site. A more detailed discussion of the health risks can be found in Section 5.3 of the RI report.

An exposure pathway is the manner by which an individual may come in contact with a contaminant. The five elements of an exposure pathway are 1) the source of contamination; 2) the environmental media and transport mechanisms; 3) the point of exposure; 4) the route of exposure; and 5) the receptor population. These elements of an exposure pathway may be based on past, present, or future events.

Based upon the IRM completed, no pathways are known to remain at the site.

4.4: Summary of Environmental Exposure Pathways

This section summarizes the types of environmental exposures and ecological risks which may be presented by the site. No pathways for environmental exposure and/or ecological risks have been identified associated with the contamination at the site.

SECTION 5: ENFORCEMENT STATUS

Potentially Responsible Parties (PRPs) are those who may be legally liable for contamination at a site. This may include past or present owners and operators, waste generators, and haulers.

The Potential Responsible Parties (PRP) for the site, documented to date, include: The Peter Winkelman Co.

The PRPs declined to implement the IRM and RI/FS at the site when requested by the NYSDEC. After the remedy is selected, the PRPs will again be contacted to assume responsibility for the remedial program and all response costs the State has incurred.

SECTION 6: SUMMARY OF THE SELECTED REMEDY

The selected remedy for any site should, at a minimum, eliminate or mitigate all significant threats to the public health or the environment presented by the hazardous waste present at the site. The

State believes that the remediation now in place, which is described in Section 4.2 Interim Remedial Measures, would accomplish this objective provided that it continues to be operated and maintained in a manner consistent with the design.

Based on the results of the investigations and the IRMs that have been performed at the site, the NYSDEC is selecting No Further Remedial Action, with continued operation of the IRM and periodic groundwater monitoring, as the preferred remedial alternative for the site. The Department will also reclassify the site from a Class 2 to a Class 4 on the New York State Registry of Inactive Hazardous Waste Disposal Sites, which means the site is properly closed but requires continued operation, maintenance and monitoring of the IRM. The IRM will continue to be operated until PCB levels in groundwater are below SCGs for two consecutive sampling events.

SECTION 7: HIGHLIGHTS OF COMMUNITY PARTICIPATION

As part of the remedial investigation process, a number of Citizen Participation activities were undertaken in an effort to inform and educate the public about conditions at the site and the potential remedial alternatives. The following public participation activities were conducted for the site:

- A repository for documents pertaining to the site was established.
- A site mailing list was established which included nearby property owners, local political officials, local media and other interested parties.
- A fact sheet announcing the findings of the remedial investigation and the availability of the proposed remedial action plan was sent to the mailing list.
- A public meeting to discuss the proposed remedial action plan was held on February 23, 2000.
- In March 2000 a Responsiveness Summary was prepared and made available to the public, to address the comments received during the public comment period for the PRAP.

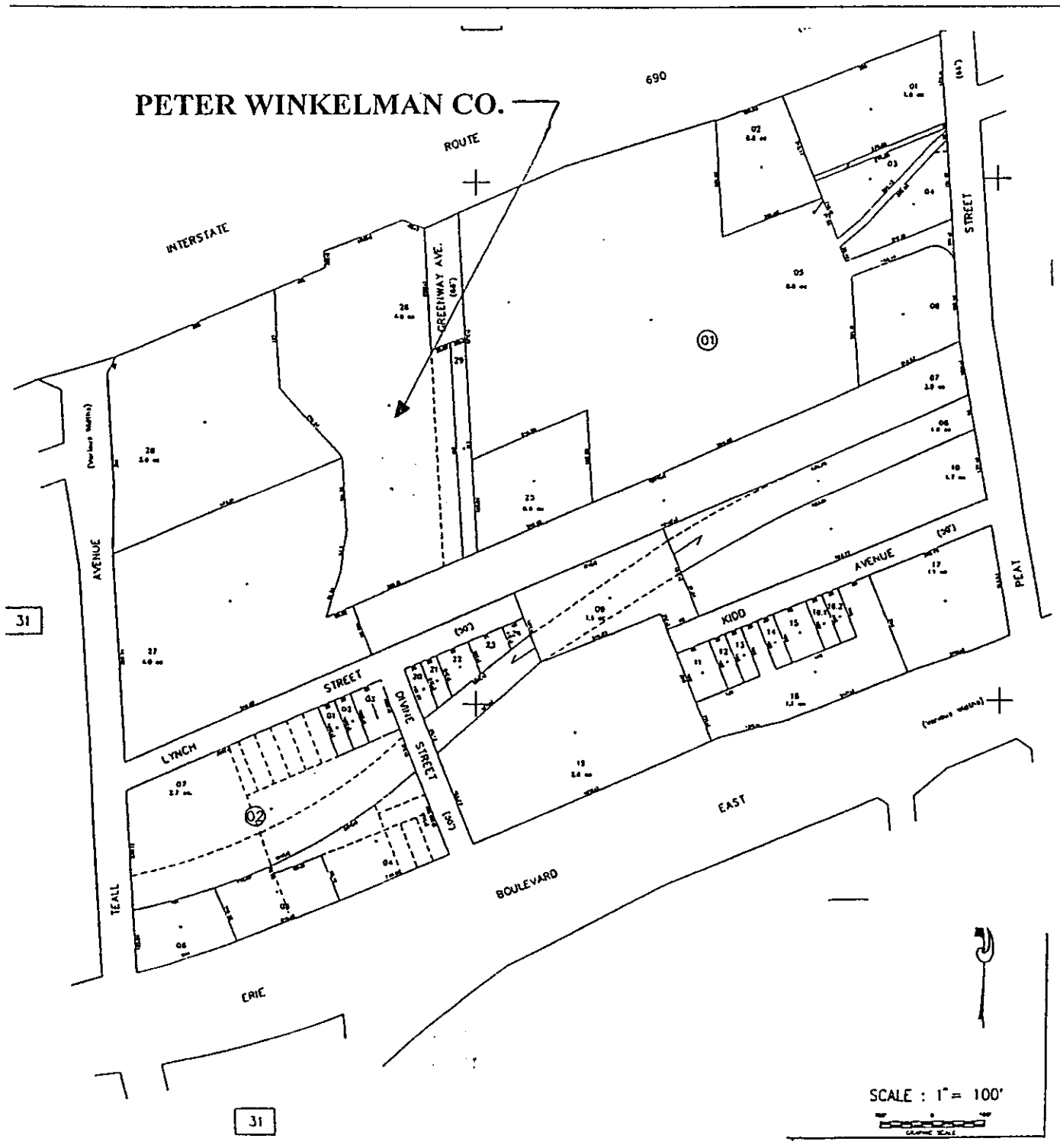
TABLE 1 SOIL ANALYTICAL RESULTS		
Sample Location	**Sample Depth**	**Concentration of Aroclor-1260**
SB-1	1'-2'	204 PPB
SB-1	4'-5'	217 PPB
SB-2	2'-4'	ND
SB-2	4'-5'	ND
SB-3	4'-5'	ND
SB-3	7'-8'	ND
SB-4	3'-4'	292 PPB
SB-4	4'-5'	11089 PPB
SB-5	3'-4'	ND
SB-5	4'-5'	ND
SB-6	4'-5'	ND
SB-7	4'-5'	ND
SB-8	3'-4'	ND
SB-8	4'-5'	ND

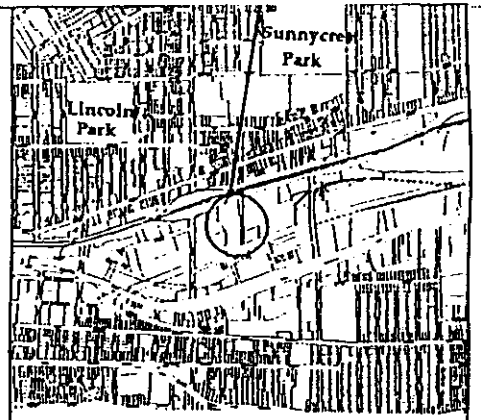
NOTE: SCGs for PCBs in soil are 1 ppm (1000 ppb) for surface soil and 10 ppm(10000 ppb) for subsurface soil.

TABLE 2 GROUNDWATER ANALYTICAL RESULTS								
	P-1	P-2	P-3	P-4	P-5	P-6	P-7	P-8
Aroclor -1260	70 PPB	ND	ND	ND	ND	0.89 PPB	ND	ND

NOTE: SCGs for PCBs in groundwater are 0.09 ppb.

FIGURES



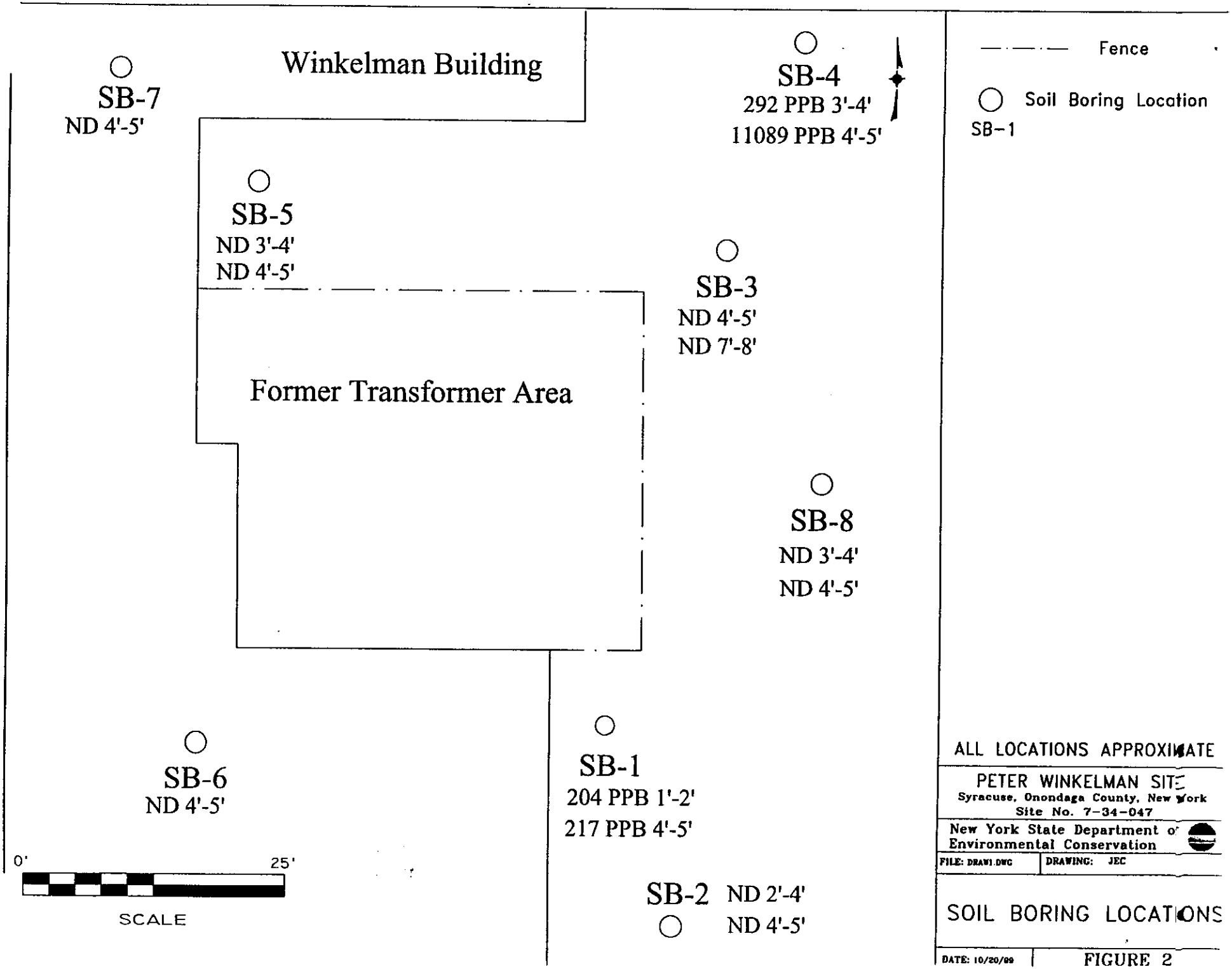


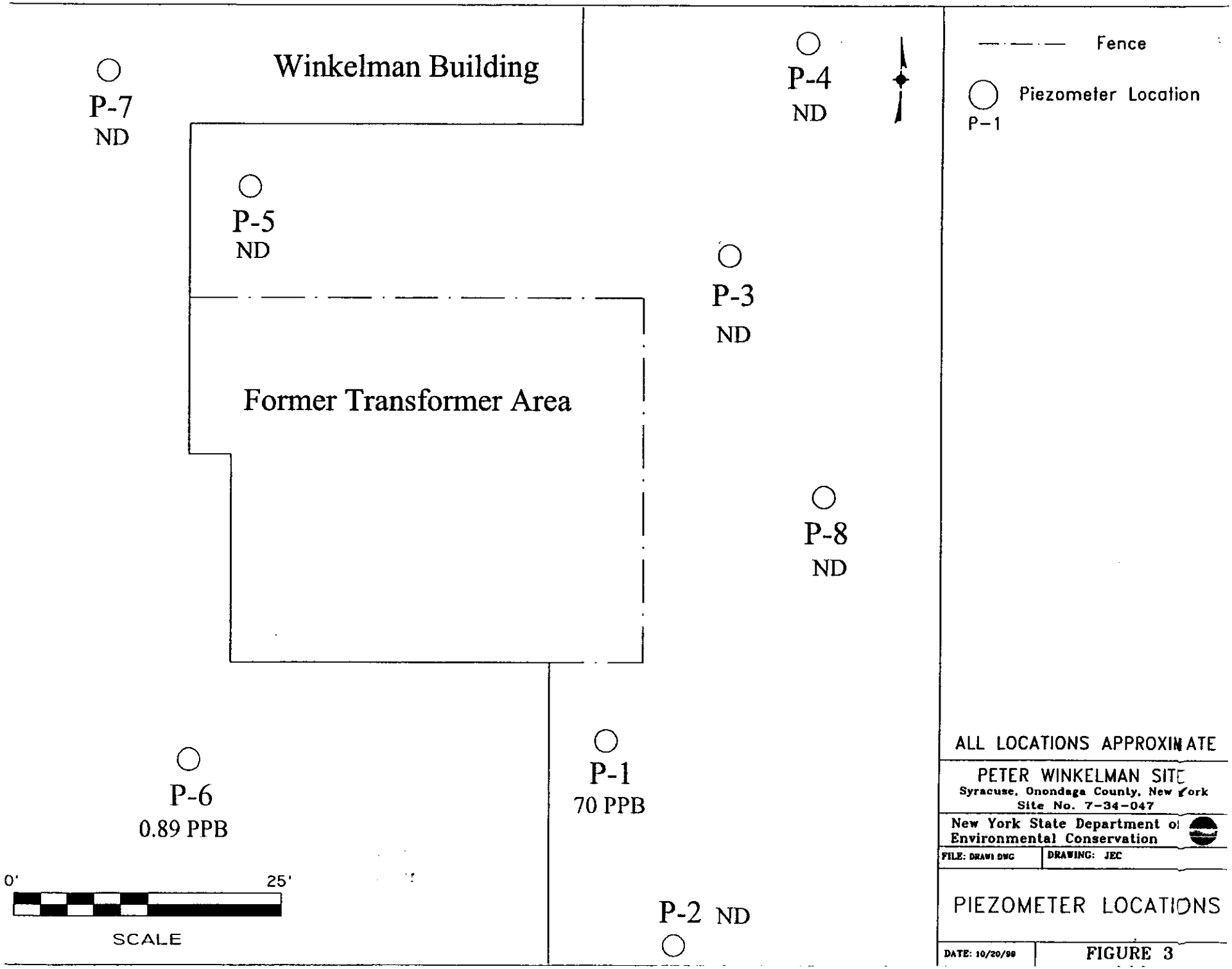
PETER WINKELMAN SITE
Syracuse, Onondaga County, New York
Site No. 7-34-047
New York State Department of Environmental Conservation

FILE: DRAWI.DWG | DRAWING: JEC

SITE MAP

DATE: 10/20/99 | FIGURE 1


Winkelman Building
SB-7
ND 4'-5'
SB-4
292 PPB 3'-4'
11089 PPB 4'-5'
SB-5
ND 3'-4'
ND 4'-5'
SB-3
ND 4'-5'
ND 7'-8'
Former Transformer Area
SB-8
ND 3'-4'
ND 4'-5'
SB-6
ND 4'-5'
SB-1
204 PPB 1'-2'
217 PPB 4'-5'
SB-2 ND 2'-4'
ND 4'-5'
0'
25'
SCALE
Fence
Soil Boring Location
SB-1
ALL LOCATIONS APPROXIMATE
PETER WINKELMAN SITE
Syracuse, Onondaga County, New York
Site No. 7-34-047
New York State Department of Environmental Conservation
FILE: DRAW1.DWG
DRAWING: JEC
SOIL BORING LOCATIONS
DATE: 10/20/99
FIGURE 2


Winkelman Building
P-7
ND
P-4
ND
P-5
ND
P-3
ND
Former Transformer Area
P-8
ND
P-6
0.89 PPB
P-1
70 PPB
P-2 ND
0'
25'
SCALE
Fence
Piezometer Location
P-1
ALL LOCATIONS APPROXIMATE
PETER WINKELMAN SITE
Syracuse, Onondaga County, New York
Site No. 7-34-047
New York State Department of Environmental Conservation
FILE: DRAWI.DWG
DRAWING: JEC
PIEZOMETER LOCATIONS
DATE: 10/20/99
FIGURE 3

APPENDIX A

Responsiveness Summary

RESPONSIVENESS SUMMARY

Peter Winkelman Co.
Proposed Remedial Action Plan
Syracuse, Onondaga County
Site No. 7-34-047

The Proposed Remedial Action Plan (PRAP) for the Peter Winkelman Co, was prepared by the New York State Department of Environmental Conservation (NYSDEC) and issued to the local document repository on February 14, 2000. This Plan outlined the preferred remedial measure proposed for the remediation of the contaminated soil and sediment at the Peter Winkelman Co. The preferred remedy is No Further Remedial Action.

The release of the PRAP was announced via a notice to the mailing list, informing the public of the PRAP's availability.

A public meeting was held on February 23, 2000 which included a presentation of the Remedial Investigation (RI) as well as a discussion of the proposed remedy. The meeting provided an opportunity for citizens to discuss their concerns, ask questions and comment on the proposed remedy. These comments have become part of the Administrative Record for this site.
The public comment period for the PRAP ended on March 15, 2000

This Responsiveness Summary responds to all questions and comments raised at the February 23, 2000 public meeting.

No comments were received at the public meeting or in writing.

APPENDIX B

Administrative Record

for the
Record of Decision

Peter Winkelman Co Site
Syracuse (C), Onondaga County
Site No. 7-34-047

The following documents constitute the Administrative Record for the Peter Winkelman Inactive Hazardous Waste Disposal Site record of decision.

Documents

Final Draft Preliminary Assessment Peter Winkelman Co. Inc. Syracuse, New York, NUS Corporation, January 30, 1990.

Remedial Investigation Report, Peter Winkelman Inactive Hazardous Waste Disposal Site, NYSDEC, January 2000.

Proposed Remedial Action Plan Report for the Peter Winkelman Inactive Hazardous Waste Disposal Site, NYSDEC, February 1997.

New York State Department of Environmental Conservation (NYSDEC) Phase I Investigation , NYSDEC, June 1994

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Site Characterization Report

Peter Winkelman Company, Inc.

Syracuse, New York

Site # 734047

Work Assignment # D007618-26

January 2015

New York State Department of
Environmental Conservation
Albany, New York

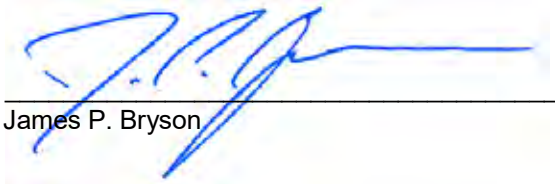
Peter Winkelman Company Inc.
Syracuse, New York
Site Characterization Report

Site # 734047

Work Assignment #D007618-26

January 2015

I, James P. Bryson, certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER approved work plan and any DER approved modifications.



James P. Bryson

Malcolm Pirnie, Inc.
855 Route 146, Suite 210
Clifton Park, New York 12065

ARCADIS

James P. Bryson
Principal Geologist

Amber Goodrich
Geologist I

Site Characterization Report

Peter Winkelman Company, Inc.
Syracuse, New York
Site # 734047

Work Assignment #D007618-26

Prepared for:
New York State Department of
Environmental Conservation
625 Broadway
Albany, New York 12233

Prepared by:
Malcolm Pirnie, Inc.
855 Route 146
Suite 210
Clifton Park
New York 12065
Tel 518 250 7300
Fax 518 250 7301

Our Ref.:
00266421.0000

Date:
January 14, 2015

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G Analytical Laboratory Reporting Forms

1. Introduction

On behalf of the New York State Department of Environmental Conservation (NYSDEC), Malcolm Pirnie, Inc, (Malcolm Pirnie) has prepared this Site Characterization (SC) Report to summarize investigation activities at the Peter Winkelman Company, Inc. site, in the City of Syracuse, Onondaga County, New York (site) (Figures 1 and 2). The SC was conducted under NYSDEC State Superfund Standby Contract Work Assignment No. D007618-26. The objective of the SC was to evaluate the nature and extent of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, pesticides, and polychlorinated biphenyls (PCBs) in the soil and groundwater at the site.

1.1 Site Location and Background

The Peter Winkelman Company Inc. site is located in the eastern portion of the City of Syracuse (City) (Figure 1) in an area zoned for industrial use, and currently consists of an abandoned 72,000 square foot industrial facility. The site formerly consisted of industrial businesses including the Globe Malleable Iron and Steel Company in 1910, a machine shop in 1951 through at least 1953, and a sheet metal and machine shop from 1964 through at least 1971. Until 1991, Peter Winkelman Company, Inc., a construction company, owned the site and other businesses existed at buildings on site not being used by the construction company.

Throughout this time period the site was bordered by various industrial and commercial businesses to the east and west. Properties to the east included a steel works and drop forge shop in 1910, the Finger Lakes Equipment Corporation (a contractor's repair and storage shop) a "Trimming, Pickling, and Cleaning" shop, machine shop, and an unknown property with oil tank storage from 1951 to at least 1953. From at least 1964 through 1971 the Finger Lakes Equipment Corporation property still existed east of the site and a motor shop was also to the east.

The area to the west of the site was a vacant lot (in the northern portion of the area) from 1910 through approximately 1990, and industrial and commercial businesses including an auto truck service station existing since at least 1951 (in the southern portion of the area adjacent to the site to the west). In approximately 1990, a U.S. Post Office facility was built on the formerly vacant property to the immediate west of the site. The ground surface over the majority of the site is unpaved with vegetated areas along the edges of the building and around the border of the site.

Piles of soil and debris are located at the edges of the site building, primarily on the east and west sides. The site is located within an industrial area and is relatively flat with no discernable slope except for the southern portion of the site which slopes down toward the south. The site is bordered to the north by Interstate Route 690, to the east by a City of Syracuse composting yard, and to the west by a United States Post Office and a mixed-use commercial and industrial building. Fire insurance maps obtained for the site area are included in Appendix A. There are no surface water bodies or wetland areas located within a one-half mile radius of the site (USFWS 2014).

Information from a site investigation performed in approximately 2004 for City Crossroads Park at 341 Peat Street, Syracuse (now the City of Syracuse composting yard east of the site) showed that 5 VOCs were found in groundwater at the eastern edge of the site at concentrations exceeding the Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 – Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. The compounds exceeding the TOGS values were chloroethane, 1,1-dichloroethane (1,1-DCA), cis-1,2-dichloroethene, trans-1,2-dichloroethene, and vinyl chloride. These VOCs were found in groundwater near where temporary wells TW-25 and TW-30 were completed during this investigation. No other information on the investigation was available.

1.2 Geology/Hydrogeology

The Syracuse Formation of the Upper Silurian consisting primarily of dolomite and shale is present beneath the site and the surrounding area according to state mapping (Fisher et al., 1986). During the SC, soil borings were advanced up to approximately 17 feet below ground surface (bgs) at the site without encountering bedrock. Natural overburden materials in the area are mapped as commonly calcareous laminated silts and clays that have low permeability and potential land instability (Cadwell et al.,1986). Overburden materials observed during the SC were layers of gravel, sand, peat, marl, silt, clay, and fill. Groundwater flow at the site is generally toward the east-southeast.

1.3 Previous Investigations

In 1998, remedial measures were taken to remove PCB contamination from groundwater within the operable unit (OU-1) area of the site using a skimmer. In 1999, a remedial investigation was conducted. This investigation involved the installation of piezometers (including P-1 and P-5) and the sampling of groundwater. Groundwater analytical results showed low-level localized PCB contamination. On March 31, 2000 a no further action Record of Decision (ROD) was signed (NYSDEC, 2013).

Concurrently, an Interim Remedial Measure (IRM) was initiated to clean up the site. The entire area was cleared of vegetation. Transformers, the fence, and a concrete pad were removed, and contaminated soil was removed to a depth of four feet bgs up to the boundary of the site building and backfilled with clean soil (NYSDEC, 2013). Two sumps (S-1 and S-2) constructed of galvanized corrugated metal pipe were also installed for recovery of PCB-impacted groundwater.

As part of another NYSDEC Standby Work Assignment for OU1, on April 4, 2013, an asbestos survey was completed at the site by Watts Architecture and Engineering. Fifty-four samples were collected from the site. The survey concluded that asbestos containing materials (ACM) were present in certain roof materials, window glazing, caulk, paint, pipe insulation, and within the debris and soil piles around the site (Watts Architecture and Engineering, 2013).

2. Site Investigation

The scope of work for the SC was designed to characterize the potential presence of contaminants associated with the former site operations, and the potential for off-site migration of contaminants. The scope of work was based on a Comprehensive Scope of Work submitted by Malcolm Pirnie to the NYSDEC in October 2013. The base scope of work included a geophysical survey, direct-push soil borings, soil sampling, soil and debris pile sampling, the installation of temporary monitoring wells, and groundwater sampling. Based on site conditions and/or preliminary indications of contamination, the following changes/additions to the scope were made:

1. The number of borings drilled was reduced from 51 to 50.

2. A second round of groundwater sampling was conducted near OU-1 to confirm initial results.

3. These changes were approved by the NYSDEC.

An analytical laboratory approved by the New York State Department of Health (NYSDOH) under the Environmental Laboratory Approval Program (ELAP) analyzed all samples collected during the investigation. Analytical results were reported in ASP Category B data packages. Data Usability Summary Reports (DUSRs) were prepared upon the receipt of all analytical data to ensure that the quality of the data was sufficient to evaluate remedial alternatives. Sample collection, handling activities, and QA/QC sampling were conducted in accordance with Malcolm Pirnie's Generic Quality Assurance

Project Plan (QAPP), which has previously been submitted to the NYSDEC for work conducted under the NYSDEC State Superfund Standby Contract No. D007618.

2.1 Geophysical Survey

Geophysical surveys were conducted in study areas using electromagnetic induction (EMI) and ground penetrating radar (GPR) methods to locate subsurface utilities and buried structures and underground storage tanks (USTs) in the proposed drilling areas. With the assistance of the City of Syracuse Sewer Department, a sewer line was located running through the eastern edge of the Site, and a water line was identified just to the west of this sewer line, both running north-south. Natural gas lines were located by National Grid running north-south, adjacent to the sewer and water lines and the site building gas service line was located running west from the north-south gas line, immediately south of OU-1. An electrical line was identified bordering the northern edge of the site generally running northeast-southwest. The locations of the identified underground utilities were marked on the ground and on the field base map.

2.2 Soil Sampling

Subsurface soil samples were collected from a total of 61 boring locations at the site to assess the possible presence of contaminants at the site. Samples of soil were also collected at 14 locations within soil and debris piles at the site to evaluate possible contaminant concentrations in the piles (Figure 3). Normal utility clearance activities, consisting of reviewing available site drawings, contacting Dig Safely New York, and conducting a geophysical site survey were conducted prior to beginning the subsurface investigation.

2.2.1 Soil and Debris Piles

A total of fourteen soil samples were collected from the soil and debris piles at the site. Samples SDP-1, 10, 12, and 14 were composited in the field from two locations (-1 and -2) which are shown on the figures. The soil and debris piles were screened with a Photoionization Detector (PID) and visually inspected for indications of contamination (e.g., staining and/or sheens) and buried debris. The observations and PID readings were recorded in the field notes by the on-site field geologist.

2.2.2 Soil Borings

Soil borings were drilled using direct-push drilling methods. Soil samples were collected continuously from the ground surface to the final depth of each boring using a macro-core sampler. Upon retrieval, each macro-core was opened and the soil was screened using a PID, visually inspected for indications of contamination (e.g., staining and/or sheens) and buried debris, and classified by the on-site field geologist. Soil boring logs are presented in Appendix B.

2.2.3 Soil Sample Collection

Fifty soil borings, in addition to eleven borings that were completed as temporary groundwater monitoring wells were drilled to evaluate the areas of concern on the site (Figure 3). The borings were advanced using direct-push drilling methods from ground surface to depths between approximately four and seventeen feet bgs. At least one soil sample was collected from each boring for analysis of U.S. Environmental Protection Agency (USEPA) Target Compound List (TCL) volatile organic compounds (VOCs) by USEPA Method 8260, TCL semi-volatile organic compounds (SVOCs) by USEPA Method 8270, USEPA Target Analyte List (TAL) Metals including Mercury by USEPA Methods 6010 and 7471, TCL polychlorinated biphenyls (PCBs) by USEPA Method 8082, and TCL Pesticides by USEPA Method 8081B.

In addition, 14 soil samples were collected from the soil and debris stockpiles throughout the Site for analysis of TCL VOCs by USEPA Method 8260, TCL SVOCs by USEPA Method 8270, USEPA TAL Metals including Mercury by USEPA Methods 6010 and 7471, TCL PCBs by USEPA Method 8082, and TCL Pesticides by USEPA Method 8081B.

2.3 Groundwater Sampling

2.3.1 Groundwater Monitoring Well Installation

Eleven temporary overburden groundwater monitoring wells were installed between May 20 and May 29, 2014 using direct push drilling methods at the locations shown on Figure 3. Six 1-inch diameter PVC temporary groundwater monitoring wells (TW-1, TW-25, TW-37, TW-41, TW-51, and TW-62) were installed with 10 feet of screen from approximately 2 to 12 feet bgs. Another two 1-inch diameter PVC temporary groundwater monitoring wells (TW-30 and TW-33) were installed with 12 feet of screen from approximately 2 to 14 feet bgs. One 1-inch diameter PVC temporary groundwater monitoring well (TW-57) was

installed with 14 feet of screen from approximately 2 to 16 feet bgs. Two 1-inch diameter PVC temporary monitoring wells (TW-13 and TW-18) were installed with 15 feet of screen from 2 feet bgs to 17 feet bgs.

Upon completion, all new monitoring wells were developed on June 3, 2014 to minimize turbidity in groundwater samples collected from each well and to improve their hydraulic properties. The wells were developed by first surging the well across the screen interval using a bailer, and then by purging the well using a pump. Development water generated was collected in UN-approved 55-gallon steel drums and staged at the site for pickup and disposal in accordance with federal, state, and local regulations.

Well construction logs are provided in Appendix B. A summary of well construction information is provided in Table 1.

2.3.2 Groundwater Sampling

All 11 temporary wells were gauged and sampled between June 4 and June 6, 2014. Two pre-existing monitoring wells (P-1 and P-5) and two pre-existing sumps (S-1 and S-2) were also sampled during this time and these four locations were sampled again on August, 19, 2014. Prior to groundwater purging and sampling, the depth to water in each monitoring well was measured from the top of the well casing using an oil/water interface probe and recorded. Groundwater elevations were recorded on two separate days, June 4 and June 6, 2014, to evaluate the shallow groundwater flow direction. Groundwater sampling was conducted in accordance with the USEPA Low-Flow/Low-Purge Sampling Protocol (USEPA, 1998). To the extent practicable, groundwater purging rates were low enough to prevent significant drawdown of the groundwater level in the monitoring well. Water levels were monitored during sampling to ensure that excessive draw down was not occurring. Each groundwater sample collected was analyzed for TCL VOCs by USEPA Method 8260, TCL SVOCs by USEPA Method 8270, USEPA TAL Metals including Mercury by USEPA Methods 6010 and 7471, TCL PCBs by USEPA Method 8082, and TCL Pesticides by USEPA Method 8081B.

To evaluate geochemical characteristics of the groundwater, and to evaluate the effectiveness of well purging, temperature, pH, oxidation-reduction potential, specific conductivity, turbidity, and dissolved oxygen were measured during purging and immediately prior to groundwater sampling. Groundwater purge logs are presented in Appendix C.

2.4 Survey

Upon completion of the field investigation activities, the location and elevation of the top of casing of each new groundwater monitoring well and soil boring installed during the SC as well as the soil and debris stock pile sample locations were surveyed to the nearest 0.01-foot vertically and 0.01-foot horizontally. Locations of two pre-existing monitoring wells (P-1 and P-5), in addition to two pre-existing sumps (S-1 and S-2) were also located and surveyed to the nearest 0.01-foot vertically and 0.01-foot horizontally. These surveyed locations were used for preparation of the site base map. The survey map of the site, including the well survey data provided by YEC, Inc., is provided in Appendix D.

2.5 Investigation-Derived Waste

Soil and groundwater were contained in U.N.-approved 55-gallon drums and staged at the site for pickup and disposal in accordance with federal, state, and local regulations. Waste disposal documents are provided in Appendix E.

3. Data Validation

In accordance with the scope of work, data validation was performed for the samples collected during the SC to ensure that the data generated provide sufficient information to achieve the project objectives. The Data Usability Summary Reports are included in Appendix F. Sample processing was generally conducted in compliance with the analytical protocol requirements and quality criteria. All data were classified as usable with some minor qualification, with the following exceptions:

1. The VOC concentrations of 2-butanone and acetone that were nondetectable in the soil samples were rejected based on extremely low relative response factors (RRFs) in both initial and continuing calibrations.

2. All nondetectable VOC concentration results for soil samples collected from SB-54 were rejected based on extremely low surrogate recoveries.

3. All nondetectable VOC concentration results for soil samples SB-54 (2.5-3.5), SB-58 (2.5-3.5), TW-57 (2.5-3.5), and SB-60 (1.5-3.0) were rejected because the Percent Recoveries were less than 25%.

4. All TCL Pesticide concentrations in soil whose percent difference (%D) value were greater than 100% were rejected.

5. Various positive results for arsenic in soil were rejected based on lab duplicate criteria or because their %D was greater than 100%.

6. Various concentration results for lead were rejected based on an associated extremely low Matrix Spike Recovery (MSR).

7. Various positive concentration results for antimony were rejected based on high Percent Recoveries in the associated Matrix Spike (MS) sample.

8. The positive results for arsenic, chromium, and iron in soil for the field duplicate pair of SB-10 (2.5-4) and DUPLICATE 5/27/14 were rejected based on extremely high Relative Percent Differences (RPDs).

9. The positive results for calcium and magnesium in soil for the field duplicate pair of SB-52 (2-3) and DUPLICATE 5/21/14 were rejected based on extremely high RPDs.

10. Various nondetectable results for 2-butanone in groundwater samples were rejected on the basis that the Relative Response Factor (RRF) for standards associated with these samples was below the 0.05 QC limit.

Please see Tables 3-10 for specific rejected analytes for each sample. Additional discussion is provided in the DUSR narratives in Appendix F.

4. Nature and Extent of Contaminants

4.1 Field Observations

The ground surface over the majority of the site is unpaved, with vegetated areas next to the building and on the outskirts of the site perimeter. There are several piles of soil and debris throughout the site. The site is generally flat. As shown in the soil boring logs, overburden materials were generally composed of layers of gravel, sand, peat, marl, silt, clay, and fill. Bedrock was not encountered during the site characterization. Visual evidence of contamination was not noted in any of the soil boring locations or in soil and debris pile locations. No light non-aqueous phase liquid (LNAPL), sheens, or staining were observed during groundwater monitoring well installation and no LNAPL or sheens were observed during well development or groundwater sampling. Reducing conditions in the groundwater at the site are inferred from negative oxidation-reduction potential (ORP) values measured during purging of all locations except sump S-1 and well P-1.

4.2 Groundwater Flow

Groundwater potentiometric surface contour maps were generated using the depth to groundwater data collected on June 4 and June 6, 2014 which are shown on Figures 4 and 5, respectively. Based on these contours, the groundwater flow at the site is generally to the east-southeast. The hydraulic gradient was calculated at approximately 2.5 vertical feet per 100 horizontal feet, or 0.025 ft/ft.

4.3 Laboratory Results

Laboratory results for soil samples collected during the SC are summarized in Tables 3 through 6, and the results of analyses on groundwater samples are summarized in Tables 7 through 10. A summary of analytical results depicting concentration exceedances of New York State standards are provided on Figure 6 (soil VOCs), Figures 7a and 7b (soil SVOCs), Figures 8a and 8b (soil Metals), Figure 9 (soil Pesticides and PCBs), and Figure 10 (groundwater VOCs and Metals). These figures show detected analytes at each location and their concentrations which exceed the applicable 6 NYCRR Part 375 Soil Cleanup Objectives (SCOs) or NYSDEC Class GA Groundwater Standards. Detectable analytes which were below the applicable standards are shown on Tables 3 through 10. Analytical laboratory reporting forms for samples collected during the investigation are provided in Appendix G.

A statistical summary of the reported laboratory results and a summary of the those results, as compared against the applicable 6 NYCRR Part 375 Soil Cleanup Objectives (SCOs) or NYSDEC Class GA Groundwater Standards, are presented in Table 11. The summary includes the number of samples analyzed, the number of analytes detected, the minimum and maximum reported analyte concentrations, and the number of exceedances of each applicable 6 NYCRR Part 375 SCO or NYSDEC Class GA Groundwater Standard. As shown on Table 11, soil samples had reported concentrations of selected VOCs, SVOCs, TAL Metals, TCL Pesticides, and PCB analytes that were above the 6 NYCRR Part 375 Unrestricted Use SCOs. Only selected SVOC and TAL Metal analytes were reported above the applicable 6 NYCRR Part 375 Industrial Use SCOs. Selected VOC, SVOC, and TAL Metal analytes were reported above the applicable 6 NYCRR Part 375 Protection of Groundwater SCOs. Only one groundwater sample contained a VOC concentration (1,1-DCA) which exceeded the NYSDEC Class GA Groundwater Standard, and 46 individual TAL Metals were reported at concentrations that exceeded the NYSDEC Class GA Groundwater Standards. There were no SVOC, TCL Pesticide, or PCB concentrations that were reported as detectable in groundwater; therefore, there were no exceedances of NYSDEC Class GA Groundwater Standards for these analytes.

4.3.1 Surface Soil and Debris Piles

4.3.1.1 VOCs

As shown in Table 3, none of the soil and debris pile samples contained concentrations of VOCs at or above the laboratory detection limits.

4.3.1.2 SVOCs

As shown in Table 4 and on Figures 7a and 7b, the most frequently detected SVOC compounds in the soil and debris pile samples, and the compounds which exceeded corresponding 6 NYCRR Part 375 Unrestricted Use, Protection of Public Health: Industrial, or Protection of Groundwater SCOs included: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluroanthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. All soil and debris pile samples had detections of SVOCs, and 9 out of the 14 samples contained concentrations of SVOCs that exceeded corresponding 6 NYCRR Part 375 Unrestricted Use, Protection of Public Health: Industrial Use, or Protection of Groundwater SCOs.

4.3.1.3 Metals

As shown in Table 5 and on Figures 8a and 8b, copper, mercury, and zinc were the most frequent analytes which exceeded at least one of the corresponding 6 NYCRR Part 375 SCOs for metals in soil and debris pile samples collected during the SC. Metals were detected in all of the soil and debris pile samples, and 10 of the 14 soil and debris pile samples contained one or more metals at concentrations which exceeded corresponding 6 NYCRR Part 375 Unrestricted Use, Protection of Public Health: Industrial Use, or Protection of Groundwater SCOs. The lead results for all soil and debris pile samples were rejected by the third party data validator (Section 3). Copper was present in four soil and debris pile samples above the Unrestricted Use SCO, mercury was present in five soil and debris pile samples above the Unrestricted Use SCO, and zinc was present in ten soil and debris pile samples above the Unrestricted use SCO. Barium was present in one soil and debris pile above the Unrestricted Use SCO and chromium was present above the Unrestricted Use SCO in three samples. Soil and debris pile sample SDP-2 also contained concentrations of Cadmium above the Unrestricted Use and Protection of Groundwater SCOs, and Copper above Unrestricted Use, Industrial Use, and Protection of Groundwater SCOs.

4.3.1.4 Pesticides

As shown in Table 6 and on Figures 9A and 9B, the most frequently detected pesticide compounds in soil and debris pile samples collected during the SC were 4,4'-DDD, 4,4'-DDE, and 4,4'-DDT. These compounds were detected at concentrations exceeding corresponding 6 NYCRR Part 375 Unrestricted Use SCOs at several soil sample locations. Eleven of the fourteen soil and debris pile samples contained detectable concentrations of pesticides, and five of these samples contained one or more analytes at concentrations greater than NYCRR Part 375 Unrestricted Use SCOs. No pesticides were reported at concentrations above the Industrial Use or Protection of Groundwater SCOs.

4.3.1.5 PCBs

As shown in Table 6 and on Figure 9B, only one soil and debris pile sample, SDP-5, contained a detectable PCB concentration (1,600 micrograms per kilogram (µg/kg)) which exceeded the 6 NYCRR Part 375 Unrestricted Use SCO for PCBs of 100 micrograms per kilogram (µg/kg).

4.3.2 Subsurface Soil

4.3.2.1 VOCs

As shown in Table 3 and on Figure 6, 2-butanone, acetone, and naphthalene were the most frequently detected VOC compounds in soil samples collected during the SC. These samples were generally collected either from the unsaturated interval immediately above the water table, or from within the capillary fringe and upper saturated zone. Two saturated soil samples from TW-57 (10.8 to 11.8 feet bgs, and 14.8 to 15.8 feet bgs) contained detectable 1,1-DCA concentrations greater than the 6 NYCRR Part 375 Unrestricted Use and Protection of Groundwater SCOs. Twenty-one soil samples contained acetone at concentrations greater than the corresponding 6 NYCRR Part 375 Unrestricted Use and Protection of Groundwater SCOs. All of the acetone detections were estimated values. Nondetectable acetone results in several soil samples were rejected by the third party data validator as described in Section 3.

The following compounds were detected at least once in the soil samples collected during the SC, however, at concentrations below 6 NYCRR Part 375 SCOs: benzene, cis-1,2-dichloroethene, ethylbenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, toluene, m,p-xylene, o-xylene, isopropylbenzene, methylene chloride, naphthalene, tetrachloroethene, and trichloroethene (TCE).

4.3.2.2 SVOCs

As shown in Table 4 and on Figures 7a and 7b, the most frequent SVOC compounds detected and which exceeded corresponding 6 NYCRR Part 375 Unrestricted Use, Protection of Groundwater, and/or Protection of Public Health: Industrial SCOs included: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluroanthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. SVOCs were the compounds detected at the highest frequency at the site, and which had the most detections above the 6 NYCRR Part 375 SCOs. The greatest SVOC concentrations were in soil samples from the upper three feet of borings SB-6, SB-19, SB-20, and SB-23 in the southeast portion of the site, and from SB-49 on the western middle of the site. See Table 4 for a full summary of soil sample locations that contained detected SVOC compounds.

4.3.2.3 Metals

As shown in Table 5 and on Figures 8a and 8b, lead, copper, chromium, nickel, and zinc were the most frequently detected metals analytes which exceeded at least one of the corresponding 6 NYCRR Part 375 SCOs in subsurface soil samples collected during the SC. Only arsenic (one sample), and copper (one sample), were detected at concentrations greater than all three 6 NYCRR Part 375 Unrestricted Use, Protection of Groundwater, and Protection of Public Health SCOs . In addition to the above listed compounds, the following metal concentrations were detected at least once in soil samples collected during the SC: aluminum, antimony, barium, beryllium, cadmium, calcium, cobalt, iron, magnesium, manganese, mercury, potassium, selenium, silver, sodium, thallium, and vanadium.

4.3.2.4 Pesticides

As shown in Table 6 and on Figures 9A and 9B, the most frequently detected pesticide compounds which exceeded corresponding 6 NYCRR Part 375 SCOs in subsurface soil samples were 4,4'-DDD, 4,4'-DDE, and 4,4'-DDT. These compounds were detected at concentrations exceeding corresponding 6 NYCRR Part 375 Unrestricted Use SCOs at several soil sample locations. Dieldrin (one sample) and endrin (three samples) were also reported at concentrations exceeding their corresponding 6 NYCRR Part 375 Unrestricted Use SCOs. No other compounds exceeded their respective 6 NYCRR Part 375 SCOs. The following compounds were detected at least once in the soil samples collected during the SC: alpha BHC, alpha-chlordane, beta-BHC, delta BHC, endosulfan sulfate, endrin aldehyde, endrin ketone, gamma-BHC (lindane), gamma-Chlordane, and heptachlor epoxide.

4.3.2.5 PCBs

As shown in Table 6 and on Figures 9A and 9B, only two subsurface samples contained total concentrations of PCBs that exceeded the 6 NYCRR Part 375 Unrestricted Use SCO: SB-10 (0-1.5'), and SB-56 (1.5-2.5'). PCBs were only detected in one other subsurface soil sample (SB-4 from 0 to 2.5 feet bgs).

4.3.3 Groundwater

4.3.3.1 VOCs

As shown on Table 7 and Figure 10, the following VOC compounds were detected at least once in the groundwater samples collected during the SC: 1,1,1-trichloroethane, 1,1-DCA, acetone, cis-1,2-dichloroethene, TCE, and vinyl chloride. The only VOC present at concentrations greater than NYSDEC Class GA Standards was 1,1-DCA in the groundwater sample from TW-57 (9.6 micrograms per liter (µg/L)). No other groundwater samples contained VOC concentrations which exceeded NYSDEC Class GA Standards.

4.3.3.2 SVOCs

As shown in Table 8, none of the groundwater samples collected during the SC contained detectable concentrations of SVOCs.

4.3.3.3 Metals

As shown in Table 9 and on Figure 10, iron, manganese, and sodium were the most frequently detected and the compounds which most frequently exceeded their corresponding NYSDEC Class GA Standards. Iron was detected at concentrations exceeding NYSDEC Class GA Standards in all groundwater samples collected during the SC except for the sample collected from P-1 which was nondetectable for iron. Manganese was detected at concentrations exceeding NYSDEC Class GA Standards in all groundwater samples collected during the SC except for those collected from TW-18, TW-30, TW-41, P-1, P-5, S-1, and S-2. Sodium was detected at concentrations exceeding NYSDEC Class GA Standards in all groundwater samples collected during the SC. There were also exceedances in concentrations of magnesium in the groundwater sample collected from TW-25, and Zinc in the groundwater samples collected from S-1 and S-2.

4.3.3.4 Pesticides

As shown in Table 10, none of the groundwater samples collected during the SC contained detectable concentrations of pesticides.

4.3.3.5 PCBs

As shown in Table 10, none of the groundwater samples collected during the SC contained detectable concentrations of PCBs.

5. Site Characterization Summary

5.1 Site Characterization

Subsurface soil and the soil and debris piles at and in the vicinity of the site do not appear to be significantly impacted by site-related VOCs. Acetone was the most frequently observed VOC which exceeded corresponding 6 NYCRR Part 375 SCOs, and was detected in several samples from both the west and east side of the building at concentrations exceeding the 6 NYCRR Part 375 Unrestricted Use and Protection of Groundwater SCOs. Acetone is also a common laboratory contaminant and is not likely present as a result of site activities. None of the detected acetone results exceeded the Protection of Public Health: Industrial SCOs. Two saturated soil samples, TW-57 (10.8 to 11.8 feet bgs) and TW-57(14.8 to 15.8 feet bgs), on the west of the site building, contained concentrations of 1,1-DCA exceeding the 6 NYCRR Part 375 Unrestricted Use and Protection of Public Health: Industrial Use SCOs .

VOCs were detected in three of the eleven temporary monitoring well samples, and in the groundwater samples from monitoring well P-5. Of these samples, only the sample from TW-57, contained a VOC concentration (1,1-DCA at 9.6 µg/L) which exceeded the corresponding NYSDEC Class GA Standard. It is unknown if the 1,1-DCA is present beneath the site building; however, it does not appear to extend off site to the west. There were low-level detections of other VOCs, all below NYSDEC Class GA Standards, in the groundwater sample from TW-37 on the northern edge of the site, from TW-1 at the southwest corner of the site, and from well P-5 at OU-1 on the east side of the site. The VOCs which were reported at concentrations exceeding the TOGS values in groundwater during the prior investigation on the City of Syracuse composting facility to the east of the site were not detected in the groundwater samples from temporary wells TW-25 or TW-30 which were installed in the vicinity of the prior samples.

Subsurface soil and the soil and debris piles throughout the site are impacted by SVOCs. Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluroanthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were the most frequently detected SVOC compounds at concentrations greater than the Unrestricted Use SCOs and either the Protection of Groundwater or the Protection of Public Health: Industrial SCOs. The extent of SVOC impacted soil is not isolated to one particular area of the site. The highest SVOC concentrations were reported in near-surface samples from the southeast portion of the site. These elevated SVOCs may be present, partially, as the result of a prior fire at the eastern side of the site building in the vicinity of OU-1. Groundwater samples collected during the SC did not contain any SVOC concentrations above the laboratory reporting limits.

Subsurface soil and the soil and debris piles at the site are impacted by metals. Lead, copper, chromium, nickel, and zinc were the most frequently detected compounds at concentrations greater than corresponding 6 NYCRR Part 375 SCOs. The majority of the metals exceedances were Unrestricted Use SCOs only; however, Protection of Groundwater and Protection of Public Health: Industrial SCOs are also exceeded at several locations on site. Exceedances in soil were not isolated to one specific portion of the site, but are present throughout the site. All groundwater samples collected during the SC contained metals concentrations that exceeded NYSDEC Class GA standards. The most frequently detected compounds greater than NYSDEC Class GA standards were iron, manganese, and sodium. The elevated sodium concentrations found throughout the site may be the result of road de-icing activities, especially considering the close proximity of Interstate 690 adjacent to, and upgradient of, the site. The elevated concentrations of iron and manganese are not isolated to one specific area of the site and are likely present in groundwater within the region. The sump samples at OU-1 (S-1 and S-2) also contained zinc concentrations above the NYSDEC Class GA standard. The sumps are constructed of galvanized corrugated metal pipes. Galvanization is the application of a zinc coating to protect metal from rusting. The galvanization of the two sumps is likely the cause of the elevated zinc concentrations in these two samples.

Subsurface soil and soil and debris piles at and in the vicinity of the site, are impacted by pesticides. The most frequently detected compounds which exceeded 6 NYCRR Part 375 Residential and/or Commercial SCOs were 4,4'-DDD, 4,4'-DDE, and 4,4'-DDT. Dieldrin (one sample) and endrin (three samples) were also reported at concentrations exceeding their corresponding 6 NYCRR Part 375 Unrestricted Use SCOs. No pesticides were reported above their respective 6 NYCRR Part 375 Protection of Groundwater or Protection of Public Health: Industrial SCOs. Pesticide impacted soil was found in all areas of the site, but primarily in areas to the south and northwest of the site, and in a

smaller area located just east-northeast of the site boundaries. Groundwater samples collected during the SC did not contain any pesticide concentrations above the laboratory detection limits.

Unsaturated soil and soil and debris piles at and in the vicinity of the site, do not appear to be significantly impacted by PCBs. One soil and debris pile sample (SDP-5) contained a concentration of Total PCBs that exceeded the 6 NYCRR Part 375 Unrestricted Use SCO. Two shallow soil samples, from SB-10 and SB-56, contained Total PCBs concentrations that exceeded the 6 NYCRR Part 375 Unrestricted Use SCO. Only one other soil sample (SB-4) on the south side of the site contained a detectable PCB concentration that was below the 6 NYCRR Part 375 Unrestricted Use SCO. Groundwater samples collected during the SC did not contain any PCB concentrations above the laboratory detection limits.

5.2 Conceptual Site Model

With the conclusion of SC sampling and corresponding activities, the current Conceptual Site Model is as follows:

Previous investigations indicated that there was once localized PCB groundwater contamination in the area of the Operable Unit 1 (OU-1) area of the site. Additional contaminant delineation and sampling efforts during this SC demonstrated that PCB contamination in this area is not significant; however there are two other localized areas where PCB impact is present in near-surface soil. Other contaminants such as SVOCs, pesticides, and metals are present at and in the vicinity of the site. Generally, contaminant concentrations that exceed NYSDEC SCOs are not isolated to one portion of the site, and are present throughout the site. The unsaturated subsurface soil and the soil and debris piles were more highly contaminated as compared to the shallow groundwater at the site. Groundwater flow in the vicinity of the site is generally toward the east-southeast with a relatively flat hydraulic gradient.

The site land surface is unpaved with vegetated areas along edges of the building and around the border of the site. The site is relatively flat with no discernable slope, with the exception of the southern edge of the site, which is sloped down toward the south. The nearest residential area is approximately 300 feet northwest of the site and is likely hydraulically upgradient of the site. The area is serviced by municipal water. Overburden materials are generally composed of layers of gravel, sand, peat, marl, silt, clay, and fill. Much of the fill material contained bricks and slag which are likely present from historic metal working operations dating back to the early 1900s.

Subsurface soil, and soil and debris piles at the site are impacted by several contaminants. Soil containing SVOCs, pesticides, and metals at concentrations exceeding SCOs is present throughout the area of the site, and soil impacted with VOCs and PCBs is present in small isolated sections within the vicinity of the site. Groundwater containing metals at concentrations greater than NYSDEC Class GA standards is present throughout the site, however, other than the zinc reported in samples S-1 and S-2, these impacts are not believed to be from site activities. The elevated sodium concentrations are likely the result of road de-icing activities on Interstate 690 and the elevated iron and manganese are presumed to be indicative of background concentrations in shallow groundwater. VOC impacts to groundwater which exceed NYSDEC Class GA Standards are isolated to one compound (1,1-DCA) at one sample location on the western side of the site building. None of the groundwater samples collected contained detectable concentrations of SVOCs, pesticides or PCBs.

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Tables

TABLE 1
SUMMARY OF WELL CONSTRUCTION INFORMATION
SITE CHARACTERIZATION SUMMARY
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NY

Well	Measuring Point Elevation (ft. AMSL)	Ground Elevation (ft. AMSL)	Date of Installation	Well Diameter (inches)	Well Material	Total Depth of Well/ Length of Casing Below TOC (ft.)	Screen Slot Size (inches)	Length of Screen (feet)	Screened/Open Interval (ft. below TOC)
TW-1	417.28	413.77	5/23/2014	1	PVC	12	0.010	10	2 - 12
TW-13	418.34	414.79	5/27/2014	1	PVC	17	0.010	15	2 17
TW-18	418.03	414.92	5/27/2014	1	PVC	17	0.010	15	2 17
TW-25	419.00	415.50	5/27/2014	1	PVC	12	0.010	10	2 12
TW-30	417.76	414.99	5/29/2014	1	PVC	14	0.010	12	2 14
TW-33	418.26	415.40	5/29/2014	1	PVC	14	0.010	12	2 14
TW-37	419.62	416.44	5/28/2014	1	PVC	12	0.010	10	2 12
TW-41	419.31	416.11	5/20/2014	1	PVC	12	0.010	10	2 12
TW-51	418.13	415.46	5/21/2014	1	PVC	12	0.010	10	2 12
TW-57	418.83	415.76	5/22/2014	1	PVC	16	0.010	14	2 16
TW-62	419.9	416.82	5/22/2014	1	PVC	12	0.010	10	2 12
P-1	415.37	--	--	1	PVC	8*	0.010	--	--
P-5	415.35	--	--	1	PVC	--	0.010	--	--

Elevations based on NAVD 88 datum.
-- Parameter Unknown
* Based on depth to bottom measurements in June 2014

TABLE 2
SUMMARY OF GROUNDWATER ELEVATIONS
SITE CHARACTERIZATION SUMMARY
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NY

Well	Measuring Point Elevation (ft. AMSL)	Ground Elevation (ft. AMSL)	6/4/2014		6/6/2014		8/19/2014	
			DTW (feet)	Elevation (feet)	DTW (feet)	Elevation (feet)	DTW (feet)	Elevation (feet)
TW-1	417.28	413.77	7.96	409.32	7.98	409.30	--	--
TW-13	418.34	414.79	8.98	409.36	9.00	409.34	--	--
TW-18	418.03	414.92	8.49	409.54	8.51	409.52	--	--
TW-25	419.00	415.50	10.63	408.37	10.68	408.32	--	--
TW-30	417.76	414.99	7.92	409.84	8.00	409.76	--	--
TW-33	418.26	415.40	6.25	412.01	6.31	411.95	--	--
TW-37	419.62	416.44	7.28	412.34	7.34	412.28	--	--
TW-41	419.31	416.11	7.40	411.91	7.48	411.83	--	--
TW-51	418.13	415.46	6.75	411.38	6.78	411.35	--	--
TW-57	418.83	415.76	7.22	411.61	7.22	411.61	--	--
TW-62	419.9	416.82	10.22	409.68	10.32	409.58	--	--
P-1	415.37	--	--	--	3.89	411.48	3.74	411.63
P-5	415.35	--	4.82	410.53	4.80	410.55	5.38	409.97
S-1	417.50	--	5.80	411.6977	5.97	411.53	5.86	411.6377
S-2	417.40	--	5.93	411.4693	5.85	411.55	5.72	411.6793

Elevations based on NAVD 88 datum.
-- Parameter Unknown

TABLE 3
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS - DETECTED VOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	SDP-1 5/20/2014 SOIL µg/kg	SDP-2 5/20/2014 SOIL µg/kg	SDP-3 5/20/2014 SOIL µg/kg	SDP-4 5/20/2014 SOIL µg/kg	SDP-5 5/20/2014 SOIL µg/kg	SDP-6 5/20/2014 SOIL µg/kg	SDP-7 5/20/2014 SOIL µg/kg	SDP-8 5/20/2014 SOIL µg/kg
VOCs											
1,1-Dichloroethane	270	270	480,000	5.8 U	6.6 U	5.9 U	5.8 U	12 U	5.8 U	6.3 U	9.7 U
2-Butanone (MEK)	120	120	1,000,000	R	R	R	R	R	R	R	R
Acetone	50	50	1,000,000	R	R	R	R	R	R	R	R
Benzene	60	60	89,000	5.8 U	6.6 U	5.9 U	5.8 U	12 U	5.8 U	6.3 U	9.7 U
cis-1,2-Dichloroethene	250	250	1,000,000	5.8 U	6.6 U	5.9 U	5.8 U	12 U	5.8 U	6.3 U	9.7 U
Ethyl Benzene	1,000	1,000	780,000	5.8 U	6.6 U	5.9 U	5.8 U	12 U	5.8 U	6.3 U	9.7 U
1,2,4-Trimethylbenzene	3,600	3,600	380,000	5.8 U	6.6 U	5.9 U	5.8 U	12 U	5.8 U	6.3 U	9.7 U
1,3,5-Trimethylbenzene	8,400	8,400	380,000	5.8 U	6.6 U	5.9 U	5.8 U	12 U	5.8 U	6.3 U	9.7 U
Toluene	700	700	1,000,000	5.8 U	6.6 U	5.9 U	5.8 U	12 U	5.8 U	6.3 U	9.7 U
m,p-Xylene	260	1,600	1,000,000	5.8 U	6.6 U	5.9 U	5.8 U	12 U	5.8 U	6.3 U	9.7 U
o-Xylene	260	1,600	1,000,000	5.8 U	6.6 U	5.9 U	5.8 U	12 U	5.8 U	6.3 U	9.7 U
Isopropylbenzene	--	--	--	5.8 U	6.6 U	5.9 U	5.8 U	12 U	5.8 U	6.3 U	9.7 U
Methylene Chloride	50	50	1,000,000	5.8 U	6.6 U	5.9 U	5.8 U	12 U	5.8 U	6.3 U	9.7 U
Naphthalene	12,000	12,000	1,000,000	5.8 U	6.6 U	5.9 U	5.8 U	12 U	5.8 U	6.3 U	9.7 U
Tetrachloroethene	1,300	1,300	300,000	5.8 U	6.6 U	5.9 U	5.8 U	12 U	5.8 U	6.3 U	9.7 U
Trichloroethene	470	470	400,000	5.8 U	6.6 U	5.9 U	5.8 U	12 U	5.8 U	6.3 U	9.7 U

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

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SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed
R - The data is unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 3
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS - DETECTED VOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	SDP-9 5/20/2014 SOIL µg/kg	SDP-10 5/20/2014 SOIL µg/kg	SDP-11 5/20/2014 SOIL µg/kg	SDP-12 5/20/2014 SOIL µg/kg	SDP-13 5/20/2014 SOIL µg/kg	SDP-14 5/20/2014 SOIL µg/kg	SB-2 2.3'-3.3' bgs 5/23/2014 SOIL µg/kg	SB-3 0'-7' bgs 5/23/2014 SOIL µg/kg
VOCs											
1,1-Dichloroethane	270	270	480,000	6.8 U	6.0 U	5.5 U	6.1 U	5.9 U	5.6 U	6.1 U	5.2 U
2-Butanone (MEK)	120	120	1,000,000	R	R	R	R	R	R	R	R
Acetone	50	50	1,000,000	R	R	R	R	R	R	R	R
Benzene	60	60	89,000	6.8 U	6.0 U	5.5 U	6.1 U	5.9 U	5.6 U	6.1 U	5.2 U
cis-1,2-Dichloroethene	250	250	1,000,000	6.8 U	6.0 U	5.5 U	6.1 U	5.9 U	5.6 U	6.1 U	5.2 U
Ethyl Benzene	1,000	1,000	780,000	6.8 U	6.0 U	5.5 U	6.1 U	5.9 U	5.6 U	6.1 U	5.2 U
1,2,4-Trimethylbenzene	3,600	3,600	380,000	6.8 U	6.0 U	5.5 U	6.1 U	5.9 U	5.6 U	6.1 U	5.2 U
1,3,5-Trimethylbenzene	8,400	8,400	380,000	6.8 U	6.0 U	5.5 U	6.1 U	5.9 U	5.6 U	6.1 U	5.2 U
Toluene	700	700	1,000,000	6.8 U	6.0 U	5.5 U	6.1 U	5.9 U	5.6 U	6.1 U	5.2 U
m,p-Xylene	260	1,600	1,000,000	6.8 U	6.0 U	5.5 U	6.1 U	5.9 U	5.6 U	6.1 U	5.2 U
o-Xylene	260	1,600	1,000,000	6.8 U	6.0 U	5.5 U	6.1 U	5.9 U	5.6 U	6.1 U	5.2 U
Isopropylbenzene	--	--	--	6.8 U	6.0 U	5.5 U	6.1 U	5.9 U	5.6 U	6.1 U	5.2 U
Methylene Chloride	50	50	1,000,000	6.8 U	6.0 U	5.5 U	6.1 U	5.9 U	5.6 U	6.1 U	5.2 U
Naphthalene	12,000	12,000	1,000,000	6.8 U	6.0 U	5.5 U	6.1 U	5.9 U	5.6 U	6.1 U	5.2 U
Tetrachloroethene	1,300	1,300	300,000	6.8 U	6.0 U	5.5 U	6.1 U	5.9 U	5.6 U	6.1 U	5.2 U
Trichloroethene	470	470	400,000	6.8 U	6.0 U	5.5 U	6.1 U	5.9 U	5.6 U	6.1 U	**4.8 J**

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed
R - The data is unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 3
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS - DETECTED VOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	SB-4 0'-2.5' bgs 5/23/2014 SOIL µg/kg	SB-4 4'-6.5' bgs 5/23/2014 SOIL µg/kg	SB-5 0'-4.5' bgs 5/23/2014 SOIL µg/kg	SB-6 1'-3' bgs 5/27/2014 SOIL µg/kg	SB-6 6'-8' bgs 5/27/2014 SOIL µg/kg	SB-7 0'-1' bgs 5/22/2014 SOIL µg/kg	SB-7 6.5'-7.5' bgs 5/23/2014 SOIL µg/kg	SB-8 6'-7' bgs 5/23/2014 SOIL µg/kg
VOCs											
1,1-Dichloroethane	270	270	480,000	5.4 U	5.9 U	6.3 U	5.2 U	6.1 UJ	5.6 U	5.6 U	6.6 U
2-Butanone (MEK)	120	120	1,000,000	R	R	R	R	**39 J**	R	R	**12 J**
Acetone	50	50	1,000,000	R	R	R	R	**120 J**	R	R	**25 J**
Benzene	60	60	89,000	5.4 U	5.9 U	6.3 U	5.2 U	6.1 U	5.6 U	5.6 U	6.6 U
cis-1,2-Dichloroethene	250	250	1,000,000	5.4 U	5.9 U	6.3 U	5.2 U	6.1 U	5.6 U	5.6 U	6.6 U
Ethyl Benzene	1,000	1,000	780,000	5.4 U	5.9 U	6.3 U	5.2 U	6.1 U	5.6 U	5.6 U	6.6 U
1,2,4-Trimethylbenzene	3,600	3,600	380,000	5.4 U	5.9 U	6.3 U	5.2 U	6.1 U	5.6 U	5.6 U	6.6 U
1,3,5-Trimethylbenzene	8,400	8,400	380,000	5.4 U	5.9 U	6.3 U	5.2 U	6.1 U	5.6 U	5.6 U	6.6 U
Toluene	700	700	1,000,000	5.4 U	5.9 U	6.3 U	5.2 U	6.1 U	5.6 U	5.6 U	**3.0 J**
m,p-Xylene	260	1,600	1,000,000	5.4 U	5.9 U	6.3 U	5.2 U	6.1 U	5.6 U	5.6 U	6.6 U
o-Xylene	260	1,600	1,000,000	5.4 U	5.9 U	6.3 U	5.2 U	6.1 U	5.6 U	5.6 U	6.6 U
Isopropylbenzene	--	--	--	5.4 U	5.9 U	6.3 U	5.2 U	6.1 U	5.6 U	5.6 U	6.6 U
Methylene Chloride	50	50	1,000,000	5.4 U	5.9 U	6.3 U	5.2 U	6.1 U	5.6 U	5.6 U	6.6 U
Naphthalene	12,000	12,000	1,000,000	5.4 U	5.9 U	6.3 U	5.2 U	6.1 U	5.6 U	5.6 U	6.6 U
Tetrachloroethene	1,300	1,300	300,000	5.4 U	5.9 U	6.3 U	5.2 U	6.1 U	5.6 U	5.6 U	6.6 U
Trichloroethene	470	470	400,000	**3.6 J**	**4.1 J**	6.3 U	5.2 U	6.1 U	5.6 U	5.6 U	6.6 U

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

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R - The data is unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 3
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS - DETECTED VOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	SB-8 3'-4' bgs 5/23/2014 SOIL µg/kg	SB-9 0'-3.8' bgs 5/23/2014 SOIL µg/kg	SB-10 0'-1.5' bgs 5/27/2014 SOIL µg/kg	SB-10 2.5'-4' bgs 5/27/2014 SOIL µg/kg	DUPLICATE 5/27/14 5/27/2014 SOIL µg/kg	SB-11 1'-3' bgs 5/27/2014 SOIL µg/kg	SB-11 6'-8' bgs 5/27/2014 SOIL µg/kg	SB-12 0'-3.5' bgs 5/23/2014 SOIL µg/kg
VOCs											
1,1-Dichloroethane	270	270	480,000	5.7 U	5.9 U	5.2 U	5.0 U	5.4 U	5.8 UJ	12 U	5.2 U
2-Butanone (MEK)	120	120	1,000,000	**19 J**	**3.9 J**	R	R	R	R	**19 J**	R
Acetone	50	50	1,000,000	**31 J**	**20 J**	R	R	R	R	**97 J**	R
Benzene	60	60	89,000	**2.8 J**	5.9 U	5.2 U	5.0 U	5.4 U	5.8 U	12 U	5.2 U
cis-1,2-Dichloroethene	250	250	1,000,000	**4.9 J**	5.9 U	5.2 U	5.0 U	5.4 U	5.8 U	12 U	5.2 U
Ethyl Benzene	1,000	1,000	780,000	5.7 U	5.9 U	5.2 U	5.0 U	5.4 U	5.8 U	12 U	5.2 U
1,2,4-Trimethylbenzene	3,600	3,600	380,000	5.7 U	5.9 U	5.2 U	5.0 U	5.4 U	5.8 U	12 U	5.2 U
1,3,5-Trimethylbenzene	8,400	8,400	380,000	5.7 U	5.9 U	5.2 U	5.0 U	5.4 U	5.8 U	12 U	5.2 U
Toluene	700	700	1,000,000	5.7 U	5.9 U	5.2 U	5.0 U	5.4 U	5.8 U	12 U	5.2 U
m,p-Xylene	260	1,600	1,000,000	5.7 U	5.9 U	5.2 U	5.0 U	5.4 U	5.8 U	12 U	5.2 U
o-Xylene	260	1,600	1,000,000	5.7 U	5.9 U	5.2 U	5.0 U	5.4 U	5.8 U	12 U	5.2 U
Isopropylbenzene	--	--	--	5.7 U	5.9 U	5.2 U	5.0 U	5.4 U	5.8 U	12 U	5.2 U
Methylene Chloride	50	50	1,000,000	5.7 U	5.9 U	5.2 U	5.0 U	5.4 U	5.8 U	12 U	5.2 U
Naphthalene	12,000	12,000	1,000,000	5.7 U	5.9 U	**8.9**	5.0 U	5.4 U	5.8 U	12 U	5.2 U
Tetrachloroethene	1,300	1,300	300,000	5.7 U	5.9 U	5.2 U	5.0 U	5.4 U	5.8 U	12 U	5.2 U
Trichloroethene	470	470	400,000	5.7 U	5.9 U	5.2 U	5.0 U	5.4 U	5.8 U	12 U	5.2 U

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

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DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 3
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS - DETECTED VOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	SB-14 1'-3' bgs 5/27/2014 SOIL µg/kg	SB-14 6'-8' bgs 5/27/2014 SOIL µg/kg	SB-15 0'-4' bgs 5/27/2014 SOIL µg/kg	SB-15 5'-7' bgs 5/27/2014 SOIL µg/kg	SB-16 0'-5' bgs 5/27/2014 SOIL µg/kg	SB-17 0'-4' bgs 5/27/2014 SOIL µg/kg	SB-19 0'-3.5' bgs 5/27/2014 SOIL µg/kg	SB-20 0'-3' bgs 5/27/2014 SOIL µg/kg
VOCs											
1,1-Dichloroethane	270	270	480,000	5.4 UJ	8.3 U	5.7 UJ	40 UJ	5.1 U	6.9 U	6.6 U	6.6 U
2-Butanone (MEK)	120	120	1,000,000	R	R	R	R	R	**10 J**	R	R
Acetone	50	50	1,000,000	R	**14 J**	R	R	**4.6 J**	**58 J**	R	R
Benzene	60	60	89,000	5.4 U	8.3 U	5.7 U	40 U	5.1 U	6.9 U	6.6 U	6.6 U
cis-1,2-Dichloroethene	250	250	1,000,000	5.4 U	8.3 U	5.7 U	40 U	5.1 U	6.9 U	6.6 U	6.6 U
Ethyl Benzene	1,000	1,000	780,000	5.4 U	8.3 U	5.7 U	40 U	5.1 U	6.9 U	6.6 U	6.6 U
1,2,4-Trimethylbenzene	3,600	3,600	380,000	5.4 U	8.3 U	5.7 U	40 U	5.1 U	6.9 U	6.6 U	6.6 U
1,3,5-Trimethylbenzene	8,400	8,400	380,000	5.4 U	8.3 U	5.7 U	40 U	5.1 U	6.9 U	6.6 U	6.6 U
Toluene	700	700	1,000,000	5.4 U	8.3 U	5.7 U	40 U	5.1 U	6.9 U	6.6 U	6.6 U
m,p-Xylene	260	1,600	1,000,000	5.4 U	8.3 U	5.7 U	40 U	5.1 U	6.9 U	6.6 U	6.6 U
o-Xylene	260	1,600	1,000,000	5.4 U	8.3 U	5.7 U	40 U	5.1 U	6.9 U	6.6 U	6.6 U
Isopropylbenzene	--	--	--	5.4 U	8.3 U	5.7 U	40 U	5.1 U	6.9 U	6.6 U	6.6 U
Methylene Chloride	50	50	1,000,000	5.4 U	8.3 U	5.7 U	40 U	5.1 U	6.9 U	6.6 U	6.6 U
Naphthalene	12,000	12,000	1,000,000	5.4 U	8.3 U	5.7 U	40 U	5.1 U	6.9 U	6.6 U	6.6 U
Tetrachloroethene	1,300	1,300	300,000	5.4 U	8.3 U	5.7 U	40 U	5.1 U	6.9 U	6.6 U	6.6 U
Trichloroethene	470	470	400,000	5.4 U	8.3 U	5.7 U	40 U	5.1 U	6.9 U	6.6 U	6.6 U

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed
R - The data is unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 3
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS - DETECTED VOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	SB-21 0'-3.5 bgs 5/27/2014 SOIL µg/kg	SB-23 0'-3.5' bgs 5/27/2014 SOIL µg/kg	SB-24 0'-2.8' bgs 5/27/2014 SOIL µg/kg	DUPLICATE 5/28/14 5/28/2014 SOIL µg/kg	SB-26 0'-3' bgs 5/28/2014 SOIL µg/kg	SB-27 0'-4' bgs 5/28/2014 SOIL µg/kg	SB-28 0'-2' bgs 5/28/2014 SOIL µg/kg	SB-28 3'-5 bgs 5/28/2014 SOIL µg/kg
VOCs											
1,1-Dichloroethane	270	270	480,000	6.0 U	5.5 U	6.3 U	5.6 U	5.6 U	6.0 U	6.6 U	7.0 U
2-Butanone (MEK)	120	120	1,000,000	R	R	R	R	R	R	R	**32 J**
Acetone	50	50	1,000,000	R	R	R	R	R	R	R	**150 J**
Benzene	60	60	89,000	6.0 U	5.5 U	6.3 U	5.6 U	5.6 U	6.0 U	6.6 U	7.0 U
cis-1,2-Dichloroethene	250	250	1,000,000	6.0 U	5.5 U	6.3 U	5.6 U	5.6 U	**10**	6.6 U	7.0 U
Ethyl Benzene	1,000	1,000	780,000	6.0 U	5.5 U	6.3 U	5.6 U	5.6 U	6.0 U	6.6 U	7.0 U
1,2,4-Trimethylbenzene	3,600	3,600	380,000	6.0 U	5.5 U	6.3 U	5.6 U	5.6 U	6.0 U	6.6 U	7.0 U
1,3,5-Trimethylbenzene	8,400	8,400	380,000	6.0 U	5.5 U	6.3 U	5.6 U	5.6 U	6.0 U	6.6 U	7.0 U
Toluene	700	700	1,000,000	6.0 U	5.5 U	6.3 U	5.6 U	5.6 U	6.0 U	6.6 U	7.0 U
m,p-Xylene	260	1,600	1,000,000	6.0 U	5.5 U	6.3 U	5.6 U	5.6 U	6.0 U	6.6 U	7.0 U
o-Xylene	260	1,600	1,000,000	6.0 U	5.5 U	6.3 U	5.6 U	5.6 U	6.0 U	6.6 U	7.0 U
Isopropylbenzene	--	--	--	6.0 U	5.5 U	6.3 U	5.6 U	5.6 U	6.0 U	6.6 U	7.0 U
Methylene Chloride	50	50	1,000,000	6.0 U	5.5 U	6.3 U	5.6 U	5.6 U	6.0 U	6.6 U	7.0 U
Naphthalene	12,000	12,000	1,000,000	6.0 U	**22 J**	6.3 U	5.6 U	5.6 U	6.0 U	6.6 U	7.0 U
Tetrachloroethene	1,300	1,300	300,000	6.0 U	5.5 U	6.3 U	5.6 U	5.6 U	6.0 U	6.6 U	7.0 U
Trichloroethene	470	470	400,000	6.0 U	5.5 U	6.3 U	5.6 U	5.6 U	**67**	6.6 U	7.0 U

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed
R - The data is unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 3
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS - DETECTED VOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	SB-29 0'-2.5' bgs 5/28/2014 SOIL µg/kg	SB-29 2.5'-4.5' bgs 5/28/2014 SOIL µg/kg	SB-31 0'-2' bgs 5/28/2014 SOIL µg/kg	DUPLICATE-2 5/28/14 5/28/2014 SOIL µg/kg	SB-31 2'-4' bgs 5/28/2014 SOIL µg/kg	SB-32 2'-4' bgs 5/29/2014 SOIL µg/kg	DUPLICATE 5/29/14 5/29/2014 SOIL µg/kg	SB-34 1'-4' bgs 5/28/2014 SOIL µg/kg
VOCs											
1,1-Dichloroethane	270	270	480,000	6.2 U	5.6 U	5.7 U	5.8 U	8.4 U	5.7 U	5.7 U	8.9 U
2-Butanone (MEK)	120	120	1,000,000	R	**4.1 J**	R	R	R	**8.0 J**	**12 J**	R
Acetone	50	50	1,000,000	R	**30 J**	R	R	R	**45 J**	**59 J**	R
Benzene	60	60	89,000	6.2 U	5.6 U	5.7 U	5.8 U	8.4 U	5.7 U	5.7 U	8.9 U
cis-1,2-Dichloroethene	250	250	1,000,000	6.2 U	5.6 U	5.7 U	5.8 U	8.4 U	5.7 U	5.7 U	8.9 U
Ethyl Benzene	1,000	1,000	780,000	6.2 U	5.6 U	5.7 U	5.8 U	8.4 U	5.7 U	5.7 U	8.9 U
1,2,4-Trimethylbenzene	3,600	3,600	380,000	6.2 U	5.6 U	5.7 U	5.8 U	8.4 U	5.7 UJ	5.7 UJ	8.9 U
1,3,5-Trimethylbenzene	8,400	8,400	380,000	6.2 U	5.6 U	5.7 U	5.8 U	8.4 U	5.7 UJ	5.7 UJ	8.9 U
Toluene	700	700	1,000,000	6.2 U	5.6 U	5.7 U	5.8 U	8.4 U	5.7 U	5.7 U	8.9 U
m,p-Xylene	260	1,600	1,000,000	6.2 U	5.6 U	5.7 U	5.8 U	8.4 U	5.7 U	5.7 U	8.9 U
o-Xylene	260	1,600	1,000,000	6.2 U	5.6 U	5.7 U	5.8 U	8.4 U	5.7 U	5.7 U	8.9 U
Isopropylbenzene	--	--	--	6.2 U	5.6 U	5.7 U	5.8 U	8.4 U	5.7 U	5.7 U	8.9 U
Methylene Chloride	50	50	1,000,000	6.2 U	5.6 U	5.7 U	5.8 U	8.4 U	5.7 U	5.7 U	8.9 U
Naphthalene	12,000	12,000	1,000,000	6.2 U	5.6 U	5.7 U	5.8 U	8.4 U	5.7 U	5.7 U	8.9 U
Tetrachloroethene	1,300	1,300	300,000	6.2 U	5.6 U	5.7 U	5.8 U	8.4 U	5.7 U	5.7 U	8.9 U
Trichloroethene	470	470	400,000	6.2 U	5.6 U	5.7 U	5.8 U	8.4 U	5.7 U	5.7 U	8.9 U

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed
R - The data is unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 3
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS - DETECTED VOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	SB-35 0'-2.5' bgs 5/28/2014 SOIL µg/kg	SB-36 0'-3' bgs 5/28/2014 SOIL µg/kg	SB-38 1.5'-3.5' bgs 5/29/2014 SOIL µg/kg	SB-39 1'-3' bgs 5/29/2014 SOIL µg/kg	SB-40 1'-3.5' bgs 5/29/2014 SOIL µg/kg	SB-42 2'-4' bgs 5/29/2014 SOIL µg/kg	SB-43 2'-4' bgs 5/29/2014 SOIL µg/kg	SB-44 0.5'-3' bgs 5/29/2014 SOIL µg/kg
VOCs											
1,1-Dichloroethane	270	270	480,000	5.3 U	5.9 U	6.0 U	5.6 U	5.1 U	5.8 U	6.1 U	5.6 U
2-Butanone (MEK)	120	120	1,000,000	R	R	R	R	R	**11.0 J**	R	R
Acetone	50	50	1,000,000	R	R	R	R	R	**74 J**	R	R
Benzene	60	60	89,000	5.3 U	5.9 U	6.0 U	5.6 U	5.1 U	5.8 U	6.1 U	5.6 U
cis-1,2-Dichloroethene	250	250	1,000,000	5.3 U	5.9 U	6.0 U	5.6 U	5.1 U	5.8 U	6.1 U	5.6 U
Ethyl Benzene	1,000	1,000	780,000	5.3 U	5.9 U	6.0 U	5.6 U	5.1 U	5.8 U	6.1 U	5.6 U
1,2,4-Trimethylbenzene	3,600	3,600	380,000	5.3 U	5.9 U	6.0 UJ	5.6 UJ	5.1 U	5.8 U	6.1 U	5.6 U
1,3,5-Trimethylbenzene	8,400	8,400	380,000	5.3 U	5.9 U	6.0 UJ	5.6 UJ	5.1 U	5.8 U	6.1 U	5.6 U
Toluene	700	700	1,000,000	5.3 U	5.9 U	6.0 U	5.6 U	5.1 U	5.8 U	6.1 U	5.6 U
m,p-Xylene	260	1,600	1,000,000	5.3 U	5.9 U	6.0 U	5.6 U	5.1 U	5.8 U	6.1 U	5.6 U
o-Xylene	260	1,600	1,000,000	5.3 U	5.9 U	6.0 U	5.6 U	5.1 U	5.8 U	6.1 U	5.6 U
Isopropylbenzene	--	--	--	5.3 U	5.9 U	6.0 U	5.6 U	5.1 U	5.8 U	6.1 U	5.6 U
Methylene Chloride	50	50	1,000,000	5.3 U	5.9 U	6.0 U	5.6 U	5.1 U	5.8 U	6.1 U	5.6 U
Naphthalene	12,000	12,000	1,000,000	5.3 U	5.9 U	6.0 U	5.6 U	5.1 U	5.8 U	6.1 U	5.6 U
Tetrachloroethene	1,300	1,300	300,000	5.3 U	5.9 U	6.0 U	5.6 U	5.1 U	5.8 U	6.1 U	5.6 U
Trichloroethene	470	470	400,000	5.3 U	5.9 U	6.0 U	5.6 U	5.1 U	5.8 U	6.1 U	5.6 U

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed
R - The data is unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 3
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS - DETECTED VOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	SB-45 0.5'-3' bgs 5/29/2014 SOIL µg/kg	SB-46 1'-3' bgs 5/29/2014 SOIL µg/kg	SB-47 0'-1' bgs 5/22/2014 SOIL µg/kg	SB-47 2'-3' bgs 5/22/2014 SOIL µg/kg	SB-48 1.5'-2.5' bgs 5/22/2014 SOIL µg/kg	DUPLICATE 5/22/14 5/22/2014 SOIL µg/kg	SB-49 1'-2' bgs 5/22/2014 SOIL µg/kg	SB-49 4.0'-5.0' bgs 5/22/2014 SOIL µg/kg
VOCs											
1,1-Dichloroethane	270	270	480,000	5.8 U	5.9 U	5.4 U	5.8 U	5.6 U	5.1 U	5.6 U	5.8 U
2-Butanone (MEK)	120	120	1,000,000	R	R	R	**16 J**	**13 J**	R	**8 J**	**6.2 J**
Acetone	50	50	1,000,000	R	R	R	**77 J**	**51 J**	**37 J**	**59 J**	**32 J**
Benzene	60	60	89,000	5.8 U	5.9 U	5.4 U	5.8 U	5.6 U	5.1 U	**6.4**	5.8 U
cis-1,2-Dichloroethene	250	250	1,000,000	5.8 U	5.9 U	5.4 U	5.8 U	5.6 U	5.1 U	5.6 U	5.8 U
Ethyl Benzene	1,000	1,000	780,000	5.8 U	5.9 U	5.4 U	5.8 U	5.6 U	5.1 U	**3.0 J**	5.8 U
1,2,4-Trimethylbenzene	3,600	3,600	380,000	5.8 U	5.9 U	5.4 U	5.8 U	5.6 U	5.1 U	**8.9**	5.8 U
1,3,5-Trimethylbenzene	8,400	8,400	380,000	5.8 U	5.9 U	5.4 U	5.8 U	5.6 U	5.1 U	**7.1**	5.8 U
Toluene	700	700	1,000,000	5.8 U	5.9 U	5.4 U	5.8 U	5.6 U	5.1 U	**14**	5.8 U
m,p-Xylene	260	1,600	1,000,000	5.8 U	5.9 U	5.4 U	5.8 U	5.6 U	5.1 U	**14**	5.8 U
o-Xylene	260	1,600	1,000,000	5.8 U	5.9 U	5.4 U	5.8 U	5.6 U	5.1 U	**14**	5.8 U
Isopropylbenzene	--	--	--	5.8 U	5.9 U	5.4 U	5.8 U	5.6 U	5.1 U	**6.1**	5.8 U
Methylene Chloride	50	50	1,000,000	5.8 U	**2.4 J**	5.4 U	5.8 U	5.6 U	5.1 U	5.6 U	**3.4**
Naphthalene	12,000	12,000	1,000,000	5.8 U	5.9 U	5.4 U	5.8 U	5.6 U	5.1 U	**110**	5.8 U
Tetrachloroethene	1,300	1,300	300,000	5.8 U	5.9 U	5.4 U	5.8 U	5.6 U	5.1 U	5.6 U	5.8 U
Trichloroethene	470	470	400,000	5.8 U	5.9 U	5.4 U	5.8 U	5.6 U	5.1 U	5.6 U	5.8 U

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed
R - The data is unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 3
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS - DETECTED VOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	SB-50 0'-2' bgs 5/23/2014 SOIL µg/kg	SB-52 2-3' bgs 5/21/2014 SOIL µg/kg	DUPLICATE 5/21/14 5/21/2014 SOIL µg/kg	SB-53 1.5-2.5' bgs 5/21/2014 SOIL µg/kg	SB-54 2.5'-3.5' bgs 5/21/2014 SOIL µg/kg	SB-55 1.5'-2.5' bgs 5/21/2014 SOIL µg/kg	SB-55 3'-4' bgs 5/21/2014 SOIL µg/kg	SB-56 0'-1' bgs 5/21/2014 SOIL µg/kg
VOCs											
1,1-Dichloroethane	270	270	480,000	6.0 U	5.4 U	5.3 U	5.5 U	R	5.2 U	5.9 U	5.3 U
2-Butanone (MEK)	120	120	1,000,000	**4.1 J**	5.4 U	**2.2 J**	5.5 U	R	**5.5 J**	**7.2 J**	R
Acetone	50	50	1,000,000	**9.4 J**	**31 J**	**13 J**	**14** J	R	**27 J**	**36 J**	R
Benzene	60	60	89,000	6.0 U	5.4 U	5.3 U	5.5 U	R	5.2 U	5.9 U	5.3 U
cis-1,2-Dichloroethene	250	250	1,000,000	6.0 U	**4.7 J**	5.3 U	5.5 UR	R	5.2 U	5.9 U	5.3 U
Ethyl Benzene	1,000	1,000	780,000	6.0 U	5.4 U	5.3 U	5.5 U	R	5.2 U	5.9 U	5.3 U
1,2,4-Trimethylbenzene	3,600	3,600	380,000	6.0 U	5.4 U	5.3 U	5.5 U	R	**1.2 J**	5.9 U	5.3 U
1,3,5-Trimethylbenzene	8,400	8,400	380,000	6.0 U	5.4 U	5.3 U	5.5 U	R	5.2 U	5.9 U	5.3 U
Toluene	700	700	1,000,000	6.0 U	5.4 U	5.3 U	5.5 U	R	5.2 U	5.9 U	5.3 U
m,p-Xylene	260	1,600	1,000,000	6.0 U	5.4 U	5.3 U	5.5 U	R	5.2 U	5.9 U	5.3 U
o-Xylene	260	1,600	1,000,000	6.0 U	5.4 U	5.3 U	5.5 U	R	5.2 U	5.9 U	5.3 U
Isopropylbenzene	--	--	--	6.0 U	5.4 U	5.3 U	5.5 U	R	5.2 U	5.9 U	5.3 U
Methylene Chloride	50	50	1,000,000	6.0 U	5.4 U	5.3 U	5.5 U	R	5.2 U	5.9 U	5.3 U
Naphthalene	12,000	12,000	1,000,000	6.0 U	5.4 U	5.3 U	5.5 U	R	5.2 U	5.9 U	5.3 U
Tetrachloroethene	1,300	1,300	300,000	6.0 U	5.4 U	5.3 U	5.5 U	R	5.2 U	5.9 U	5.3 U
Trichloroethene	470	470	400,000	6.0 U	5.4 U	5.3 U	5.5 U	R	5.2 U	5.9 U	5.3 U

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed
R - The data is unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 3
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS - DETECTED VOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	SB-56 1.5'-2.5' bgs 5/21/2014 SOIL µg/kg	SB-58 2.5'-3.5' bgs 5/21/2014 SOIL µg/kg	SB-59 0.5'-2.0' bgs 5/22/2014 SOIL µg/kg	SB-60 1.5'-3.0' bgs 5/22/2014 SOIL µg/kg	SB-61 0'-3' bgs 5/22/2014 SOIL µg/kg	TW-1 0'-6' 5/23/2014 SOIL µg/kg	TW-1 10.5'-12' bgs 5/23/2014 SOIL µg/kg	TW-1 7'-8.5' bgs 5/23/2014 SOIL µg/kg
VOCs											
1,1-Dichloroethane	270	270	480,000	5.0 U	4.9 U	5.9 U	R	5.6 U	5.7 U	8.6 U	5.6 U
2-Butanone (MEK)	120	120	1,000,000	R	R	R	R	R	R	**9.0 J**	R
Acetone	50	50	1,000,000	R	R	**7.8 J**	R	R	R	**49 J**	**6.2 J**
Benzene	60	60	89,000	5.0 U	4.9 U	5.9 U	R	5.6 U	5.7 U	8.6 U	5.6 U
cis-1,2-Dichloroethene	250	250	1,000,000	5.0 U	**4.6 J**	5.9 U	R	5.6 U	5.7 U	8.6 U	5.6 U
Ethyl Benzene	1,000	1,000	780,000	5.0 U	4.9 U	5.9 U	R	5.6 U	5.7 U	8.6 U	5.6 U
1,2,4-Trimethylbenzene	3,600	3,600	380,000	5.0 U	4.9 U	5.9 U	R	5.6 U	5.7 U	8.6 U	5.6 U
1,3,5-Trimethylbenzene	8,400	8,400	380,000	5.0 U	4.9 U	5.9 U	R	5.6 U	5.7 U	8.6 U	5.6 U
Toluene	700	700	1,000,000	5.0 U	4.9 U	5.9 U	R	5.6 U	5.7 U	8.6 U	5.6 U
m,p-Xylene	260	1,600	1,000,000	5.0 U	4.9 U	5.9 U	R	5.6 U	5.7 U	8.6 U	5.6 U
o-Xylene	260	1,600	1,000,000	5.0 U	4.9 U	5.9 U	R	5.6 U	5.7 U	8.6 U	5.6 U
Isopropylbenzene	--	--	--	5.0 U	4.9 U	5.9 U	R	5.6 U	5.7 U	8.6 U	5.6 U
Methylene Chloride	50	50	1,000,000	5.0 U	4.9 U	5.9 U	R	5.6 U	5.7 U	8.6 U	5.6 U
Naphthalene	12,000	12,000	1,000,000	5.0 U	4.9 U	5.9 U	**24 J**	5.6 U	5.7 U	8.6 U	5.6 U
Tetrachloroethene	1,300	1,300	300,000	5.0 U	4.9 U	5.9 U	R	5.6 U	5.7 U	8.6 U	5.6 U
Trichloroethene	470	470	400,000	5.0 U	**3.7 J**	5.9 U	R	5.6 U	5.7 U	8.6 U	5.6 U

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed
R - The data is unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 3
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS - DETECTED VOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	TW-13 1'-4' bgs 5/27/2014 SOIL µg/kg	TW-13 10'-12' bgs 5/27/2014 SOIL µg/kg	TW-18 0'-4' bgs 5/27/2014 SOIL µg/kg	TW-18 5'-7' bgs 5/27/2014 SOIL µg/kg	TW-18 11'-12' bgs 5/27/2014 SOIL µg/kg	TW-25 7'-8' bgs 5/28/2014 SOIL µg/kg	TW-25 10'-12' bgs 5/28/2014 SOIL µg/kg	TW-25 4.5'-6.5' bgs 5/28/2014 SOIL µg/kg
VOCs											
1,1-Dichloroethane	270	270	480,000	5.5 UJ	24 UJ	6.2 U	29 U	9.5 U	7.0 U	14 U	6.6 U
2-Butanone (MEK)	120	120	1,000,000	R	R	R	**66 J**	R	**49 J**	R	R
Acetone	50	50	1,000,000	R	**68 J**	R	**350 J**	**5.7 J**	**150 J**	**18 J**	R
Benzene	60	60	89,000	5.5 U	24 U	6.2 U	29 U	9.5 U	7.0 U	14 U	6.6 U
cis-1,2-Dichloroethene	250	250	1,000,000	5.5 U	24 U	6.2 U	29 U	9.5 U	7.0 U	14 U	6.6 U
Ethyl Benzene	1,000	1,000	780,000	5.5 U	24 U	6.2 U	29 U	9.5 U	7.0 U	14 U	6.6 U
1,2,4-Trimethylbenzene	3,600	3,600	380,000	5.5 U	24 U	6.2 U	29 U	9.5 U	7.0 U	14 U	6.6 U
1,3,5-Trimethylbenzene	8,400	8,400	380,000	5.5 U	24 U	6.2 U	29 U	9.5 U	7.0 U	14 U	6.6 U
Toluene	700	700	1,000,000	5.5 U	24 U	6.2 U	29 U	9.5 U	7.0 U	14 U	6.6 U
m,p-Xylene	260	1,600	1,000,000	5.5 U	24 U	6.2 U	29 U	9.5 U	7.0 U	14 U	6.6 U
o-Xylene	260	1,600	1,000,000	5.5 U	24 U	6.2 U	29 U	9.5 U	7.0 U	14 U	6.6 U
Isopropylbenzene	--	--	--	5.5 U	24 U	6.2 U	29 U	9.5 U	7.0 U	14 U	6.6 U
Methylene Chloride	50	50	1,000,000	5.5 U	24 U	6.2 U	29 U	9.5 U	7.0 U	14 U	6.6 U
Naphthalene	12,000	12,000	1,000,000	5.5 U	24 U	6.2 U	29 U	9.5 U	7.0 U	14 U	6.6 U
Tetrachloroethene	1,300	1,300	300,000	5.5 U	24 U	6.2 U	29 U	9.5 U	7.0 U	14 U	6.6 U
Trichloroethene	470	470	400,000	5.5 U	24 U	6.2 U	29 U	9.5 U	7.0 U	14 U	6.6 U

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed
R - The data is unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 3
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS - DETECTED VOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	TW-30 1.5'-3.5' bgs 5/29/2014 SOIL µg/kg	TW-30 6'-8' bgs 5/29/2014 SOIL µg/kg	TW-30 10'-12' bgs 5/29/2014 SOIL µg/kg	TW-30 13'-14' bgs 5/29/2014 SOIL µg/kg	TW-33 0'-2.5' bgs 5/29/2014 SOIL µg/kg	TW-33 3'-4' bgs 5/29/2014 SOIL µg/kg	TW-33 7'-8' bgs 5/29/2014 SOIL µg/kg	TW-33 11'-12' bgs 5/29/2014 SOIL µg/kg
VOCs											
1,1-Dichloroethane	270	270	480,000	5.4 U	16 U	16 U	27 U	5.1 U	5.4 U	28 U	26 U
2-Butanone (MEK)	120	120	1,000,000	**2.8 J**	**71 J**	R	R	R	R	R	R
Acetone	50	50	1,000,000	**11 J**	**240 J**	**33** J	**130 J**	5.1 U	**8.1 J**	**100 J**	**120 J**
Benzene	60	60	89,000	5.4 U	16 U	16 U	27 U	5.1 U	5.4 U	28 U	26 U
cis-1,2-Dichloroethene	250	250	1,000,000	5.4 U	16 U	16 U	27 U	5.1 U	5.4 U	28 U	26 U
Ethyl Benzene	1,000	1,000	780,000	5.4 U	16 U	16 U	27 U	5.1 U	5.4 U	28 U	26 U
1,2,4-Trimethylbenzene	3,600	3,600	380,000	5.4 UJ	16 UJ	16 UJ	27 U	5.1 UJ	5.4 UJ	28 U	26 U
1,3,5-Trimethylbenzene	8,400	8,400	380,000	5.4 UJ	16 UJ	16 UJ	27 U	5.1 UJ	5.4 UJ	28 U	26 U
Toluene	700	700	1,000,000	5.4 U	16 U	16 U	27 U	5.1 U	5.4 U	28 U	26 U
m,p-Xylene	260	1,600	1,000,000	5.4 U	16 U	16 U	27 U	5.1 U	5.4 U	28 U	26 U
o-Xylene	260	1,600	1,000,000	5.4 U	16 U	16 U	27 U	5.1 U	5.4 U	28 U	26 U
Isopropylbenzene	--	--	--	5.4 U	16 U	16 U	27 U	5.1 U	5.4 U	28 U	26 U
Methylene Chloride	50	50	1,000,000	5.4 U	16 U	16 U	27 U	5.1 U	**2.3 J**	28 U	26 U
Naphthalene	12,000	12,000	1,000,000	5.4 U	16 U	16 U	27 U	5.1 U	5.4 U	28 U	26 U
Tetrachloroethene	1,300	1,300	300,000	5.4 U	16 U	16 U	27 U	5.1 U	5.4 U	28 U	26 U
Trichloroethene	470	470	400,000	5.4 U	16 U	16 U	27 U	5.1 U	5.4 U	28 U	26 U

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed
R - The data is unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 3
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS - DETECTED VOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	TW-37 3'-5' bgs 5/28/2014 SOIL µg/kg	TW-37 8'-10' bgs 5/28/2014 SOIL µg/kg	TW-37 11'-12' bgs 5/28/2014 SOIL µg/kg	TW-41 0'-1' bgs 5/20/2014 SOIL µg/kg	TW-41 3.5'-4.5' bgs 5/20/2014 SOIL µg/kg	TW-41 5.5'-6.5' bgs 5/20/2014 SOIL µg/kg	TW-41 11'-12' bgs 5/20/2014 SOIL µg/kg	TW-51 0'-1' bgs 5/21/2014 SOIL µg/kg
VOCs											
1,1-Dichloroethane	270	270	480,000	5.4 U	14 U	31 U	5.7 UJ	14 UJ	12 U	12 U	5.6 U
2-Butanone (MEK)	120	120	1,000,000	**13 J**	**37 J**	R	R	R	**28 J**	R	R
Acetone	50	50	1,000,000	**46 J**	**120 J**	**77 J**	R	R	**90 J**	**22 J**	R
Benzene	60	60	89,000	5.4 U	14 U	31 U	5.7 UJ	14 UJ	12 U	12 U	5.6 U
cis-1,2-Dichloroethene	250	250	1,000,000	5.4 U	14 U	31 U	5.7 UJ	14 UJ	12 U	12 U	5.6 U
Ethyl Benzene	1,000	1,000	780,000	5.4 U	14 U	31 U	5.7 UJ	14 UJ	12 U	12 U	5.6 U
1,2,4-Trimethylbenzene	3,600	3,600	380,000	5.4 U	14 U	31 U	5.7 UJ	14 UJ	12 U	12 U	5.6 U
1,3,5-Trimethylbenzene	8,400	8,400	380,000	5.4 U	14 U	31 U	5.7 UJ	14 UJ	12 U	12 U	5.6 U
Toluene	700	700	1,000,000	5.4 U	14 U	31 U	5.7 UJ	14 UJ	12 U	12 U	5.6 U
m,p-Xylene	260	1,600	1,000,000	5.4 U	14 U	31 U	5.7 UJ	14 UJ	12 U	12 U	5.6 U
o-Xylene	260	1,600	1,000,000	5.4 U	14 U	31 U	5.7 UJ	14 UJ	12 U	12 U	5.6 U
Isopropylbenzene	--	--	--	5.4 U	14 U	31 U	5.7 UJ	14 UJ	12 U	12 U	5.6 U
Methylene Chloride	50	50	1,000,000	5.4 U	14 U	31 U	5.7 UJ	14 UJ	12 U	12 U	5.6 U
Naphthalene	12,000	12,000	1,000,000	5.4 U	14 UJ	31 U	5.7 UJ	14 UJ	12 U	12 UJ	5.6 U
Tetrachloroethene	1,300	1,300	300,000	5.4 U	14 U	31 U	5.7 UJ	14 UJ	12 U	12 U	5.6 U
Trichloroethene	470	470	400,000	5.4 U	14 U	31 U	5.7 UJ	14 UJ	12 U	12 U	5.6 U

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed
R - The data is unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 3
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS - DETECTED VOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	TW-51 4.5'-5.5' bgs 5/21/2014 SOIL µg/kg	TW-51 5.5'-6.5' bgs 5/21/2014 SOIL µg/kg	TW-51 11'-12' bgs 5/21/2014 SOIL µg/kg	TW-57 2.5'-3.5' bgs 5/21/2014 SOIL µg/kg	TW-57 10.8'-11.8' bgs 5/21/2014 SOIL µg/kg	TW-57 14.8'-15.8' bgs 5/21/2014 SOIL µg/kg	TW-62 11'-12' bgs 5/22/2014 SOIL µg/kg	TW-62 6.5'-7.5' bgs 5/22/2014 SOIL µg/kg
VOCs											
1,1-Dichloroethane	270	270	480,000	5.2 U	6.1 U	28 UJ	5.6 UJ	**37,000**	**1,500**	9.5 U	5.8 U
2-Butanone (MEK)	120	120	1,000,000	**5.6 J**	**4.6 J**	**19 J**	R	R	R	**28 J**	R
Acetone	50	50	1,000,000	**31 J**	**20 J**	**150 J**	R	R	R	**120 J**	R
Benzene	60	60	89,000	5.2 U	6.1 U	28 UJ	5.6 UJ	2,800 U	700 U	9.5 U	5.8 U
cis-1,2-Dichloroethene	250	250	1,000,000	5.2 U	6.1 U	28 UJ	5.6 UJ	2,800 U	700 U	9.5 U	5.8 U
Ethyl Benzene	1,000	1,000	780,000	5.2 U	6.1 U	28 UJ	5.6 UJ	2,800 U	700 U	9.5 U	5.8 U
1,2,4-Trimethylbenzene	3,600	3,600	380,000	5.2 U	6.1 U	28 UJ	5.6 UJ	2,800 U	700 U	9.5 U	5.8 U
1,3,5-Trimethylbenzene	8,400	8,400	380,000	5.2 U	6.1 U	28 UJ	5.6 UJ	2,800 U	700 U	9.5 U	5.8 U
Toluene	700	700	1,000,000	5.2 U	6.1 U	28 UJ	5.6 UJ	2,800 U	700 U	9.5 U	5.8 U
m,p-Xylene	260	1,600	1,000,000	5.2 U	6.1 U	28 UJ	5.6 UJ	2,800 U	700 U	9.5 U	5.8 U
o-Xylene	260	1,600	1,000,000	5.2 U	6.1 U	28 UJ	5.6 UJ	2,800 U	700 U	9.5 U	5.8 U
Isopropylbenzene	--	--	--	5.2 U	6.1 U	28 UJ	5.6 UJ	2,800 U	700 U	9.5 U	5.8 U
Methylene Chloride	50	50	1,000,000	5.2 U	6.1 U	28 UJ	5.6 UJ	2,800 U	700 U	9.5 U	5.8 U
Naphthalene	12,000	12,000	1,000,000	5.2 U	6.1 U	28 UJ	5.6 UJ	2,800 U	700 U	9.5 U	5.8 UJ
Tetrachloroethene	1,300	1,300	300,000	5.2 U	6.1 U	28 UJ	5.6 UJ	2,800 U	700 U	9.5 U	5.8 U
Trichloroethene	470	470	400,000	5.2 U	6.1 U	28 UJ	5.6 UJ	2,800 U	700 U	9.5 U	5.8 U

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed
R - The data is unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 3
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS - DETECTED VOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	TW-62 2.5'-3.5' bgs 5/22/2014 SOIL µg/kg
VOCs				
1,1-Dichloroethane	270	270	480,000	5.1 U
2-Butanone (MEK)	120	120	1,000,000	R
Acetone	50	50	1,000,000	R
Benzene	60	60	89,000	5.1 U
cis-1,2-Dichloroethene	250	250	1,000,000	5.1 U
Ethyl Benzene	1,000	1,000	780,000	5.1 U
1,2,4-Trimethylbenzene	3,600	3,600	380,000	5.1 U
1,3,5-Trimethylbenzene	8,400	8,400	380,000	5.1 U
Toluene	700	700	1,000,000	5.1 U
m,p-Xylene	260	1,600	1,000,000	5.1 U
o-Xylene	260	1,600	1,000,000	5.1 U
Isopropylbenzene	--	--	--	5.1 U
Methylene Chloride	50	50	1,000,000	5.1 U
Naphthalene	12,000	12,000	1,000,000	5.1 U
Tetrachloroethene	1,300	1,300	300,000	5.1 U
Trichloroethene	470	470	400,000	5.1 U

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed
R - The data is unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 4
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS - DETECTED SVOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	SDP-1 5/20/2014 SOIL µg/kg	SDP-2 5/20/2014 SOIL µg/kg	SDP-3 5/20/2014 SOIL µg/kg	SDP-4 5/20/2014 SOIL µg/kg	SDP-5 5/20/2014 SOIL µg/kg	SDP-6 5/20/2014 SOIL µg/kg	SDP-7 5/20/2014 SOIL µg/kg	SDP-8 5/20/2014 SOIL µg/kg	SDP-9 5/20/2014 SOIL µg/kg	SDP-10 5/20/2014 SOIL µg/kg	SDP-11 5/20/2014 SOIL µg/kg
SVOCs														
2-Methylnaphthalene	--	--	--	360 U	420 U	400 U	370 U	390 U	380 U	440 U	650 U	480 U	400 U	370 U
4-Methylphenol	--	--	--	360 U	420 U	400 U	370 U	390 U	380 U	440 U	650 U	480 U	400 U	370 U
4-Nitroaniline	--	--	--	740 U	860 U	810 U	750 U	800 U	770 U	900 U	1,300 U	970 U	810 U	740 U
4-Nitrophenol	--	--	--	740 U	860 U	810 U	750 U	800 U	770 U	900 U	1,300 U	970 U	810 U	740 U
Acenaphthene	20,000	98,000	1,000,000	360 U	420 U	400 U	370 U	**86 J**	**120 J**	440 U	650 U	480 U	400 U	370 U
Acenaphthylene	100,000	107,000	1,000,000	360 U	420 U	400 U	370 U	**230 J**	**130 J**	440 U	**350 J**	**310 J**	**96 J**	**190 J**
Anthracene	100,000	1,000,000	1,000,000	**110 J**	420 U	400 U	**270 J**	**430**	**560**	**90 J**	**440 J**	**370 J**	**150 J**	**300 J**
Benzo(a)anthracene	1,000	1,000	11,000	**580**	420 U	**210 J**	**1,100**	**1,400**	**1,900**	**190 J**	**1,200**	**880**	**470**	**1,100**
Benzo(a)pyrene	1,000	22,000	1,100	**590**	420 U	**200 J**	**1,200**	**1,500**	**2,000**	**210 J**	**1,700**	**1,100**	**500**	**1,400**
Benzo(b)fluoranthene	1,000	1,700	11,000	**810**	**100 J**	**260 J**	**1,700**	**2,400**	**2,800**	**350 J**	**2,400**	**1,600**	**780**	**2,200**
Benzo(g,h,i)perylene	100,000	1,000,000	1,000,000	**430**	**320 J**	**130 J**	**870**	**1,300**	**1,400**	**200 J**	**1,400**	**920**	**380 J**	**1,200**
Benzo(k)fluoranthene	800	1,700	110,000	**380**	**170 J**	**120 J**	**610**	**760**	**1,200**	**120 J**	**1,100**	**440 J**	**290 J**	**680**
Bis(2-chloroethoxy)methane	--	--	--	360 U	420 U	400 U	370 U	390 U	380 U	440 U	650 U	480 U	400 U	370 U
Bis(2-chloroethyl)ether	--	--	--	360 UJ	420 UJ	400 UJ	370 UJ	390 UJ	380 UJ	440 UJ	650 UJ	480 UJ	400 UJ	370 UJ
Bis(2-ethylhexyl)phthalate	--	--	--	360 U	420 U	400 U	370 U	390 U	380 U	440 U	650 U	480 U	400 U	**5,700 B**
Butylbenzylphthalate	--	--	--	360 U	420 U	400 U	370 U	**90 J**	**93 J**	440 U	650 U	480 U	400 U	370 U
Carbazole	--	--	--	360 U	420 U	400 U	**94 J**	**140 J**	**190 J**	440 U	650 U	480 U	400 U	370 U
Chrysene	1,000	1,000	110,000	**660**	**140 J**	**230 J**	**1,300**	**1,600**	**2,100**	**260 J**	**1,600**	**950**	**610**	**1,500**
Di-n-butylphthalate	--	--	--	360 U	420 U	400 U	370 U	390 U	380 U	440 U	650 U	480 U	400 U	370 U
Di-n-octylphthalate	--	--	--	360 U	420 U	400 U	370 U	390 U	380 U	440 U	650 U	480 U	400 U	370 U
Dibenzo(a,h)anthracene	330	1,000,000	1,100	**100 J**	420 U	400 U	200 J	**370 J**	**420**	440 U	**450 J**	**180 J**	400 U	**220 J**
Dibenzofuran	--	--	--	360 U	420 U	400 U	370 U	390 U	380 U	440 U	650 U	480 U	400 U	370 U
Dimethylphthalate	--	--	--	360 U	420 U	400 U	370 U	390 U	380 U	440 U	650 U	480 U	**3,500**	370 U
Fluoranthene	100,000	1,000,000	1,000,000	**990**	420 U	**380 J**	**2,500**	**2,700**	**4,300**	**380 J**	**1,600**	**1,400**	**950**	**1,900**
Fluorene	30,000	386,000	1,000,000	360 U	420 U	400 U	370 U	**140 J**	**160 J**	440 U	650 U	480 U	400 U	370 U
Indeno(1,2,3-cd)pyrene	500	8,200	11,000	**380**	**200 J**	**150 J**	**970**	**1,300**	**1,500**	**200 J**	**1,400**	**900**	**440**	**1,200**
Naphthalene	12,000	12,000	1,000,000	360 U	420 U	400 U	370 U	390 U	380 U	440 U	650 U	480 U	400 U	370 U
Phenanthrene	100,000	1,000,000	1,000,000	**380**	420 U	**210 J**	**1,200**	**1,400**	**2,100**	**140 J**	**400 J**	**450 J**	**380 J**	**570**
Phenol	330	330	1,000,000	360 U	420 U	400 U	370 U	390 U	380 U	440 U	650 U	480 U	400 U	370 U
Pyrene	100,000	1,000,000	1,000,000	**880**	420 U	**340 J**	**2,000**	**2,100**	**3,200**	**310 J**	**1,600**	**1,200**	**760**	**1,500**

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.
- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
R - The data is unusable.
D - Sample Diluted
B - The compound was also detected in the associated method blank
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 4
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS - DETECTED SVOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	SDP-12 5/20/2014 SOIL µg/kg	SDP-13 5/20/2014 SOIL µg/kg	SDP-14 5/20/2014 SOIL µg/kg	SB-2 2.3'-3.3' bgs 5/23/2014 SOIL µg/kg	SB-3 0'-7' bgs 5/23/2014 SOIL µg/kg	SB-4 0'-2.5' bgs 5/23/2014 SOIL µg/kg	SB-4 4'-6.5' bgs 5/23/2014 SOIL µg/kg	SB-5 0'-4.5' bgs 5/23/2014 SOIL µg/kg	SB-6 1'-3' bgs 5/27/2014 SOIL µg/kg	SB-6 6'-8' bgs 5/27/2014 SOIL µg/kg	SB-7 0'-1' bgs 5/22/2014 SOIL µg/kg	SB-7 6.5'-7.5' bgs 5/23/2014 SOIL µg/kg	SB-8 3'-4' bgs 5/23/2014 SOIL µg/kg
SVOCs																
2-Methylnaphthalene	--	--	--	**220 J**	410 U	350 U	400 U	350 U	360 U	400 U	410 U	370 U	400 U	360 U	370 U	380 U
4-Methylphenol	--	--	--	390 U	410 U	350 U	400 U	350 U	360 U	400 U	410 U	370 U	400 U	360 U	370 U	380 U
4-Nitroaniline	--	--	--	780 U	820 U	720 U	810 U	710 U	720 U	810 U	840 U	750 U	820 U	740 U	760 U	780 U
4-Nitrophenol	--	--	--	780 U	820 U	720 U	810 U	710 U	720 U	810 U	840 U	750 U	820 U	740 U	760 U	780 U
Acenaphthene	20,000	98,000	1,000,000	**680**	**86 J**	**88 J**	400 U	350 U	360 U	400 U	410 U	370 U	400 U	360 U	370 U	380 U
Acenaphthylene	100,000	107,000	1,000,000	**2,600**	**590**	**1,000**	400 U	350 U	360 U	400 U	410 U	370 U	400 U	360 U	**190 J**	380 U
Anthracene	100,000	1,000,000	1,000,000	**4,300**	**700**	**1,000**	400 U	350 U	360 U	**100 J**	410 U	**290 J**	400 U	**140 J**	**340 J**	380 U
Benzo(a)anthracene	1,000	1,000	11,000	**7,200 D**	**1,400**	**2,300**	**260 J**	**85 J**	**210 J**	**2,600**	**190 J**	**7,400 D**	400 U	**340 J**	**800**	**82 J**
Benzo(a)pyrene	1,000	22,000	1,100	**6,500 D**	**1,500**	**2,300**	**400**	**94 J**	**230 J**	**3,800**	**240 J**	**12,000 D**	400 U	**420**	**880**	**93 J**
Benzo(b)fluoranthene	1,000	1,700	11,000	**8,000 D**	**2,100**	**3,300**	**730**	**120 J**	**300 J**	**6,200**	**390 J**	**18,000 D**	400 U	**590**	**1,300**	**150 J**
Benzo(g,h,i)perylene	100,000	1,000,000	1,000,000	**3,300**	**900**	**1,400**	**440**	350 U	**150 J**	**3,300**	**180 J**	**12,000 D**	400 U	**400**	**620**	380 U
Benzo(k)fluoranthene	800	1,700	110,000	**3,400**	**680**	**1,000**	**220 J**	350 U	**150 J**	**1,900**	**120 J**	**9,500 D**	400 U	**190 J**	**380**	380 U
Bis(2-chloroethoxy)methane	--	--	--	390 U	410 U	350 U	400 U	350 U	360 U	400 U	410 U	370 U	400 U	360 U	370 U	380 U
Bis(2-chloroethyl)ether	--	--	--	390 UJ	410 UJ	350 UJ	400 U	350 U	360 U	400 U	410 U	370 U	400 U	360 U	370 U	380 U
Bis(2-ethylhexyl)phthalate	--	--	--	390 U	410 U	350 U	400 U	350 U	**79 J**	400 U	410 U	370 U	400 U	360 U	**150 J**	380 U
Butylbenzylphthalate	--	--	--	390 U	410 U	350 U	400 U	350 U	360 U	400 U	410 U	370 U	400 U	360 U	370 U	380 U
Carbazole	--	--	--	**590**	410 U	**170 J**	400 U	350 U	360 U	**130 J**	410 U	**450**	400 U	360 U	**95 J**	380 U
Chrysene	1,000	1,000	110,000	**7,600 D**	**1,700**	**2,300**	**380 J**	**110 J**	**250 J**	**3,600**	**240 J**	**13,000 D**	400 U	**400**	**940**	**93 J**
Di-n-butylphthalate	--	--	--	390 U	410 U	350 U	400 U	350 U	360 U	400 U	410 U	370 U	400 U	360 U	370 U	380 U
Di-n-octylphthalate	--	--	--	390 U	410 U	350 U	400 U	350 U	360 U	400 U	410 U	370 U	400 U	360 U	370 U	380 U
Dibenzo(a,h)anthracene	330	1,000,000	1,100	**1,400**	**270 J**	**310 J**	**130 J**	350 U	360 U	**880**	410 U	**2,300 D**	400 U	360 U	**120 J**	380 U
Dibenzofuran	--	--	--	**540**	410 U	350 U	400 U	350 U	360 U	400 U	410 U	370 U	400 U	360 U	370 U	380 U
Dimethylphthalate	--	--	--	390 U	410 U	350 U	400 U	350 U	360 U	400 U	410 U	370 U	400 U	360 U	370 U	380 U
Fluoranthene	100,000	1,000,000	1,000,000	**14,000 D**	**2,800**	**4,100**	**240 J**	**130 J**	**310 J**	**3,200**	**250 J**	**8,900 D**	400 U	**640**	**1900**	**90 J**
Fluorene	30,000	386,000	1,000,000	**1,600**	**160 J**	**220 J**	400 U	350 U	360 U	400 U	410 U	370 U	400 U	360 U	**110 J**	380 U
Indeno(1,2,3-cd)pyrene	500	8,200	11,000	**4,000**	**970**	**1,500**	**440**	**72 J**	**160 J**	**3,300**	**200 J**	**11,000 D**	400 U	**330 J**	**610**	**80 J**
Naphthalene	12,000	12,000	1,000,000	**85 J**	410 U	**99 J**	400 U	350 U	360 U	400 U	410 U	370 U	400 U	360 U	370 U	380 U
Phenanthrene	100,000	1,000,000	1,000,000	**9,600 D**	**1,100**	**1,700**	400 U	350 U	**150 J**	**900**	**110 J**	**2,200**	400 U	**250 J**	**910**	380 U
Phenol	330	330	1,000,000	390 U	410 U	350 U	400 U	350 U	360 U	400 U	410 U	370 U	400 U	360 U	370 U	380 U
Pyrene	100,000	1,000,000	1,000,000	**12,000 D**	**2,300**	**3,400**	**230 J**	**110 J**	**250 J**	**2,800**	**210 J**	**7,900 D**	**180 J**	**520**	**1600**	**90 J**

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.
- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
R - The data is unusable.
D - Sample Diluted
B - The compound was also detected in the associated method blank
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 4
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS - DETECTED SVOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	SB-8 6'-7' bgs 5/23/2014 SOIL µg/kg	SB-9 0'-3.8' bgs 5/23/2014 SOIL µg/kg	SB-10 0'-1.5' bgs 5/27/2014 SOIL µg/kg	SB-10 2.5'-4' bgs 5/27/2014 SOIL µg/kg	DUPLICATE 5/27/14 5/27/2014 SOIL µg/kg	SB-11 1'-3' bgs 5/27/2014 SOIL µg/kg	SB-11 6'-8' bgs 5/27/2014 SOIL µg/kg	SB-12 0'-3.5' bgs 5/23/2014 SOIL µg/kg	SB-14 1'-3' bgs 5/27/2014 SOIL µg/kg	SB-14 6'-8' bgs 5/27/2014 SOIL µg/kg	SB-15 0'-4' bgs 5/27/2014 SOIL µg/kg	SB-15 5'-7' bgs 5/27/2014 SOIL µg/kg	SB-16 0'-5' bgs 5/27/2014 SOIL µg/kg
SVOCs																
2-Methylnaphthalene	--	--	--	430 U	390 U	**200 J**	380 U	380 U	380 U	790 U	370 U	390 U	540 U	390 U	520 U	350 U
4-Methylphenol	--	--	--	430 U	390 U	360 U	380 U	380 U	380 U	790 U	370 U	390 U	540 U	390 U	520 U	350 U
4-Nitroaniline	--	--	--	870 U	790 U	730 U	760 U	770 U	780 U	1m600 U	740 U	800 U	1100 U	800 U	1000 U	700 U
4-Nitrophenol	--	--	--	870 U	790 U	730 U	760 U	770 U	780 U	1m600 U	740 U	800 U	1100 U	800 U	1000 U	700 U
Acenaphthene	20,000	98,000	1,000,000	430 U	390 U	**540**	380 U	380 U	380 U	790 U	370 U	390 U	540 U	390 U	520 U	350 U
Acenaphthylene	100,000	107,000	1,000,000	430 U	**320 J**	**170 J**	380 U	380 U	380 U	790 U	370 U	390 U	540 U	390 U	520 U	350 U
Anthracene	100,000	1,000,000	1,000,000	430 U	**570**	**1,300**	380 U	380 U	**130 J**	790 U	370 U	**130 J**	540 U	**200 J**	520 U	**250 J**
Benzo(a)anthracene	1,000	1,000	11,000	**200 J**	**1,600**	**2,400**	380 U	380 U	**2,000**	790 U	**1,100**	**3,200**	**2,700**	**2,400**	520 U	**1,200**
Benzo(a)pyrene	1,000	22,000	1,100	**230 J**	**1,800**	**2,000**	380 U	380 U	**2,700**	790 U	**1,400**	**4,100**	**3,600**	**3,300**	520 U	**1,200**
Benzo(b)fluoranthene	1,000	1,700	11,000	**320 J**	**2,700**	**2,700**	**170 J**	380 U	**4,400**	790 U	**2,500**	**5,700 D**	**6,500**	**5,800**	520 U	**2,100**
Benzo(g,h,i)perylene	100,000	1,000,000	1,000,000	**190 J**	**1,100**	**1,000**	380 U	380 U	**2,500**	790 U	**1,200**	**3,500**	**2,900**	**3,100**	520 U	**990**
Benzo(k)fluoranthene	800	1,700	110,000	**120 J**	**850**	**1,300**	380 U	380 U	**1,700**	790 U	**740**	**2,100**	**1,600**	**1,700**	520 U	**670**
Bis(2-chloroethoxy)methane	--	--	--	430 U	390 U	360 U	380 U	380 U	380 U	790 U	370 U	390 U	540 U	390 U	520 U	350 U
Bis(2-chloroethyl)ether	--	--	--	430 U	390 U	360 U	380 U	380 U	380 U	790 U	370 U	390 U	540 U	390 U	520 U	350 U
Bis(2-ethylhexyl)phthalate	--	--	--	430 U	**130 J**	**98 J**	380 U	380 U	380 U	790 U	**76 J**	390 U	540 U	390 U	520 U	350 U
Butylbenzylphthalate	--	--	--	430 U	390 U	360 U	380 U	380 U	380 U	790 U	370 U	390 U	540 U	390 U	520 U	350 U
Carbazole	--	--	--	430 U	**92 J**	**410**	380 U	380 U	**120 J**	790 U	370 U	**150 J**	**160 J**	**170 J**	520 U	**100 J**
Chrysene	1,000	1,000	110,000	**250 J**	**1,800**	**2,500**	**99 J**	380 U	**2,800**	790 U	**1,500**	**4,300**	**4,000**	**3,400**	520 U	**1,400**
Di-n-butylphthalate	--	--	--	430 U	390 U	360 U	380 U	380 U	380 U	790 U	370 U	390 U	540 U	390 U	520 U	350 U
Di-n-octylphthalate	--	--	--	430 U	390 U	360 U	380 U	380 U	380 U	790 U	370 U	390 U	540 U	390 U	520 U	350 U
Dibenzo(a,h)anthracene	330	1,000,000	1,100	430 U	**240 J**	**440**	380 U	380 U	**910**	790 U	**400**	**1,300**	**1,000**	**1,000**	520 U	300 J
Dibenzofuran	--	--	--	430 U	390 U	**400**	380 U	380 U	380 U	790 U	370 U	390 U	540 U	390 U	520 U	350 U
Dimethylphthalate	--	--	--	430 U	390 U	360 U	380 U	380 U	380 U	790 U	370 U	390 U	540 U	390 U	520 U	350 U
Fluoranthene	100,000	1,000,000	1,000,000	**420 J**	**3,200**	**5,800**	380 U	380 U	**2,300**	790 U	**1,100**	**3,500**	**3,200**	**2,900**	**160 J**	**1,900**
Fluorene	30,000	386,000	1,000,000	430 U	**120 J**	**660**	380 U	380 U	380 U	790 U	370 U	390 U	540 U	390 U	**230 J**	350 U
Indeno(1,2,3-cd)pyrene	500	8,200	11,000	**190 J**	**1,200**	**1,200**	380 U	380 U	**2,600**	790 U	**1,100**	**3,700**	**3,100**	**3,000**	520 U	**1,100**
Naphthalene	12,000	12,000	1,000,000	430 U	390 U	**260 J**	380 U	380 U	380 U	790 U	370 U	390 U	540 U	390 U	520 U	350 U
Phenanthrene	100,000	1,000,000	1,000,000	**310 J**	**1,100**	**5,100**	380 U	380 U	**900**	790 U	**270 J**	**820**	**810**	**1,000**	**310 J**	**870**
Phenol	330	330	1,000,000	430 U	390 U	360 U	380 U	380 U	380 U	790 U	370 U	390 U	540 U	390 U	520 U	350 U
Pyrene	100,000	1,000,000	1,000,000	**340 J**	**2,700**	**4,300**	380 U	380 U	**2,300**	790 U	**910**	**2,900**	**2,700**	**2,600**	**270 J**	**1,500**

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
R - The data is unusable.
D - Sample Diluted
B - The compound was also detected in the associated method blank
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 4
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS - DETECTED SVOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	SB-17 0'-4' bgs 5/27/2014 SOIL µg/kg	SB-19 0'-3.5' bgs 5/27/2014 SOIL µg/kg	SB-20 0'-3' bgs 5/27/2014 SOIL µg/kg	SB-21 0'-3.5 bgs 5/27/2014 SOIL µg/kg	SB-23 0'-3.5' bgs 5/27/2014 SOIL µg/kg	SB-24 0'-2.8' bgs 5/27/2014 SOIL µg/kg	DUPLICATE 5/28/14 5/28/2014 SOIL µg/kg	SB-26 0'-3' bgs 5/28/2014 SOIL µg/kg	SB-27 0'-4' bgs 5/28/2014 SOIL µg/kg	SB-28 0'-2' bgs 5/28/2014 SOIL µg/kg	SB-28 3'-5 bgs 5/28/2014 SOIL µg/kg	SB-29 0'-2.5' bgs 5/28/2014 SOIL µg/kg	SB-29 2.5'-4.5' bgs 5/28/2014 SOIL µg/kg
SVOCs																
2-Methylnaphthalene	--	--	--	450 U	**200 J**	**1,500**	400 U	**5,500**	420 U	380 U	410 U	**180 J**	**85 J**	450 U	400 U	440 U
4-Methylphenol	--	--	--	450 U	440 U	**120 J**	400 U	**480**	420 U	380 U	410 U	410 U	400 U	450 U	400 U	440 U
4-Nitroaniline	--	--	--	920 U	890 U	760 U	810 U	760 U	840 U	760 U	820 U	840 U	820 U	900 U	810 U	890 U
4-Nitrophenol	--	--	--	920 U	890 U	760 U	810 U	760 U	840 U	760 U	820 U	840 U	820 U	900 U	810 U	890 U
Acenaphthene	20,000	98,000	1,000,000	450 U	**990**	**4,800**	400 U	**13,000 DJ**	**84 J**	**78 J**	410 U	410 U	400 U	450 U	**140 J**	440 U
Acenaphthylene	100,000	107,000	1,000,000	450 U	**1,400**	**300 J**	400 U	**810**	**250 J**	**270 J**	410 U	**100 J**	**300 J**	450 U	**120 J**	440 U
Anthracene	100,000	1,000,000	1,000,000	**140 J**	**6,500**	**12,000 D**	**130 J**	**41,000 D**	**420**	**480**	410 U	**180 J**	**370 J**	**220 J**	**460**	440 U
Benzo(a)anthracene	1,000	1,000	11,000	**1,500**	**11,000 D**	**22,000 D**	**430**	**70,000 D**	**1,400**	**1,500**	410 U	**630**	**1,200**	**770**	**1,200**	440 U
Benzo(a)pyrene	1,000	22,000	1,100	**2,100**	**9,000 D**	**18,000 D**	**490**	**53,000 D**	**1,600**	**1,700**	410 U	**610**	**1,200**	**850**	**1,100**	440 U
Benzo(b)fluoranthene	1,000	1,700	11,000	**3,500**	**11,000 D**	**23,000 D**	**560**	**61,000 D**	**2,100**	**1,900**	410 U	**930**	**1,600**	**1,100**	**1,600**	440 U
Benzo(g,h,i)perylene	100,000	1,000,000	1,000,000	**1,900**	**5,600**	**8,600 D**	**350 J**	**25,000 D**	**1,300**	**1,200**	410 U	**440**	**870**	**580**	**790**	440 U
Benzo(k)fluoranthene	800	1,700	110,000	**1,400**	**5,300**	**13,000 D**	**370 J**	**44,000 D**	**980**	**1,300**	410 UJ	**300 J**	**820 J**	**400 J**	**610 J**	440 UJ
Bis(2-chloroethoxy)methane	--	--	--	450 U	440 U	370 U	400 U	370 U	420 U	380 U	410 U	410 U	400 U	450 U	400 U	440 U
Bis(2-chloroethyl)ether	--	--	--	450 U	440 U	370 U	400 U	370 U	420 U	380 U	410 U	410 U	400 U	450 U	400 U	440 U
Bis(2-ethylhexyl)phthalate	--	--	--	450 U	**320 J**	370 U	400 U	370 U	**130 J**	**110 J**	410 U	**130 J**	400 U	**100 J**	**130 J**	**110 J**
Butylbenzylphthalate	--	--	--	450 U	440 U	370 U	400 U	370 U	420 U	380 U	410 U	410 U	400 U	450 U	400 U	440 U
Carbazole	--	--	--	**110 J**	**3,500**	**7,000 DJ**	400 U	**22,000 D**	420 U	**110 J**	410 U	410 U	**140 J**	450 U	**220 J**	440 U
Chrysene	1,000	1,000	110,000	**2,400**	**11,000 D**	**25,000 D**	**610**	**69,000 D**	**1,700**	**1,800**	**89 J**	**770**	**1,400**	**1,000**	**1,500**	440 U
Di-n-butylphthalate	--	--	--	450 U	440 U	370 U	400 U	**1,400 B**	**1,500 B**	**1,100 B**	**1,300 B**	**1,400 B**	**930 B**	**1,100 B**	**1,300 B**	**1,300 B**
Di-n-octylphthalate	--	--	--	450 U	440 U	**2,100 DJ**	400 U	370 U	420 U	380 U	410 U	410 U	400 U	450 U	400 U	440 U
Dibenzo(a,h)anthracene	330	1,000,000	1,100	**630**	**2,000**	**3,700 DJ**	**98 J**	**11,000 DJ**	**360 J**	**400**	410 U	**160 J**	**280 J**	**210 J**	**220 J**	440 U
Dibenzofuran	--	--	--	450 U	**2,400**	**4,200 DJ**	400 U	**13,000 DJ**	420 U	380 U	410 U	410 U	400 U	450 U	400 U	440 U
Dimethylphthalate	--	--	--	450 U	440 U	370 U	400 U	370 U	420 U	380 U	410 U	410 U	400 U	450 U	400 U	440 U
Fluoranthene	100,000	1,000,000	1,000,000	**1,900**	**26,000 D**	**55,000 D**	**740**	**160,000 D**	**2,200**	**2,500**	**97 J**	**1,100**	**2,000**	**1,300**	**2,500**	440 U
Fluorene	30,000	386,000	1,000,000	450 U	**3,200**	**5,800 DJ**	400 U	**20,000 D**	**120 J**	**140 J**	410 U	410 U	**92 J**	**110 J**	**160 J**	440 U
Indeno(1,2,3-cd)pyrene	500	8,200	11,000	**1,900**	**6,700**	**10,000 D**	**400 J**	**34,000 D**	**1,300**	**1,300**	410 U	**490**	**900**	**630**	**750**	440 U
Naphthalene	12,000	12,000	1,000,000	450 U	440 U	**3,200**	400 U	**10,000 DJ**	420 U	380 U	410 U	410 U	400 U	450 U	400 U	440 U
Phenanthrene	100,000	1,000,000	1,000,000	**580**	**24,000 D**	**53,000 D**	**460**	**150,000 D**	**1,200**	**1,400**	410 U	**720**	**1,100**	**840**	**1,900**	440 U
Phenol	330	330	1,000,000	450 U	440 U	370 U	400 U	**270 J**	420 U	380 U	410 U	410 U	400 U	450 U	400 U	440 U
Pyrene	100,000	1,000,000	1,000,000	**1,600**	**19,000 D**	**38,000 D**	**730**	**110,000 D**	**2,200**	**2,300**	**99 J**	**900**	**1,700**	**1,100**	**2,000**	440 U

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.
- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

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R - The data is unusable.
D - Sample Diluted
B - The compound was also detected in the associated method blank
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 4
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS - DETECTED SVOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	SB-31 0'-2' bgs 5/28/2014 SOIL µg/kg	DUPLICATE-2 5/28/14 5/28/2014 SOIL µg/kg	SB-31 2'-4' bgs 5/28/2014 SOIL µg/kg	SB-32 2'-4' bgs 5/29/2014 SOIL µg/kg	DUPLICATE 5/29/14 5/29/2014 SOIL µg/kg	SB-34 1'-4' bgs 5/28/2014 SOIL µg/kg	SB-35 0'-2.5' bgs 5/28/2014 SOIL µg/kg	SB-36 0'-3' bgs 5/28/2014 SOIL µg/kg	SB-38 1.5'-3.5' bgs 5/29/2014 SOIL µg/kg	SB-39 1'-3' bgs 5/29/2014 SOIL µg/kg	SB-40 1'-3.5' bgs 5/29/2014 SOIL µg/kg	SB-42 2'-4' bgs 5/29/2014 SOIL µg/kg	SB-43 2'-4' bgs 5/29/2014 SOIL µg/kg
SVOCs																
2-Methylnaphthalene	--	--	--	400 U	**85 J**	610 U	390 U	370 U	590 U	**85 J**	85 J	**200 J**	**280 J**	360 U	390 U	420 U
4-Methylphenol	--	--	--	400 U	390 U	610 U	390 U	370 U	590 U	380 U	390 U	390 U	370 U	360 U	390 U	420 U
4-Nitroaniline	--	--	--	800 U	790 U	1,200 U	780 U	750 U	1,200 U	770 U	780 U	790 U	760 U	740 U	800 U	850 U
4-Nitrophenol	--	--	--	800 U	790 U	1,200 U	780 U	750 U	1,200 U	770 U	780 U	790 U	760 U	740 U	800 U	850 U
Acenaphthene	20,000	98,000	1,000,000	400 U	390 U	610 U	390 U	**130 J**	590 U	380 U	390 U	390 U	370 U	360 U	390 U	420 U
Acenaphthylene	100,000	107,000	1,000,000	**90 J**	390 U	610 U	390 U	370 U	**140 J**	380 U	390 U	**110 J**	**110 J**	360 U	390 U	420 U
Anthracene	100,000	1,000,000	1,000,000	**130 J**	390 U	610 U	**180 J**	**360 J**	**170 J**	380 U	**94 J**	**160 J**	**240 J**	360 U	390 U	420 U
Benzo(a)anthracene	1,000	1,000	11,000	**430**	**130 J**	610 U	**690**	**650**	**580 J**	**110 J**	**300 J**	**540**	**860**	**140 J**	390 U	420 U
Benzo(a)pyrene	1,000	22,000	1,100	**510**	**130 J**	610 U	**620**	**580**	**700**	**93 J**	**330 J**	**490**	**680**	**140 J**	390 U	420 U
Benzo(b)fluoranthene	1,000	1,700	11,000	**720**	**210 J**	610 U	**670**	**660**	**940**	**190 J**	**460**	**750**	**860**	**210 J**	**94 J**	420 UJ
Benzo(g,h,i)perylene	100,000	1,000,000	1,000,000	**340 J**	**99 J**	610 U	**340 J**	**330 J**	**560 J**	380 U	**220 J**	**360 J**	**520**	**110 J**	390 U	420 U
Benzo(k)fluoranthene	800	1,700	110,000	**320 J**	**110 J**	610 UJ	**420 J**	**300 J**	**490 J**	380 UJ	**210 J**	**350 J**	**580 J**	**110 J**	390 U	420 U
Bis(2-chloroethoxy)methane	--	--	--	400 U	390 U	610 U	390 U	370 U	590 U	380 U	390 U	390 U	370 U	360 U	390 U	420 U
Bis(2-chloroethyl)ether	--	--	--	400 U	390 U	610 U	390 U	370 U	590 U	380 U	390 U	390 U	370 U	360 U	390 U	420 U
Bis(2-ethylhexyl)phthalate	--	--	--	**140 J**	**120 J**	**150 J**	**120 J**	**120 J**	**150 J**	**100 J**	**87 J**	**97 J**	**87 J**	**210 J**	**120 J**	**150 J**
Butylbenzylphthalate	--	--	--	400 U	390 U	610 U	390 U	370 U	590 U	380 U	390 U	390 U	370 U	360 U	390 U	420 U
Carbazole	--	--	--	400 U	390 U	610 U	390 U	370 U	590 U	380 U	390 U	390 U	**98 J**	360 U	390 U	420 U
Chrysene	1,000	1,000	110,000	**670**	**200 J**	610 U	**740**	**790**	**900**	**160 J**	**460**	**580**	**880**	**200 J**	**110 J**	420 U
Di-n-butylphthalate	--	--	--	**1,100 B**	**1,500 B**	**1,600 B**	**1,300 B**	**1,200 B**	**1,600 B**	**980 B**	**1,000 B**	**1,100 B**	**1,100 B**	**1,100 B**	**1,300 B**	**1,400 B**
Di-n-octylphthalate	--	--	--	400 U	390 U	610 U	390 U	370 U	590 U	380 U	390 U	390 U	370 U	360 U	390 U	420 U
Dibenzo(a,h)anthracene	330	1,000,000	1,100	**120 J**	390 U	610 U	**110 J**	**96 J**	**210 J**	380 U	**83 J**	**130 J**	**190 J**	360 U	390 U	420 U
Dibenzofuran	--	--	--	400 U	390 U	610 U	390 U	370 U	590 U	380 U	390 U	390 U	**98 J**	360 U	390 U	420 U
Dimethylphthalate	--	--	--	400 U	390 U	610 U	390 U	370 U	590 U	380 U	390	390 U	370 U	360 U	390 U	420 U
Fluoranthene	100,000	1,000,000	1,000,000	**820**	**190 J**	610 U	**1,200**	**1,400**	**1,000**	**120 J**	**570**	**930**	**1,500**	**240 J**	**95 J**	420 U
Fluorene	30,000	386,000	1,000,000	400 U	390 U	610 U	390 U	**130 J**	590 U	380 U	390 U	390 U	370 U	360 U	390 U	420 U
Indeno(1,2,3-cd)pyrene	500	8,200	11,000	**380 J**	**100 J**	610 U	**390**	**350 J**	**620**	**83 J**	**250 J**	**400**	**500**	**120 J**	390 U	420 U
Naphthalene	12,000	12,000	1,000,000	400 U	390 U	610 U	390 U	370 U	590 U	380 U	390 U	**140 J**	**170 J**	360 U	390 U	420 U
Phenanthrene	100,000	1,000,000	1,000,000	**370 J**	**110 J**	610 U	**490**	**970**	**390 J**	**100 J**	**390 J**	**440**	**930**	**120 J**	**84 J**	420 U
Phenol	330	330	1,000,000	400 U	390 U	610 U	390 U	370 U	590 U	380 U	390 U	390 U	370 U	360 U	390 U	420 U
Pyrene	100,000	1,000,000	1,000,000	**720**	**160 J**	610 U	**1,100**	**1,300**	**1,200**	**110 J**	**450**	**770**	**1,200**	**240 J**	**93 J**	420 U

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

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- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

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D - Sample Diluted
B - The compound was also detected in the associated method blank
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

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SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	SB-44 0.5'-3' bgs 5/29/2014 SOIL µg/kg	SB-45 0.5'-3' bgs 5/29/2014 SOIL µg/kg	SB-46 1'-3' bgs 5/29/2014 SOIL µg/kg	SB-47 0'-1' bgs 5/22/2014 SOIL µg/kg	SB-47 2'-3' bgs 5/22/2014 SOIL µg/kg	SB-48 1.5'-2.5' bgs 5/22/2014 SOIL µg/kg	DUPLICATE 5/22/14 5/22/2014 SOIL µg/kg	SB-49 1'-2' bgs 5/22/2014 SOIL µg/kg	SB-49 4.0'-5.0' bgs 5/22/2014 SOIL µg/kg	SB-50 0'-2' bgs 5/23/2014 SOIL µg/kg	SB-52 2-3' bgs 5/21/2014 SOIL µg/kg	DUPLICATE 5/21/14 5/21/2014 SOIL µg/kg	SB-53 1.5-2.5' bgs 5/21/2014 SOIL µg/kg
SVOCs																
2-Methylnaphthalene	--	--	--	370 U	380 U	390 U	340 U	380 U	370 U	340 U	**6,000 DJ**	390 U	410 U	390 U	400 U	380 U
4-Methylphenol	--	--	--	370 U	380 U	390 U	340 U	380 U	370 U	340 U	380 U	390 U	410 U	390 U	400 U	380 U
4-Nitroaniline	--	--	--	750 U	760 U	780 U	700 U	760 U	740 U	690 U	780 U	790 U	830 U	790 U	810 U	770 U
4-Nitrophenol	--	--	--	750 U	760 U	780 U	700 U	760 U	740 U	690 U	780 U	790 U	830 U	790 U	810 U	770 U
Acenaphthene	20,000	98,000	1,000,000	370 U	380 U	390 U	340 U	380 U	370 U	340 U	**11,000 D**	390 U	**130 J**	390 U	400 U	380 U
Acenaphthylene	100,000	107,000	1,000,000	370 U	380 U	390 U	340 U	**98 J**	**100 J**	340 U	**8,100 D**	390 U	**290 J**	390 U	400 U	380 U
Anthracene	100,000	1,000,000	1,000,000	370 U	380 U	**79 J**	**130 J**	380 U	**130 J**	340 U	**17,000 D**	**100 J**	**540**	390 U	400 U	**79 J**
Benzo(a)anthracene	1,000	1,000	11,000	370 U	**110 J**	**280 J**	**400**	**380**	**330 J**	**100 J**	**27,000 D**	**230 J**	**1,300**	**160 J**	**100 J**	**160 J**
Benzo(a)pyrene	1,000	22,000	1,100	370 U	**160 J**	**210 J**	**360**	**330 J**	**500**	**130 J**	**25,000 D**	**200 J**	**1,400**	**180 J**	**98 J**	**190 J**
Benzo(b)fluoranthene	1,000	1,700	11,000	370 UJ	**200 J**	**260 J**	**530**	**610**	**660**	**180 J**	**30,000 D**	**330 J**	**1,800**	**220 J**	**140 J**	**300 J**
Benzo(g,h,i)perylene	100,000	1,000,000	1,000,000	370 U	**170 J**	**120 J**	**230 J**	**220 J**	**330 J**	**100 J**	**13,000 D**	**160 J**	**800**	**150 J**	**100 J**	**150 J**
Benzo(k)fluoranthene	800	1,700	110,000	370 UJ	**110 J**	**160 J**	**280 J**	**360 J**	**290 J**	**78 J**	**11,000 D**	**150 J**	**930**	**100 J**	400 U	**90 J**
Bis(2-chloroethoxy)methane	--	--	--	370 U	380 U	390 U	340 U	380 U	370 U	340 U	380 U	390 U	410 U	390 U	400 U	380 U
Bis(2-chloroethyl)ether	--	--	--	370 U	380 U	390 U	340 U	380 U	370 UJ	340 U	380 U	390 U	410 U	390 UJ	400 UJ	380 UJ
Bis(2-ethylhexyl)phthalate	--	--	--	**110 J**	**110 J**	**140 J**	**210 J**	380 U	**200 J**	340 U	**450**	**79 J**	**270 J**	**230 J**	**460 B**	380 U
Butylbenzylphthalate	--	--	--	370 U	380 U	390 U	340 U	380 U	370 U	340 U	380 U	390 U	410 U	390 U	400 U	380 U
Carbazole	--	--	--	370 U	380 U	390 U	340 U	380 U	370 U	340 U	**5,600**	390 U	**190 J**	390 U	400 U	380 U
Chrysene	1,000	1,000	110,000	370 U	**130 J**	**370 J**	**480**	**650**	**520**	**170 J**	**32,000 D**	**320 J**	**1,600**	**170 J**	**110 J**	**210 J**
Di-n-butylphthalate	--	--	--	**1,100 B**	**1,300 B**	**1,400 B**	340 U	**440 B**	**870 B**	**420 B**	380 U	390 U	**440 B**	**820 B**	400 U	380 U
Di-n-octylphthalate	--	--	--	370 U	380 U	390 U	340 U	380 U	370 U	340 U	380 U	390 U	410 U	390 U	400 U	380 U
Dibenzo(a,h)anthracene	330	1,000,000	1,100	370 U	380 U	390 U	340 U	380 U	**88 J**	340 U	**5,800**	390 U	**280 J**	390 U	400 U	380 U
Dibenzofuran	--	--	--	370 U	380 U	390 U	340 U	380 U	370 U	340 U	**7,000 DJ**	390 U	410 U	390 U	400 U	380 U
Dimethylphthalate	--	--	--	370 U	380 U	390 U	340 U	380 U	370 U	340 U	380 U	390 U	410 U	390 U	400 U	380 U
Fluoranthene	100,000	1,000,000	1,000,000	370 U	**140 J**	**630**	**920**	**510**	**520**	**190 J**	**66,000 D**	**460**	**2,600**	**230 J**	**140 J**	**280 J**
Fluorene	30,000	386,000	1,000,000	370 U	380 U	390 U	**120 J**	380 U	370 U	340 U	**18,000 D**	390 U	**160 J**	390 U	400 U	380 U
Indeno(1,2,3-cd)pyrene	500	8,200	11,000	370 U	**160 J**	**120 J**	**260 J**	**250 J**	**310 J**	**87 J**	**13,000 D**	**170 J**	**870**	**160 J**	**88 J**	**120 J**
Naphthalene	12,000	12,000	1,000,000	370 U	380 U	390 U	340 U	380 U	370 U	340 U	**5,300**	390 U	410 U	390 U	400 U	380 U
Phenanthrene	100,000	1,000,000	1,000,000	370 U	**78 J**	**360 J**	**590**	**200 J**	**190 J**	**88 J**	**67,000 D**	**510**	**1,300**	**140 J**	400 U	**180 J**
Phenol	330	330	1,000,000	370 U	380 U	390 U	340 U	380 U	370 U	340 U	380 U	390 U	410 U	390 U	400 U	380 U
Pyrene	100,000	1,000,000	1,000,000	370 U	**140 J**	680	**900**	**450**	**550**	**190 J**	**58,000 D**	**450**	**2,200**	**240 J**	**120 J**	**250 J**

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.
- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
R - The data is unusable.
D - Sample Diluted
B - The compound was also detected in the associated method blank
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 4
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS - DETECTED SVOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	SB-54 2.5'-3.5' bgs 5/21/2014 SOIL µg/kg	SB-55 1.5'-2.5' bgs 5/21/2014 SOIL µg/kg	SB-55 3'-4' bgs 5/21/2014 SOIL µg/kg	SB-56 0'-1' bgs 5/21/2014 SOIL µg/kg	SB-56 1.5'-2.5' bgs 5/21/2014 SOIL µg/kg	SB-58 2.5'-3.5' bgs 5/21/2014 SOIL µg/kg	SB-59 0.5'-2.0' bgs 5/22/2014 SOIL µg/kg	SB-60 1.5'-3.0' bgs 5/22/2014 SOIL µg/kg	SB-61 0'-3' bgs 5/22/2014 SOIL µg/kg	TW-1 0'-6' 5/23/2014 SOIL µg/kg	TW-1 10.5'-12' bgs 5/23/2014 SOIL µg/kg	TW-1 7'-8.5' bgs 5/23/2014 SOIL µg/kg	TW-13 1'-4' bgs 5/27/2014 SOIL µg/kg
SVOCs																
2-Methylnaphthalene	--	--	--	380 U	360 U	390 U	360 U	360 U	360 U	**220 J**	370 U	370 U	370 U	570 U	390 U	360 U
4-Methylphenol	--	--	--	380 U	360 U	390 U	360 U	360 U	360 U	390 U	370 U	370 U	370 U	570 U	390 U	360 U
4-Nitroaniline	--	--	--	780 U	740 U	790 U	720 U	730 U	730 U	790 U	750 U	740 U	760 U	1,200 U	780 U	730 U
4-Nitrophenol	--	--	--	780 U	740 U	790 U	720 U	730 U	730 U	790 U	750 U	740 U	760 U	1,200 U	780 U	730 U
Acenaphthene	20,000	98,000	1,000,000	**93 J**	360 U	390 U	360 U	360 U	360 U	390 U	370 U	370 U	370 U	570 U	390 U	360 U
Acenaphthylene	100,000	107,000	1,000,000	**160 J**	360 U	390 U	**86 J**	360 U	**89 J**	**600**	370 U	370 U	370 U	570 U	390 U	360 U
Anthracene	100,000	1,000,000	1,000,000	**440**	360 U	390 U	**160 J**	360 U	**88 J**	**420**	370 U	370 U	370 U	570 U	390 U	360 U
Benzo(a)anthracene	1,000	1,000	11,000	**1,700**	360 U	**250 J**	**380**	**130 J**	**260 J**	**1,100**	**280 J**	**1,600**	**97 J**	570 U	**2,200**	**270 J**
Benzo(a)pyrene	1,000	22,000	1,100	**1,800**	360 U	**350 J**	**340 J**	**140 J**	**300 J**	**1,100**	**360 J**	**2,100**	**110 J**	570 U	**2,400**	**320 J**
Benzo(b)fluoranthene	1,000	1,700	11,000	**2,700**	360 U	**480**	**410**	**210 J**	**410**	**1,600**	**590**	**3,300**	**200 J**	570 U	**6,000**	**670**
Benzo(g,h,i)perylene	100,000	1,000,000	1,000,000	**1,200**	360 U	**280 J**	**210 J**	**120 J**	**250 J**	**640**	**310 J**	**1,900**	**100 J**	570 U	**1,900**	**320 J**
Benzo(k)fluoranthene	800	1,700	110,000	**1,000**	360 U	**190 J**	**150 J**	**78 J**	**190 J**	**630**	**220 J**	**1,300**	370 U	570 U	**1,300**	**250 J**
Bis(2-chloroethoxy)methane	--	--	--	380 U	360 U	390 U	360 U	360 U	360 U	390 U	370 U	370 U	370 U	570 U	390 U	360 U
Bis(2-chloroethyl)ether	--	--	--	380 UJ	360 UJ	390 U	360 UJ	360 UJ	360 UJ	390 UJ	370 UJ	370 UJ	370 U	570 U	390 U	360 U
Bis(2-ethylhexyl)phthalate	--	--	--	**150 J**	**150 J**	**99 J**	**110 J**	**180 J**	**79 J**	390 U	**85 J**	**75 J**	370 U	570 U	390 U	360 U
Butylbenzylphthalate	--	--	--	380 U	360 U	390 UJ	360 U	360 U	360 U	390 U	370 U	370 U	370 U	570 U	390 U	360 U
Carbazole	--	--	--	**200 J**	360 U	390 U	360 U	360 U	360 U	**87 J**	370 U	**98 J**	370 U	570 U	390 U	360 U
Chrysene	1,000	1,000	110,000	**2,200**	360 U	**360 J**	**350 J**	**160 J**	**280 J**	**1,200**	**380**	**2,100**	**130 J**	570 U	**3,200**	**440**
Di-n-butylphthalate	--	--	--	**810 B**	**670 B**	**810 B**	**710 B**	**720 B**	**680 B**	**790 B**	**670 B**	**700 B**	370 U	570 U	390 U	360 U
Di-n-octylphthalate	--	--	--	380 U	360 U	390 U	360 U	360 U	360 U	390 U	370 U	370 U	370 U	570 U	390 U	360 U
Dibenzo(a,h)anthracene	330	1,000,000	1,100	**300 J**	360 U	**91 J**	360 U	360 U	**80 J**	**210 J**	**110 J**	**620**	370 U	570 U	**860**	**120 J**
Dibenzofuran	--	--	--	380 U	360 U	390 U	360 U	360 U	360 U	**100 J**	370 U	370 U	370 U	570 U	390 U	360 U
Dimethylphthalate	--	--	--	380 U	360 U	390 U	360 U	360 U	360 U	390 U	370 U	370 U	370 U	570 U	390 U	360 U
Fluoranthene	100,000	1,000,000	1,000,000	**3,600**	360 U	**360 J**	**650**	**150 J**	**360 J**	**2,000**	**290 J**	**1,600**	**140 J**	570 U	**1,400**	**310 J**
Fluorene	30,000	386,000	1,000,000	**120 J**	360 U	390 U	**89 J**	360 U	360 U	**120 J**	370 U	370 U	370 U	570 U	390 U	360 U
Indeno(1,2,3-cd)pyrene	500	8,200	11,000	**1,400**	360 U	**290 J**	**230 J**	**130 J**	**280 J**	**760**	**330 J**	**1,900**	**100 J**	570 U	**2,100**	**330 J**
Naphthalene	12,000	12,000	1,000,000	380 U	360 U	390 U	360 U	360 U	360 U	**150 J**	370 U	370 U	370 U	570 U	390 U	360 U
Phenanthrene	100,000	1,000,000	1,000,000	**1,800**	**260 J**	**210 J**	**430**	**83 J**	**180 J**	**710**	**110 J**	**460**	370 U	570 U	390 U	**120 J**
Phenol	330	330	1,000,000	380 U	360 U	390 U	360 U	360 U	360 U	390 U	370 U	370 U	370 U	570 U	390 U	360 U
Pyrene	100,000	1,000,000	1,000,000	**2,800**	**85 J**	**360 J**	**620**	**170 J**	**300 J**	**1,600**	**270 J**	**1,500**	**120 J**	570 U	**1,600**	**270 J**

Notes:

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D - Sample Diluted
B - The compound was also detected in the associated method blank
-- Not applicable
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DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 4
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS - DETECTED SVOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	TW-13 10'-12' bgs 5/27/2014 SOIL µg/kg	TW-18 0'-4' bgs 5/27/2014 SOIL µg/kg	TW-18 5'-7' bgs 5/27/2014 SOIL µg/kg	TW-18 11'-12' bgs 5/27/2014 SOIL µg/kg	TW-25 4.5'-6.5' bgs 5/28/2014 SOIL µg/kg	TW-25 7'-8' bgs 5/28/2014 SOIL µg/kg	TW-25 10'-12' bgs 5/28/2014 SOIL µg/kg	TW-30 1.5'-3.5' bgs 5/29/2014 SOIL µg/kg	TW-30 6'-8' bgs 5/29/2014 SOIL µg/kg	TW-30 10'-12' bgs 5/29/2014 SOIL µg/kg	TW-30 13'-14' bgs 5/29/2014 SOIL µg/kg	TW-33 0'-2.5' bgs 5/29/2014 SOIL µg/kg	TW-33 3'-4' bgs 5/29/2014 SOIL µg/kg
SVOCs																
2-Methylnaphthalene	--	--	--	1,300 U	430 U	1,500 U	640 U	**1,500**	500 U	900 U	**110 J**	1,000 U	1,100 U	1,500 U	340 U	380 U
4-Methylphenol	--	--	--	1,300 U	430 U	1,500 U	640 U	410 U	500 U	900 U	360 U	1,000 U	1,100 U	1,500 U	340 U	380 U
4-Nitroaniline	--	--	--	2,600 U	860 U	3,100 U	1,300 U	830 U	1000 U	1,800 U	730 U	2,100 U	2,200 U	3,100 U	680 U	780 U
4-Nitrophenol	--	--	--	2,600 U	860 U	3,100 U	1,300 U	830 U	1000 U	1,800 U	730 U	2,100 U	2,200 U	3,100 U	680 U	780 U
Acenaphthene	20,000	98,000	1,000,000	1,300 U	430 U	1,500 U	640 U	**2,000**	500 U	900 U	360 U	1,000 U	1,100 U	1,500 U	340 U	380 U
Acenaphthylene	100,000	107,000	1,000,000	1,300 U	430 U	1,500 U	640 U	**1,000**	500 U	900 U	**88 J**	1,000 U	1,100 U	1,500 U	**260 J**	380 U
Anthracene	100,000	1,000,000	1,000,000	1,300 U	**160 J**	1,500 U	640 U	**6,400 D**	**140 J**	900 U	**100 J**	1,000 U	1,100 U	1,500 U	**290 J**	380 U
Benzo(a)anthracene	1,000	1,000	11,000	**280 J**	**1,900**	1,500 U	640 U	**9,600 D**	**640**	900 U	**210 J**	1,000 U	1,100 U	1,500 U	**850**	380 U
Benzo(a)pyrene	1,000	22,000	1,100	1,300 U	**2,100**	1,500 U	640 U	**7,300 D**	**700**	900 U	**290 J**	1,000 U	1,100 U	1,500 U	**1,200**	380 U
Benzo(b)fluoranthene	1,000	1,700	11,000	**590 J**	**3,900**	1,500 U	640 U	**7,700 D**	**900**	900 U	**420**	1,000 U	1,100 U	1,500 U	**1,300**	380 U
Benzo(g,h,i)perylene	100,000	1,000,000	1,000,000	1,300 U	**1,700**	1,500 U	640 U	**4,100**	**540**	900 U	**280 J**	1,000 U	1,100 U	1,500 U	**990**	380 U
Benzo(k)fluoranthene	800	1,700	110,000	1,300 U	**1,100**	1,500 U	640 U	**4,000**	**440 J**	900 UJ	**200 J**	1,000 UJ	1,100 UJ	1,500 UJ	**670 J**	380 UJ
Bis(2-chloroethoxy)methane	--	--	--	1,300 U	430 U	1,500 U	640 U	410 U	500 U	900 U	360 U	1,000 U	1,100 U	1,500 U	340 U	380 U
Bis(2-chloroethyl)ether	--	--	--	1,300 U	430 U	1,500 U	640 U	410 U	500 U	900 U	360 U	1,000 U	1,100 U	1,500 U	340 U	380 U
Bis(2-ethylhexyl)phthalate	--	--	--	1,300 U	430 U	1,500 U	**300 J**	410 U	**160 J**	**290 J**	**100 J**	**330 J**	**270 J**	**580 J**	**71 J**	**160 J**
Butylbenzylphthalate	--	--	--	1,300 U	430 U	1,500 U	640 U	410 U	500 U	900 U	360 U	1,000 U	1,100 U	1,500 U	340 U	380 U
Carbazole	--	--	--	1,300 U	**130 J**	1,500 U	640 U	**1,300**	500 U	900 U	360 U	1,000 U	1,100 U	1,500 U	**100 J**	380 U
Chrysene	1,000	1,000	110,000	**410 J**	**2,400**	1,500 U	640 U	**11,000 D**	**840**	900 U	**360 J**	1,000 U	1,100 U	1,500 U	**940**	380 U
Di-n-butylphthalate	--	--	--	1,300 U	430 U	1,500 U	640 U	**1,000 B**	**1,600 B**	**2,900 B**	**1,000 B**	**2900 B**	**3100 B**	**5,300 B**	**940 B**	**1,600 B**
Di-n-octylphthalate	--	--	--	1,300 U	430 U	1,500 U	640 U	410 U	500 U	900 U	360 U	1,000 U	1,100 U	1,500 U	340 U	380 U
Dibenzo(a,h)anthracene	330	1,000,000	1,100	1,300 U	**590**	1,500 U	640 U	**970**	**180 J**	900 U	**74 J**	1,000 U	1,100 U	1,500 U	**260 J**	380 U
Dibenzofuran	--	--	--	1,300 U	430 U	1,500 U	640 U	**2,500**	500 U	900 U	360 U	1,000 U	1,100 U	1,500 U	340 U	380 U
Dimethylphthalate	--	--	--	1,300 U	430 U	1,500 U	640 U	410 U	500 U	900 U	360 U	1,000 U	1,100 U	1,500 U	340 U	380 U
Fluoranthene	100,000	1,000,000	1,000,000	**270 J**	**2,600**	1,500 U	640 U	**22,000 D**	**1,000**	900 U	**280 J**	1,000 U	1,100 U	1,500 U	**1,400**	380 U
Fluorene	30,000	386,000	1,000,000	1,300 U	430 U	1,500 U	640 U	**3,900**	500 U	900 U	360 U	1,000 U	1,100 U	1,500 U	340 U	380 U
Indeno(1,2,3-cd)pyrene	500	8,200	11,000	1,300 U	**1,800**	1,500 U	640 U	**4,600**	**550**	900 U	**310 J**	1,000 U	1,100 U	1,500 U	**900**	380 U
Naphthalene	12,000	12,000	1,000,000	1,300 U	430 U	1,500 U	640 U	**2,100**	500 U	900 U	360 U	1,000 U	1,100 U	1,500 U	340 U	380 U
Phenanthrene	100,000	1,000,000	1,000,000	1,300 U	**870**	1,500 U	640 U	**25,000 D**	**500 J**	900 U	**190 J**	1,000 U	1,100 U	1,500 U	**280 J**	380 U
Phenol	330	330	1,000,000	1,300 U	430 U	1,500 U	640 U	410 U	500 U	900 U	360 U	1,000 U	1,100 U	1,500 U	340 U	380 U
Pyrene	100,000	1,000,000	1,000,000	1,300 U	**2,000**	1,500 U	640 U	**21,000 D**	**980**	900 U	**300 J**	1,000 U	1,100 U	1,500 U	**1,300**	380 U

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.
- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
R - The data is unusable.
D - Sample Diluted
B - The compound was also detected in the associated method blank
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 4
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS - DETECTED SVOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	TW-33 7'-8' bgs 5/29/2014 SOIL µg/kg	TW-33 11'-12' bgs 5/29/2014 SOIL µg/kg	TW-37 3'-5' bgs 5/28/2014 SOIL µg/kg	TW-37 8'-10' bgs 5/28/2014 SOIL µg/kg	TW-37 11'-12' bgs 5/28/2014 SOIL µg/kg	TW-41 0'-1' bgs 5/20/2014 SOIL µg/kg	TW-41 3.5'-4.5' bgs 5/20/2014 SOIL µg/kg	TW-41 5.5'-6.5' bgs 5/20/2014 SOIL µg/kg	TW-41 11'-12' bgs 5/20/2014 SOIL µg/kg	TW-51 0'-1' bgs 5/21/2014 SOIL µg/kg	TW-51 4.5'-5.5' bgs 5/21/2014 SOIL µg/kg	TW-51 5.5'-6.5' bgs 5/21/2014 SOIL µg/kg	TW-51 11'-12' bgs 5/21/2014 SOIL µg/kg
SVOCs																
2-Methylnaphthalene	--	--	--	1,700 U	1,500 U	370 U	890 U	1,900 U	370 U	920 U	740 U	780 U	**110 J**	350 U	400 U	1,900 U
4-Methylphenol	--	--	--	1,700 U	1,500 U	370 U	890 U	1,900 U	370 U	920 U	740 U	780 U	360 U	350 U	400 U	1,900 U
4-Nitroaniline	--	--	--	3,400 U	3,100 U	760 U	1,800 U	3,800 U	760 U	1,900 U	1,500 U	1,600 U	720 U	700 U	820 U	4,000 U
4-Nitrophenol	--	--	--	3,400 U	3,100 U	760 U	1,800 U	3,800 U	760 U	1,900 U	1,500 U	1,600 U	720 U	700 U	820 U	4,000 U
Acenaphthene	20,000	98,000	1,000,000	1,700 U	1,500 U	370 U	890 U	1,900 U	370 U	920 U	740 U	780 U	**320 J**	350 U	400 U	1,900 U
Acenaphthylene	100,000	107,000	1,000,000	1,700 U	1,500 U	370 U	890 U	1,900 U	370 U	920 U	740 U	780 U	**3,100**	350 U	400 U	1,900 U
Anthracene	100,000	1,000,000	1,000,000	1,700 U	1,500 U	370 U	890 U	1,900 U	370 U	920 U	740 U	780 U	**3,400**	350 U	400 U	1,900 U
Benzo(a)anthracene	1,000	1,000	11,000	1,700 U	1,500 U	370 U	890 U	1,900 U	370 U	920 U	740 U	780 U	**6,600 D**	**70 J**	400 U	1,900 U
Benzo(a)pyrene	1,000	22,000	1,100	1,700 U	1,500 U	370 U	890 U	1,900 U	370 U	920 U	740 U	780 U	**7,200 D**	350 U	400 U	1,900 U
Benzo(b)fluoranthene	1,000	1,700	11,000	1,700 U	1,500 U	370 U	890 U	1,900 U	**88 J**	920 U	740 U	780 U	**8,500 D**	**100 J**	400 U	1,900 U
Benzo(g,h,i)perylene	100,000	1,000,000	1,000,000	1,700 U	1,500 U	370 U	890 U	1,900 U	370 U	920 U	740 U	780 U	**4,600**	350 U	400 U	1,900 U
Benzo(k)fluoranthene	800	1,700	110,000	1,700 UJ	1,500 UJ	370 UJ	890 UJ	1,900 UJ	370 U	920 U	740 U	780 U	**2,500**	350 U	400 U	1,900 U
Bis(2-chloroethoxy)methane	--	--	--	1,700 U	1,500 U	370 U	890 U	1,900 U	370 UJ	920 U	740 U	780 U	360 U	350 U	400 U	1,900 U
Bis(2-chloroethyl)ether	--	--	--	1,700 U	1,500 U	370 U	890 U	1,900 U	370 U	920 U	740 UJ	780 UJ	360 UJ	350 UJ	400 UJ	1,900 UJ
Bis(2-ethylhexyl)phthalate	--	--	--	**590 J**	**500 J**	**120 J**	**300 J**	**660 J**	370 U	920 U	740 U	780 U	**110 J**	**190 J**	**84 J**	**540 J**
Butylbenzylphthalate	--	--	--	1,700 U	1,500 U	370 U	890 U	1,900 U	370 U	920 U	740 U	780 U	360 U	350 U	400 U	1,900 U
Carbazole	--	--	--	1,700 U	1,500 U	370 U	890 U	1,900 U	370 U	920 U	740 U	780 U	**280 J**	350 U	400 U	1,900 U
Chrysene	1,000	1,000	110,000	1,700 U	1,500 U	370 U	890 U	1,900 U	370 U	920 U	740 U	780 U	**7,200 D**	**150 J**	400 U	1,900 U
Di-n-butylphthalate	--	--	--	**6,100 B**	**5,500 B**	**1,100 B**	**3,200 B**	**4,900 B**	370 U	**1,500 B**	740 U	**1,600 B**	**420 B**	**710 B**	**800 B**	**4,100 B**
Di-n-octylphthalate	--	--	--	1,700 U	1,500 U	370 U	890 U	1,900 U	370 U	920 U	740 U	780 U	360 U	350 U	400 U	1,900 U
Dibenzo(a,h)anthracene	330	1,000,000	1,100	1,700 U	1,500 U	370 U	890 U	1,900 U	370 U	920 U	740 U	780 U	**1,700**	350 U	400 U	1,900 U
Dibenzofuran	--	--	--	1,700 U	1,500 U	370 U	890 U	1,900 U	370 U	920 U	740 U	780 U	**120 J**	350 U	400 U	1,900 U
Dimethylphthalate	--	--	--	1,700 U	1,500 U	370 U	890 U	1,900 U	**340 J**	920 U	740 U	780 U	360 U	350 U	400 U	1,900 U
Fluoranthene	100,000	1,000,000	1,000,000	1,700 U	1,500 U	370 U	890 U	1,900 U	**88 J**	**210 J**	740 U	780 U	**12,000 D**	350 U	400 U	1,900 U
Fluorene	30,000	386,000	1,000,000	1,700 U	1,500 U	370 U	890 U	1,900 U	370 U	920 U	740 U	780 U	**640**	350 U	400 U	1,900 U
Indeno(1,2,3-cd)pyrene	500	8,200	11,000	1,700 U	1,500 U	370 U	890 U	1,900 U	370 U	920 U	740 U	780 U	**5,000**	350 U	400 U	1,900 U
Naphthalene	12,000	12,000	1,000,000	1,700 U	1,500 U	370 U	890 U	1,900 U	370 U	920 U	740 U	780 U	360 U	350 U	400 U	1,900 U
Phenanthrene	100,000	1,000,000	1,000,000	1,700 U	1,500 U	370 U	890 U	1,900 U	370 U	**210 J**	740 U	780 U	**3,900**	350 U	400 U	1,900 U
Phenol	330	330	1,000,000	1,700 U	1,500 U	370 U	890 U	1,900 U	370 U	920 U	740 U	780 U	360 U	350 U	400 U	1,900 U
Pyrene	100,000	1,000,000	1,000,000	1,700 U	1,500 U	370 U	890 U	1,900 U	**91 J**	**200 J**	740 U	780 U	**11,000 D**	**110 J**	400 U	1,900 U

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.
- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
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R - The data is unusable.
D - Sample Diluted
B - The compound was also detected in the associated method blank
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 4
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS - DETECTED SVOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO µg/kg	TW-57 2.5'-3.5' bgs 5/21/2014 SOIL µg/kg	TW-57 10.8'-11.8' bgs 5/21/2014 SOIL µg/kg	TW-57 14.8'-15.8' bgs 5/21/2014 SOIL µg/kg	TW-62 11'-12' bgs 5/22/2014 SOIL µg/kg	TW-62 6.5'-7.5' bgs 5/22/2014 SOIL µg/kg	TW-62 2.5'-3.5' bgs 5/22/2014 SOIL µg/kg
SVOCs									
2-Methylnaphthalene	--	--	--	390 U	2,000 U	610 U	630 U	380 U	360 U
4-Methylphenol	--	--	--	390 U	2,000 U	610 U	630 U	380 U	360 U
4-Nitroaniline	--	--	--	790 U	4,000 U	1,200 U	1,300 U	770 U	730 U
4-Nitrophenol	--	--	--	790 U	4,000 U	1,200 U	1,300 U	770 U	730 U
Acenaphthene	20,000	98,000	1,000,000	390 U	2,000 U	610 U	630 U	380 U	360 U
Acenaphthylene	100,000	107,000	1,000,000	390 U	2,000 U	610 U	630 U	380 U	360 U
Anthracene	100,000	1,000,000	1,000,000	**120 J**	2,000 U	610 U	630 U	380 U	360 U
Benzo(a)anthracene	1,000	1,000	11,000	**450**	2,000 U	610 U	630 U	**220 J**	**260 J**
Benzo(a)pyrene	1,000	22,000	1,100	**470**	2,000 U	610 U	630 U	**230 J**	**330 J**
Benzo(b)fluoranthene	1,000	1,700	11,000	**680**	2,000 U	610 U	630 U	**340 J**	**570**
Benzo(g,h,i)perylene	100,000	1,000,000	1,000,000	**320 J**	2,000 U	610 U	630 U	**180 J**	**310 J**
Benzo(k)fluoranthene	800	1,700	110,000	**260 J**	2,000 U	610 U	630 U	**99 J**	**210 J**
Bis(2-chloroethoxy)methane	--	--	--	390 U	2,000 U	610 U	630 U	380 U	360 U
Bis(2-chloroethyl)ether	--	--	--	390 UJ	2,000 UJ	610 UJ	630 UJ	380 U	360 U
Bis(2-ethylhexyl)phthalate	--	--	--	**93 J**	**440 J**	**130 J**	630 U	**790**	360 U
Butylbenzylphthalate	--	--	--	390 U	2,000 U	610 U	630 U	380 U	360 U
Carbazole	--	--	--	390 U	2,000 U	610 U	630 U	380 U	360 U
Chrysene	1,000	1,000	110,000	**520**	2,000 U	610 U	630 U	**290 J**	**370**
Di-n-butylphthalate	--	--	--	**790 B**	**4,400 B**	**1,300 B**	**1,100 B**	**1,200 B**	360 U
Di-n-octylphthalate	--	--	--	390 U	2,000 U	610 U	630 U	380 U	360 U
Dibenzo(a,h)anthracene	330	1,000,000	1,100	**95 J**	2,000 U	610 U	630 U	380 U	360 U
Dibenzofuran	--	--	--	390 U	2,000 U	610 U	630 U	380 U	360 U
Dimethylphthalate	--	--	--	390 U	2,000 U	610 U	630 U	380 U	360 U
Fluoranthene	100,000	1,000,000	1,000,000	**680**	2,000 U	610 U	630 U	**350 J**	**300 J**
Fluorene	30,000	386,000	1,000,000	390 U	2,000 U	610 U	630 U	380 U	360 U
Indeno(1,2,3-cd)pyrene	500	8,200	11,000	**380 J**	2,000 U	610 U	630 U	**180 J**	**320 J**
Naphthalene	12,000	12,000	1,000,000	390 U	2,000 U	610 U	630 U	380 U	360 U
Phenanthrene	100,000	1,000,000	1,000,000	**470**	2,000 U	610 U	630 U	**190 J**	**100 J**
Phenol	330	330	1,000,000	390 U	2,000 U	610 U	630 U	380 U	360 U
Pyrene	100,000	1,000,000	1,000,000	**560**	2,000 U	610 U	630 U	**380**	**320 J**

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
R - The data is unusable.
D - Sample Diluted
B - The compound was also detected in the associated method blank
-- Not applicable
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DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 5
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DETECTED METALS
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO mg/kg	6 NYCRR Part 375 Protection of Groundwater SCO mg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO mg/kg	SDP-1 5/20/2014 SOIL mg/kg	SDP-2 5/20/2014 SOIL mg/kg	SDP-3 5/20/2014 SOIL mg/kg	SDP-4 5/20/2014 SOIL mg/kg	SDP-5 5/20/2014 SOIL mg/kg	SDP-6 5/20/2014 SOIL mg/kg	SDP-7 5/20/2014 SOIL mg/kg	SDP-8 5/20/2014 SOIL mg/kg
TAL METALS (Total)											
Aluminum	--	--	--	**7,240 J**	**6,830 J**	**10,900 J**	**4,050 J**	**2,540 J**	**2,650 J**	**8,230 J**	**3,200 J**
Antimony	--	--	--	0.28 UJ	**44.7 J**	**0.39 J**	0.26 UJ	**2.1 J**	0.31 UJ	0.44 UJ	**0.92 J**
Arsenic	13	16	16	**6.8**	**13.0**	**11.9**	**5.7**	**4.5**	**5.2**	**7.5**	**4.1**
Barium	350	820	10,000	**40.6 J**	**239 J**	**112 J**	**39.7 J**	**61.1 J**	**92.2 J**	**81.5 J**	**85.1 J**
Beryllium	7.2	47	2,700	**0.33 J**	**0.27 J**	**0.64**	**0.20 J**	**0.14 J**	**0.21 J**	**0.38**	**0.17 J**
Cadmium	2.5	7.5	60	**0.39**	**29.3**	**0.84**	**0.37**	**0.78**	**0.53**	**0.34**	**0.57**
Calcium	--	--	--	**75,700**	**117,000**	**1,730**	**130,000**	**140,000**	**176,000**	**22,200**	**86,800**
Chromium	30	--	6,800	**18.5 J**	**334 J**	**16.2 J**	**14.7 J**	**34.7 J**	**17.3 J**	**15.9 J**	**19.1 J**
Cobalt	--	--	--	**5.8 J**	**10.0 J**	**17.1 J**	**4.8 J**	**3.3 J**	**3.4 J**	**7.2 J**	**3.5 J**
Copper	50	1,720	10,000	**30.9 N**	**24,400 J**	**34.8 J**	**34.6 J**	**55.1 J**	**23.3 J**	**32.1 J**	**66.9 J**
Iron	--	--	--	**14,100 J**	**20,000 J**	**30,200 J**	**11,000 J**	**22,700 J**	**11,300 J**	**15,600 J**	**9,260 J**
Lead	63	450	3,900	R	R	R	R	R	R	R	R
Magnesium	--	--	--	**23,900 J**	**8,620 J**	**3,220 J**	**27,100 J**	**13,200 J**	**41,800 J**	**8,650 J**	**12,600 J**
Manganese	1,600	2,000	10,000	**343 J**	**346 J**	**1,030 J**	**280 J**	**470 J**	**178 J**	**495 J**	**274 J**
Mercury	0.18	0.73	5.7	**0.062**	**0.31**	**0.28**	**0.089**	**0.054**	**0.23**	**0.10**	**0.12**
Nickel	30	130	10,000	**15.8 J**	**29.6 J**	**22.1 J**	**11.5 J**	**28.6 J**	**39.6 J**	**15.3 J**	**24.2 J**
Potassium	--	--	--	**1,200**	**1,120 J**	**1,290 J**	**700 J**	**502 J**	**1,010 J**	**1,280 J**	**1,340 J**
Selenium	3.9	4	6,800	**0.86 J**	0.65 U	**1.7**	**1.0**	0.62 U	**1.1 J**	**1.3 J**	**2.3 J**
Silver	2	8.3	6,800	**0.078 J**	**7.8**	**0.14 J**	**0.17 J**	**0.28 J**	**0.18 J**	**0.13 J**	**0.17 J**
Sodium	--	--	--	**92.1**	**3,930**	**41.9**	**111**	**146**	**179**	**64.6**	**611**
Thallium	--	--	--	**0.84 J**	**2.6 J**	**0.88 J**	**1.4 J**	**1.5 J**	**2.0 J**	**0.32 J**	0.43 UJ
Vanadium	--	--	--	**19.9 J**	**12.0 J**	**23.7 J**	**13.3 J**	**19.0 J**	**12.3 J**	**16.2 J**	**18.2 J**
Zinc	109	2,480	10,000	**188 J**	**4,130 J**	**170 J**	**91.2 J**	**184 J**	**236 J**	**82.1 J**	**185 J**

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.
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UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
R - The data are unusable.
-- Not applicable
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DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 5
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DETECTED METALS
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO mg/kg	6 NYCRR Part 375 Protection of Groundwater SCO mg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO mg/kg	SDP-9 5/20/2014 SOIL mg/kg	SDP-10 5/20/2014 SOIL mg/kg	SDP-11 5/20/2014 SOIL mg/kg	SDP-12 5/20/2014 SOIL mg/kg	SDP-13 5/20/2014 SOIL mg/kg	SDP-14 5/20/2014 SOIL mg/kg	SB-2 2.3'-3.3' bgs 5/23/2014 SOIL mg/kg	SB-3 0'-7' bgs 5/23/2014 SOIL mg/kg
TAL METALS (Total)											
Aluminum	--	--	--	**3,620 J**	**4,280 J**	**2,570 J**	**886 J**	**4,000 J**	**1,990 J**	**4,960**	**5,340**
Antimony	--	--	--	0.44 UJ	**1.8 J**	**0.51 J**	0.31 UJ	3.0 J	0.36 UJ	0.46 U	0.25 UJ
Arsenic	13	16	16	**5.7**	**5.2**	**4.2**	**5.2**	**4.1**	**5.2**	**3.3 J**	**2.1**
Barium	350	820	10,000	**112 J**	**274 J**	**85.3 J**	**19.4 J**	**404 J**	**37.2 J**	**29.4**	**38.3**
Beryllium	7.2	47	2,700	**0.22 J**	**0.43 J**	**0.14 J**	**0.098 J**	**0.22 J**	**0.14 J**	0.5 U	**0.22**
Cadmium	2.5	7.5	60	**0.53**	**1.4**	**1.6**	**0.18 J**	**0.37**	**0.20 J**	**0.20 J**	**0.20**
Calcium	--	--	--	**136,000**	**146,000**	**160,000**	**231,000**	**150,000**	**221,000**	**18,200**	**173,000**
Chromium	30	--	6,800	**18.4 J**	**21.5 J**	**211 J**	**3.7 J**	**16.4 J**	**12.3 J**	**14.0 J**	**10.5 J**
Cobalt	--	--	--	**3.7 J**	**14.2 J**	**4.4 J**	**2.9 J**	**3.2 J**	**2.8 J**	**3.4**	**3.5**
Copper	50	1,720	10,000	**30.5 J**	**129 J**	**526 J**	**11.2 J**	**42.4 J**	**22.8 J**	**23.6**	**28.7**
Iron	--	--	--	**12,200 J**	**10,500 J**	**12,900 J**	**3,600 J**	**9,190 J**	**6,400 J**	**21,000 J**	**9,710 J**
Lead	63	450	3,900	R	R	R	R	R	R	**35.6 J**	**20.3 J**
Magnesium	--	--	--	**39,900 J**	**13,000 J**	**18,800 J**	**15,100 J**	**48,700 J**	**31,800 J**	**2,240 J**	**61,200 J**
Manganese	1,600	2,000	10,000	**274 J**	**341 J**	**240 J**	**204 J**	**240 J**	**155 J**	**385**	**291**
Mercury	0.18	0.73	5.7	**0.42**	**0.33**	**0.041**	**0.014 J**	**0.048**	**0.025 J**	**0.0078 J**	**0.017 J**
Nickel	30	130	10,000	**22.0 J**	**16.4 J**	**79.6 J**	**7.1 J**	**12.6 J**	**10.9 J**	**47.1 J**	**10.8 J**
Potassium	--	--	--	**803 J**	**729 J**	**542 J**	**393 J**	**872 J**	**581 J**	**718**	**1,350**
Selenium	3.9	4	6,800	0.74 U	0.69 U	**0.78 J**	0.51 U	0.64 U	**0.61 J**	0.77 U	0.42 U
Silver	2	8.3	6,800	**0.18 J**	**0.25 J**	**0.11 J**	0.051 U	**0.067 J**	**0.087 J**	0.077 UJ	0.042 UJ
Sodium	--	--	--	**128**	**177**	**201**	**166**	**237**	**256**	**152 J**	**169 J**
Thallium	--	--	--	0.25 UJ	0.24 UJ	0.22 UJ	**0.73 J**	**0.99 J**	**1.2 J**	0.26 UJ	**0.95 N**
Vanadium	--	--	--	**20.6 J**	**9.9 J**	**15.4 J**	**11.1 J**	**17.0 J**	**11.5 J**	**12.1**	**10.7 J**
Zinc	109	2,480	10,000	**186 J**	**802 J**	**650 J**	**34.0 J**	**129 J**	**48.2 J**	**113 J**	**28.4 J**

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.
- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
R - The data are unusable.
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 5
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DETECTED METALS
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO mg/kg	6 NYCRR Part 375 Protection of Groundwater SCO mg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO mg/kg	SB-4 0'-2.5' bgs 5/23/2014 SOIL mg/kg	SB-4 4'-6.5' bgs 5/23/2014 SOIL mg/kg	SB-5 0'-4.5' bgs 5/23/2014 SOIL mg/kg	SB-6 1'-3' bgs 5/27/2014 SOIL mg/kg	SB-6 6'-8' bgs 5/27/2014 SOIL mg/kg	SB-7 0'-1' bgs 5/22/2014 SOIL mg/kg	SB-7 6.5'-7.5' bgs 5/23/2014 SOIL mg/kg	SB-8 3'-4' bgs 5/23/2014 SOIL mg/kg
TAL METALS (Total)											
Aluminum	--	--	--	**958**	**5,100**	**3,880**	**3,490**	**4,570**	**4,160**	**1,020**	**1,460**
Antimony	--	--	--	R	0.38 U	0.44 U	0.39 U	**0.71 J**	0.35 U	R	R
Arsenic	13	16	16	**2.3 J**	**2.8 J**	**2.8 J**	**6.8**	**3.7**	**3.0 J**	**0.90 J**	**14.3 J**
Barium	350	820	10,000	**18.5**	**30.0**	**50.3**	**81.2 J**	**13.0 J**	**44.8**	**24.5**	**8.7**
Beryllium	7.2	47	2,700	0.5 U	**0.26**	0.5 U	**0.36**	**0.18 J**	0.5 U	0.5 U	**0.045 U**
Cadmium	2.5	7.5	60	**0.15 J**	**0.57**	**0.27 J**	**0.13 J**	**0.17 J**	**0.22 J**	**0.045 J**	**7.8**
Calcium	--	--	--	**100,000**	**17,400**	**159,000**	**5,060 J**	**1,640 J**	**208,000**	**227,000**	**1830**
Chromium	30	--	6,800	**3.5 J**	**13.2 J**	**9.1 J**	**9.3 J**	**8.6 J**	**8.3 J**	**4.8 J**	**22.0 J**
Cobalt	--	--	--	**1.4 J**	**3.6**	**2.5 J**	**3.9 J**	**6.7 J**	**2.6**	**1.9 J**	**14.1**
Copper	50	1,720	10,000	**51.4**	**20.4**	**29.0**	**31.8**	**218**	**17.1**	**10.1**	**144**
Iron	--	--	--	**5,150 J**	**63,100 J**	**9,980 J**	**38,400**	**42,000**	**7,120 J**	**6,350 J**	**271,000 J**
Lead	63	450	3,900	**35.8 J**	**29.5 J**	**84.8 J**	**24.6 J**	**35.9 J**	**13.5 J**	**12.6 J**	**10.2 J**
Magnesium	--	--	--	**4,710 J**	**1,350 J**	**6,990 J**	**1,120 J**	**755 J**	**18,500 J**	**9,200 J**	**166 J**
Manganese	1,600	2,000	10,000	**180**	**547**	**282**	**497 J**	**322 J**	**267**	**253**	**726**
Mercury	0.18	0.73	5.7	**0.038 J**	**0.011 J**	**0.024 J**	**0.023 J**	**0.026 J**	**0.0081 J**	**0.0079 J**	**0.0097 J**
Nickel	30	130	10,000	**6.6 J**	**7.8**	**16.3 J**	**18.4 J**	**24.5 J**	**9.5 J**	**4.7 J**	**39.2 J**
Potassium	--	--	--	**285**	**901**	**663**	**360**	**525**	**780**	**458**	**198**
Selenium	3.9	4	6,800	0.40 J	0.63 U	0.74 U	0.66 U	0.74 U	**0.69 J**	0.68 U	0.38 UJ
Silver	2	8.3	6,800	0.040 UJ	0.063 UJ	0.074 UJ	0.066 U	0.074 U	0.059 UJ	0.068 UJ	0.038 U
Sodium	--	--	--	**150 J**	**554 J**	**367 J**	**145**	**212**	**281**	**190 J**	**369 J**
Thallium	--	--	--	0.14 UJ	0.22 UJ	0.26 UJ	**0.70 J**	**1.4 J**	0.20 UJ	0.23 UJ	0.13 UJ
Vanadium	--	--	--	**3.8**	**18.1**	**11.6**	**17.9 J**	**12.1 J**	**16.8**	**7.0**	**44.9**
Zinc	109	2,480	10,000	**34.4 J**	**44.1 J**	**44.2 J**	**49.4 J**	**161 J**	**37.9 J**	**16.0 J**	**7.0 J**

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.
- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
R - The data are unusable.
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 5
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DETECTED METALS
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO mg/kg	6 NYCRR Part 375 Protection of Groundwater SCO mg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO mg/kg	SB-8 6'-7' bgs 5/23/2014 SOIL mg/kg	SB-9 0'-3.8' bgs 5/23/2014 SOIL mg/kg	SB-10 0'-1.5' bgs 5/27/2014 SOIL mg/kg	SB-10 2.5'-4' bgs 5/27/2014 SOIL mg/kg	DUPLICATE 5/27/14 (SB-10 - 2.5'-4') 5/27/2014 SOIL mg/kg	SB-11 1'-3' bgs 5/27/2014 SOIL mg/kg	SB-11 6'-8' bgs 5/27/2014 SOIL mg/kg	SB-12 0'-3.5' bgs 5/23/2014 SOIL mg/kg
TAL METALS (Total)											
Aluminum	--	--	--	**5,060**	**6,070**	**2,660**	**3,150**	**3,160**	**3,230**	**583**	**5,550**
Antimony	--	--	--	0.43 U	0.36 U	R	0.34 U	R	0.41 U	0.85 U	0.27 U
Arsenic	13	16	16	**2.0 J**	**2.6 J**	**4.6 J**	R	R	**3.2**	0.91 U	**6.5 J**
Barium	350	820	10,000	**34.1**	**36.5**	**38.7**	**10.9 J**	**15.6 J**	**31.9 J**	**54.6 J**	**27.2**
Beryllium	7.2	47	2,700	**0.95**	0.5 U	0.5 U	**0.13 J**	0.5 U	**0.18 J**	0.0033 U	**0.36**
Cadmium	2.5	7.5	60	**0.37**	**0.50**	**0.96**	0.014 U	**3.3**	**0.061 J**	0.033 U	**0.046 J**
Calcium	--	--	--	**36,600**	**38,500**	**175,000**	**640**	**604**	**3,100 J**	**373,000 J**	**9,720**
Chromium	30	--	6,800	**9.2 J**	**29.8 J**	**20.9 J**	R	R	**15.8 J**	**1.0 U**	**8.2 J**
Cobalt	--	--	--	**4.0**	**4.4**	**4.4**	**1.9 J**	**12.2**	**3.6 J**	**0.16 J**	**3.7**
Copper	50	1,720	10,000	**19.4**	**25.7**	**293**	**7.7 J**	**18.4 J**	**28.4**	**1.9 J**	**8.4**
Iron	--	--	--	**48,600 J**	**48,200 J**	**20,400 J**	**8,440 R**	R	**43,600**	**820**	**15,600 J**
Lead	63	450	3,900	**11.8 J**	**57.5 J**	**556 J**	**5.2 J**	**7.7 J**	**36.0 J**	0.38 U	**32.3 J**
Magnesium	--	--	--	**2,730 J**	**8,460 J**	**10,700 J**	**649 J**	**445 J**	**860 J**	**2,370 J**	**4,500 J**
Manganese	1,600	2,000	10,000	**336**	**1,970**	**411**	**181 J**	**585 J**	**664 J**	**145 J**	**336**
Mercury	0.18	0.73	5.7	**0.0042 J**	**0.040 J**	**0.051**	**0.037 J**	**0.011 J**	**0.036 J**	**0.017 J**	**0.052**
Nickel	30	130	10,000	**8.9 J**	**14.3 J**	**38.7 J**	**4.8 J**	**14.2 J**	**45.4 J**	**6.2 J**	**9.3 J**
Potassium	--	--	--	**605**	**954**	**679**	**401**	**286**	**431**	**241**	**641**
Selenium	3.9	4	6,800	0.72 U	0.61 U	0.60 U	0.58 U	0.52 U	0.70 U	1.4 U	0.46 U
Silver	2	8.3	6,800	0.072 UJ	0.061 UJ	**0.99 J**	0.058 UJ	0.052 UJ	0.070 U	0.14 U	0.046 UJ
Sodium	--	--	--	**420 J**	**150**	**224 J**	**117 J**	**166 J**	**156**	**1,580**	**234 J**
Thallium	--	--	--	0.25 UJ	0.21 UJ	0.21 UJ	**0.39 J**	0.18 UJ	**0.57 J**	**3.1 J**	0.16 UJ
Vanadium	--	--	--	**17.2**	**61.5**	**11.5**	**7.1 J**	**24.5 J**	**21.0 J**	**0.82 J**	**13.7**
Zinc	109	2,480	10,000	**26.3 J**	**74.9 J**	**142 J**	**15.7 J**	**14.2 J**	**31.2 J**	6.0 UJ	**20.8 J**

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.
- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
R - The data are unusable.
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 5
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DETECTED METALS
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO mg/kg	6 NYCRR Part 375 Protection of Groundwater SCO mg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO mg/kg	SB-14 1'-3' bgs 5/27/2014 SOIL mg/kg	SB-14 6'-8 bgs 5/27/2014 SOIL mg/kg	SB-15 0'-4 bgs 5/27/2014 SOIL mg/kg	SB-15 5'-7' bgs 5/27/2014 SOIL mg/kg	SB-16 0'-5' bgs 5/27/2014 SOIL mg/kg	SB-17 0'-4' bgs 5/27/2014 SOIL mg/kg	SB-19 0'-3.5' 5/27/2014 SOIL mg/kg	SB-20 0'-3' bgs 5/27/2014 SOIL mg/kg
TAL METALS (Total)											
Aluminum	--	--	--	5,650	4,700	3,900	5,510	3,150	3,240	6,410	2,700
Antimony	--	--	--	0.40 U	0.55 U	0.37 U	0.52 U	0.40 J	1.6 J	2.2 J	1.9 J
Arsenic	13	16	16	5.2	5.8	5.2	2.7	6.6	3.9	11.4	7.1
Barium	350	820	10,000	34.3 J	36.5 J	59.5 J	31.2 J	35.5 J	69.8 J	235 J	61.9 J
Beryllium	7.2	47	2,700	0.24 J	0.22 J	0.22 J	0.24 J	0.22	0.18 J	0.31	0.22
Cadmium	2.5	7.5	60	0.097 J	0.36 J	0.37 J	0.045 J	0.41 J	0.66 J	1.1 J	1.3 J
Calcium	--	--	--	12,600 J	9,610 J	3130 J	5,030 J	173,000 J	29,500 J	104,000 J	146,000 J
Chromium	30	--	6,800	17.4 J	19.9 J	17.1 J	8.8 J	47.8 J	18.6 J	165 J	27.0 J
Cobalt	--	--	--	4.6 J	5.5 J	4.1 J	3.8 J	6.1 J	3.2 J	12.2 J	3.6 J
Copper	50	1,720	10,000	61.8	44.7	47.7	12.3	46.5	81.3	169	188
Iron	--	--	--	36,700	87,400	52,400	18,700	44,500	22,900	86,100	37,000
Lead	63	450	3,900	34.7 J	73.1 J	44.7 J	37.9 J	53.4 J	220 J	103 J	180 J
Magnesium	--	--	--	2490 J	1000 J	749 J	1,060 J	7,670 J	1,740 J	51,900 J	9,600 J
Manganese	1,600	2,000	10,000	614 J	878 J	1,230 J	349 J	609 J	889 J	1,170 J	1,410 J
Mercury	0.18	0.73	5.7	0.028 J	0.032 J	0.015 J	0.015 J	0.043	0.094	0.26	0.091
Nickel	30	130	10,000	124 J	91.5 J	29.3 J	11.0	235 J	42.9 J	484 J	56.9 J
Potassium	--	--	--	709	636	524	662	506	425	1,120	356
Selenium	3.9	4	6,800	0.68 U	0.93 U	0.62 U	0.88 J	0.53 U	0.60 U	0.77 U	0.42 U
Silver	2	8.3	6,800	0.068 U	0.093 U	0.062 U	0.088 U	0.053 U	0.060 U	0.077 U	0.042 U
Sodium	--	--	--	326	1,020	120	86.3	140	273	338	121
Thallium	--	--	--	0.39 J	1.7 J	0.23 J	0.46 J	2.0 J	0.21 UJ	1.3 J	0.18 J
Vanadium	--	--	--	20.1 J	28.2 J	30.9 J	16.4 J	14.7 J	20.7 J	68.1 J	29.9 J
Zinc	109	2,480	10,000	43.7 J	40.6 J	91.3 J	113 J	49.0 J	206 J	128 J	170 J

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.
- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
R - The data are unusable.
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 5
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DETECTED METALS
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO mg/kg	6 NYCRR Part 375 Protection of Groundwater SCO mg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO mg/kg	SB-21 0'-3.5' bgs 5/27/2014 SOIL mg/kg	SB-23 0'-3.5' bgs 5/28/2014 SOIL mg/kg	SB-24 0'-2.8' bgs 5/27/2014 SOIL mg/kg	DUPLICATE 5/28/14 (SB-24 - 0'-2.8') 5/28/2014 SOIL mg/kg	SB-26 0'-3' bgs 5/28/2014 SOIL mg/kg	SB-27 0'-4' bgs 5/28/2014 SOIL mg/kg	SB-28 0'-2' bgs 5/28/2014 SOIL mg/kg	SB-28 3'-5' bgs 5/28/2014 SOIL mg/kg
TAL METALS (Total)											
Aluminum	--	--	--	3,660	1710	3,390 J	2,300 J	11,800	3,690	5,450	4,940
Antimony	--	--	--	3.2 J	1.4 J	16.1 J	12.6 J	1.1 J	0.69 J	2.3 J	0.49 UJ
Arsenic	13	16	16	5.6	16.7	6.4	4.3	3.5	0.93 J	19.3	11.4
Barium	350	820	10,000	51.3 J	61.2 J	45.4 J	33.9 J	45.6	29.7	111	31.1
Beryllium	7.2	47	2,700	0.33	0.21	0.25 U	0.15 J	0.60	0.5 U	1.1	0.5 U
Cadmium	2.5	7.5	60	1.1 J	9.7 J	0.92 J	0.29 J	0.24 J	0.54	0.86	0.50
Calcium	--	--	--	4,080 J	207,000 J	71,800 J	101,000 J	17,900 J	2,250 J	32,300 J	14,200 J
Chromium	30	--	6,800	32.1 J	33.4 J	30.1 J	14.7 J	26.4	15.4	71.3	42.8
Cobalt	--	--	--	7.6 J	9.6 J	6.3 J	3.1 J	8.0 J	5.8 J	12.1 J	6.5 J
Copper	50	1,720	10,000	59.1	258	91.0 J	54.1 J	228	30.2	1,850	39.0
Iron	--	--	--	101,000	77,900 *	99,800 J	29,100 J	21,400	123,000	77,800	107,000
Lead	63	450	3,900	54.3 J	87.1 J	131 J	81.9 J	108 J	20.5 J	452 J	127 J
Magnesium	--	--	--	728 J	10,600 J	4,250 J	13,000 J	8,860 J	622 J	2,900 J	1,360 J
Manganese	1,600	2,000	10,000	1,060 J	582 J	1,170 J	461 J	507 J	1,420 J	484 J	1,100 J
Mercury	0.18	0.73	5.7	0.039 J	0.086	0.079	0.096	0.060	0.022 J	0.25	0.057
Nickel	30	130	10,000	141 J	46.6 J	71.2 J	42.4 J	27.8 J	12.6 J	550 J	138 J
Potassium	--	--	--	575	436	402 J	281 J	1,950	372	449	481
Selenium	3.9	4	6,800	0.55 U	0.53 U	0.62 U	0.48 U	1.1 J	0.78 U	0.48 U	0.82 U
Silver	2	8.3	6,800	0.055 U	0.053 U	0.062 U	0.048 U	0.068 U	0.078 U	0.048 U	0.082 U
Sodium	--	--	--	104	114	126 J	83.7 J	100	53.4 J	177	120
Thallium	--	--	--	0.19 UJ	1.0 J	0.21 UJ	0.65 J	0.24 U	0.37 J	0.17 U	0.28 U
Vanadium	--	--	--	28.3 J	25.1 J	30.9 J	13.0 J	40.4	32.1	23.8	34.9
Zinc	109	2,480	10,000	91.8 J	226 J	135 J	114 J	174 J	63.4 J	272 J	70.5 J

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
R - The data are unusable.
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 5
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DETECTED METALS
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO mg/kg	6 NYCRR Part 375 Protection of Groundwater SCO mg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO mg/kg	SB-29 0'-2.5' bgs 5/28/2014 SOIL mg/kg	SB-29 2.5'-4.5 bgs 5/28/2014 SOIL mg/kg	SB-31 0'-2' bgs 5/28/2014 SOIL mg/kg	DUPLICATE-2 5/28/14 (SB-31 - 0'-2') 5/28/2014 SOIL mg/kg	SB-31 2'-4' bgs 5/28/2014 SOIL mg/kg	SB-32 2'-4' bgs 5/29/2014 SOIL mg/kg	DUPLICATE 5/29/14 (SB-32 - 2'-4') 5/29/2014 SOIL mg/kg	SB-34 1'-4 bgs 5/28/2014 SOIL mg/kg
TAL METALS (Total)											
Aluminum	--	--	--	**3,080**	**3,370**	**4,130**	**3,620**	**229**	**3,180**	**3,090**	**3,810**
Antimony	--	--	--	**1.0 J**	**0.55 J**	**0.48 J**	**0.55 J**	0.70 J	**3.6 J**	**3.0 J**	0.65 J
Arsenic	13	16	16	**3.9**	**0.82**	**7.9 J**	**4.7 J**	0.75 U	R	R	**6.7**
Barium	350	820	10,000	**47.5**	**28.1**	**56.4**	**42.2**	**56.0**	**39.2**	**28.0**	**63.2**
Beryllium	7.2	47	2,700	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.23 J**	0.5 U	0.5 U
Cadmium	2.5	7.5	60	**0.28 J**	**0.83**	0.018 U	0.015 U	0.028 U	**5.8 J**	**2.5 J**	**0.045 J**
Calcium	--	--	--	**162,000 J**	**1,160 J**	**11,200 J**	**4,430 J**	**328,000 J**	**1,250 J**	**5,010 J**	**39200 J**
Chromium	30	--	6,800	**19.8**	**18.2**	**24.5 J**	**15.0 J**	**0.92 J**	**49.1 J**	**24.9 J**	**6.2**
Cobalt	--	--	--	**4.5 J**	**7.8 J**	**6.0 J**	**4.5 J**	**0.51 J**	**12.2 J**	**7.9 J**	**2.9 J**
Copper	50	1,720	10,000	**37.9**	**47.6**	**31.2**	**24.5**	**2.5 J**	**58.3 J**	**30.7 J**	**25.9**
Iron	--	--	--	**24,200**	**121,000**	**68,900**	**58,100**	**1,600**	**203,000**	**119,000**	**11,500**
Lead	63	450	3,900	**50.1 J**	**8.2 J**	**122 J**	**91.1 J**	**3.0 J**	**14.8**	**11.5**	**85.3 J**
Magnesium	--	--	--	**17,500 J**	**503 J**	**3,010 J**	**922 J**	**2,360 J**	**590 J**	**707 J**	**1,980 J**
Manganese	1,600	2,000	10,000	**406 J**	**660 J**	**844 J**	**741 J**	**166 J**	**951 J**	**621 J**	**157 J**
Mercury	0.18	0.73	5.7	**0.10**	**0.099**	**0.040 J**	**0.024 J**	**0.082**	**0.17**	**0.17**	**0.32**
Nickel	30	130	10,000	**56.8 J**	**18.3 J**	**85.8 J**	**36.5 J**	**1.6 J**	**31.3 J**	**21.9 J**	**9.2 J**
Potassium	--	--	--	**526**	**377**	**505**	**435**	**64.0 J**	**255**	**288**	**430**
Selenium	3.9	4	6,800	0.75 U	0.48 U	**1.4 J**	**1.2 J**	1.2 U	0.53 U	0.46 U	**4.4**
Silver	2	8.3	6,800	0.075 U	0.048 U	0.076 U	0.066 U	0.12 U	0.053 U	**0.26 J**	0.11 U
Sodium	--	--	--	**151**	**116**	**93.8**	**79.9**	**72.5 J**	**152**	**131**	**181**
Thallium	--	--	--	**0.77 J**	0.17 U	**0.63 J**	**0.63 J**	**0.71 J**	0.18 U	0.16 U	0.38 U
Vanadium	--	--	--	**38.8**	**22.8**	**23.3**	**19.7**	**1.1 J**	**32.1 J**	**21.2 J**	**10.3**
Zinc	109	2,480	10,000	**198 J**	**9.5 J**	**57.3 J**	**27.1 J**	**6.1 J**	**20.8 J**	**16.1 J**	**124 J**

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.
- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
R - The data are unusable.
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 5
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DETECTED METALS
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO mg/kg	6 NYCRR Part 375 Protection of Groundwater SCO mg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO mg/kg	SB-35 0'-2.5 bgs 5/28/2014 SOIL mg/kg	SB-36 0'-3' bgs 5/28/2014 SOIL mg/kg	SB-38 1.5'-3.5' bgs 5/29/2014 SOIL mg/kg	SB-39 1'-3' bgs 5/29/2014 SOIL mg/kg	SB-40 1.0'-3.5' bgs 5/29/2014 SOIL mg/kg	SB-42 2'-4' bgs 5/29/2014 SOIL mg/kg	SB-43 2'-4' bgs 5/29/2014 SOIL mg/kg	SB-44 0.5'-3' bgs 5/29/2014 SOIL mg/kg
TAL METALS (Total)											
Aluminum	--	--	--	3,960	2,400	4,520	5,220	2,340	2,700	3,080	2,970
Antimony	--	--	--	0.35 UJ	1.0 J	2.6 J	1.4 J	1.7 J	1.2 J	0.47 J	0.43 J
Arsenic	13	16	16	6.8	12.7	R	R	6.3 R	R	R	3.0
Barium	350	820	10,000	35.5	43.4	79.4	114	43.5	26.7	28.0	10.9 B
Beryllium	7.2	47	2,700	0.30	0.44	0.57 J	0.32	0.31 J	0.26 J	0.5 U	0.5 U
Cadmium	2.5	7.5	60	0.044 J	0.060 J	0.93 J	2.0 J	1.5 J	2.2 J	0.67 J	0.019 J
Calcium	--	--	--	11,000 J	18,400 *	27,600 J	52,300 J	13,000 J	817 J	1,400 J	107,000 J
Chromium	30	--	6,800	12.7	21.5	13.8 J	18.6 J	12.6 J	20.1 J	11.8 J	17.8
Cobalt	--	--	--	4.7 J	6.1 J	9.7 J	7.2 J	7.8 J	8.0 J	5.6 J	2.5 J
Copper	50	1,720	10,000	13.7	38.6	496 J	56.1 J	69.3 J	32.9 J	15.1 J	23.7
Iron	--	--	--	64,500	57,300	39,800	60,100	54,700	110,000 J	64,200	6,790
Lead	63	450	3,900	16.2 J	55.5 J	194	104	80.9	25.4 J	2.4	7.3 J
Magnesium	--	--	--	1,390 J	1,820 J	8,510 J	3,220 J	4170 J	323 J	619 J	58,600 J
Manganese	1,600	2,000	10,000	359 J	576 J	260 J	423 J	430 J	648 J	809 J	109 J
Mercury	0.18	0.73	5.7	0.027 J	0.17	0.19	0.13	0.048	0.081	0.0034 J	0.033 J
Nickel	30	130	10,000	19.8 J	48.7 J	32.5 J	37.6 J	20.0 J	81.2 J	10.2 J	169 J
Potassium	--	--	--	502	364	540	686	417	284	329	967
Selenium	3.9	4	6,800	0.77 J	1.9	1.1 J	0.61 U	0.87 J	1.4 U	0.8 U	0.72 U
Silver	2	8.3	6,800	0.059 U	0.069 U	0.54 J	0.46 J	0.49 J	0.49 J	0.65 J	0.072 U
Sodium	--	--	--	84.5	85.8	131	522	199	101	219	162
Thallium	--	--	--	1.2	0.73 J	1.1 J	0.94 J	1.2	0.74 J	1.3	0.81 J
Vanadium	--	--	--	18.5	25.5	13.4 J	13.7 J	14.4 J	22.9 J	13.3 J	6.3
Zinc	109	2,480	10,000	32.5 J	103 J	200 J	356 J	296 J	68.2 J	9.2 J	14.4 J

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
R - The data are unusable.
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 5
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DETECTED METALS
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO mg/kg	6 NYCRR Part 375 Protection of Groundwater SCO mg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO mg/kg	SB-45 0.5'-3' bgs 5/29/2014 SOIL mg/kg	SB-46 1'-3' bgs 5/29/2014 SOIL mg/kg	SB-47 0'-1' bgs 5/22/2014 SOIL mg/kg	SB-47 2'-3' bgs 5/22/2014 SOIL mg/kg	SB-48 1.5'-2.5' bgs 5/22/2014 SOIL mg/kg	DUPLICATE 5/22/14 (SB-48 - 1.5'-2.5') 5/22/2014 SOIL mg/kg	SB-49 1'-2' bgs 5/22/2014 SOIL mg/kg	SB-49 4'-5' bgs 5/22/2014 SOIL mg/kg
TAL METALS (Total)											
Aluminum	--	--	--	**3,830**	**3,450**	**2,090**	**3,540**	**1,410 J**	**1,720 J**	**2,180**	**3,160**
Antimony	--	--	--	**1.7 J**	**0.57 J**	0.26 U	R	**0.57 J**	**0.34 J**	0.32 U	R
Arsenic	13	16	16	**7.5**	**2.8**	**1.2 J**	**7.5 J**	R	R	**2.2 J**	**8.5 J**
Barium	350	820	10,000	**26.0**	**19.8**	**40.6**	**40.3**	**17.7 J**	**15.9 J**	**20.0**	**36.6**
Beryllium	7.2	47	2,700	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.16 J**
Cadmium	2.5	7.5	60	**6.4**	0.017 U	**0.80**	**1.5**	**0.036 J**	**0.027 J**	**0.079 J**	**0.57**
Calcium	--	--	--	**12,400 J**	**32,400 J**	**104,000**	**212,000**	**236,000**	**215,000**	**216,000**	**12,800**
Chromium	30	--	6,800	**26.2**	**8.5**	**14.6 J**	**15.9 J**	**4.4 J**	**3.7 J**	**7.0 J**	**41.7 J**
Cobalt	--	--	--	**4.8 J**	**2.9 J**	**2.5**	**3.3**	**1.7 J**	**1.9**	**2.6**	**5.4**
Copper	50	1,720	10,000	**49.2**	**15.2**	**16.2**	**363**	**12.4 J**	**9.3 J**	**10.7**	**204**
Iron	--	--	--	**23,500**	**15,200**	**6,920 J**	**22,400 J**	**3,530 E**	**4,220 J**	**5,160 J**	**33,100 J**
Lead	63	450	3,900	**45.3 J**	**15.7 J**	**25.8 J**	**564 J**	**13.0 J**	**8.3 J**	**12.6 J**	**69.2 J**
Magnesium	--	--	--	**4,400 J**	**4,540 J**	**13,800 J**	**11,900 J**	**12,200 J**	**14,700 J**	**15,300 J**	**1,860 J**
Manganese	1,600	2,000	10,000	**466 J**	**242 J**	**164**	**379**	**155 J**	**141 J**	**224**	**232**
Mercury	0.18	0.73	5.7	**0.017 J**	**0.032 J**	**0.016 B**	**0.069**	**0.013 J**	**0.0088 J**	**0.019 J**	**0.038 J**
Nickel	30	130	10,000	**275 J**	**37.6 J**	**9.6 J**	**91.0 J**	**8.2 J**	**8.4 J**	**11.1 J**	**305 J**
Potassium	--	--	--	**551**	**681**	**472**	**578**	**431**	**423**	**589**	**454**
Selenium	3.9	4	6,800	**1.2 J**	**0.74 J**	0.44 U	0.55 U	0.65 U	0.46 U	0.54 U	0.69 U
Silver	2	8.3	6,800	0.064 U	0.074 U	0.044 UJ	0.28 J	0.065 U	0.046 U	0.054 UJ	**0.28 J**
Sodium	--	--	--	**248**	**124**	**129 J**	**390 J**	**174 J**	**159 J**	**287 J**	**296 J**
Thallium	--	--	--	**0.34 J**	0.26 U	0.15 UJ	**0.36 J**	**0.69 J**	**0.82 J**	0.18 UJ	**0.83 J**
Vanadium	--	--	--	**12.6**	**12.5**	**11.2**	**12.8**	**31.3 J**	**27.7 J**	**45.5**	**15.4 J**
Zinc	109	2,480	10,000	**2,110 J**	**46.5 J**	**54.1 J**	**2,000 J**	**25.1 J**	**19.7 J**	**26.9 J**	**128 J**

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.
- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
R - The data are unusable.
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 5
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DETECTED METALS
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO mg/kg	6 NYCRR Part 375 Protection of Groundwater SCO mg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO mg/kg	SB-50 0'-2' bgs 5/23/2014 SOIL mg/kg	SB-52 2'-3' bgs 5/21/2014 SOIL mg/kg	DUPLICATE 5/21/14 (SB-52 - 2'-3') 5/21/2014 SOIL mg/kg	SB-53 1.5'-2.5' bgs 5/21/2014 SOIL mg/kg	SB-54 2.5'-3.5' bgs 5/21/2014 SOIL mg/kg	SB-55 1.5'-2.5' bgs 5/21/2014 SOIL mg/kg	SB-55 3'-4' bgs 5/21/2014 SOIL mg/kg	SB-56 0'-1' bgs 5/21/2014 SOIL mg/kg
TAL METALS (Total)											
Aluminum	--	--	--	**1,630**	**3,100 J**	**3,110 J**	**12,900 J**	**3,480 J**	**2,020 J**	**4,960 J**	**3,390 J**
Antimony	--	--	--	0.40 U	0.36 UJ	**0.45 J**	**0.29 J**	**0.73 J**	0.23 UJ	**0.42 J**	0.33 UJ
Arsenic	13	16	16	**2.6 J**	**6.8**	**6.1**	**6.5**	R	R	R	R
Barium	350	820	10,000	**97.5**	**53.9 J**	**37.0 J**	**123 J**	**71.9 J**	**21.6 J**	**42.6 J**	**48.2 J**
Beryllium	7.2	47	2,700	0.5 U	**0.19 J**	**0.17 J**	**1.0 J**	**0.21 J**	**0.13 J**	**0.27**	**0.15 J**
Cadmium	2.5	7.5	60	**0.034 J**	**2.8**	**2.2**	**0.90**	**0.99**	**0.71**	**0.70**	**0.44**
Calcium	--	--	--	**263,000**	R	**20,000**	**47,400**	**127,000**	**249,000**	**4,210**	**186,000**
Chromium	30	--	6,800	**7.2 J**	**16.1 J**	**15.4 J**	**36.6 J**	**27.9 J**	**11.3 J**	**18.0 J**	**6.4 J**
Cobalt	--	--	--	**1.6 J**	**3.4 J**	**3.3 J**	**4.4 J**	**4.2**	**7.1**	**3.7**	**3.3**
Copper	50	1,720	10,000	**10.5**	**95.8 J**	**48.7 J**	**54.2 J**	**148 J**	**44.4 J**	**26.1 J**	**24.1 J**
Iron	--	--	--	**5,140 J**	**19,900 J**	**19,600 J**	**31,100 J**	**21,000 J**	**28,400 J**	**17,200 J**	**14,300 J**
Lead	63	450	3,900	**12.3 J**	R	R	R	**98.7 J**	**24.8 J**	**642 J**	**8.1 J**
Magnesium	--	--	--	**64,800 J**	R	R	**4,330 J**	**19,800 J**	**28,200 J**	**1,400 J**	**44,900 J**
Manganese	1,600	2,000	10,000	**161**	**594 J**	**219 J**	**1,480 J**	**352 J**	**330 J**	**202 J**	**446 J**
Mercury	0.18	0.73	5.7	**0.019 J**	**0.023 J**	**0.022 J**	**0.036 J**	**0.051**	**0.013 J**	**0.062**	**0.011 J**
Nickel	30	130	10,000	**7.5 J**	**93.6 J**	**152 J**	**128 J**	**29.2 J**	**18.2 J**	**127 J**	**8.7 J**
Potassium	--	--	--	**704**	**557 J**	**473 J**	**1,280 J**	**627**	**429**	**679**	**737**
Selenium	3.9	4	6,800	0.67 U	0.60 U	0.46 U	0.45 U	**0.72 J**	0.38 U	**0.53 J**	0.55 U
Silver	2	8.3	6,800	0.067 UJ	**0.27 J**	0.13 J	**0.44 J**	**0.42 J**	**0.75 J**	**0.068 J**	**0.081 J**
Sodium	--	--	--	**315 J**	**1,180**	**1,140**	**811**	**735 J**	**264 J**	**462 J**	**331**
Thallium	--	--	--	**1.2 J**	0.21 UJ	0.16 UJ	0.15 UJ	0.22 UJ	**0.40 J**	0.18 UJ	**0.52 J**
Vanadium	--	--	--	**33.0**	**10.8 J**	**7.9 J**	**22.3 J**	**23.1 J**	**6.3 J**	**12.4 J**	**8.7 J**
Zinc	109	2,480	10,000	**26.5 J**	**263 J**	**321 J**	**120 J**	**145 J**	**36.6 J**	**181 J**	**20.3 J**

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.
- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
R - The data are unusable.
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 5
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DETECTED METALS
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO mg/kg	6 NYCRR Part 375 Protection of Groundwater SCO mg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO mg/kg	SB-56 1.5'-2.5'bgs 5/21/2014 SOIL mg/kg	SB-58 2.5'-3.5' bgs 5/21/2014 SOIL mg/kg	SB-59 0.5'-2.0' bgs 5/22/2014 SOIL mg/kg	SB-60 1.5'-3.0' bgs 5/22/2014 SOIL mg/kg	SB-61 0'-3.0' bgs 5/22/2014 SOIL mg/kg	TW-1 0'-6' bgs 5/23/2014 SOIL mg/kg	TW-1 7'-8.5' bgs 5/23/2014 SOIL mg/kg	TW-1 10.5'-12' bgs 5/23/2014 SOIL mg/kg
TAL METALS (Total)											
Aluminum	--	--	--	**3,770 J**	**3,440 J**	**2,480 J**	**3,930 J**	**4,060 J**	4,380	5,180	6,530
Antimony	--	--	--	0.37 UJ	**0.85 J**	**0.45 J**	0.30 UJ	0.36 UJ	0.24 U	0.39 U	0.53 U
Arsenic	13	16	16	R	R	R	R	R	**2.6 J**	**2.0 J**	**2.4**
Barium	350	820	10,000	**47.0 J**	**48.1 J**	**19.6 J**	**18.3 J**	**26.1 J**	**62.4**	**10.8**	**61.4**
Beryllium	7.2	47	2,700	**0.24**	**0.24**	0.5 U	**0.23**	**0.22 U**	**0.20**	0.5 U	0.5 U
Cadmium	2.5	7.5	60	**1.3**	**0.75**	**0.43**	0.012 U	0.014 U	**0.11 J**	**0.19 J**	**0.056 J**
Calcium	--	--	--	**91,000**	**98,600**	**4,000**	**1,410**	**1,430**	**181,000**	**88,000**	**153,000**
Chromium	30	--	6,800	**10.8 J**	**20.2 J**	**21.0 J**	**8.5 J**	**8.5 J**	**8.9 J**	**8.0 J**	**9.4 J**
Cobalt	--	--	--	**4.1**	**3.2**	**4.8**	**2.5**	**3.2**	**3.4**	**4.5**	**5.4**
Copper	50	1,720	10,000	**1,060 J**	**22.4 J**	**27.5 J**	**16.0 J**	**17.8 J**	**27.1**	**13.8**	**11.7**
Iron	--	--	--	**15,900 J**	**37,400 J**	**77,600 J**	**14,400 J**	**20,100 J**	**10,800 J**	**31,300 J**	**10,500 J**
Lead	63	450	3,900	**127 J**	**61.7 J**	**52.3 J**	**22.8 J**	**32.0 J**	**7.7 J**	**4.8 J**	**5.2 J**
Magnesium	--	--	--	**25,100 J**	**4,240 J**	**994 J**	**970 J**	**766 J**	**57,000 J**	**42,400 J**	**13,200 J**
Manganese	1,600	2,000	10,000	**218 J**	**491 J**	**1,210 J**	**213 J**	**689 J**	**331**	**1,020**	**286**
Mercury	0.18	0.73	5.7	**0.039**	**0.027 J**	**0.054**	**0.034 J**	**0.021 J**	**0.011 J**	**0.0079 J**	**0.016 J**
Nickel	30	130	10,000	**23.5 J**	**51.3 J**	**69.2 J**	**26.9 J**	**33.2 J**	**9.3 J**	**10.6 J**	**15.6 J**
Potassium	--	--	--	**414**	**505**	**345**	**679**	**447**	**1,040**	**1,020**	**1,340**
Selenium	3.9	4	6,800	0.62 U	0.59 U	**1.7 J**	**1.3**	**0.77 J**	0.40 U	0.66 U	**2.0 J**
Silver	2	8.3	6,800	**2.8**	**0.17 J**	0.071 U	0.050 U	0.060 U	0.040 UJ	0.066 UJ	0.089 UJ
Sodium	--	--	--	**463 J**	**364 J**	**173 J**	**47.5 J**	**84.6 J**	**176**	**182 J**	**271**
Thallium	--	--	--	0.21 UJ	0.20 U	**0.37 J**	**0.28 J**	0.21 UJ	**0.96 J**	0.23 UJ	0.31 UJ
Vanadium	--	--	--	**10.0 J**	**15.1 J**	**30.3 J**	**10.6 J**	**16.6 J**	**8.6**	**8.2**	**11.7**
Zinc	109	2,480	10,000	**147 J**	**71.5 J**	**137 J**	**51.9 J**	**36.8 J**	**31.2 J**	**39.3 J**	**28.1 J**

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.
- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
R - The data are unusable.
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 5
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DETECTED METALS
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO mg/kg	6 NYCRR Part 375 Protection of Groundwater SCO mg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO mg/kg	TW-13 1'-4' bgs 5/27/2014 SOIL mg/kg	TW-13 10'-12' bgs 5/27/2014 SOIL mg/kg	TW-18 0'-4 bgs 5/27/2014 SOIL mg/kg	TW-18 5'-7' bgs 5/27/2014 SOIL mg/kg	TW-18 11'-12' bgs 5/27/2014 SOIL mg/kg	TW-25 4.5'-6.5' bgs 5/28/2014 SOIL mg/kg	TW-25 7'-8' bgs 5/28/2014 SOIL mg/kg	TW-25 10'-12' bgs 5/28/2014 SOIL mg/kg
TAL METALS (Total)											
Aluminum	--	--	--	**2,490**	**4,580**	**4,380**	**1,180**	**19.5**	**3,350**	**1,170**	**353**
Antimony	--	--	--	**0.40 J**	1.3 U	**1.9 J**	1.8 U	0.66 U	**3.4 J**	**1.5 J**	**1.2 J**
Arsenic	13	16	16	**2.9**	**2.1 J**	**5.4**	2.0 U	0.71 U	**4.5**	**1.7**	0.89 U
Barium	350	820	10,000	**31.5 J**	**38.7 J**	**35.6 J**	**61.4 J**	**37.6 J**	**43.1**	**45.9**	**32.2**
Beryllium	7.2	47	2,700	**0.15 J**	**0.19 J**	**0.28**	**0.034 J**	0.0026 U	0.5 U	0.5 U	0.5 U
Cadmium	2.5	7.5	60	**0.22 J**	**0.12 J**	**0.32 J**	**0.29 J**	0.026 U	**2.0**	**0.089 J**	**0.057 J**
Calcium	--	--	--	**85,100 J**	**26,200 J**	**10,700**	**60,400 J**	**372,000 J**	**5,110 J**	**226,000 J**	**285,000 J**
Chromium	30	--	6,800	**5.7 J**	**9.8 J**	**20.6 J**	**1.4 J**	1.0 U	**24.4**	**6.2**	**0.51 J**
Cobalt	--	--	--	**4.1 J**	**4.5 J**	**4.6 J**	0.21 U	**0.16 J**	**9.6 J**	5.0 UJ	5.0 UJ
Copper	50	1,720	10,000	**9.5**	**13.4**	**48.0**	**4.5 J**	**0.68 J**	**70.4**	**19.1**	**3.6**
Iron	--	--	--	**27,600**	**23,300**	**48,800**	**5,020**	**258**	**191,000**	**53,000**	**514**
Lead	63	450	3,900	**19.3 J**	**14.4 J**	**84.1 J**	**2.4 J**	0.30 U	**17.2 J**	**6.2 J**	0.37 U
Magnesium	--	--	--	**2,520 J**	**2,160 J**	**887 J**	**1,540 J**	**2,180 J**	**618 J**	**4,020 J**	**2,060 J**
Manganese	1,600	2,000	10,000	**298 J**	**312 J**	**454 J**	**257 J**	**246 J**	**975 J**	**249 J**	**123 J**
Mercury	0.18	0.73	5.7	**0.020 J**	**0.042 J**	**0.11**	**0.046 J**	**0.0090 J**	**0.13**	**0.024 J**	**0.014 J**
Nickel	30	130	10,000	**21.9 J**	**59.0 J**	**82.5 J**	**13.7 J**	**2.4 J**	**22.2 J**	**8.8 J**	4.0 UJ
Potassium	--	--	--	**360**	**592**	**521**	500 U	500 U	**246**	**201**	**114**
Selenium	3.9	4	6,800	0.44 U	**5.3 J**	0.52 U	**5.5 J**	1.1 U	0.59 U	0.78 U	1.4 U
Silver	2	8.3	6,800	0.044 U	0.23 U	0.052 U	0.31 U	0.11 U	0.059 U	0.078 U	0.14 U
Sodium	--	--	--	**87.6**	**210**	**75.3**	**423**	**142**	**510**	**606**	**834**
Thallium	--	--	--	**1.0 J**	0.78 UJ	**1.2 J**	1.1 UJ	**3.3 J**	0.20 U	**1.9**	0.48 U
Vanadium	--	--	--	**8.6 J**	**17.3 J**	**19.4 J**	**2.7 J**	**0.28 J**	**35.2**	**9.5**	0.50 J
Zinc	109	2,480	10,000	**46.0 J**	**122 J**	**78.4 J**	**16.8 J**	3.6 UJ	**18.7 J**	**12.4 J**	**12.1 J**

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.
- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
R - The data are unusable.
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 5
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DETECTED METALS
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO mg/kg	6 NYCRR Part 375 Protection of Groundwater SCO mg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO mg/kg	TW-30 1.5'-3.5' bgs 5/29/2014 SOIL mg/kg	TW-30 6'-8' bgs 5/29/2014 SOIL mg/kg	TW-30 10'-12' bgs 5/29/2014 SOIL mg/kg	TW-30 13'-14' bgs 5/29/2014 SOIL mg/kg	TW-33 0'-2.5' bgs 5/29/2014 SOIL mg/kg	TW-33 3'-4' bgs 5/29/2014 SOIL mg/kg	TW-33 7'-8' bgs 5/29/2014 SOIL mg/kg	TW-33 11'-12' bgs 5/29/2014 SOIL mg/kg
TAL METALS (Total)											
Aluminum	--	--	--	**3,020**	**240**	**1,090**	**1,320**	**2,690**	**2,100**	**456**	**983**
Antimony	--	--	--	**0.99 J**	1.2 UJ	1.0 UJ	1.3 UJ	**0.59 J**	**2.0 J**	1.7 UJ	1.6 UJ
Arsenic	13	16	16	R	R	1.1 U*	1.4 U	R	0.45 U	1.8 U	1.8 U
Barium	350	820	10,000	**39.1**	**76.8**	**36.8**	**31.4 J**	**91.5**	**47.8**	**24.7 J**	**27.5 J**
Beryllium	7.2	47	2,700	**0.31 J**	**0.015 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cadmium	2.5	7.5	60	**1.1 J**	0.048 UJ	**0.043 J**	**0.23 J**	**0.84 J**	**5.8 J**	**0.11 J**	**0.16 J**
Calcium	--	--	--	**8,080 J**	**386,000 J**	**270,000 J**	**73,500 J**	**222,000 J**	**1,590 J**	**37,800 J**	**46,600 J**
Chromium	30	--	6,800	**33.3 J**	1.0 UJ	1.0 UJ	**9.0 J**	**27.5 J**	**35.0 J**	1.0 UJ	**2.7 J**
Cobalt	--	--	--	**5.8 J**	5.0 U	5.0 U	5.0 U	**4.3 J**	**6.6 J**	5.0 U	5.0 U
Copper	50	1,720	10,000	**36.5 J**	**2.6 J**	**4.0 J**	**15.4 J**	**45.5 J**	**42.5 J**	**3.2 J**	**5.9 J**
Iron	--	--	--	**72,100**	**1,550**	**592**	**8,670**	**36,800**	**224,000**	**1,380**	**5,330**
Lead	63	450	3,900	**39.6**	**1.3 J**	0.46 U	**5.2**	**57.4**	**4.4**	**0.98 J**	**1.2 J**
Magnesium	--	--	--	**1,650 J**	**3,330 J**	**2,290 J**	**2,880 J**	**31,700 J**	**1,800 J**	**2370 J**	**3,660 J**
Manganese	1,600	2,000	10,000	**1,490 J**	**191 J**	**49.1 J**	**171 J**	**747 J**	**1,850 J**	**44.9 J**	**82.1 J**
Mercury	0.18	0.73	5.7	**0.045**	**0.030 J**	**0.034 J**	**0.047 J**	**0.036 J**	**0.027 J**	**0.033 J**	**0.039 J**
Nickel	30	130	10,000	**106 J**	**1.8 J**	**10.1 J**	**17.2 J**	**79.7 J**	**12.2 J**	4.0 U	**6.7 J**
Potassium	--	--	--	**345**	**121 B**	**189**	**241**	**736**	**187**	**108 J**	**133 J**
Selenium	3.9	4	6,800	0.61 U	**5.0**	**4.9**	**8.2**	0.56 U	0.70 U	**5.5 J**	**5.6 J**
Silver	2	8.3	6,800	**0.68 J**	0.20 U	0.17 U	**0.25 J**	**0.35 J**	**0.11 J**	0.28 U	0.28 U
Sodium	--	--	--	**107**	**273**	**602**	**581**	**212**	**74.0**	**514**	**401**
Thallium	--	--	--	0.21 U	**2.0 J**	1.7 U	0.77 U	**2.4**	0.24 U	0.98 U	0.95 U
Vanadium	--	--	--	**36.9 J**	5.0 UJ	5.0 UJ	5.0 UJ	**23.9 J**	**22.2 J**	5.0 UJ	5.0 UJ
Zinc	109	2,480	10,000	**39.2 J**	**8.5 J**	**9.1 J**	**36.1 J**	**67.7 J**	**19.0 J**	**15.6 J**	**13.9 J**

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.
- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

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J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
R - The data are unusable.
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 5
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DETECTED METALS
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO mg/kg	6 NYCRR Part 375 Protection of Groundwater SCO mg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO mg/kg	TW-37 3'-5' bgs 5/28/2014 SOIL mg/kg	TW-37 8'-10' bgs 5/28/2014 SOIL mg/kg	TW-37 11'-12' bgs 5/28/2014 SOIL mg/kg	TW-41 0'-1' bgs 5/20/2014 SOIL mg/kg	TW-41 3.5'-4.5' bgs 5/20/2014 SOIL mg/kg	TW-41 5.5'-6.5' bgs 5/20/2014 SOIL mg/kg	TW-41 11'-12' bgs 5/20/2014 SOIL mg/kg	TW-51 0'-1' bgs 5/21/2014 SOIL mg/kg
TAL METALS (Total)											
Aluminum	--	--	--	1,030	1,480	419	4,420 J	2,640 J	3,120 J	578 J	914 J
Antimony	--	--	--	0.81 J	0.94 J	2.2 J	0.43 UJ	1.1 J	1.5 J	0.81 UJ	0.24 UJ
Arsenic	13	16	16	0.46 U	5.2	2.3 U	3.6	9.6	9.0	1.2 J	R
Barium	350	820	10,000	17.5	37.1	12.8 J	24.6 J	69.8 J	67.2 J	32.5 J	11.8 J
Beryllium	7.2	47	2,700	0.5 U	0.5 U	0.5 U	0.21 J	0.27 J	0.29 J	0.015 J	0.10 J
Cadmium	2.5	7.5	60	2.1	0.037 U	0.093 J	0.16 J	0.19 J	3.7	0.064 J	0.10 J
Calcium	--	--	--	1,440 J	40,300 J	36,400 J	170,000	31,700	13,500	216,000	271,000
Chromium	30	--	6,800	36.2	14.1	1.1 J	8.0 J	9.7 J	46.6 J	1.2 J	2.8
Cobalt	--	--	--	20.3 J	5.2 J	0.35 J	3.0 J	4.9	9.7 J	0.21 J	2.1
Copper	50	1,720	10,000	41.5	31.2	3.8 J	9.7 J	54.9 J	182 J	4.3 J	7.4 J
Iron	--	--	--	225,000	46,000	1,520	6,470 J	R	245,000 J	860 J	4,070 J
Lead	63	450	3,900	11.2 J	27.8 J	3.2 J	R	R	R	12.3 J	
Magnesium	--	--	--	241 J	1,940 J	1,930 J	50,400 J	2,840 J	920 J	1,740 J	27,500 J
Manganese	1,600	2,000	10,000	1,520 J	349 J	78.2 J	207 J	287 J	2,030 J	97.2 J	181 J
Mercury	0.18	0.73	5.7	0.0028 U	0.070 J	0.027 J	0.0029 U	0.091 J	0.012 J	0.0061 U	0.0054 J
Nickel	30	130	10,000	32.7 J	17.0 J	4.2 J	6.3 J	12.8 J	16.4 J	2.3 J	6.4 J
Potassium	--	--	--	90.9	378	214 B	515 J	474	381	80.6 J	468
Selenium	3.9	4	6,800	0.71 U	3.6 J	3.7 U	0.83 J	4.0	1.3 U	2.8 J	0.40 U
Silver	2	8.3	6,800	0.071 U	0.16 U	0.37 U	0.14 J	0.17 U	0.39 J	0.14 U	0.040 U
Sodium	--	--	--	184	723	1,780	145	503	404	501	305 J
Thallium	--	--	--	0.24 U	0.66 J	5.7 U	1.8 J	0.57 UJ	0.92 J	0.47 UJ	1.4 J
Vanadium	--	--	--	31.4	13.7	3.3 J	9.4 J	10.2 E	21.0 J	0.91 J	21.7 J
Zinc	109	2,480	10,000	6.3 J	50.2 J	14.7 J	23.6 J	43.4 J	48.2 J	7.0 J	14.4 J

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.
- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
R - The data are unusable.
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 5
SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DETECTED METALS
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO mg/kg	6 NYCRR Part 375 Protection of Groundwater SCO mg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial SCO mg/kg	TW-51 4.5'-5.5' bgs 5/21/2014 SOIL mg/kg	TW-51 5.5'-6.5' bgs 5/21/2014 SOIL mg/kg	TW-51 11'-12' bgs 5/21/2014 SOIL mg/kg	TW-57 2.5'-3.5' bgs 5/22/2014 SOIL mg/kg	TW-57 10.8'-11.8' bgs 5/22/2014 SOIL mg/kg	TW-57 14.8'-15.8' bgs 5/22/2014 SOIL mg/kg	TW-62 2.5'-3.5' bgs 5/22/2014 SOIL mg/kg	TW-62 6.5'-7.5' bgs 5/22/2014 SOIL mg/kg	TW-62 11'-12' bgs 5/22/2014 SOIL mg/kg
TAL METALS (Total)												
Aluminum	--	--	--	**1,840 J**	**3,470 J**	**316 J**	**3,680 J**	**502 J**	**134 J**	**5,960 J**	**2,360 J**	**2,390 J**
Antimony	--	--	--	0.37 UJ	0.34 UJ	2.2 UJ	0.35 UJ	1.9 UJ	0.68 UJ	**0.37 J**	**0.42 J**	0.68 UJ
Arsenic	13	16	16	R	R	2.3 UJ	R	2.1 U	**2.4 J**	R	R	R
Barium	350	820	10,000	**17.3 J**	**26.1 J**	**15.7 J**	**38.6 J**	50 UJ	**35.9 J**	**35.0 J**	**21.0 J**	**27.0 J**
Beryllium	7.2	47	2,700	**0.12 J**	**0.23 J**	0.0085 U	**0.26**	**0.039 J**	**0.014 J**	**0.24**	0.5 U	0.5 U
Cadmium	2.5	7.5	60	**0.30**	**0.75**	0.085 U	**0.84**	**0.11 J**	0.027 U	**0.27**	**0.13 J**	**0.88**
Calcium	--	--	--	**416,000**	**8,980**	**30,900**	**9,070**	**32,700**	**305,000**	**4,430**	**61,100**	**17,500**
Chromium	30	--	6,800	**6.8 J**	**16.4 J**	**0.70 J**	**39.1 J**	**1.8 J**	1.0 UJ	**9.5 J**	**11.7 J**	**57.4 J**
Cobalt	--	--	--	**2.3 J**	**5.7**	**0.28 J**	**3.4**	**0.55 J**	**0.23 J**	**3.7**	**2.2 J**	**10.1**
Copper	50	1,720	10,000	**47.6 J**	**20.7 J**	**10.3 J**	**21.9 J**	**6.8 J**	2.5 UJ	**55.9 J**	**14.5 J**	**8.4 J**
Iron	--	--	--	**9,550 J**	**52,400 J**	**357 J**	**56,100 J**	**1,940 J**	568 J	**33,300 J**	**16,000 J**	**191,000 J**
Lead	63	450	3,900	**17.3 J**	**24.7 J**	**3.7 J**	**32.3 J**	**3.0 J**	**1.0 J**	**41.7 J**	**15.2 J**	**19.4 J**
Magnesium	--	--	--	**41,500 J**	**961 J**	**2,380 J**	**930 J**	**2,280 J**	**1,330 J**	**2,350 J**	**9,580 J**	**1,440 J**
Manganese	1,600	2,000	10,000	**255 J**	**383 J**	**62.9 J**	**3,730 J**	**93.3 J**	**74.7 J**	**503 J**	**494 J**	**7,960 J**
Mercury	0.18	0.73	5.7	**0.010 J**	**0.027 J**	0.015 U	**0.044 J**	0.015 U	0.0046 U	**0.040 J**	**0.030 J**	**0.16**
Nickel	30	130	10,000	**9.0 J**	**91.5 J**	**3.0 J**	**30.7 J**	**5.2 J**	**3.3 J**	**20.8 J**	**7.4 J**	**16.2 J**
Potassium	--	--	--	**569**	**437**	**162 J**	**405**	**235 J**	**57.1 J**	**508**	**315**	**245**
Selenium	3.9	4	6,800	0.62 U	0.58 U	3.6 U	**1.4**	3.2 U	**1.2 J**	**1.0 J**	0.59 U	**1.9 J**
Silver	2	8.3	6,800	**0.18 J**	**0.22 J**	0.36 U	**0.63 J**	0.32 U	0.11 U	0.058 U	0.059 U	0.11 U
Sodium	--	--	--	**206 J**	**381 J**	**3,630 J**	**459 J**	**1,580 J**	**211 J**	**113 J**	**180 J**	**957 J**
Thallium	--	--	--	**1.1 J**	0.20 UJ	1.2 UJ	**4.2 J**	1.1 UJ	**0.83 J**	**0.31 J**	0.20 UJ	**5.6 J**
Vanadium	--	--	--	**5.2 J**	**16.2 J**	**0.62 J**	**63.2 J**	**2.6 J**	**0.39 J**	**16.6 J**	**18.0 J**	**125 J**
Zinc	109	2,480	10,000	**28.7 J**	**61.7 J**	**10.6 J**	**45.3 J**	**44.0 J**	**6.7 J**	**101 J**	**58.7 J**	**16.0 J**

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.
- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.
- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
R - The data are unusable.
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 6

SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DECTECTED PESTICIDES and PCBs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial Use SCO µg/kg	SDP-1 5/20/2014 SOIL µg/kg	SDP-2 5/20/2014 SOIL µg/kg	SDP-3 5/20/2014 SOIL µg/kg	SDP-4 5/20/2014 SOIL µg/kg	SDP-5 5/20/2014 SOIL µg/kg	SDP-6 5/20/2014 SOIL µg/kg	SDP-7 5/20/2014 SOIL µg/kg
Pesticides										
4,4´-DDD	3.3	14,000	180,000	3.8 UJ	4.3 UJ	4.1 UJ	3.7 UJ	20 UJ	3.9 UJ	4.4 UJ
4,4´-DDE	3.3	17,000	120,000	3.8 UJ	**8.8 J**	4.1 UJ	3.7 UJ	20 UJ	3.9 UJ	**13 J**
4,4´-DDT	3.3	136,000	94,000	**4.5 NJ**	**22 J**	4.1 UJ	R	20 UJ	**16 J**	**4.6 J**
alpha-BHC	20	20	6,800	1.9 UJ	2.2 UJ	2.1 UJ	1.9 UJ	10 UJ	2.0 UJ	2.3 UJ
alpha-Chlordane	94	2,900	47,000	1.9 U	2.2 UJ	2.1 U	1.9 U	10 U	**5.3 J**	2.3 UJ
beta-BHC	36	90	14,000	1.9 U	2.2 UJ	2.1 U	1.9 U	10 U	2.0 UJ	2.3 UJ
delta-BHC	40	250	1,000,000	1.9 UJ	2.2 UJ	2.1 UJ	1.9 UJ	10 UJ	2.0 UJ	2.3 UJ
Dieldrin	5	100	2,800	**4.9 NJ**	R	4.1 U	R	20 U	3.9 UJ	**13 J**
Endosulfan sulfate	2,400	1,000,000	920,000	**9.9**	R	R	R	20 U	R	R
Endrin	14	60	410,000	3.8 U	4.3 UJ	4.1 U	3.7 U	20 U	3.9 UJ	4.4 UJ
Endrin aldehyde	--	--	--	3.8 U	4.3 UJ	4.1 U	3.7 U	20 U	3.9 UJ	4.4 UJ
Endrin ketone	--	--	--	3.8 UJ	**7.7 J**	4.1 UJ	3.7 UJ	20 UJ	3.9 UJ	4.4 UJ
gamma-BHC (Lindane)	100	100	23,000	1.9 U	2.2 UJ	2.1 U	1.9 U	10 U	2.0 UJ	2.3 UJ
gamma-Chlordane	--	--	--	1.9 U	2.2 UJ	2.1 U	1.9 U	R	**8.1 J**	2.3 UJ
Heptachlor	42	380	29,000	1.9 U	2.2 UJ	2.1 U	1.9 U	**13 J**	2.0 UJ	2.3 UJ
Heptachlor epoxide	--	--	--	1.9 U	**3.5 J**	2.1 U	1.9 U	10 U	2.0 UJ	2.3 UJ
PCBs				µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Aroclor-1242	-	-	-	38 UJ	43 UJ	41 UJ	37 UJ	**1,600 NJ**	39 UJ	44 UJ
Aroclor-1254	-	-	-	38 UJ	43 UJ	41 UJ	37 UJ	390 UJ	39 UJ	44 UJ
Aroclor-1260	-	-	-	38 UJ	43 UJ	41 UJ	37 UJ	390 UJ	39 UJ	44 UJ
Total PCBs	100	3,200	25,000	0.000	0.000	0.000	0.000	**1,600**	0.000	0.000

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
NJ - The compound analyte was tentatively identified with an estimated concentration.
R - The data are unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 6

SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DECTECTED PESTICIDES and PCBs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial Use SCO µg/kg	SDP-8 5/20/2014 SOIL µg/kg	SDP-9 5/20/2014 SOIL µg/kg	SDP-10 5/20/2014 SOIL µg/kg	SDP-11 5/20/2014 SOIL µg/kg	SDP-12 5/20/2014 SOIL µg/kg	SDP-13 5/20/2014 SOIL µg/kg	SDP-14 5/20/2014 SOIL µg/kg	SB-2 2.3'-3.3' bgs 5/23/2014 SOIL µg/kg
Pesticides											
4,4´-DDD	3.3	14,000	180,000	6.5 UJ	4.8 UJ	20 UJ	3.6 UJ	40 U	R	3.7 UJ	4.0 UJ
4,4´-DDE	3.3	17,000	120,000	6.5 UJ	4.8 UJ	20 UJ	3.6 UJ	40 UJ	R	3.7 UJ	4.0 UJ
4,4´-DDT	3.3	136,000	94,000	6.5 UJ	4.8 UJ	**120 J**	R	40 U	R	R	4.0 UJ
alpha-BHC	20	20	6,800	3.4 UJ	2.5 UJ	10 UJ	1.9 UJ	21 UJ	2.1 UJ	1.9 UJ	2.1 UJ
alpha-Chlordane	94	2,900	47,000	3.4 UJ	**2.5 J**	10 U	1.9 U	21 U	2.1 U	1.9 U	2.1 UJ
beta-BHC	36	90	14,000	3.4 UJ	2.5 UJ	R	1.9 U	21 U	2.1 U	1.9 U	2.1 UJ
delta-BHC	40	250	1,000,000	3.4 UJ	2.5 UJ	10 UJ	1.9 UJ	21 UJ	2.1 UJ	1.9 UJ	2.1 UJ
Dieldrin	5	100	2,800	6.5 UJ	4.8 UJ	20 U	3.6 U	40 U	4.0 U	3.7 U	4.0 UJ
Endosulfan sulfate	2,400	1,000,000	920,000	6.5 UJ	4.8 UJ	20 U	R	**85 NJ**	**52 NJ**	R	4.0 UJ
Endrin	14	60	410,000	6.5 UJ	4.8 UJ	**20**	3.6 U	40 U	**11 J**	**6.4 J**	4.0 UJ
Endrin aldehyde	--	--	--	6.5 UJ	4.8 UJ	20 U	3.6 U	40 U	**6.4 NJ**	**6.5 NJ**	4.0 UJ
Endrin ketone	--	--	--	6.5 UJ	4.8 UJ	R	**4.6 J**	40 UJ	**17 J**	3.7 UJ	4.0 UJ
gamma-BHC (Lindane)	100	100	23,000	3.4 UJ	2.5 UJ	10 U	1.9 U	21 U	2.1 U	1.9 U	2.1 UJ
gamma-Chlordane	--	--	--	3.4 UJ	**2.6 J**	10 U	**2.0 NJ**	21 U	**4.1**	**2.4**	2.1 UJ
Heptachlor	42	380	29,000	3.4 UJ	2.5 UJ	10 U	1.9 U	21 U	2.1 U	1.9 U	2.1 UJ
Heptachlor epoxide	--	--	--	3.4 UJ	2.5 UJ	**37 J**	1.9 U	21 U	2.1 U	1.9 U	2.1 UJ
PCBs				µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Aroclor-1242	-	-	-	65 UJ	48 UJ	39 UJ	36 UJ	40 UJ	40 UJ	37 UJ	40 UJ
Aroclor-1254	-	-	-	65 UJ	48 UJ	39 UJ	36 UJ	40 UJ	40 UJ	37 UJ	40 UJ
Aroclor-1260	-	-	-	65 UJ	48 UJ	39 UJ	36 UJ	40 UJ	40 UJ	37 UJ	40 UJ
Total PCBs	100	3,200	25,000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
NJ - The compound analyte was tentatively identified with an estimated concentration.
R - The data are unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 6

SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DECTECTED PESTICIDES and PCBs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial Use SCO µg/kg	SB-3 0'-7' bgs 5/23/2014 SOIL µg/kg	SB-4 0'-2.5' bgs 5/23/2014 SOIL µg/kg	SB-4 4'-6.5' bgs 5/23/2014 SOIL µg/kg	SB-5 0'-4.5' bgs 5/23/2014 SOIL µg/kg	SB-6 1'-3' bgs 5/27/2014 SOIL µg/kg	SB-6 6'-8 bgs 5/27/2014 SOIL µg/kg	SB-7 0'-1' bgs 5/22/2014 SOIL µg/kg
Pesticides										
4,4´-DDD	3.3	14,000	180,000	3.6 UJ	3.6 UJ	4.0 U	4.2 UJ	3.7 UJ	4.1 UJ	**4.8 J**
4,4´-DDE	3.3	17,000	120,000	3.6 UJ	3.6 UJ	4.0 U	4.2 UJ	3.7 UJ	4.1 UJ	3.7 UJ
4,4´-DDT	3.3	136,000	94,000	3.6 UJ	R	4.0 UJ	4.2 UJ	3.7 UJ	4.1 UJ	3.7 UJ
alpha-BHC	20	20	6,800	1.8 UJ	1.9 UJ	2.1 U	2.1 UJ	1.9 UJ	2.1 UJ	1.9 UJ
alpha-Chlordane	94	2,900	47,000	1.8 UJ	1.9 UJ	2.1 U	2.1 UJ	1.9 UJ	2.1 UJ	1.9 UJ
beta-BHC	36	90	14,000	1.8 UJ	1.9 UJ	2.1 U	2.1 UJ	1.9 UJ	2.1 UJ	1.9 UJ
delta-BHC	40	250	1,000,000	1.8 UJ	1.9 UJ	2.1 U	2.1 UJ	1.9 UJ	2.1 UJ	1.9 UJ
Dieldrin	5	100	2,800	3.6 UJ	3.6 UJ	4.0 U	4.2 UJ	3.7 UJ	4.1 UJ	3.7 UJ
Endosulfan sulfate	2,400	1,000,000	920,000	3.6 UJ	3.6 UJ	R	4.2 UJ	R	4.1 UJ	R
Endrin	14	60	410,000	3.6 UJ	3.6 UJ	4.0 U	4.2 UJ	3.7 UJ	4.1 UJ	3.7 UJ
Endrin aldehyde	--	--	--	3.6 UJ	3.6 UJ	4.0 U	4.2 UJ	3.7 UJ	4.1 UJ	3.7 UJ
Endrin ketone	--	--	--	3.6 UJ	3.6 UJ	4.0 UJ	4.2 UJ	**10 J**	4.1 UJ	R
gamma-BHC (Lindane)	100	100	23,000	1.8 UJ	1.9 UJ	2.1 U	2.1 UJ	1.9 UJ	2.1 UJ	1.9 UJ
gamma-Chlordane	--	--	--	1.8 UJ	1.9 UJ	2.1 U	2.1 UJ	1.9 UJ	2.1 UJ	1.9 UJ
Heptachlor	42	380	29,000	1.8 UJ	1.9 UJ	2.1 UJ	2.1 UJ	1.9 UJ	2.1 UJ	1.9 UJ
Heptachlor epoxide	--	--	--	1.8 UJ	1.9 UJ	2.1 U	2.1 UJ	1.9 UJ	2.1 UJ	1.9 UJ
PCBs				µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Aroclor-1242	-	-	-	36 UJ	36 UJ	40 U	42 UJ	37 UJ	41 U	37 UJ
Aroclor-1254	-	-	-	36 UJ	36 UJ	40 U	42 UJ	37 UJ	41 U	37 UJ
Aroclor-1260	-	-	-	36 UJ	**28 J**	40 UJ	42 UJ	37 UJ	41 U	37 UJ
Total PCBs	100	3,200	25,000	0.000	**28**	0.000	0.000	0.000	0.000	0.000

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
NJ - The compound analyte was tentatively identified with an estimated concentration.
R - The data are unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 6

SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DECTECTED PESTICIDES and PCBs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial Use SCO µg/kg	SB-7 6.5'-7.5' bgs 5/23/2014 SOIL µg/kg	SB-8 3'-4' bgs 5/23/2014 SOIL µg/kg	SB-8 6-7' bgs 5/23/2014 SOIL µg/kg	SB-9 0'-3.8' 5/27/2014 SOIL µg/kg	SB-10 0'-1.5 bgs 5/27/2014 SOIL µg/kg	SB-10 2.5'-4' bgs 5/27/2014 SOIL µg/kg	DUPLICATE 5/27/14 (SB-10 - 2.5'-4') 5/27/2014 SOIL µg/kg
Pesticides										
4,4´-DDD	3.3	14,000	180,000	3.7 UJ	3.8 UJ	4.3 UJ	3.9 UJ	3.6 UJ	3.8 UJ	3.8 UJ
4,4´-DDE	3.3	17,000	120,000	3.7 UJ	3.8 UJ	4.3 UJ	3.9 UJ	3.6 UJ	3.8 UJ	3.8 UJ
4,4´-DDT	3.3	136,000	94,000	3.7 UJ	3.8 UJ	4.3 UJ	3.9 UJ	**7.8 J**	3.8 UJ	3.8 UJ
alpha-BHC	20	20	6,800	1.9 UJ	2.0 UJ	2.2 UJ	2.0 UJ	1.9 UJ	2.0 UJ	2.0 UJ
alpha-Chlordane	94	2,900	47,000	1.9 UJ	2.0 UJ	2.2 UJ	2.0 UJ	1.9 UJ	2.0 UJ	2.0 UJ
beta-BHC	36	90	14,000	1.9 UJ	2.0 UJ	2.2 UJ	2.0 UJ	1.9 UJ	2.0 UJ	2.0 UJ
delta-BHC	40	250	1,000,000	1.9 UJ	2.0 UJ	2.2 UJ	2.0 UJ	1.9 UJ	2.0 UJ	2.0 UJ
Dieldrin	5	100	2,800	3.7 UJ	3.8 UJ	4.3 UJ	3.9 UJ	3.6 UJ	3.8 UJ	3.8 UJ
Endosulfan sulfate	2,400	1,000,000	920,000	3.7 UJ	3.8 UJ	4.3 UJ	R	R	3.8 UJ	3.8 UJ
Endrin	14	60	410,000	3.7 UJ	3.8 UJ	4.3 UJ	3.9 UJ	3.6 UJ	3.8 UJ	3.8 UJ
Endrin aldehyde	--	--	--	3.7 UJ	3.8 UJ	4.3 UJ	3.9 UJ	3.6 UJ	3.8 UJ	3.8 UJ
Endrin ketone	--	--	--	3.7 UJ	3.8 UJ	4.3 UJ	3.9 UJ	3.6 UJ	3.8 UJ	3.8 UJ
gamma-BHC (Lindane)	100	100	23,000	1.9 UJ	2.0 UJ	2.2 UJ	2.0 UJ	1.9 UJ	2.0 UJ	2.0 UJ
gamma-Chlordane	--	--	--	1.9 UJ	2.0 UJ	2.2 UJ	2.0 UJ	1.9 UJ	2.0 UJ	2.0 UJ
Heptachlor	42	380	29,000	1.9 UJ	2.0 UJ	2.2 UJ	2.0 UJ	1.9 UJ	2.0 UJ	2.0 UJ
Heptachlor epoxide	--	--	--	1.9 UJ	2.0 UJ	2.2 UJ	2.0 UJ	1.9 UJ	2.0 UJ	2.0 UJ
PCBs				µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Aroclor-1242	-	-	-	37 UJ	38 UJ	43 UJ	39 U	36 UJ	38 UJ	38 UJ
Aroclor-1254	-	-	-	37 UJ	38 UJ	43 UJ	39 U	**66 J**	38 UJ	38 UJ
Aroclor-1260	-	-	-	37 UJ	38 UJ	43 UJ	39 UJ	**63 J**	38 UJ	38 UJ
Total PCBs	100	3,200	25,000	0.000	0.000	0.000	0.000	**129**	0.000	0.000

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
NJ - The compound analyte was tentatively identified with an estimated concentration.
R - The data are unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 6

SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DECTECTED PESTICIDES and PCBs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial Use SCO µg/kg	SB-11 1'-3' bgs 5/27/2014 SOIL µg/kg	SB-11 6'-8' bgs 5/27/2014 SOIL µg/kg	SB-12 0'-3.5' 5/27/2014 SOIL µg/kg	SB-14 1'-3' bgs 5/27/2014 SOIL µg/kg	SB-14 6'-8' bgs 5/27/2014 SOIL µg/kg	SB-15 0'-4' bgs 5/27/2014 SOIL µg/kg	SB-15 5'-7' bgs 5/27/2014 SOIL µg/kg
Pesticides										
4,4´-DDD	3.3	14,000	180,000	3.9 UJ	8.1 U	3.7 UJ	3.9 U	5.4 U	3.9 U	5.2 U
4,4´-DDE	3.3	17,000	120,000	3.9 UJ	8.1 U	3.7 UJ	3.9 U	5.4 U	3.9 U	5.2 U
4,4´-DDT	3.3	136,000	94,000	3.9 UJ	8.1 UJ	3.7 UJ	3.9 UJ	5.4 UJ	3.9 UJ	5.2 UJ
alpha-BHC	20	20	6,800	2.0 UJ	4.2 U	1.9 UJ	2.0 U	2.8 U	2.0 U	2.7 U
alpha-Chlordane	94	2,900	47,000	2.0 UJ	4.2 U	1.9 UJ	2.0 U	2.8 U	2.0 U	2.7 U
beta-BHC	36	90	14,000	2.0 UJ	4.2 U	1.9 UJ	2.0 U	2.8 U	2.0 U	2.7 U
delta-BHC	40	250	1,000,000	2.0 UJ	4.2 U	1.9 UJ	2.0 U	2.8 U	2.0 U	**3.5 NJ**
Dieldrin	5	100	2,800	3.9 UJ	8.1 U	3.7 UJ	3.9 U	5.4 U	3.9 U	5.2 U
Endosulfan sulfate	2,400	1,000,000	920,000	R	8.1 U	R	R	5.4 U	R	5.2 U
Endrin	14	60	410,000	3.9 UJ	8.1 U	3.7 UJ	3.9 U	5.4 U	3.9 U	5.2 U
Endrin aldehyde	--	--	--	3.9 UJ	8.1 U	3.7 UJ	3.9 U	5.4 U	3.9 U	5.2 U
Endrin ketone	--	--	--	**5.1 J**	8.1 U	3.7 UJ	**7.9 J**	5.4 U	R	5.2 U
gamma-BHC (Lindane)	100	100	23,000	2.0 UJ	4.2 U	1.9 UJ	2.0 U	2.8 U	**2.4 J**	2.7 U
gamma-Chlordane	--	--	--	2.0 UJ	4.2 U	1.9 UJ	2.0 U	2.8 U	2.0 U	2.7 U
Heptachlor	42	380	29,000	2.0 UJ	4.2 U	1.9 UJ	2.0 U	2.8 U	2.0 U	2.7 U
Heptachlor epoxide	--	--	--	2.0 UJ	4.2 U	1.9 UJ	2.0 U	2.8 U	2.0 U	2.7 U
PCBs				µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Aroclor-1242	-	-	-	39 UJ	81 U	37 U	39 UJ	54 UJ	39 UJ	52 UJ
Aroclor-1254	-	-	-	39 UJ	81 U	37 U	39 UJ	54 UJ	39 UJ	52 UJ
Aroclor-1260	-	-	-	39 UJ	81 U	37 UJ	39 UJ	54 UJ	39 UJ	52 UJ
Total PCBs	100	3,200	25,000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
NJ - The compound analyte was tentatively identified with an estimated concentration.
R - The data are unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 6

SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DECTECTED PESTICIDES and PCBs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial Use SCO µg/kg	SB-16 0'-5' bgs 5/27/2014 SOIL µg/kg	SB-17 0'-4' bgs 5/27/2014 SOIL µg/kg	SB-19 0'-3.5' bgs 5/27/2014 SOIL µg/kg	SB-20 0'-3' bgs 5/27/2014 SOIL µg/kg	SB-21 0'-3.5' bgs 5/27/2014 SOIL µg/kg	SB-23 0'-3.5' bgs 5/28/2014 SOIL µg/kg	SB-24 0'-2.8' bgs 5/28/2014 SOIL µg/kg
Pesticides										
4,4´-DDD	3.3	14,000	180,000	3.5 U	4.6 U	44 U	37 U	4.0 U	190 U	4.2 U
4,4´-DDE	3.3	17,000	120,000	3.5 U	4.6 U	44 U	37 U	4.0 U	190 U	4.2 U
4,4´-DDT	3.3	136,000	94,000	3.5 UJ	4.6 UJ	44 UJ	37 UJ	4.0 UJ	190 UJ	R
alpha-BHC	20	20	6,800	1.8 U	2.4 U	22 U	19 U	2.0 U	97 U	2.2 U
alpha-Chlordane	94	2,900	47,000	1.8 U	2.4 U	22 U	19 U	2.0 U	97 U	2.2 U
beta-BHC	36	90	14,000	R	2.4 U	22 U	19 U	2.0 U	97 U	2.2 U
delta-BHC	40	250	1,000,000	1.8 U	2.4 U	22 U	19 U	2.0 U	97 U	2.2 U
Dieldrin	5	100	2,800	3.5 U	4.6 U	44 U	37 U	4.0 U	190 U	4.2 U
Endosulfan sulfate	2,400	1,000,000	920,000	**6.0 NJ**	R	**94 NJ**	R	R	R	R
Endrin	14	60	410,000	3.5 U	4.6 U	44 U	37 U	4.0 U	190 U	4.2 U
Endrin aldehyde	--	--	--	3.5 U	4.6 U	44 U	37 U	4.0 U	190 U	R
Endrin ketone	--	--	--	R	**6.0 NJ**	44 U	**49**	4.0 U	190 U	R
gamma-BHC (Lindane)	100	100	23,000	1.8 U	2.4 U	22 U	19 U	2.0 U	97 U	2.2 U
gamma-Chlordane	--	--	--	1.8 U	2.4 U	22 U	19 U	2.0 U	97 U	2.2 U
Heptachlor	42	380	29,000	1.8 U	2.4 U	22 U	19 U	2.0 U	97 U	2.2 U
Heptachlor epoxide	--	--	--	1.8 U	2.4 U	22 U	19 U	2.0 U	97 U	2.2 U
PCBs				µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Aroclor-1242	-	-	-	35 UJ	46 UJ	44 UJ	37 UJ	40 UJ	38 U	42 U
Aroclor-1254	-	-	-	35 UJ	46 UJ	44 UJ	37 UJ	40 UJ	38 U	42 U
Aroclor-1260	-	-	-	35 UJ	46 UJ	44 UJ	37 UJ	40 UJ	38 UJ	42 UJ
Total PCBs	100	3,200	25,000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
NJ - The compound analyte was tentatively identified with an estimated concentration.
R - The data are unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 6

SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DECTECTED PESTICIDES and PCBs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial Use SCO µg/kg	DUPLICATE 5/28/14 (SB-24 - 0'-2.8') 5/28/2014 SOIL µg/kg	SB-26 0'-3' bgs 5/28/2014 SOIL µg/kg	SB-27 0'-4' bgs 5/28/2014 SOIL µg/kg	SB-28 0'-2' bgs 5/28/2014 SOIL µg/kg	SB-28 3'-5' bgs 5/28/2014 SOIL µg/kg	SB-29 0'-2.5' bgs 5/28/2014 SOIL µg/kg	SB-29 2.5'-4.5' bgs 5/28/2014 SOIL µg/kg
Pesticides										
4,4´-DDD	3.3	14,000	180,000	3.7 U	R	4.2 U	4.1 U	4.6 U	4.1 U	4.4 UJ
4,4´-DDE	3.3	17,000	120,000	3.7 U	4.0 U	4.2 U	4.1 U	4.6 U	4.1 U	4.4 UJ
4,4´-DDT	3.3	136,000	94,000	R	4.0 UJ	4.2 UJ	R	4.6 UJ	4.1 UJ	4.4 UJ
alpha-BHC	20	20	6,800	1.9 U	2.1 U	2.2 U	2.1 U	2.3 U	2.1 U	2.3 UJ
alpha-Chlordane	94	2,900	47,000	1.9 U	2.1 U	2.2 U	2.1 U	2.3 U	R	2.3 UJ
beta-BHC	36	90	14,000	1.9 U	2.1 U	2.2 U	2.1 U	2.3 U	2.1 U	2.3 UJ
delta-BHC	40	250	1,000,000	1.9 U	2.1 U	2.2 U	2.1 U	2.3 U	2.1 U	2.3 UJ
Dieldrin	5	100	2,800	3.7 U	4.0 U	4.2 U	4.1 U	4.6 U	4.1 U	4.4 UJ
Endosulfan sulfate	2,400	1,000,000	920,000	R	4.0 U	R	R	R	R	4.4 UJ
Endrin	14	60	410,000	3.7 U	4.0 U	4.2 U	4.1 U	4.6 U	4.1 U	4.4 UJ
Endrin aldehyde	--	--	--	R	4.0 U	4.2 U	R	4.6 U	4.1 U	4.4 UJ
Endrin ketone	--	--	--	**11 J**	4.0 U	4.2 U	R	4.6 U	R	4.4 UJ
gamma-BHC (Lindane)	100	100	23,000	1.9 U	2.1 U	**2.7 J**	2.1 U	2.3 U	2.1 U	2.3 UJ
gamma-Chlordane	--	--	--	1.9 U	2.1 U	2.2 U	2.1 U	2.3 U	R	2.3 UJ
Heptachlor	42	380	29,000	1.9 U	2.1 U	2.2 U	2.1 U	2.3 U	2.1 U	2.3 UJ
Heptachlor epoxide	--	--	--	1.9 U	2.1 U	2.2 U	2.1 U	2.3 U	2.1 U	2.3 UJ
PCBs				µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Aroclor-1242	-	-	-	37 U	40 UJ	42 U	41 U	46 U	41 UJ	44 UJ
Aroclor-1254	-	-	-	37 U	40 UJ	42 U	41 U	46 U	41 UJ	44 UJ
Aroclor-1260	-	-	-	37 UJ	40 UJ	42 UJ	41 UJ	46 UJ	41 UJ	44 UJ
Total PCBs	100	3,200	25,000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

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U - The compound was not detected at the indicated concentration.
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NJ - The compound analyte was tentatively identified with an estimated concentration.
R - The data are unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 6

SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DECTECTED PESTICIDES and PCBs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial Use SCO µg/kg	SB-31 0'-2' bgs 5/28/2014 SOIL µg/kg	DUPLICATE-2 5/28/14 (SB-31 - 0'-2') 5/28/2014 SOIL µg/kg	SB-31 2'-4' bgs 5/28/2014 SOIL µg/kg	SB-32 2'-4' bgs 5/29/2014 SOIL µg/kg	DUPLICATE 5/29/14 (SB-32 - 2'-4') 5/29/2014 SOIL µg/kg	SB-34 1'-4' bgs 5/28/2014 SOIL µg/kg	SB-35 0'-2.5' bgs 5/28/2014 SOIL µg/kg
Pesticides										
4,4´-DDD	3.3	14,000	180,000	**8.9 J**	4.0 U	6.0 UJ	3.9 U	3.8 U	6.0 U	3.9 U
4,4´-DDE	3.3	17,000	120,000	**24**	4.0 U	6.0 UJ	3.9 U	3.8 U	6.0 U	3.9 U
4,4´-DDT	3.3	136,000	94,000	**15 J**	4.0 UJ	6.0 UJ	3.9 UJ	3.8 UJ	6.0 UJ	3.9 UJ
alpha-BHC	20	20	6,800	2.0 U	2.1 U	3.1 UJ	2.0 U	2.0 U	3.1 U	2.0 U
alpha-Chlordane	94	2,900	47,000	**4.3 J**	2.1 U	3.1 UJ	2.0 U	2.0 U	3.1 U	2.0 U
beta-BHC	36	90	14,000	2.0 U	2.1 U	3.1 UJ	2.0 U	2.0 U	3.1 U	2.0 U
delta-BHC	40	250	1,000,000	2.0 U	2.1 U	3.1 UJ	2.0 U	2.0 U	3.1 U	2.0 U
Dieldrin	5	100	2,800	4.0 U	4.0 U	6.0 UJ	3.9 U	3.8 U	6.0 U	3.9 U
Endosulfan sulfate	2,400	1,000,000	920,000	R	4.0 U	6.0 UJ	3.9 U	3.8 U	6.0 U	3.9 U
Endrin	14	60	410,000	4.0 U	4.0 U	6.0 UJ	3.9 U	3.8 U	6.0 U	3.9 U
Endrin aldehyde	--	--	--	4.0 U	4.0 U	6.0 UJ	3.9 U	3.8 U	6.0 U	3.9 U
Endrin ketone	--	--	--	4.0 U	4.0 U	6.0 UJ	3.9 U	3.8 U	6.0 U	3.9 U
gamma-BHC (Lindane)	100	100	23,000	2.0 U	2.1 U	3.1 UJ	2.0 U	2.0 U	3.1 U	2.0 U
gamma-Chlordane	--	--	--	**4.1 J**	2.1 U	3.1 UJ	2.0 U	2.0 U	3.1 U	2.0 U
Heptachlor	42	380	29,000	2.0 U	2.1 U	3.1 UJ	2.0 U	2.0 U	3.1 U	2.0 U
Heptachlor epoxide	--	--	--	2.0 U	2.1 U	3.1 UJ	2.0 U	2.0 U	3.1 U	2.0 U
PCBs				µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Aroclor-1242	-	-	-	40 UJ	40 UJ	60 UJ	39 UJ	38 UJ	60 UJ	39 UJ
Aroclor-1254	-	-	-	40 UJ	40 UJ	60 UJ	39 UJ	38 UJ	60 UJ	39 UJ
Aroclor-1260	-	-	-	40 UJ	40 UJ	60 UJ	39 UJ	38 UJ	60 UJ	39 UJ
Total PCBs	100	3,200	25,000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
NJ - The compound analyte was tentatively identified with an estimated concentration.
R - The data are unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 6

SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DECTECTED PESTICIDES and PCBs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial Use SCO µg/kg	SB-36 0'-3' bgs 5/28/2014 SOIL µg/kg	SB-38 1.5'-3.5' bgs 5/29/2014 SOIL µg/kg	SB-39 1'-3' bgs 5/29/2014 SOIL µg/kg	SB-40 1.0'-3.5' bgs 5/29/2014 SOIL µg/kg	SB-42 2'-4' bgs 5/29/2014 SOIL µg/kg	SB-43 2'-4' bgs 5/29/2014 SOIL µg/kg	SB-44 0.5'-3' bgs 5/29/2014 SOIL µg/kg
Pesticides										
4,4´-DDD	3.3	14,000	180,000	3.9 U	3.9 U	3.8 UJ	3.7 UJ	3.9 U	4.2 U	3.7 U
4,4´-DDE	3.3	17,000	120,000	3.9 U	3.9 U	3.8 UJ	3.7 UJ	3.9 U	4.2 U	3.7 U
4,4´-DDT	3.3	136,000	94,000	3.9 UJ	3.9 UJ	3.8 UJ	3.7 UJ	3.9 UJ	4.2 UJ	3.7 UJ
alpha-BHC	20	20	6,800	2.0 U	2.0 U	1.9 UJ	1.9 UJ	2.0 U	2.2 U	1.9 U
alpha-Chlordane	94	2,900	47,000	2.0 U	2.0 U	1.9 UJ	1.9 UJ	2.0 U	2.2 U	1.9 U
beta-BHC	36	90	14,000	2.0 U	2.0 U	1.9 UJ	1.9 UJ	2.0 U	2.2 U	1.9 U
delta-BHC	40	250	1,000,000	2.0 U	2.0 U	1.9 UJ	1.9 UJ	2.0 U	2.2 U	1.9 U
Dieldrin	5	100	2,800	3.9 U	3.9 U	3.8 UJ	3.7 UJ	3.9 U	4.2 U	3.7 U
Endosulfan sulfate	2,400	1,000,000	920,000	R	R	3.8 UJ	3.7 UJ	3.9 U	4.2 U	3.7 U
Endrin	14	60	410,000	3.9 U	3.9 U	3.8 UJ	3.7 UJ	3.9 U	4.2 U	3.7 U
Endrin aldehyde	--	--	--	3.9 U	3.9 U	3.8 UJ	3.7 UJ	3.9 U	4.2 U	3.7 U
Endrin ketone	--	--	--	3.9 U	3.9 U	3.8 UJ	3.7 UJ	3.9 U	4.2 U	3.7 U
gamma-BHC (Lindane)	100	100	23,000	2.0 U	2.0 U	1.9 UJ	1.9 UJ	2.0 U	2.2 U	1.9 U
gamma-Chlordane	--	--	--	2.0 U	2.0 U	1.9 UJ	1.9 UJ	2.0 U	2.2 U	1.9 U
Heptachlor	42	380	29,000	2.0 U	2.0 U	1.9 UJ	1.9 UJ	2.0 U	2.2 U	1.9 U
Heptachlor epoxide	--	--	--	2.0 U	2.0 U	1.9 UJ	1.9 UJ	2.0 U	2.2 U	1.9 U
PCBs				µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Aroclor-1242	-	-	-	39 U	39 U	38 UJ	37 U	39 UJ	42 U	37 UJ
Aroclor-1254	-	-	-	39 U	39 U	38 UJ	37 U	39 UJ	42 U	37 UJ
Aroclor-1260	-	-	-	39 UJ	39 U	38 UJ	37 U	39 UJ	42 U	37 UJ
Total PCBs	100	3,200	25,000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
NJ - The compound analyte was tentatively identified with an estimated concentration.
R - The data are unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 6

SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DECTECTED PESTICIDES and PCBs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial Use SCO µg/kg	SB-45 0.5'-3' bgs 5/29/2014 SOIL µg/kg	SB-46 1'-3' bgs 5/29/2014 SOIL µg/kg	SB-47 0'-1' bgs 5/22/2014 SOIL µg/kg	SB-47 2'-3' bgs 5/22/2014 SOIL µg/kg	SB-48 1.5'-2.5' bgs 5/22/2014 SOIL µg/kg	DUPLICATE 5/22/14 (SB-48 - 1.5'-2.5') 5/22/2014 SOIL µg/kg	SB-49 1'-2' bgs 5/22/2014 SOIL µg/kg
Pesticides										
4,4´-DDD	3.3	14,000	180,000	3.9 U	4.0 U	R	R	**7.6 J**	**5.8 J**	19 U
4,4´-DDE	3.3	17,000	120,000	3.9 U	4.0 U	3.5 U	3.8 UJ	**9.5 J**	**7.6 J**	19 U
4,4´-DDT	3.3	136,000	94,000	3.9 UJ	4.0 UJ	3.5 UJ	**8.8 J**	3.8 UJ	3.5 UJ	R
alpha-BHC	20	20	6,800	2.0 U	2.1 U	1.8 U	2.0 UJ	1.9 UJ	1.8 UJ	**11 NJ**
alpha-Chlordane	94	2,900	47,000	2.0 U	2.1 U	**8.7 J**	R	1.9 UJ	1.8 UJ	R
beta-BHC	36	90	14,000	2.0 U	2.1 U	**3.5 NJ**	2.0 UJ	1.9 U	1.8 U	9.9 U
delta-BHC	40	250	1,000,000	2.0 U	2.1 U	1.8 U	2.0 UJ	1.9 UJ	1.8 UJ	9.9 U
Dieldrin	5	100	2,800	3.9 U	4.0 U	3.5 U	3.8 UJ	3.8 UJ	3.5 UJ	19 U
Endosulfan sulfate	2,400	1,000,000	920,000	3.9 U	4.0 U	3.5 UJ	3.8 UJ	3.8 UJ	3.5 UJ	**41 NJ**
Endrin	14	60	410,000	3.9 U	4.0 U	3.5 U	3.8 UJ	3.8 U	3.5 U	**34**
Endrin aldehyde	--	--	--	3.9 U	4.0 U	R	**8.9 J**	3.8 UJ	3.5 UJ	19 U
Endrin ketone	--	--	--	3.9 U	4.0 U	R	3.8 UJ	3.8 UJ	3.5 UJ	**22 J**
gamma-BHC (Lindane)	100	100	23,000	2.0 U	2.1 U	1.8 U	2.0 UJ	**2.7 J**	**2.3 J**	**22**
gamma-Chlordane	--	--	--	2.0 U	2.1 U	1.8 U	2.0 UJ	1.9 UJ	1.8 UJ	R
Heptachlor	42	380	29,000	2.0 U	2.1 U	1.8 UJ	2.0 UJ	1.9 UJ	1.8 UJ	9.9 UJ
Heptachlor epoxide	--	--	--	2.0 U	2.1 U	**3.3**	2.0 UJ	1.9 UJ	1.8 UJ	9.9 U
PCBs				µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Aroclor-1242	-	-	-	39 U	40 UJ	35 UJ	38 UJ	38 UJ	35 UJ	38 U
Aroclor-1254	-	-	-	39 U	40 UJ	35 UJ	38 UJ	38 UJ	35 UJ	38 U
Aroclor-1260	-	-	-	39 U	40 UJ	35 UJ	38 UJ	38 UJ	35 UJ	38 UJ
Total PCBs	100	3,200	25,000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
NJ - The compound analyte was tentatively identified with an estimated concentration.
R - The data are unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 6

SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DECTECTED PESTICIDES and PCBs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial Use SCO µg/kg	SB-49 4'-5' bgs 5/22/2014 SOIL µg/kg	SB-50 0'-2' bgs 5/23/2014 SOIL µg/kg	SB-52 2'-3' bgs 5/21/2014 SOIL µg/kg	DUPLICATE 5/21/14 (SB-52 - 2'-3') 5/21/2014 SOIL µg/kg	SB-53 1.5'-2.5' bgs 5/21/2014 SOIL µg/kg	SB-54 2.5'-3.5' bgs 5/21/2014 SOIL µg/kg	SB-55 1.5'-2.5' bgs 5/21/2014 SOIL µg/kg
Pesticides										
4,4´-DDD	3.3	14,000	180,000	3.8 UJ	4.1 U	3.9 UJ	4.0 UJ	3.8 UJ	**4.2 J**	3.6 UJ
4,4´-DDE	3.3	17,000	120,000	3.8 UJ	4.1 U	3.9 UJ	4.0 UJ	3.8 UJ	3.8 U	3.6 U
4,4´-DDT	3.3	136,000	94,000	3.8 UJ	**11 J**	3.9 UJ	4.0 UJ	**12 J**	**10 J**	3.6 UJ
alpha-BHC	20	20	6,800	2.0 UJ	2.1 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	1.8 UJ
alpha-Chlordane	94	2,900	47,000	2.0 UJ	2.1 U	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	1.8 UJ
beta-BHC	36	90	14,000	2.0 UJ	2.1 U	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	**6.6 NJ**
delta-BHC	40	250	1,000,000	2.0 UJ	2.1 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 U	1.8 U
Dieldrin	5	100	2,800	3.8 UJ	4.1 U	3.9 U	4.0 UJ	3.8 UJ	3.8 U	3.6 U
Endosulfan sulfate	2,400	1,000,000	920,000	3.8 UJ	R	3.9 U	4.0 UJ	3.8 UJ	**10 J**	3.6 UJ
Endrin	14	60	410,000	3.8 UJ	4.1 U	3.9 U	4.0 UJ	3.8 UJ	3.8 U	3.6 U
Endrin aldehyde	--	--	--	3.8 UJ	4.1 U	3.9 U	4.0 UJ	3.8 UJ	R	3.6 UJ
Endrin ketone	--	--	--	3.8 UJ	**4.6 J**	3.9 UJ	4.0 UJ	3.8 UJ	**6.8 J**	3.6 UJ
gamma-BHC (Lindane)	100	100	23,000	2.0 UJ	2.1 U	2.0 U	2.0 UJ	2.0 UJ	2.0 U	1.8 U
gamma-Chlordane	--	--	--	2.0 UJ	R	2.0 U	2.0 UJ	2.0 UJ	R	1.8 UJ
Heptachlor	42	380	29,000	2.0 UJ	2.1 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	1.8 UJ
Heptachlor epoxide	--	--	--	2.0 UJ	2.1 U	2.0 U	2.0 UJ	2.0 UJ	2.0 U	**5.0 J**
PCBs				µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Aroclor-1242	-	-	-	38 UJ	41 U	39 UJ	40 UJ	38 UJ	38 UJ	36 UJ
Aroclor-1254	-	-	-	38 UJ	41 U	39 UJ	40 UJ	38 UJ	38 UJ	36 UJ
Aroclor-1260	-	-	-	38 UJ	41 UJ	39 UJ	40 UJ	38 UJ	38 UJ	36 UJ
Total PCBs	100	3,200	25,000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
NJ - The compound analyte was tentatively identified with an estimated concentration.
R - The data are unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 6

SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DECTECTED PESTICIDES and PCBs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID				SB-55	SB-56	SB-56	SB-58	SB-59	SB-60	SB-61
Sample Depth (feet)				3'-4' bgs	0'-1' bgs	1.5'-2.5' bgs	2.5'-3.5' bgs	0.5'-2.0' bgs	1.5'-3.0' bgs	0'-3' bgs
Sampling Date	6 NYCRR Part 375 Unrestricted Use SCO	6 NYCRR Part 375 Protection of Groundwater SCO	6 NYCRR Part 375 Protection of Public Health - Industrial Use SCO	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/22/2014	5/22/2014	5/22/2014
Matrix				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Pesticides										
4,4´-DDD	3.3	14,000	180,000	4.0 UJ	3.6 UJ	3.7 UJ	3.6 UJ	3.9 UJ	3.7 UJ	3.7 UJ
4,4´-DDE	3.3	17,000	120,000	4.0 U	3.6 UJ	3.7 U	3.6 U	3.9 U	3.7 UJ	3.7 UJ
4,4´-DDT	3.3	136,000	94,000	4.0 UJ	3.6 UJ	**23 NJ**	3.6 UJ	**9.2 J**	3.7 UJ	3.7 UJ
alpha-BHC	20	20	6,800	2.0 UJ	1.9 UJ	1.9 UJ	1.9 UJ	2.0 UJ	1.9 UJ	1.9 UJ
alpha-Chlordane	94	2,900	47,000	2.0 UJ	1.9 UJ	1.9 UJ	1.9 UJ	2.0 UJ	1.9 UJ	1.9 UJ
beta-BHC	36	90	14,000	**5.8 J**	1.9 UJ	1.9 UJ	1.9 UJ	2.0 UJ	1.9 UJ	1.9 UJ
delta-BHC	40	250	1,000,000	**6.1 J**	1.9 U	1.9 U	1.9 U	2.0 U	1.9 UJ	1.9 UJ
Dieldrin	5	100	2,800	4.0 U	3.6 U	3.7 U	3.6 U	3.9 U	3.7 UJ	3.7 UJ
Endosulfan sulfate	2,400	1,000,000	920,000	R	3.6 UJ	3.7 UJ	3.6 U	R	3.7 UJ	R
Endrin	14	60	410,000	4.0 U	3.6 U	**11 J**	3.6 U	R	3.7 UJ	3.7 UJ
Endrin aldehyde	--	--	--	4.0 UJ	3.6 UJ	3.7 UJ	3.6 UJ	3.9 UJ	3.7 UJ	3.7 UJ
Endrin ketone	--	--	--	**5.4 J**	3.6 UJ	**4.3 J**	3.6 UJ	**7.9 J**	3.7 UJ	3.7 UJ
gamma-BHC (Lindane)	100	100	23,000	**6.0 J**	1.9 U	1.9 U	1.9 U	2.0 U	1.9 UJ	1.9 UJ
gamma-Chlordane	--	--	--	2.0 UJ	1.9 UJ	1.9 UJ	1.9 UJ	R	1.9 UJ	1.9 UJ
Heptachlor	42	380	29,000	2.0 UJ	1.9 UJ	1.9 UJ	1.9 UJ	2.0 UJ	1.9 UJ	1.9 UJ
Heptachlor epoxide	--	--	--	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U	1.9 UJ	1.9 UJ
PCBs				µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Aroclor-1242	-	-	-	40 UJ	36 UJ	37 U	36 UJ	39 UJ	37 UJ	37 UJ
Aroclor-1254	-	-	-	40 UJ	36 UJ	**170**	36 UJ	39 UJ	37 UJ	37 UJ
Aroclor-1260	-	-	-	40 UJ	36 UJ	37 UJ	36 UJ	39 UJ	37 UJ	37 UJ
Total PCBs	100	3,200	25,000	0.000	0.000	**170**	0.000	0.000	0.000	0.000

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
NJ - The compound analyte was tentatively identified with an estimated concentration.
R - The data are unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 6

SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DECTECTED PESTICIDES and PCBs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial Use SCO µg/kg	TW-1 0'-6' bgs 5/23/2014 SOIL µg/kg	TW-1 10.5'-12' bgs 5/23/2014 SOIL µg/kg	TW-1 7'-8.5' bgs 5/23/2014 SOIL µg/kg	TW-13 1'-4' bgs 5/27/2014 SOIL µg/kg	TW-13 10'-12' 5/27/2014 SOIL µg/kg	TW-18 0'-4' bgs 5/27/2014 SOIL µg/kg	TW-18 5'-7' bgs 5/27/2014 SOIL µg/kg
Pesticides										
4,4´-DDD	3.3	14,000	180,000	3.8 UJ	5.7 UJ	3.8 UJ	3.7 U	13 U	4.4 U	16 U
4,4´-DDE	3.3	17,000	120,000	3.8 UJ	5.7 UJ	3.8 UJ	3.7 U	13 U	4.4 U	16 U
4,4´-DDT	3.3	136,000	94,000	3.8 UJ	5.7 UJ	3.8 UJ	3.7 UJ	13 UJ	4.4 UJ	16 UJ
alpha-BHC	20	20	6,800	2.0 UJ	2.9 UJ	2.0 UJ	1.9 U	6.8 U	2.3 U	8.2 U
alpha-Chlordane	94	2,900	47,000	2.0 UJ	2.9 UJ	2.0 UJ	1.9 U	6.8 U	2.3 U	8.2 U
beta-BHC	36	90	14,000	2.0 UJ	2.9 UJ	2.0 UJ	1.9 U	6.8 U	2.3 U	8.2 U
delta-BHC	40	250	1,000,000	2.0 UJ	2.9 UJ	2.0 UJ	1.9 U	6.8 U	2.3 U	8.2 U
Dieldrin	5	100	2,800	3.8 UJ	5.7 UJ	3.8 UJ	3.7 U	13 U	4.4 U	16 U
Endosulfan sulfate	2,400	1,000,000	920,000	3.8 UJ	5.7 UJ	3.8 UJ	3.7 U	13 U	R	R
Endrin	14	60	410,000	3.8 UJ	5.7 UJ	3.8 UJ	3.7 U	13 U	4.4 U	16 U
Endrin aldehyde	--	--	--	3.8 UJ	5.7 UJ	3.8 UJ	3.7 U	13 U	4.4 U	16 U
Endrin ketone	--	--	--	3.8 UJ	5.7 UJ	3.8 UJ	3.7 U	13 U	**7.3 J**	16 U
gamma-BHC (Lindane)	100	100	23,000	2.0 UJ	2.9 UJ	2.0 UJ	1.9 U	6.8 U	2.3 U	8.2 U
gamma-Chlordane	--	--	--	2.0 UJ	2.9 UJ	2.0 UJ	1.9 U	6.8 U	2.3 U	8.2 U
Heptachlor	42	380	29,000	2.0 UJ	2.9 UJ	2.0 UJ	1.9 U	6.8 U	2.3 U	8.2 U
Heptachlor epoxide	--	--	--	2.0 UJ	2.9 UJ	2.0 UJ	1.9 U	6.8 U	2.3 U	8.2 U
PCBs				µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Aroclor-1242	-	-	-	38 UJ	57 UJ	38 U	37 UJ	130 U	44 UJ	160 U
Aroclor-1254	-	-	-	38 UJ	57 UJ	38 U	37 UJ	130 U	44 UJ	160 U
Aroclor-1260	-	-	-	38 UJ	57 UJ	38 UJ	37 UJ	130 U	44 UJ	160 U
Total PCBs	100	3,200	25,000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
NJ - The compound analyte was tentatively identified with an estimated concentration.
R - The data are unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 6

SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DECTECTED PESTICIDES and PCBs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial Use SCO µg/kg	TW-18 11'-12' bgs 5/27/2014 SOIL µg/kg	TW-25 4.5'-6.5' bgs 5/28/2014 SOIL µg/kg	TW-25 7'-8' bgs 5/28/2014 SOIL µg/kg	TW-25 10'-12'bgs 5/28/2014 SOIL µg/kg	TW-30 1.5'-3.5' bgs 5/29/2014 SOIL µg/kg	TW-30 6'-8' bgs 5/29/2014 SOIL µg/kg	TW-30 10'-12' bgs 5/29/2014 SOIL µg/kg
Pesticides										
4,4´-DDD	3.3	14,000	180,000	6.3 U	4.2 U	5.0 UJ	9.2 U	3.7 UJ	11 UJ	11 U
4,4´-DDE	3.3	17,000	120,000	6.3 U	4.2 U	5.0 UJ	9.2 U	3.7 UJ	11 UJ	11 U
4,4´-DDT	3.3	136,000	94,000	6.3 UJ	4.2 UJ	5.0 UJ	9.2 UJ	3.7 UJ	11 UJ	11 UJ
alpha-BHC	20	20	6,800	3.3 U	2.1 U	2.6 UJ	4.7 U	1.9 UJ	5.5 UJ	5.6 U
alpha-Chlordane	94	2,900	47,000	3.3 U	2.1 U	2.6 UJ	4.7 U	1.9 UJ	5.5 UJ	5.6 U
beta-BHC	36	90	14,000	3.3 U	2.1 U	2.6 UJ	4.7 U	1.9 UJ	5.5 UJ	5.6 U
delta-BHC	40	250	1,000,000	3.3 U	2.1 U	2.6 UJ	4.7 U	1.9 UJ	5.5 UJ	5.6 U
Dieldrin	5	100	2,800	6.3 U	4.2 U	5.0 UJ	9.2 U	3.7 UJ	11 UJ	11 U
Endosulfan sulfate	2,400	1,000,000	920,000	6.3 U	R	5.0 UJ	9.2 U	3.7 UJ	11 UJ	11 U
Endrin	14	60	410,000	6.3 U	4.2 U	5.0 UJ	9.2 U	3.7 UJ	11 UJ	11 U
Endrin aldehyde	--	--	--	6.3 U	4.2 U	5.0 UJ	9.2 U	3.7 UJ	11 UJ	11 U
Endrin ketone	--	--	--	6.3 U	**5.9 NJ**	5.0 UJ	9.2 U	3.7 UJ	11 UJ	11 U
gamma-BHC (Lindane)	100	100	23,000	3.3 U	2.1 U	2.6 UJ	4.7 U	1.9 UJ	5.5 UJ	5.6 U
gamma-Chlordane	--	--	--	3.3 U	R	2.6 UJ	4.7 U	1.9 UJ	5.5 UJ	5.6 U
Heptachlor	42	380	29,000	3.3 U	2.1 U	2.6 UJ	4.7 U	1.9 UJ	5.5 UJ	5.6 U
Heptachlor epoxide	--	--	--	3.3 U	2.1 U	2.6 UJ	4.7 U	1.9 UJ	5.5 UJ	5.6 U
PCBs				µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Aroclor-1242	-	-	-	63 U	42 U	50 UJ	92 U	37 UJ	110 UJ	110 UJ
Aroclor-1254	-	-	-	63 U	42 U	50 UJ	92 U	37 UJ	110 UJ	110 UJ
Aroclor-1260	-	-	-	63 U	42 UJ	50 UJ	92 UJ	37 UJ	110 UJ	110 UJ
Total PCBs	100	3,200	25,000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
NJ - The compound analyte was tentatively identified with an estimated concentration.
R - The data are unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 6

SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DECTECTED PESTICIDES and PCBs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial Use SCO µg/kg	TW-30 13'-14' bgs 5/29/2014 SOIL µg/kg	TW-33 0'-2.5' bgs 5/29/2014 SOIL µg/kg	TW-33 3'-4' 5/29/2014 SOIL µg/kg	TW-33 7'-8' 5/29/2014 SOIL µg/kg	TW-33 11'-12' 5/29/2014 SOIL µg/kg	TW-37 3'-5' 5/28/2014 SOIL µg/kg	TW-37 8'-10' bgs 5/28/2014 SOIL µg/kg
Pesticides										
4,4´-DDD	3.3	14,000	180,000	15 U	3.5 U	3.9 U	17 UJ	15 UJ	3.8 U	9.0 U
4,4´-DDE	3.3	17,000	120,000	15 U	3.5 U	3.9 U	17 UJ	15 UJ	3.8 U	9.0 U
4,4´-DDT	3.3	136,000	94,000	15 UJ	3.5 UJ	3.9 UJ	17 UJ	15 UJ	3.8 UJ	9.0 UJ
alpha-BHC	20	20	6,800	8.0 U	1.8 U	2.0 U	8.6 UJ	7.8 UJ	2.0 U	4.6 U
alpha-Chlordane	94	2,900	47,000	8.0 U	1.8 U	2.0 U	8.6 UJ	7.8 UJ	2.0 U	4.6 U
beta-BHC	36	90	14,000	8.0 U	1.8 U	2.0 U	8.6 UJ	7.8 UJ	2.0 U	4.6 U
delta-BHC	40	250	1,000,000	8.0 U	1.8 U	2.0 U	8.6 UJ	7.8 UJ	2.0 U	4.6 U
Dieldrin	5	100	2,800	15 U	3.5 U	3.9 U	17 UJ	15 UJ	3.8 U	9.0 U
Endosulfan sulfate	2,400	1,000,000	920,000	15 U	R	3.9 U	**36 J**	15 UJ	3.8 U	9.0 U
Endrin	14	60	410,000	15 U	3.5 U	3.9 U	17 UJ	15 UJ	3.8 U	9.0 U
Endrin aldehyde	--	--	--	15 U	3.5 U	3.9 U	17 UJ	15 UJ	3.8 U	9.0 U
Endrin ketone	--	--	--	R	R	3.9 U	17 UJ	15 UJ	3.8 U	9.0 U
gamma-BHC (Lindane)	100	100	23,000	8.0 U	1.8 U	2.0 U	8.6 UJ	7.8 UJ	2.0 U	4.6 U
gamma-Chlordane	--	--	--	8.0 U	1.8 U	2.0 U	8.6 UJ	7.8 UJ	2.0 U	4.6 U
Heptachlor	42	380	29,000	8.0 U	1.8 U	2.0 U	8.6 UJ	7.8 UJ	2.0 U	4.6 U
Heptachlor epoxide	--	--	--	8.0 U	1.8 U	2.0 U	8.6 UJ	7.8 UJ	2.0 U	4.6 U
PCBs				µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Aroclor-1242	-	-	-	150 UJ	35 UJ	39 UJ	170 UJ	150 UJ	38 U	90 U
Aroclor-1254	-	-	-	150 UJ	35 UJ	39 UJ	170 UJ	150 UJ	38 U	90 U
Aroclor-1260	-	-	-	150 UJ	35 UJ	39 UJ	170 UJ	150 UJ	38 UJ	90 U
Total PCBs	100	3,200	25,000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
NJ - The compound analyte was tentatively identified with an estimated concentration.
R - The data are unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 6

SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DECTECTED PESTICIDES and PCBs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial Use SCO µg/kg	TW-37 11'-12' bgs 5/28/2014 SOIL µg/kg	TW-41 0'-1' bgs 5/20/2014 SOIL µg/kg	TW-41 3.5'-4.5' bgs 5/20/2014 SOIL µg/kg	TW-41 5.5'-6.5' bgs 5/20/2014 SOIL µg/kg	TW-41 11'-12' bgs 5/20/2014 SOIL µg/kg	TW-51 0'-1' bgs 5/21/2014 SOIL µg/kg	TW-51 4.5'-5.5' bgs 5/21/2014 SOIL µg/kg
Pesticides										
4,4´-DDD	3.3	14,000	180,000	19 U	3.8 UJ	9.2 UJ	7.4 UJ	8.0 UJ	R	3.5 UJ
4,4´-DDE	3.3	17,000	120,000	19 U	3.8 UJ	9.2 UJ	7.4 UJ	8.0 UJ	R	3.5 U
4,4´-DDT	3.3	136,000	94,000	19 UJ	3.8 UJ	9.2 UJ	7.4 UJ	8.0 UJ	**9.7 J**	3.5 UJ
alpha-BHC	20	20	6,800	9.8 U	1.9 UJ	4.7 UJ	3.8 UJ	4.1 UJ	1.9 UJ	1.8 UJ
alpha-Chlordane	94	2,900	47,000	9.8 U	1.9 UJ	4.7 U	3.8 U	4.1 U	1.9 UJ	1.8 UJ
beta-BHC	36	90	14,000	9.8 U	1.9 UJ	4.7 U	3.8 U	4.1 U	1.9 UJ	1.8 U
delta-BHC	40	250	1,000,000	9.8 U	1.9 UJ	4.7 UJ	3.8 UJ	4.1 UJ	1.9 U	1.8 U
Dieldrin	5	100	2,800	19 U	3.8 UJ	9.2 U	7.4 U	8.0 U	R	3.5 U
Endosulfan sulfate	2,400	1,000,000	920,000	19 U	3.8 UJ	R	7.4 U	8.0 U	**15 NJ**	3.5 U
Endrin	14	60	410,000	19 U	3.8 UJ	9.2 U	7.4 U	8.0 U	**19 J**	3.5 U
Endrin aldehyde	--	--	--	19 U	3.8 UJ	9.2 U	7.4 U	8.0 U	3.7 UJ	3.5 UJ
Endrin ketone	--	--	--	19 U	R	9.2 UJ	7.4 UJ	8.0 UJ	**10 J**	**5.2 NJ**
gamma-BHC (Lindane)	100	100	23,000	9.8 U	1.9 UJ	4.7 U	3.8 U	4.1 U	1.9 U	1.8 U
gamma-Chlordane	--	--	--	9.8 U	1.9 UJ	4.7 U	3.8 U	4.1 U	**5.6 NJ**	1.8 UJ
Heptachlor	42	380	29,000	9.8 U	1.9 UJ	4.7 U	3.8 U	4.1 U	1.9 UJ	1.8 UJ
Heptachlor epoxide	--	--	--	9.8 U	1.9 UJ	4.7 U	3.8 U	4.1 U	1.9 U	1.8 U
PCBs				µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Aroclor-1242	-	-	-	190 UJ	38 UJ	92 UJ	74 UJ	80 UJ	37 UJ	35 UJ
Aroclor-1254	-	-	-	190 UJ	38 UJ	92 UJ	74 U	80 U	37 UJ	35 UJ
Aroclor-1260	-	-	-	190 UJ	38 UJ	92 UJ	74 UJ	80 UJ	37 UJ	35 UJ
Total PCBs	100	3,200	25,000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
NJ - The compound analyte was tentatively identified with an estimated concentration.
R - The data are unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 6

SUMMARY OF SOIL DEBRIS PILE AND SOIL SAMPLING RESULTS-DECTECTED PESTICIDES and PCBs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample/Boring ID Sample Depth (feet) Sampling Date Matrix Units	6 NYCRR Part 375 Unrestricted Use SCO µg/kg	6 NYCRR Part 375 Protection of Groundwater SCO µg/kg	6 NYCRR Part 375 Protection of Public Health - Industrial Use SCO µg/kg	TW-51 5.5'-6.5' bgs 5/21/2014 SOIL µg/kg	TW-51 11'-12' 5/21/2014 SOIL µg/kg	TW-57 2.5'-3.5' bgs 5/21/2014 SOIL µg/kg	TW-57 10.8'-11.8' bgs 5/21/2014 SOIL µg/kg	TW-57 14.8'-15.8' bgs 5/21/2014 SOIL µg/kg	TW-62 11'-12' bgs 5/22/2014 SOIL µg/kg	TW-62 6.5'-7.5' bgs 5/22/2014 SOIL µg/kg	TW-62 2.5'-3.5' bgs 5/22/2014 SOIL µg/kg
Pesticides											
4,4´-DDD	3.3	14,000	180,000	4.0 UJ	19 UJ	3.9 UJ	20 UJ	6.2 UJ	6.3 UJ	3.9 UJ	3.6 UJ
4,4´-DDE	3.3	17,000	120,000	4.0 UJ	19 UJ	3.9 U	20 UJ	6.2 UJ	6.3 UJ	3.9 UJ	3.6 UJ
4,4´-DDT	3.3	136,000	94,000	4.0 UJ	19 UJ	3.9 UJ	20 UJ	6.2 UJ	6.3 UJ	3.9 UJ	3.6 UJ
alpha-BHC	20	20	6,800	2.1 UJ	9.9 UJ	2.0 UJ	10 UJ	3.2 UJ	3.2 UJ	2.0 UJ	1.9 UJ
alpha-Chlordane	94	2,900	47,000	2.1 UJ	9.9 UJ	2.0 UJ	10 UJ	3.2 UJ	3.2 UJ	2.0 UJ	1.9 UJ
beta-BHC	36	90	14,000	2.1 UJ	9.9 UJ	2.0 UJ	10 UJ	3.2 UJ	3.2 UJ	2.0 UJ	1.9 UJ
delta-BHC	40	250	1,000,000	2.1 UJ	9.9 UJ	2.0 U	10 UJ	3.2 UJ	3.2 UJ	2.0 UJ	1.9 UJ
Dieldrin	5	100	2,800	4.0 UJ	19 UJ	3.9 U	20 UJ	6.2 UJ	6.3 UJ	3.9 UJ	3.6 UJ
Endosulfan sulfate	2,400	1,000,000	920,000	4.0 UJ	19 UJ	3.9 U	20 UJ	6.2 UJ	6.3 UJ	3.9 UJ	R
Endrin	14	60	410,000	4.0 UJ	19 UJ	3.9 U	20 UJ	6.2 UJ	6.3 UJ	3.9 UJ	3.6 UJ
Endrin aldehyde	--	--	--	4.0 UJ	19 UJ	3.9 UJ	20 UJ	6.2 UJ	6.3 UJ	3.9 UJ	3.6 UJ
Endrin ketone	--	--	--	4.0 UJ	19 UJ	3.9 UJ	20 UJ	6.2 UJ	6.3 UJ	3.9 UJ	3.6 UJ
gamma-BHC (Lindane)	100	100	23,000	2.1 UJ	9.9 UJ	2.0 U	10 UJ	3.2 UJ	3.2 UJ	2.0 UJ	1.9 UJ
gamma-Chlordane	--	--	--	2.1 UJ	9.9 UJ	2.0 UJ	10 UJ	3.2 UJ	3.2 UJ	2.0 UJ	1.9 UJ
Heptachlor	42	380	29,000	2.1 UJ	9.9 UJ	2.0 UJ	10 UJ	3.2 UJ	3.2 UJ	2.0 UJ	1.9 UJ
Heptachlor epoxide	--	--	--	2.1 UJ	9.9 UJ	2.0 U	10 UJ	3.2 UJ	3.2 UJ	2.0 UJ	1.9 UJ
PCBs				µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Aroclor-1242	-	-	-	40 UJ	190 UJ	39 UJ	200 UJ	62 UJ	63 UJ	39 UJ	36 UJ
Aroclor-1254	-	-	-	40 UJ	190 UJ	39 UJ	200 UJ	62 UJ	63 UJ	39 UJ	36 UJ
Aroclor-1260	-	-	-	40 UJ	190 UJ	39 UJ	200 UJ	62 UJ	63 UJ	39 UJ	36 UJ
Total PCBs	100	3,200	25,000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Notes:

- Concentration exceeds corresponding 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

- Concentration exceeds both the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

- Concentration exceeds 6 NYCRR Part 375 Unrestricted Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective, and 6 NYCRR Part 375 Protection of Public Health - Industrial Soil Cleanup Objective.

SCO - Soil Cleanup Objective
U - The compound was not detected at the indicated concentration.
J - The associated numerical value is an estimate quantity.
UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
NJ - The compound analyte was tentatively identified with an estimated concentration.
R - The data are unusable.
D - Sample Diluted
-- Not applicable
DUPLICATE 5/21/14 collected from SB-52 (2-3')
DUPLICATE 5/22/14 collected from SB-48 (1.5-2.5')
DUPLICATE 5/27/14 collected from SB-10 (2.5-4')
DUPLICATE 5/28/14 collected from SB-31 (0-2')
DUPLICATE-2 5/28/14 collected from SB-31 (0-2')
DUPLICATE 5/29/14 collected from SB-32 (2-4')

TABLE 7
SUMMARY OF GROUNDWATER SAMPLING RESULTS-DETECTED VOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard or Guidance Value µg/L	TW-1 6/5/2014 WATER µg/L	TW-13 6/5/2014 WATER µg/L	DUPLICATE 6/5/14 (TW-13) 6/5/2014 WATER µg/L	TW-18 6/4/2014 WATER µg/L	TW-25 6/4/2014 WATER µg/L	TW-30 6/4/2014 WATER µg/L	TW-33 6/4/2014 WATER µg/L	TW-37 6/5/2014 WATER µg/L
VOCs									
1,1,1-Trichloroethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	5	**0.65 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	50	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	**5.6 J**
cis-1,2-Dichloroethene	5	**0.99 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl chloride	2	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

Notes:
- Concentration exceeds corresponding NYSDEC Class GA Standard.

U - The compound was not detected at the indicated concentration.
J - Estimated value.
-- Not applicable
DUPLICATE 6/5/14 collected at TW-13
DUPLICATE 8/19/14 collected at S-1

TABLE 7
SUMMARY OF GROUNDWATER SAMPLING RESULTS-DETECTED VOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard or Guidance Value µg/L	TW-41 6/4/2014 WATER µg/L	TW-51 6/5/2014 WATER µg/L	TW-57 6/5/2014 WATER µg/L	TW-62 6/4/2014 WATER µg/L	P-1 6/5/2014 WATER µg/L	P-1 8/19/2014 WATER µg/L	P-5 6/6/2014 WATER µg/L	P-5 8/19/2014 WATER µg/L
VOCs									
1,1,1-Trichloroethane	5	5.0 U	5.0 U	**1.0 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	5	5.0 U	5.0 U	**9.6**	5.0 U	5.0 U	5.0 U	**1.0 J**	**1.0 J**
Acetone	50	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**1.3 J**	**1.4 J**
Trichloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.79 J**
Vinyl chloride	2	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**1.1 J**	**0.91 J**

Notes:
- Concentration exceeds corresponding NYSDEC Class GA Standard.

U - The compound was not detected at the indicated concentration.
J - Estimated value.
-- Not applicable
DUPLICATE 6/5/14 collected at TW-13
DUPLICATE 8/19/14 collected at S-1

TABLE 7
SUMMARY OF GROUNDWATER SAMPLING RESULTS-DETECTED VOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard or Guidance Value µg/L	S-1 6/6/2014 WATER µg/L	S-1 8/19/2014 WATER µg/L	DUPLICATE 8/19/14 (S-1) 8/19/2014 WATER µg/L	S-2 6/6/2014 WATER µg/L	S-2 8/19/2014 WATER µg/L
VOCs						
1,1,1-Trichloroethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl chloride	2	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

Notes:
- Concentration exceeds corresponding NYSDEC Class GA Standard.

U - The compound was not detected at the indicated concentration.
J - Estimated value.
-- Not applicable
DUPLICATE 6/5/14 collected at TW-13
DUPLICATE 8/19/14 collected at S-1

TABLE 8
SUMMARY OF GROUNDWATER SAMPLING RESULTS-SVOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID	NYSDEC Class GA Standard	TW-1	TW-13	DUPLICATE 6/5/14 (TW-13)	TW-18	TW-25	TW-30	TW-33	TW-37	TW-41	TW-51	TW-57
Sampling Date	or Guidance Value	6/5/2014	6/5/2014	6/15/2014	6/4/2014	6/4/2014	6/4/2014	6/4/2014	6/5/2014	6/4/2014	6/5/2014	6/5/2014
Matrix	µg/L	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Units		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
SVOCs												
1,2,4-Trichlorobenzene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,2´-oxybis(1-Chloropropane)	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	1**	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2,4,6-Trichlorophenol	1**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	1**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	1**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	10*	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2,4-Dinitrotoluene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	10*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	1**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	1	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	1**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3´-Dichlorobenzidine	1**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	1**	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl-phenylether	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	1**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl-phenylether	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	1**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Nitrophenol	1**	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	20	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Notes:
[ ] - Concentration exceeds corresponding NYSDEC Class GA Standard.
U - The compound was not detected at the indicated concentration.
B - The compund was also detected in the associated Method Blank.
J - Estimated value.
* Guidance Value
** Applies to the sum of these compounds
-- Not applicable
DUPLICATE 6/5/14 collected at TW-13
DUPLICATE 8/19/14 collected at S-1

TABLE 8
SUMMARY OF GROUNDWATER SAMPLING RESULTS-SVOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard or Guidance Value µg/L	TW-1 6/5/2014 WATER µg/L	TW-13 6/5/2014 WATER µg/L	DUPLICATE 6/5/14 (TW-13) 6/15/2014 WATER µg/L	TW-18 6/4/2014 WATER µg/L	TW-25 6/4/2014 WATER µg/L	TW-30 6/4/2014 WATER µg/L	TW-33 6/4/2014 WATER µg/L	TW-37 6/5/2014 WATER µg/L	TW-41 6/4/2014 WATER µg/L	TW-51 6/5/2014 WATER µg/L	TW-57 6/5/2014 WATER µg/L
SVOCs												
Benzo(a)anthracene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	ND	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-chloroethoxy)methane	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-chloroethyl)ether	1	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-ethylhexyl)phthalate	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Butylbenzylphthalate	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbazole	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octylphthalate	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzo(a,h)anthracene	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Diethylphthalate	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dimethylphthalate	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	0.04	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	0.5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	--	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	10*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	0.4	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	1	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Phenanthrene	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	1	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Notes:
- Concentration exceeds corresponding NYSDEC Class GA Standard.
U - The compound was not detected at the indicated concentration.
B - The compund was also detected in the associated Method Blank.
J - Estimated value.
* Guidance Value
** Applies to the sum of these compounds
-- Not applicable
DUPLICATE 6/5/14 collected at TW-13
DUPLICATE 8/19/14 collected at S-1

TABLE 8
SUMMARY OF GROUNDWATER SAMPLING RESULTS-SVOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard or Guidance Value µg/L	TW-62 6/4/2014 WATER µg/L	P-1 6/5/2014 WATER µg/L	P-5 6/6/2014 WATER µg/L	S-1 6/6/2014 WATER µg/L	S-2 6/6/2014 WATER µg/L
SVOCs						
1,2,4-Trichlorobenzene	5	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	3	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	3	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	3	10 U	10 U	10 U	10 U	10 U
2,2´-oxybis(1-Chloropropane)	--	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	1**	20 U	20 U	20 U	20 U	20 U
2,4,6-Trichlorophenol	1**	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	1**	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	1**	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	10*	20 U	20 U	20 U	20 U	20 U
2,4-Dinitrotoluene	5	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	5	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	10*	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	1**	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	--	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	1	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	1**	10 U	10 U	10 U	10 U	10 U
3,3´-Dichlorobenzidine	1**	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	1**	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl-phenylether	--	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	1**	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	5	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl-phenylether	--	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	1**	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	5	20 U	20 U	20 U	20 U	20 U
4-Nitrophenol	1**	20 U	20 U	20 U	20 U	20 U
Acenaphthene	20	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	--	10 U	10 U	10 U	10 U	10 U
Anthracene	50*	10 U	10 U	10 U	10 U	10 U

Notes:
- Concentration exceeds corresponding NYSDEC Class GA Standard.
U - The compound was not detected at the indicated concentration.
B - The compund was also detected in the associated Method Blank.
J - Estimated value.
* Guidance Value
** Applies to the sum of these compounds
-- Not applicable
DUPLICATE 6/5/14 collected at TW-13
DUPLICATE 8/19/14 collected at S-1

TABLE 8
SUMMARY OF GROUNDWATER SAMPLING RESULTS-SVOCs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard or Guidance Value µg/L	TW-62 6/4/2014 WATER µg/L	P-1 6/5/2014 WATER µg/L	P-5 6/6/2014 WATER µg/L	S-1 6/6/2014 WATER µg/L	S-2 6/6/2014 WATER µg/L
SVOCs						
Benzo(a)anthracene	0.002*	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	ND	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	--	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U
Bis(2-chloroethoxy)methane	5	10 U	10 U	10 U	10 U	10 U
Bis(2-chloroethyl)ether	1	10 U	10 U	10 U	10 U	10 U
Bis(2-ethylhexyl)phthalate	5	10 U	10 U	10 U	10 U	10 U
Butylbenzylphthalate	--	10 U	10 U	10 U	10 U	10 U
Carbazole	--	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002*	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	50	10 U	10 U	10 U	10 U	10 U
Di-n-octylphthalate	50*	10 U	10 U	10 U	10 U	10 U
Dibenzo(a,h)anthracene	--	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	--	10 U	10 U	10 U	10 U	10 U
Diethylphthalate	50*	10 U	10 U	10 U	10 U	10 U
Dimethylphthalate	50*	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50*	10 U	10 U	10 U	10 U	10 U
Fluorene	50*	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	0.04	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	0.5	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	5	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	5	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	0.002*	10 U	10 U	10 U	10 U	10 U
Isophorone	50*	10 U	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	--	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	50*	10 U	10 U	10 U	10 U	10 U
Naphthalene	10*	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	0.4	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	1	20 U	20 U	20 U	20 U	20 U
Phenanthrene	50	10 U	10 U	10 U	10 U	10 U
Phenol	1	10 U	10 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U	10 U	10 U

Notes:
- Concentration exceeds corresponding NYSDEC Class GA Standard.
U - The compound was not detected at the indicated concentration.
B - The compund was also detected in the associated Method Blank.
J - Estimated value.
* Guidance Value
** Applies to the sum of these compounds
-- Not applicable
DUPLICATE 6/5/14 collected at TW-13
DUPLICATE 8/19/14 collected at S-1

TABLE 9
SUMMARY OF GROUNDWATER SAMPLING RESULTS-DETECTED METALS
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard or Guidance Value µg/L	TW-1 6/5/2014 WATER µg/L	TW-1 DUP 6/5/2014 WATER µg/L	TW-13 6/5/2014 WATER µg/L	DUPLICATE 6/05/14 (TW-13) 6/5/2014 WATER µg/L	TW-18 6/4/2014 WATER µg/L	TW-25 6/4/2014 WATER µg/L	TW-30 6/4/2014 WATER µg/L	TW-33 6/4/2014 WATER µg/L	TW-37 6/5/2014 WATER µg/L
TAL METALS (Total)										
Aluminum	2000	66 U	66 U	66 U	66.0 U	66 U	**571**	66 U	66 U	**449**
Arsenic	25	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U	4.3 U
Barium	1,000	200 U	**86.54 B**	200 U	200 U	200 U	**317**	200 U	**458**	200 U
Cadmium	5	0.89 U	0.89 U	0.89 U	0.89 U	0.89 U	**1.1 J**	0.89 U	0.89 U	0.89 U
Calcium	--	**228,000**	**221,500**	**168,000**	**161,000**	**197,000**	**456,000**	**267,000**	**167,000**	**274,000**
Chromium	50	0.64 U	0.64 U	0.64 U	50 U	0.64 U	**3.2 J**	**0.84 J**	0.64 U	**2.1 J**
Cobalt		0.67 U	0.67 U	50 U	**1.6 B**	0.67 U	**2.9 J**	**1.0 J**	0.67 U	50 U
Copper	200	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	**11.6 J**	3.6 U	3.6 U	8.6 J
Iron	300	**13,100**	**12,810**	**4,680**	**4,610**	**855**	**35,700**	**531**	**15,100**	**19,300**
Lead	25	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	**6.9 B**	4.2 U	4.2 U	**9.0 J**
Magnesium	35,000*	**20,800**	**20,290**	**14,100**	**14,100**	**17,800**	**50,800**	**21,500**	**23,300**	**25,700**
Manganese	300	**569**	**556.5**	**947**	**930**	**77.4**	**945**	**99.6**	**421**	**686**
Nickel	100	50 U	**2.188 B**	50 U	50 U	0.85 U	**14.8 J**	**2.4 J**	**1.3 J**	50 U
Potassium	--	**16,800**	**16710**	**11,600**	**11,300**	**12,100**	**38,000**	**8,760**	**8,950**	**22,500**
Sodium	20,000	**362,000**	**355,800**	**171,000**	**176,000**	**21,800**	**643,000**	**63,600**	**54,400**	**205,000**
Vanadium	--	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	**2.5 J**	1.1 U	1.1 U	**2.2 J**
Zinc	2,000*	4.9 U	4.9 U	50 U	50 U	4.9 U	**39.5 J**	**12.6 J**	4.9 U	50 U

Notes:
[ ] - Concentration exceeds corresponding NYSDEC Class GA Standard.
U - The compound was not detected at the indicated concentration.
B - The comound was also detected in the associated Method Blank.
*Guidance Value.
-- Not applicable
DUPLICATE 6/5/14 collected at TW-13
DUPLICATE 8/19/14 collected at S-1

TABLE 9
SUMMARY OF GROUNDWATER SAMPLING RESULTS-DETECTED METALS
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard or Guidance Value µg/L	TW-41 6/4/2014 WATER µg/L	TW-51 6/5/2014 WATER µg/L	TW-57 6/5/2014 WATER µg/L	TW-62 6/4/2014 WATER µg/L	P-1 6/5/2014 WATER µg/L	P-5 6/6/2014 WATER µg/L	S-1 6/6/2014 WATER µg/L	S-2 6/6/2014 WATER µg/L
TAL METALS (Total)									
Aluminum	2000	66 U	66 U	66 U	66 U	66 U	66 U	66 U	66 U
Arsenic	25	4.3 U	**7.5 J**	4.3 U	4.3 U	4.3 U	4.3 U	**5.0 J**	4.3 U
Barium	1,000	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Cadmium	5	0.89 U	0.89 U	0.89 U	0.89 U	0.89 U	0.89 U	**2.7 J**	0.89 U
Calcium	--	**161,000**	**114,000**	**237,000**	**178,000**	**126,000**	**168,000**	**116,000**	**125,000**
Chromium	50	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U
Cobalt		**0.81 J**	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	50 U	50 U
Copper	200	3.6 U	3.6 U	**4.3 J**	3.6 U	**9.4 J**	3.6 U	**32.4**	**4.8 J**
Iron	300	**303**	**17,600**	**2,960**	**3,810**	31.0 U	**6,010**	**1,200**	**12,300**
Lead	25	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U
Magnesium	35,000*	**16,200**	**15,300**	**19,700**	**19,800**	**12,100**	**12,700**	**10,300**	**11,200**
Manganese	300	**193**	**509**	**468**	**341**	**57.1**	**269**	**183**	**279**
Nickel	100	**2.7 J**	50 U	50 U	0.85 U	**5.3 J**	**1.2 J**	**8.6 J**	**15.3 J**
Potassium	--	**21,600**	**11,100**	**32,300**	**19,100**	**12,000**	**13,800**	**11,500**	**11,600**
Sodium	20,000	**110,000**	**416,000**	**1,070,000**	**812,000**	**36,500**	**59,100**	**53,800**	**52,500**
Vanadium	--	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Zinc	2,000*	**5.0 J**	4.9 U	**61.2**	4.9 U	**89.7**	**6.5 J**	**2,810**	**2,640**

Notes:
[ ] - Concentration exceeds corresponding NYSDEC Class GA Standard.
U - The compound was not detected at the indicated concentration.
B - The comound was also detected in the associated Method Blank.
*Guidance Value.
-- Not applicable
DUPLICATE 6/5/14 collected at TW-13
DUPLICATE 8/19/14 collected at S-1

TABLE 10
SUMMARY OF GROUNDWATER SAMPLING RESULTS-PESTICIDES and PCBs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID	NYSDEC Class GA Standard	TW-1	TW-13	DUPLICATE 6/5/14 (TW-13)	TW-18	TW-25	TW-30	TW-33
Sampling Date		6/5/2014	6/5/2014	6/5/2014	6/4/2014	6/4/2014	6/4/2014	6/4/2014
Matrix		WATER	WATER	WATER	WATER	WATER	WATER	WATER
Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Pesticides								
4,4´-DDD	0.3	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.10 U
4,4´-DDE	0.2	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.10 U
4,4´-DDT	0.2	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.10 U
Aldrin	ND	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 U
alpha-BHC	--	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 U
alpha-Chlordane	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 U
beta-BHC	--	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 U
delta-BHC	--	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 U
Dieldrin	0.004	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.10 U
Endosulfan I	--	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 U
Endosulfan II	--	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.10 U
Endosulfan sulfate	--	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.10 U
Endrin	ND	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.10 U
Endrin aldehyde	5	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.10 U
Endrin ketone	5	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.10 U
gamma-BHC (Lindane)	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 U
gamma-Chlordane	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 U
Heptachlor	0.04	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 U
Heptachlor epoxide	0.03	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 U
Methoxychlor	35	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 U
Toxaphene	0.06	5.4 U	5.3 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U
PCBs								
Aroclor-1016	0.09*	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Aroclor-1221	0.09*	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Aroclor-1232	0.09*	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Aroclor-1242	0.09*	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Aroclor-1248	0.09*	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Aroclor-1254	0.09*	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Aroclor-1260	0.09*	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Aroclor-1262	0.09*	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Aroclor-1268	0.09*	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ

Notes:
- Concentration exceeds corresponding NYSDEC Class GA Standard.
U - The compound was not detected at the indicated concentration.
UJ- The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
*Appies to the sum of these compounds.
ND - Non-detectable concentration by the approved analytical methods.
-- Not applicable
DUPLICATE 6/5/14 collected at TW-13
DUPLICATE 8/19/14 collected at S-1

TABLE 10
SUMMARY OF GROUNDWATER SAMPLING RESULTS-PESTICIDES and PCBs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard µg/L	TW-37 6/5/2014 WATER µg/L	TW-41 6/4/2014 WATER µg/L	TW-51 6/5/2014 WATER µg/L	TW-57 6/5/2014 WATER µg/L	TW-62 6/4/2014 WATER µg/L	P-1 6/5/2014 WATER µg/L	P-1 8/19/2014 WATER µg/L	P-5 6/6/2014 WATER µg/L
Pesticides									
4,4´-DDD	0.3	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	NS	0.10 U
4,4´-DDE	0.2	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	NS	0.10 U
4,4´-DDT	0.2	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	NS	0.10 U
Aldrin	ND	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	NS	0.050 U
alpha-BHC	--	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	NS	0.050 U
alpha-Chlordane	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	NS	0.050 U
beta-BHC	--	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	NS	0.050 U
delta-BHC	--	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	NS	0.050 U
Dieldrin	0.004	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	NS	0.10 U
Endosulfan I	--	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	NS	0.050 U
Endosulfan II	--	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	NS	0.10 U
Endosulfan sulfate	--	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	NS	0.10 U
Endrin	ND	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	NS	0.10 U
Endrin aldehyde	5	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	NS	0.10 U
Endrin ketone	5	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	NS	0.10 U
gamma-BHC (Lindane)	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	NS	0.050 U
gamma-Chlordane	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	NS	0.050 U
Heptachlor	0.04	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	NS	0.050 U
Heptachlor epoxide	0.03	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	NS	0.050 U
Methoxychlor	35	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	NS	0.50 U
Toxaphene	0.06	5.2 U	5.0 U	5.1 U	5.0 U	5.0 U	5.5 U	NS	5.8 U
PCBs									
Aroclor-1016	0.09*	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ
Aroclor-1221	0.09*	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
Aroclor-1232	0.09*	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
Aroclor-1242	0.09*	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
Aroclor-1248	0.09*	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
Aroclor-1254	0.09*	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
Aroclor-1260	0.09*	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ
Aroclor-1262	0.09*	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
Aroclor-1268	0.09*	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U

Notes:
- Concentration exceeds corresponding NYSDEC Class GA Standard.
U - The compound was not detected at the indicated concentration.
UJ- The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
*Appies to the sum of these compounds.
ND - Non-detectable concentration by the approved analytical methods.
-- Not applicable
DUPLICATE 6/5/14 collected at TW-13
DUPLICATE 8/19/14 collected at S-1

TABLE 10
SUMMARY OF GROUNDWATER SAMPLING RESULTS-PESTICIDES and PCBs
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard µg/L	P-5 8/19/2014 WATER µg/L	S-1 6/6/2014 WATER µg/L	S-1 8/19/2014 WATER µg/L	DUPLICATE 8/19/14 (S-1) 8/19/2014 WATER µg/L	S-2 6/6/2014 WATER µg/L	S-2 8/19/2014 WATER µg/L
Pesticides							
4,4´-DDD	0.3	NS	0.10 U	NS	NS	0.10 U	NS
4,4´-DDE	0.2	NS	0.10 U	NS	NS	0.10 U	NS
4,4´-DDT	0.2	NS	0.10 U	NS	NS	0.10 U	NS
Aldrin	ND	NS	0.050 U	NS	NS	0.050 U	NS
alpha-BHC	--	NS	0.050 U	NS	NS	0.050 U	NS
alpha-Chlordane	0.05	NS	0.050 U	NS	NS	0.050 U	NS
beta-BHC	--	NS	0.050 U	NS	NS	0.050 U	NS
delta-BHC	--	NS	0.050 U	NS	NS	0.050 U	NS
Dieldrin	0.004	NS	0.10 U	NS	NS	0.10 U	NS
Endosulfan I	--	NS	0.050 U	NS	NS	0.050 U	NS
Endosulfan II	--	NS	0.10 U	NS	NS	0.10 U	NS
Endosulfan sulfate	--	NS	0.10 U	NS	NS	0.10 U	NS
Endrin	ND	NS	0.10 U	NS	NS	0.10 U	NS
Endrin aldehyde	5	NS	0.10 U	NS	NS	0.10 U	NS
Endrin ketone	5	NS	0.10 U	NS	NS	0.10 U	NS
gamma-BHC (Lindane)	0.05	NS	0.050 U	NS	NS	0.050 U	NS
gamma-Chlordane	0.05	NS	0.050 U	NS	NS	0.050 U	NS
Heptachlor	0.04	NS	0.050 U	NS	NS	0.050 U	NS
Heptachlor epoxide	0.03	NS	0.050 U	NS	NS	0.050 U	NS
Methoxychlor	35	NS	0.50 U	NS	NS	0.50 U	NS
Toxaphene	0.06	NS	5.6 U	NS	NS	5.7 U	NS
PCBs							
Aroclor-1016	0.09*	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U
Aroclor-1221	0.09*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1232	0.09*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1242	0.09*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1248	0.09*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1254	0.09*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260	0.09*	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U
Aroclor-1262	0.09*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1268	0.09*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Notes:
- Concentration exceeds corresponding NYSDEC Class GA Standard.
U - The compound was not detected at the indicated concentration.
UJ- The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
*Appies to the sum of these compounds.
ND - Non-detectable concentration by the approved analytical methods.
-- Not applicable
DUPLICATE 6/5/14 collected at TW-13
DUPLICATE 8/19/14 collected at S-1

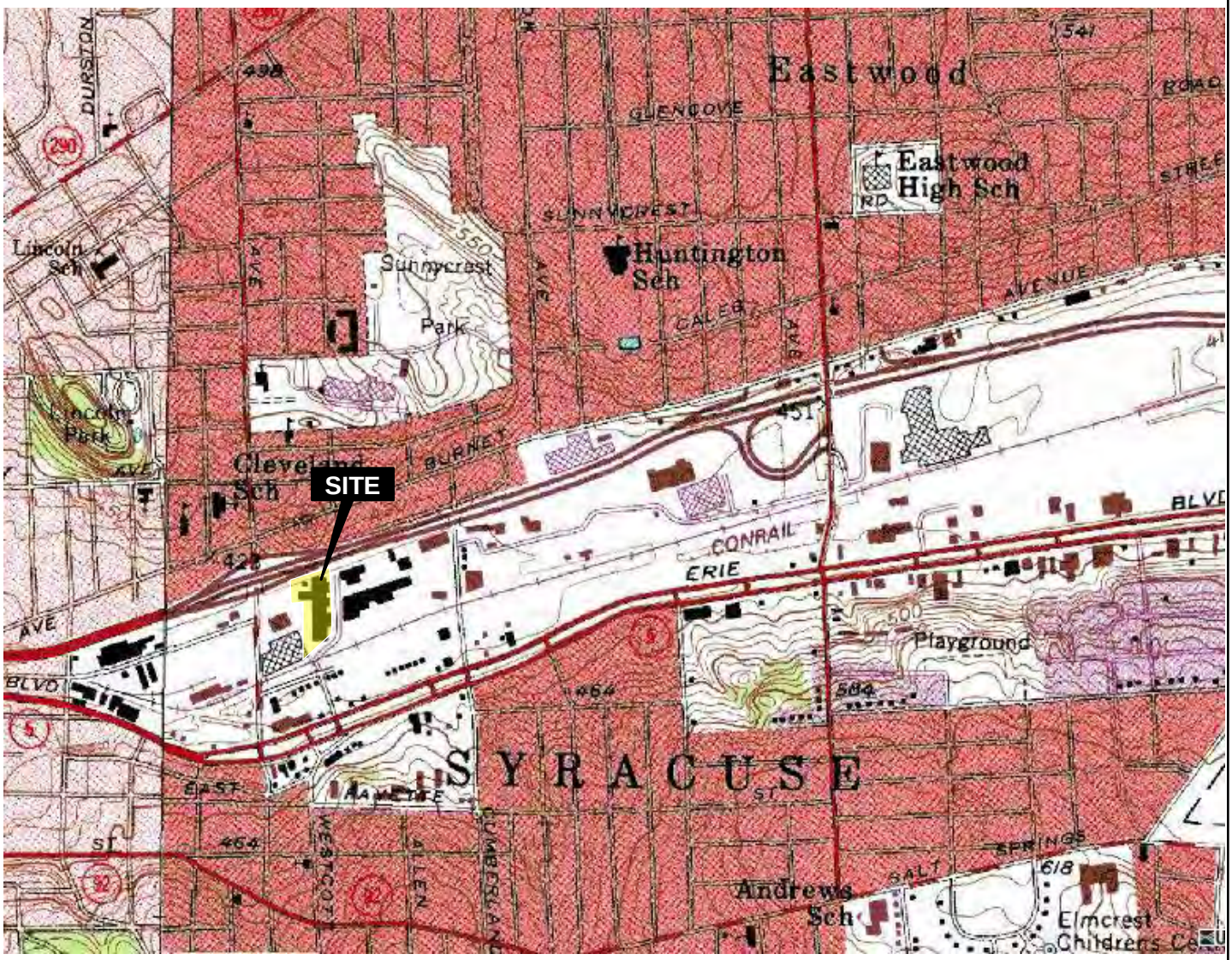
TABLE 11
ANALYTICAL STATISTICAL SUMMARY
SITE CHARACTERIZATION
PETER WINKELMAN COMPANY, INC.
SYRACUSE, NEW YORK

Soil							
	No of Samples	**No. of Detections**	**Minimum Detected Concentration**	**Maximum Detected Concentration**	**Number of Unrestricted Use SCO Exceedances**	**Number of Industrial Use SCO Exceedances**	**Number of Protection of Groundwater SCO Exceedances**
VOCs	121	278	1.2 µg/kg	37,000 µg/kg	23	0	23
SVOCs	121	1,253	70 µg/kg	160,000 µg/kg	242	51	117
Metals	121	2,325	0.0034 mg/kg	416,000 mg/kg	196	2	30
Pesticides	121	90	2.0 µg/kg	120 µg/kg	28	0	0
PCBs	121	5	28 µg/kg	1,600 µg/kg	3	0	0

Groundwater					
	No of Samples	**No. of Detections**	**Minimum Detected Concentration**	**Maximum Detected Concentration**	**No. of NYSDEC Class GA Exceedances**
VOCs	21	12	0.65 µg/L	9.6 µg/L	1
SVOCs	16	0	--	--	0
Metals	17	144	0.81 µg/L	1,070,000 µg/L	46
Pesticides	21	0	--	--	0
PCBs	21	0	--	--	0

Notes:
SCO - 6 NYCRR Part 375 Soil Cleanup Objective
-- No detectable concentration reported

Figures



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

PETER WINKELMAN SITE
SYRACUSE, NEW YORK

REMEDIAL INVESTIGATION

SITE LOCATION

ARCADIS

Figure
1

Document path

Source: USGS 1:24,000 Quadrangle , East Syracuse (1978)

USER: HAUSMANN FILENAME: G:\ACAD\PROJ\00266421.0000\FIGURES\FIG 2-AERIAL PHOTO.DWG SAVE DATE: 10/3/2014 10:28 AM PLOT DATE: 10/3/2014 10:29 AM

TEALL AVENUE

UNITED STATES POST OFFICE

INTERSTATE ROUTE 690

PETER WINKELMAN COMPANY

CITY OF SYRACUSE COMPOSTING YARD

LYNCH STREET

LEGEND

APPROXIMATE PROPERTY LINE

APPROXIMATE BOUNDARY OF OU-1 AREA

40 0 40 80

SCALE: 1" = 80'

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PETER WINKELMAN SITE
SYRACUSE, NY

REMEDIAL INVESTIGATION

AERIAL PHOTOGRAPH

ARCADIS

FIGURE
2

USER: HAUSMANN FILENAME: G:\ACAD\PROJ\00266421.0000\FIGURES\FIG 3-SAMPLE LOCATIONS.DWG SAVE DATE: 10/3/2014 10:30 AM PLOT DATE: 10/3/2014 10:30 AM

TEALL AVENUE

UNITED STATES POST OFFICE

INTERSTATE ROUTE 690

PETER WINKELMAN COMPANY

CITY OF SYRACUSE COMPOSTING YARD

LYNCH STREET

SB-1 SB-2 SB-3 SB-4 SB-5 SB-6 SB-7 SB-8 SB-9 SB-10 SB-11 SB-12 SB-14 SB-15 SB-16 SB-17 SB-18 SB-19 SB-20 SB-21 SB-22 SB-23 SB-24 SB-25 SB-26 SB-27 SB-28 SB-29 SB-30 SB-31 SB-32 SB-33 SB-34 SB-35 SB-36 SB-37 SB-38 SB-39 SB-40 SB-41 SB-42 SB-43 SB-44 SB-45 SB-46 SB-47 SB-48 SB-49 SB-50 SB-51 SB-52 SB-53 SB-54 SB-55 SB-56 SB-57 SB-58 SB-59 SB-60 SB-61 SB-62

SDP-1-1 SDP-1-2 SDP-2 SDP-3 SDP-4 SDP-5 SDP-6 SDP-7 SDP-8 SDP-9 SDP-10-1 SDP-10-2 SDP-11 SDP-12-1 SDP-12-2 SDP-13 SDP-14-1 SDP-14-2

TW-1 TW-13 TW-18 TW-25 TW-30 TW-33 TW-37 TW-41 TW-51 TW-57 TW-62

P-1 P-5

S-1 S-2

LEGEND

- SB — SOIL BORING
- SDP — SOIL DEBRIS PILE SAMPLE
- S — PRE-EXISTING 24" CMP SUMP SAMPLE
- TW — TEMPORARY GROUNDWATER MONITORING WELL
- P — PRE-EXISTING GROUNDWATER MONITORING WELL
- APPROXIMATE PROPERTY LINE
- APPROXIMATE BOUNDARY OF OU-1 AREA

40 0 40 80

SCALE: 1" = 80'

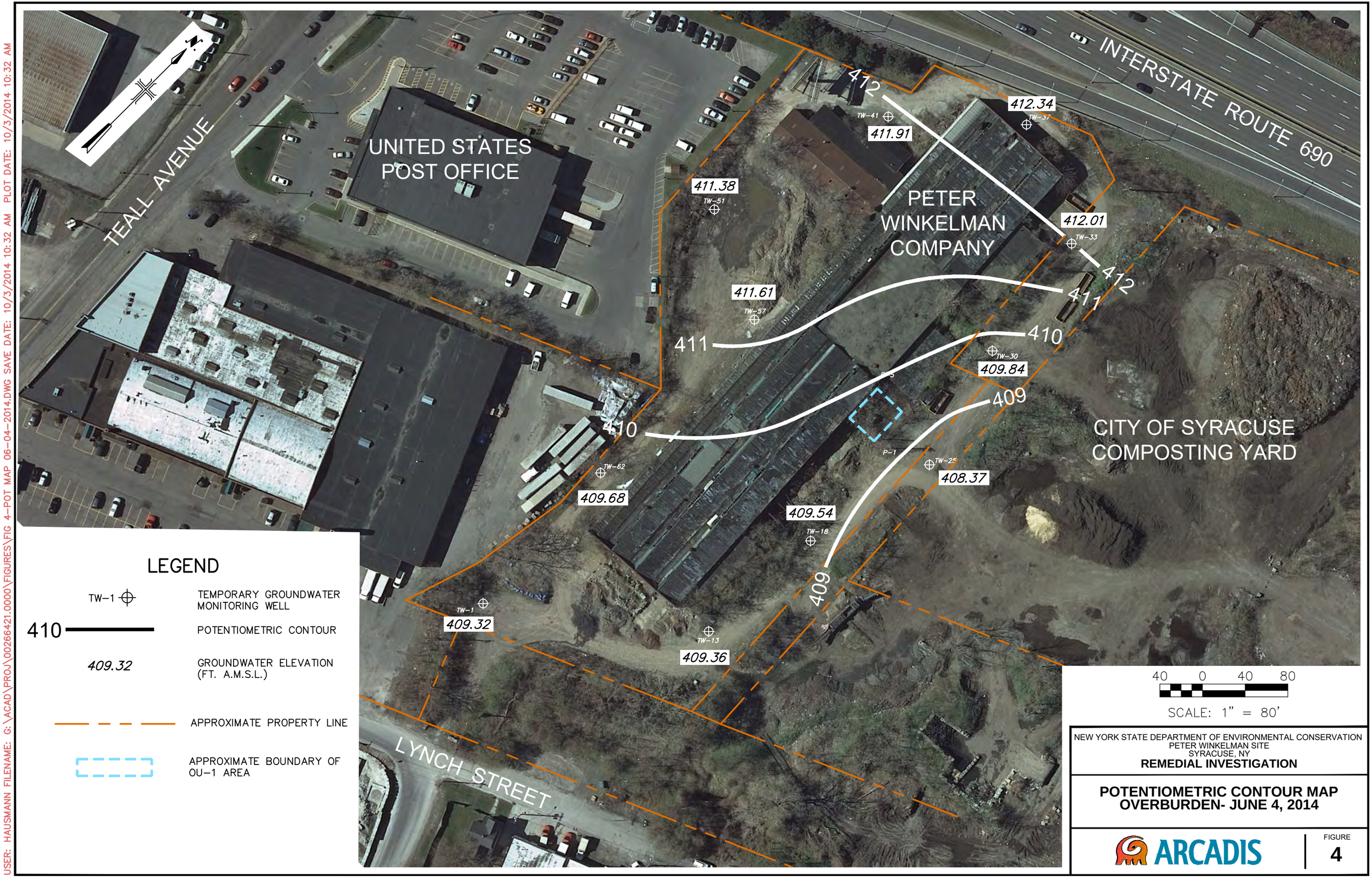
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PETER WINKELMAN SITE
SYRACUSE, NY

REMEDIAL INVESTIGATION

SAMPLING LOCATIONS

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FIGURE 3



LEGEND

- TW-1 — TEMPORARY GROUNDWATER MONITORING WELL
- 410 — POTENTIOMETRIC CONTOUR
- 409.32 — GROUNDWATER ELEVATION (FT. A.M.S.L.)
- APPROXIMATE PROPERTY LINE
- APPROXIMATE BOUNDARY OF OU-1 AREA

40 0 40 80

SCALE: 1" = 80'

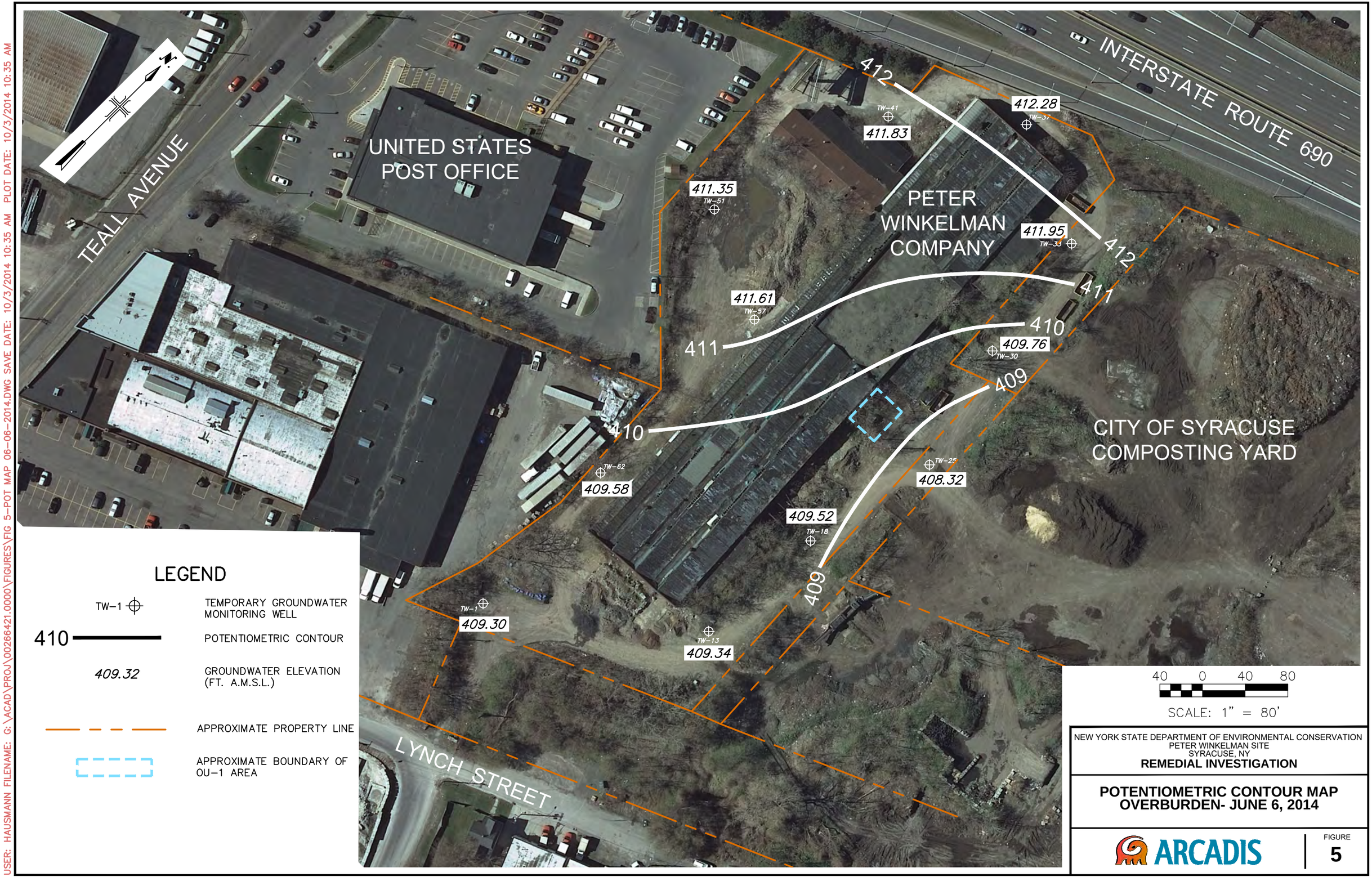
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REMEDIAL INVESTIGATION

POTENTIOMETRIC CONTOUR MAP OVERBURDEN- JUNE 4, 2014

ARCADIS

FIGURE 4

USER: HAUSMANN FILENAME: G:\ACAD\PROJ\00266421.0000\FIGURES\FIG 4-POT MAP 06-04-2014.DWG SAVE DATE: 10/3/2014 10:32 AM PLOT DATE: 10/3/2014 10:32 AM



LEGEND

- TW-1 — TEMPORARY GROUNDWATER MONITORING WELL
- 410 — POTENTIOMETRIC CONTOUR
- 409.32 — GROUNDWATER ELEVATION (FT. A.M.S.L.)
- APPROXIMATE PROPERTY LINE
- APPROXIMATE BOUNDARY OF OU-1 AREA

40 0 40 80

SCALE: 1" = 80'

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PETER WINKELMAN SITE
SYRACUSE, NY
REMEDIAL INVESTIGATION

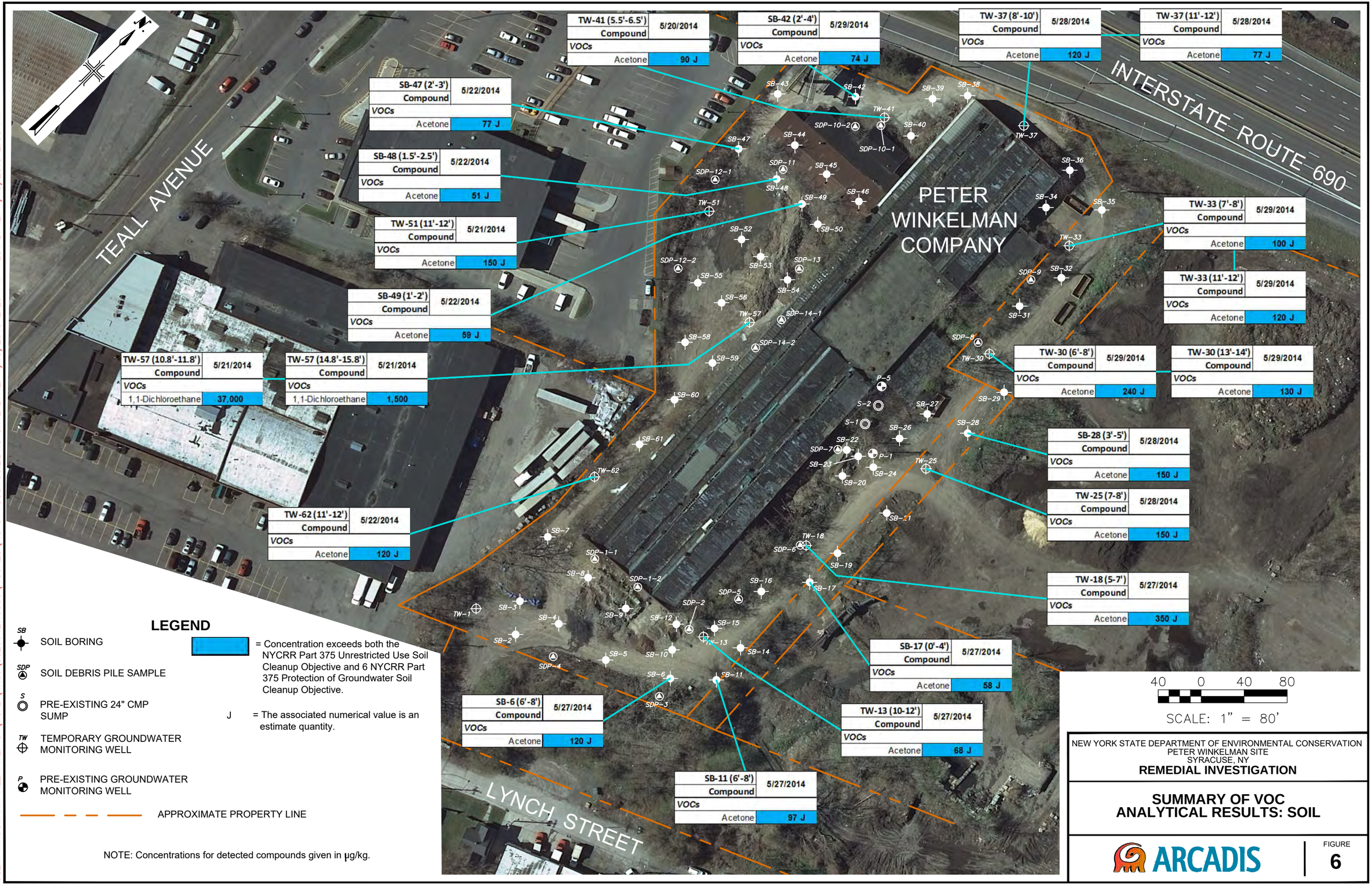
POTENTIOMETRIC CONTOUR MAP OVERBURDEN- JUNE 6, 2014

ARCADIS

FIGURE 5

USER: HAUSMANN FILENAME: G:\ACAD\PROJ\00266421.0000\FIGURES\FIG 5-POT MAP 06-06-2014.DWG SAVE DATE: 10/3/2014 10:35 AM PLOT DATE: 10/3/2014 10:35 AM

USER: HAUSMANN FILENAME: G:\ACAD\PROJ\00266421.0000\FIGURES\FIG 6-VOCS-SOIL.DWG SAVE DATE: 1/13/2015 2:29 PM PLOT DATE: 1/13/2015 2:30 PM



LEGEND

- SB — SOIL BORING
- SDP — SOIL DEBRIS PILE SAMPLE
- S — PRE-EXISTING 24" CMP SUMP
- TW — TEMPORARY GROUNDWATER MONITORING WELL
- P — PRE-EXISTING GROUNDWATER MONITORING WELL
- APPROXIMATE PROPERTY LINE

= Concentration exceeds both the NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

J = The associated numerical value is an estimate quantity.

NOTE: Concentrations for detected compounds given in µg/kg.

40 0 40 80

SCALE: 1" = 80'

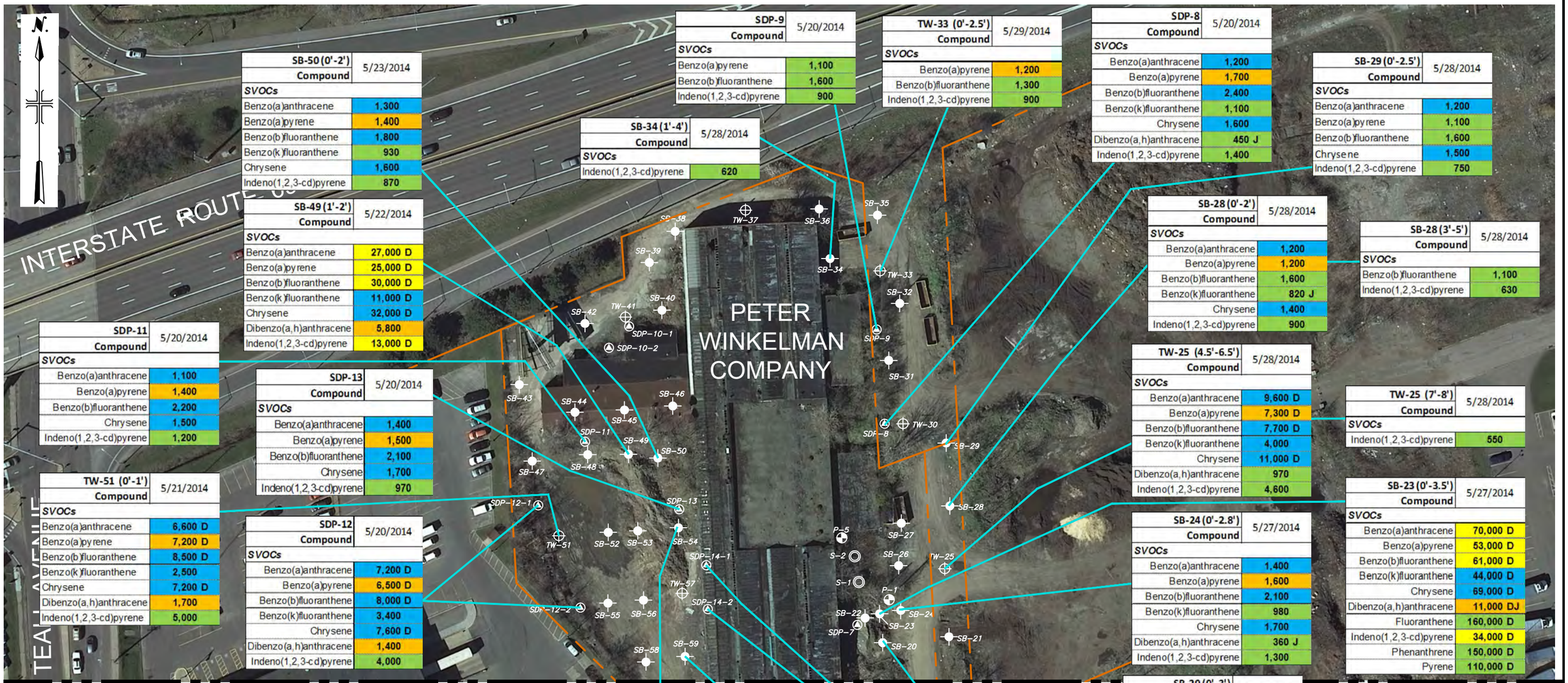
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PETER WINKELMAN SITE
SYRACUSE, NY

REMEDIAL INVESTIGATION

SUMMARY OF VOC ANALYTICAL RESULTS: SOIL

ARCADIS

FIGURE 6



SB-50 (0'-2')	5/23/2014
Compound	
SVOCs	
Benzo(a)anthracene	1,300
Benzo(a)pyrene	1,400
Benzo(b)fluoranthene	1,800
Benzo(k)fluoranthene	930
Chrysene	1,600
Indeno(1,2,3-cd)pyrene	870

SB-49 (1'-2')	5/22/2014
Compound	
SVOCs	
Benzo(a)anthracene	27,000 D
Benzo(a)pyrene	25,000 D
Benzo(b)fluoranthene	30,000 D
Benzo(k)fluoranthene	11,000 D
Chrysene	32,000 D
Dibenzo(a,h)anthracene	5,800
Indeno(1,2,3-cd)pyrene	13,000 D

SDP-11	5/20/2014
Compound	
SVOCs	
Benzo(a)anthracene	1,100
Benzo(a)pyrene	1,400
Benzo(b)fluoranthene	2,200
Chrysene	1,500
Indeno(1,2,3-cd)pyrene	1,200

SDP-13	5/20/2014
Compound	
SVOCs	
Benzo(a)anthracene	1,400
Benzo(a)pyrene	1,500
Benzo(b)fluoranthene	2,100
Chrysene	1,700
Indeno(1,2,3-cd)pyrene	970

TW-51 (0'-1')	5/21/2014
Compound	
SVOCs	
Benzo(a)anthracene	6,600 D
Benzo(a)pyrene	7,200 D
Benzo(b)fluoranthene	8,500 D
Benzo(k)fluoranthene	2,500
Chrysene	7,200 D
Dibenzo(a,h)anthracene	1,700
Indeno(1,2,3-cd)pyrene	5,000

SDP-12	5/20/2014
Compound	
SVOCs	
Benzo(a)anthracene	7,200 D
Benzo(a)pyrene	6,500 D
Benzo(b)fluoranthene	8,000 D
Benzo(k)fluoranthene	3,400
Chrysene	7,600 D
Dibenzo(a,h)anthracene	1,400
Indeno(1,2,3-cd)pyrene	4,000

SDP-9	5/20/2014
Compound	
SVOCs	
Benzo(a)pyrene	1,100
Benzo(b)fluoranthene	1,600
Indeno(1,2,3-cd)pyrene	900

SB-34 (1'-4')	5/28/2014
Compound	
SVOCs	
Indeno(1,2,3-cd)pyrene	620

TW-33 (0'-2.5')	5/29/2014
Compound	
SVOCs	
Benzo(a)pyrene	1,200
Benzo(b)fluoranthene	1,300
Indeno(1,2,3-cd)pyrene	900

SDP-8	5/20/2014
Compound	
SVOCs	
Benzo(a)anthracene	1,200
Benzo(a)pyrene	1,700
Benzo(b)fluoranthene	2,400
Benzo(k)fluoranthene	1,100
Chrysene	1,600
Dibenzo(a,h)anthracene	450 J
Indeno(1,2,3-cd)pyrene	1,400

SB-29 (0'-2.5')	5/28/2014
Compound	
SVOCs	
Benzo(a)anthracene	1,200
Benzo(a)pyrene	1,100
Benzo(b)fluoranthene	1,600
Chrysene	1,500
Indeno(1,2,3-cd)pyrene	750

SB-28 (0'-2')	5/28/2014
Compound	
SVOCs	
Benzo(a)anthracene	1,200
Benzo(a)pyrene	1,200
Benzo(b)fluoranthene	1,600
Benzo(k)fluoranthene	820 J
Chrysene	1,400
Indeno(1,2,3-cd)pyrene	900

SB-28 (3'-5')	5/28/2014
Compound	
SVOCs	
Benzo(b)fluoranthene	1,100
Indeno(1,2,3-cd)pyrene	630

TW-25 (4.5'-6.5')	5/28/2014
Compound	
SVOCs	
Benzo(a)anthracene	9,600 D
Benzo(a)pyrene	7,300 D
Benzo(b)fluoranthene	7,700 D
Benzo(k)fluoranthene	4,000
Chrysene	11,000 D
Dibenzo(a,h)anthracene	970
Indeno(1,2,3-cd)pyrene	4,600

TW-25 (7'-8')	5/28/2014
Compound	
SVOCs	
Indeno(1,2,3-cd)pyrene	550

SB-23 (0'-3.5')	5/27/2014
Compound	
SVOCs	
Benzo(a)anthracene	70,000 D
Benzo(a)pyrene	53,000 D
Benzo(b)fluoranthene	61,000 D
Benzo(k)fluoranthene	44,000 D
Chrysene	69,000 D
Dibenzo(a,h)anthracene	11,000 DJ
Fluoranthene	160,000 D
Indeno(1,2,3-cd)pyrene	34,000 D
Phenanthrene	150,000 D
Pyrene	110,000 D

SB-24 (0'-2.8')	5/27/2014
Compound	
SVOCs	
Benzo(a)anthracene	1,400
Benzo(a)pyrene	1,600
Benzo(b)fluoranthene	2,100
Benzo(k)fluoranthene	980
Chrysene	1,700
Dibenzo(a,h)anthracene	360 J
Indeno(1,2,3-cd)pyrene	1,300

SB-20 (0'-3')	5/27/2014
Compound	
SVOCs	
Benzo(a)anthracene	22,000 D
Benzo(a)pyrene	18,000 D
Benzo(b)fluoranthene	23,000 D
Benzo(k)fluoranthene	13,000 D
Chrysene	25,000 D
Dibenzo(a,h)anthracene	3,700 DJ
Indeno(1,2,3-cd)pyrene	10,000 D

SB-54 (2.5'-3.5')	5/21/2014
Compound	
SVOCs	
Benzo(a)anthracene	1,700
Benzo(a)pyrene	1,800
Benzo(b)fluoranthene	2,700
Benzo(k)fluoranthene	1,000
Chrysene	2,200
Indeno(1,2,3-cd)pyrene	1,400

SB-59 (0.5'-2')	5/22/2014
Compound	
SVOCs	
Benzo(a)anthracene	1,100
Benzo(a)pyrene	1,100
Benzo(b)fluoranthene	1,600
Chrysene	1,200
Indeno(1,2,3-cd)pyrene	760

SDP-14	5/20/2014
Compound	
SVOCs	
Benzo(a)anthracene	2,300
Benzo(a)pyrene	2,300
Benzo(b)fluoranthene	3,300
Benzo(k)fluoranthene	1,000
Chrysene	2,300
Indeno(1,2,3-cd)pyrene	1,500

LEGEND

- SB — SOIL BORING
- SDP — SOIL DEBRIS PILE SAMPLE
- S — PRE-EXISTING 24" CMP SUMP
- TW — TEMPORARY GROUNDWATER MONITORING WELL
- P — PRE-EXISTING GROUNDWATER MONITORING WELL

J = The associated numerical value is an estimate quantity.

D = Sample Diluted

= Concentration exceeds corresponding NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

= Concentration exceeds both the NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

= Concentration exceeds both the NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health-Industrial Soil Cleanup Objective.

= Concentration exceeds the NYCRR Part 375 Unrestricted Use Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health-Industrial Soil Cleanup Objective.

APPROXIMATE PROPERTY LINE

NOTE: Concentrations for detected compounds given in µg/kg.

MATCH LINE FIGURE 7B

40 0 40 80
SCALE: 1" = 80'

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PETER WINKELMAN SITE
SYRACUSE, NY

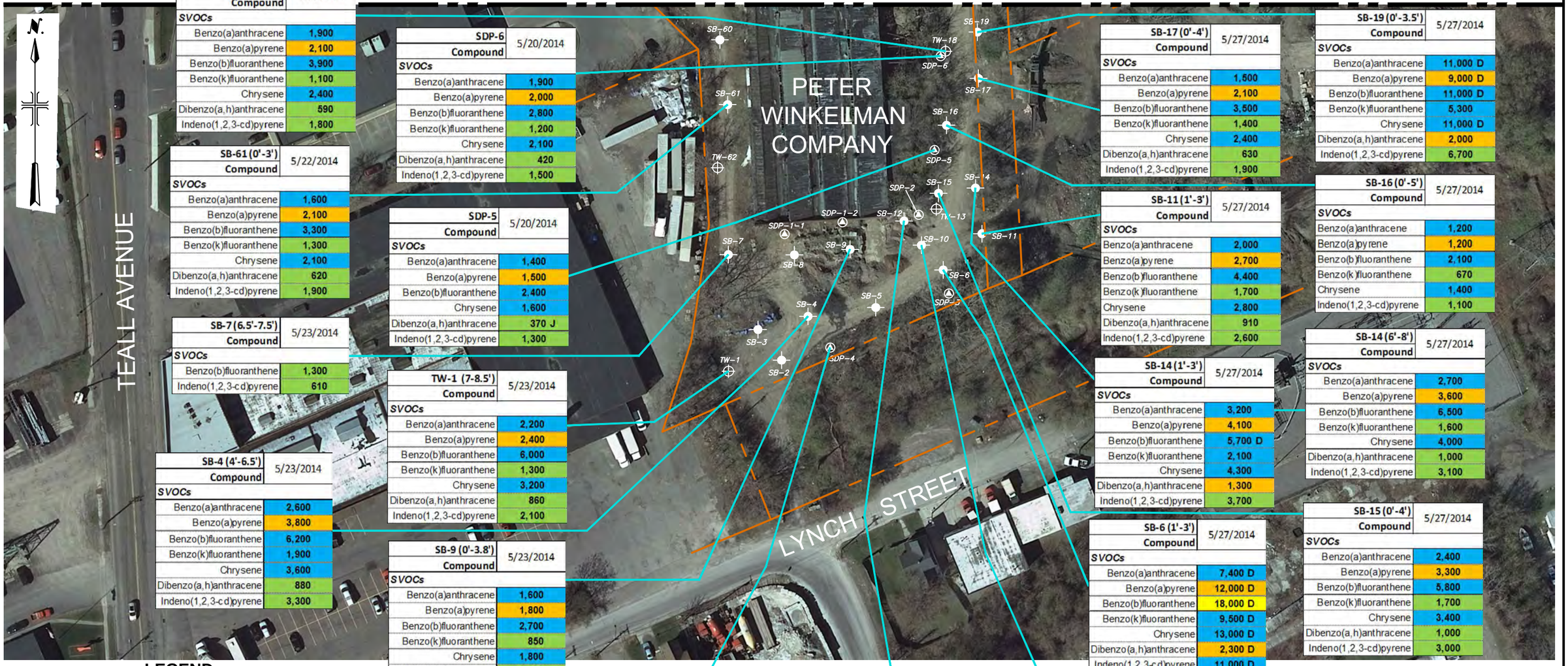
REMEDIAL INVESTIGATION

SUMMARY OF SVOC ANALYTICAL RESULTS (NORTH AREA OF SITE): SOIL

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FIGURE 7A

USER: HAUSMANN FILENAME: G:\ACAD\PROJ\00266421.0000\FIGURES\FIG 7-SVOCS-SOIL.DWG SAVE DATE: 1/13/2015 2:31 PM PLOT DATE: 1/13/2015 2:31 PM



TW-18 (0'-4')	5/27/2014
Compound	
SVOCs	
Benzo(a)anthracene	1,900
Benzo(a)pyrene	2,100
Benzo(b)fluoranthene	3,900
Benzo(k)fluoranthene	1,100
Chrysene	2,400
Dibenzo(a,h)anthracene	590
Indeno(1,2,3-cd)pyrene	1,800

SDP-6	5/20/2014
Compound	
SVOCs	
Benzo(a)anthracene	1,900
Benzo(a)pyrene	2,000
Benzo(b)fluoranthene	2,800
Benzo(k)fluoranthene	1,200
Chrysene	2,100
Dibenzo(a,h)anthracene	420
Indeno(1,2,3-cd)pyrene	1,500

SB-61 (0'-3')	5/22/2014
Compound	
SVOCs	
Benzo(a)anthracene	1,600
Benzo(a)pyrene	2,100
Benzo(b)fluoranthene	3,300
Benzo(k)fluoranthene	1,300
Chrysene	2,100
Dibenzo(a,h)anthracene	620
Indeno(1,2,3-cd)pyrene	1,900

SDP-5	5/20/2014
Compound	
SVOCs	
Benzo(a)anthracene	1,400
Benzo(a)pyrene	1,500
Benzo(b)fluoranthene	2,400
Chrysene	1,600
Dibenzo(a,h)anthracene	370 J
Indeno(1,2,3-cd)pyrene	1,300

SB-7 (6.5'-7.5')	5/23/2014
Compound	
SVOCs	
Benzo(b)fluoranthene	1,300
Indeno(1,2,3-cd)pyrene	610

TW-1 (7-8.5')	5/23/2014
Compound	
SVOCs	
Benzo(a)anthracene	2,200
Benzo(a)pyrene	2,400
Benzo(b)fluoranthene	6,000
Benzo(k)fluoranthene	1,300
Chrysene	3,200
Dibenzo(a,h)anthracene	860
Indeno(1,2,3-cd)pyrene	2,100

SB-4 (4'-6.5')	5/23/2014
Compound	
SVOCs	
Benzo(a)anthracene	2,600
Benzo(a)pyrene	3,800
Benzo(b)fluoranthene	6,200
Benzo(k)fluoranthene	1,900
Chrysene	3,600
Dibenzo(a,h)anthracene	880
Indeno(1,2,3-cd)pyrene	3,300

SB-9 (0'-3.8')	5/23/2014
Compound	
SVOCs	
Benzo(a)anthracene	1,600
Benzo(a)pyrene	1,800
Benzo(b)fluoranthene	2,700
Benzo(k)fluoranthene	850
Chrysene	1,800
Indeno(1,2,3-cd)pyrene	1,200

SB-17 (0'-4')	5/27/2014
Compound	
SVOCs	
Benzo(a)anthracene	1,500
Benzo(a)pyrene	2,100
Benzo(b)fluoranthene	3,500
Benzo(k)fluoranthene	1,400
Chrysene	2,400
Dibenzo(a,h)anthracene	630
Indeno(1,2,3-cd)pyrene	1,900

SB-19 (0'-3.5')	5/27/2014
Compound	
SVOCs	
Benzo(a)anthracene	11,000 D
Benzo(a)pyrene	9,000 D
Benzo(b)fluoranthene	11,000 D
Benzo(k)fluoranthene	5,300
Chrysene	11,000 D
Dibenzo(a,h)anthracene	2,000
Indeno(1,2,3-cd)pyrene	6,700

SB-11 (1'-3')	5/27/2014
Compound	
SVOCs	
Benzo(a)anthracene	2,000
Benzo(a)pyrene	2,700
Benzo(b)fluoranthene	4,400
Benzo(k)fluoranthene	1,700
Chrysene	2,800
Dibenzo(a,h)anthracene	910
Indeno(1,2,3-cd)pyrene	2,600

SB-16 (0'-5')	5/27/2014
Compound	
SVOCs	
Benzo(a)anthracene	1,200
Benzo(a)pyrene	1,200
Benzo(b)fluoranthene	2,100
Benzo(k)fluoranthene	670
Chrysene	1,400
Indeno(1,2,3-cd)pyrene	1,100

SB-14 (1'-3')	5/27/2014
Compound	
SVOCs	
Benzo(a)anthracene	3,200
Benzo(a)pyrene	4,100
Benzo(b)fluoranthene	5,700 D
Benzo(k)fluoranthene	2,100
Chrysene	4,300
Dibenzo(a,h)anthracene	1,300
Indeno(1,2,3-cd)pyrene	3,700

SB-14 (6'-8')	5/27/2014
Compound	
SVOCs	
Benzo(a)anthracene	2,700
Benzo(a)pyrene	3,600
Benzo(b)fluoranthene	6,500
Benzo(k)fluoranthene	1,600
Chrysene	4,000
Dibenzo(a,h)anthracene	1,000
Indeno(1,2,3-cd)pyrene	3,100

SB-6 (1'-3')	5/27/2014
Compound	
SVOCs	
Benzo(a)anthracene	7,400 D
Benzo(a)pyrene	12,000 D
Benzo(b)fluoranthene	18,000 D
Benzo(k)fluoranthene	9,500 D
Chrysene	13,000 D
Dibenzo(a,h)anthracene	2,300 D
Indeno(1,2,3-cd)pyrene	11,000 D

SB-15 (0'-4')	5/27/2014
Compound	
SVOCs	
Benzo(a)anthracene	2,400
Benzo(a)pyrene	3,300
Benzo(b)fluoranthene	5,800
Benzo(k)fluoranthene	1,700
Chrysene	3,400
Dibenzo(a,h)anthracene	1,000
Indeno(1,2,3-cd)pyrene	3,000

SDP-4	5/20/2014
Compound	
SVOCs	
Benzo(a)anthracene	1,100
Benzo(a)pyrene	1,200
Benzo(b)fluoranthene	1,700
Chrysene	1,300
Indeno(1,2,3-cd)pyrene	970

SB-12 (0'-3.5')	5/23/2014
Compound	
SVOCs	
Benzo(a)anthracene	1,100
Benzo(a)pyrene	1,400
Benzo(b)fluoranthene	2,500
Chrysene	1,500
Dibenzo(a,h)anthracene	400
Indeno(1,2,3-cd)pyrene	1,100

SB-10 (0'-1.5')	5/27/2014
Compound	
SVOCs	
Benzo(a)anthracene	2,400
Benzo(a)pyrene	2,000
Benzo(b)fluoranthene	2,700
Benzo(k)fluoranthene	1,300
Chrysene	2,500
Dibenzo(a,h)anthracene	440
Indeno(1,2,3-cd)pyrene	1,200

LEGEND

- SB — SOIL BORING
- SDP — SOIL DEBRIS PILE SAMPLE
- S — PRE-EXISTING 24" CMP SUMP
- TW — TEMPORARY GROUNDWATER MONITORING WELL
- P — PRE-EXISTING GROUNDWATER MONITORING WELL

J = The associated numerical value is an estimate quantity.

D = Sample Diluted

= Concentration exceeds corresponding NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

= Concentration exceeds both the NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective.

= Concentration exceeds both the NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health-Industrial Soil Cleanup Objective.

= Concentration exceeds the NYCRR Part 375 Unrestricted Use Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health-Industrial Soil Cleanup Objective.

APPROXIMATE PROPERTY LINE

NOTE: Concentrations for detected compounds given in µg/kg.

40 0 40 80
SCALE: 1" = 80'

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PETER WINKELMAN SITE
SYRACUSE, NY

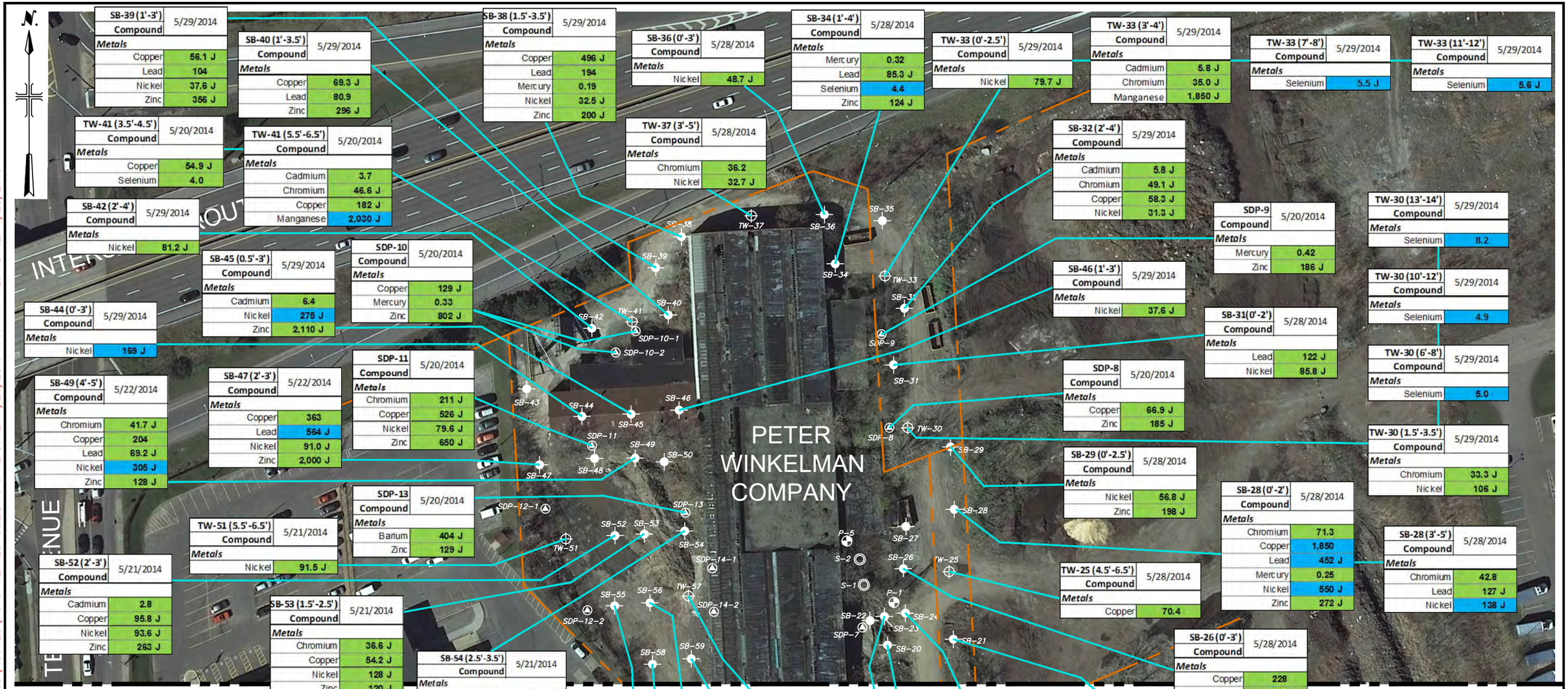
REMEDIAL INVESTIGATION

SUMMARY OF SVOC ANALYTICAL RESULTS (SOUTH AREA OF SITE): SOIL

ARCADIS

FIGURE 7B

USER: HAUSMANN FILENAME: G:\ACAD\PROJ\00266421.0000\FIGURES\FIG 7-SVOCS-SOIL.DWG SAVE DATE: 1/13/2015 2:31 PM PLOT DATE: 1/13/2015 2:31 PM



LEGEND

- SB — SOIL BORING
- SDP — SOIL DEBRIS PILE SAMPLE
- S — PRE-EXISTING 24" CMP SUMP
- TW — TEMPORARY GROUNDWATER MONITORING WELL
- P — PRE-EXISTING GROUNDWATER MONITORING WELL

J = The associated numerical value is an estimate quantity.

D = Sample Diluted

= Concentration exceeds both the NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health-Industrial Soil Cleanup Objective.

= Concentration exceeds corresponding NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

= Concentration exceeds the NYCRR Part 375 Unrestricted Use Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health-Industrial Soil Cleanup Objective.

APPROXIMATE PROPERTY LINE

NOTE: Concentrations for detected compounds given in mg/kg.

MATCH LINE FIGURE 8B

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PETER WINKELMAN SITE
SYRACUSE, NY

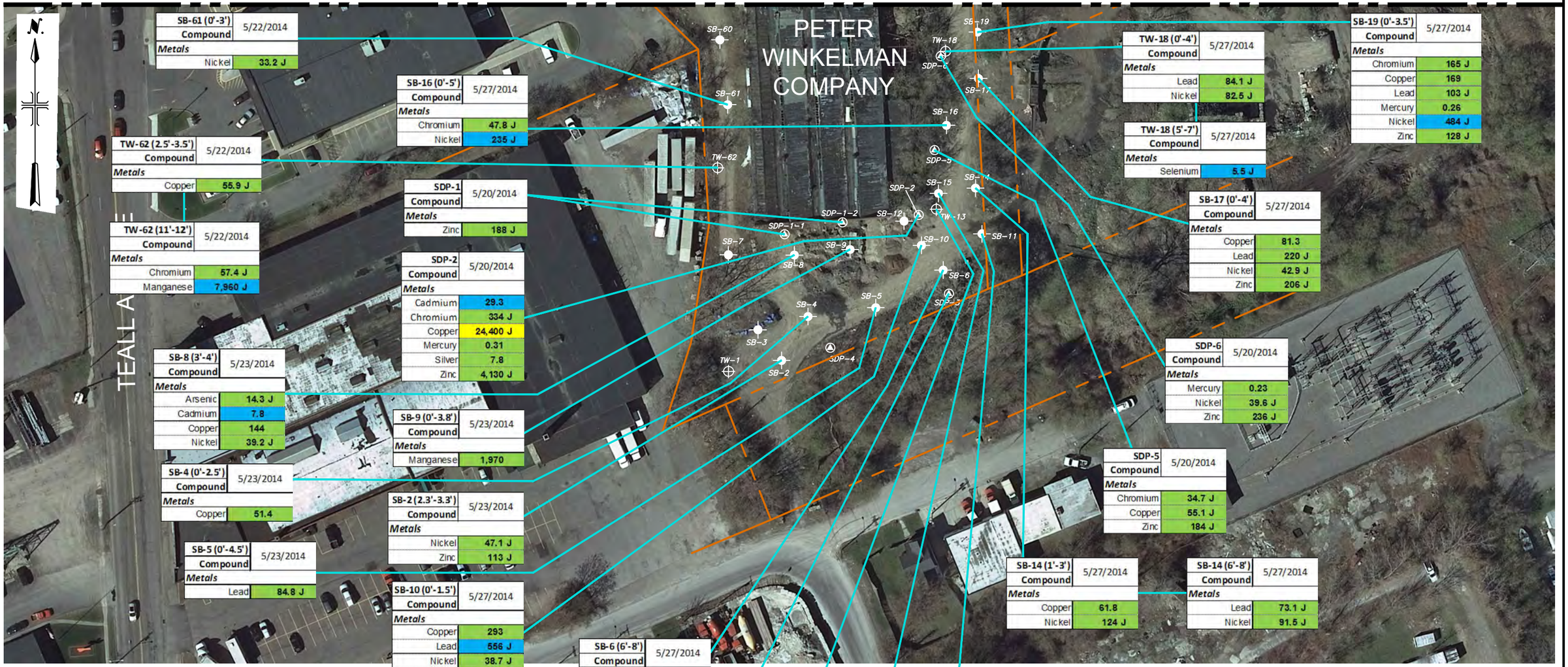
REMEDIAL INVESTIGATION

SUMMARY OF METALS ANALYTICAL RESULTS (NORTH AREA OF SITE): SOIL

ARCADIS

FIGURE 8A

USER: HAUSMANN FILENAME: G:\ACAD\PROJ\00266421.0000\FIGURES\FIG 8-METALS-SOIL.DWG SAVE DATE: 1/20/2015 1:10 PM PLOT DATE: 1/20/2015 1:11 PM



SB-61 (0'-3')	5/22/2014
Compound	
Metals	
Nickel	33.2 J

TW-62 (2.5'-3.5')	5/22/2014
Compound	
Metals	
Copper	55.9 J

TW-62 (11'-12')	5/22/2014
Compound	
Metals	
Chromium	57.4 J
Manganese	7,960 J

SB-8 (3'-4')	5/23/2014
Compound	
Metals	
Arsenic	14.3 J
Cadmium	7.8
Copper	144
Nickel	39.2 J

SB-4 (0'-2.5')	5/23/2014
Compound	
Metals	
Copper	51.4

SB-5 (0'-4.5')	5/23/2014
Compound	
Metals	
Lead	84.8 J

SB-16 (0'-5')	5/27/2014
Compound	
Metals	
Chromium	47.8 J
Nickel	235 J

SDP-1	5/20/2014
Compound	
Metals	
Zinc	188 J

SDP-2	5/20/2014
Compound	
Metals	
Cadmium	29.3
Chromium	334 J
Copper	24,400 J
Mercury	0.31
Silver	7.8
Zinc	4,130 J

SB-9 (0'-3.8')	5/23/2014
Compound	
Metals	
Manganese	1,970

SB-2 (2.3'-3.3')	5/23/2014
Compound	
Metals	
Nickel	47.1 J
Zinc	113 J

SB-10 (0'-1.5')	5/27/2014
Compound	
Metals	
Copper	293
Lead	556 J
Nickel	38.7 J
Zinc	142 J

SB-6 (6'-8')	5/27/2014
Compound	
Metals	
Copper	218
Zinc	161 J

SDP-3	5/20/2014
Compound	
Metals	
Mercury	0.28
Zinc	170 J

TW-13 (10'-12')	5/27/2014
Compound	
Metals	
Nickel	59.0 J
Selenium	5.3 J
Zinc	122 J

SB-15 (5'-7')	5/27/2014
Compound	
Metals	
Zinc	113 J

SB-11 (1'-3')	5/27/2014
Compound	
Metals	
Nickel	45.4 J

TW-18 (0'-4')	5/27/2014
Compound	
Metals	
Lead	84.1 J
Nickel	82.5 J

TW-18 (5'-7')	5/27/2014
Compound	
Metals	
Selenium	5.5 J

SB-19 (0'-3.5')	5/27/2014
Compound	
Metals	
Chromium	165 J
Copper	169
Lead	103 J
Mercury	0.26
Nickel	484 J
Zinc	128 J

SB-17 (0'-4')	5/27/2014
Compound	
Metals	
Copper	81.3
Lead	220 J
Nickel	42.9 J
Zinc	206 J

SDP-6	5/20/2014
Compound	
Metals	
Mercury	0.23
Nickel	39.6 J
Zinc	236 J

SDP-5	5/20/2014
Compound	
Metals	
Chromium	34.7 J
Copper	55.1 J
Zinc	184 J

SB-14 (1'-3')	5/27/2014
Compound	
Metals	
Copper	61.8
Nickel	124 J

SB-14 (6'-8')	5/27/2014
Compound	
Metals	
Lead	73.1 J
Nickel	91.5 J

LEGEND

- SB — SOIL BORING
- SDP — SOIL DEBRIS PILE SAMPLE
- S — PRE-EXISTING 24" CMP SUMP
- TW — TEMPORARY GROUNDWATER MONITORING WELL
- P — PRE-EXISTING GROUNDWATER MONITORING WELL

J = The associated numerical value is an estimate quantity.

D = Sample Diluted

= Concentration exceeds both the NYCRR Part 375 Unrestricted Use Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health-Industrial Soil Cleanup Objective.

= Concentration exceeds corresponding NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.

= Concentration exceeds the NYCRR Part 375 Unrestricted Use Soil Cleanup Objective, 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective and 6 NYCRR Part 375 Protection of Public Health-Industrial Soil Cleanup Objective.

APPROXIMATE PROPERTY LINE

NOTE: Concentrations for detected compounds given in mg/kg.

40 0 40 80
SCALE: 1" = 80'

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PETER WINKELMAN SITE
SYRACUSE, NY

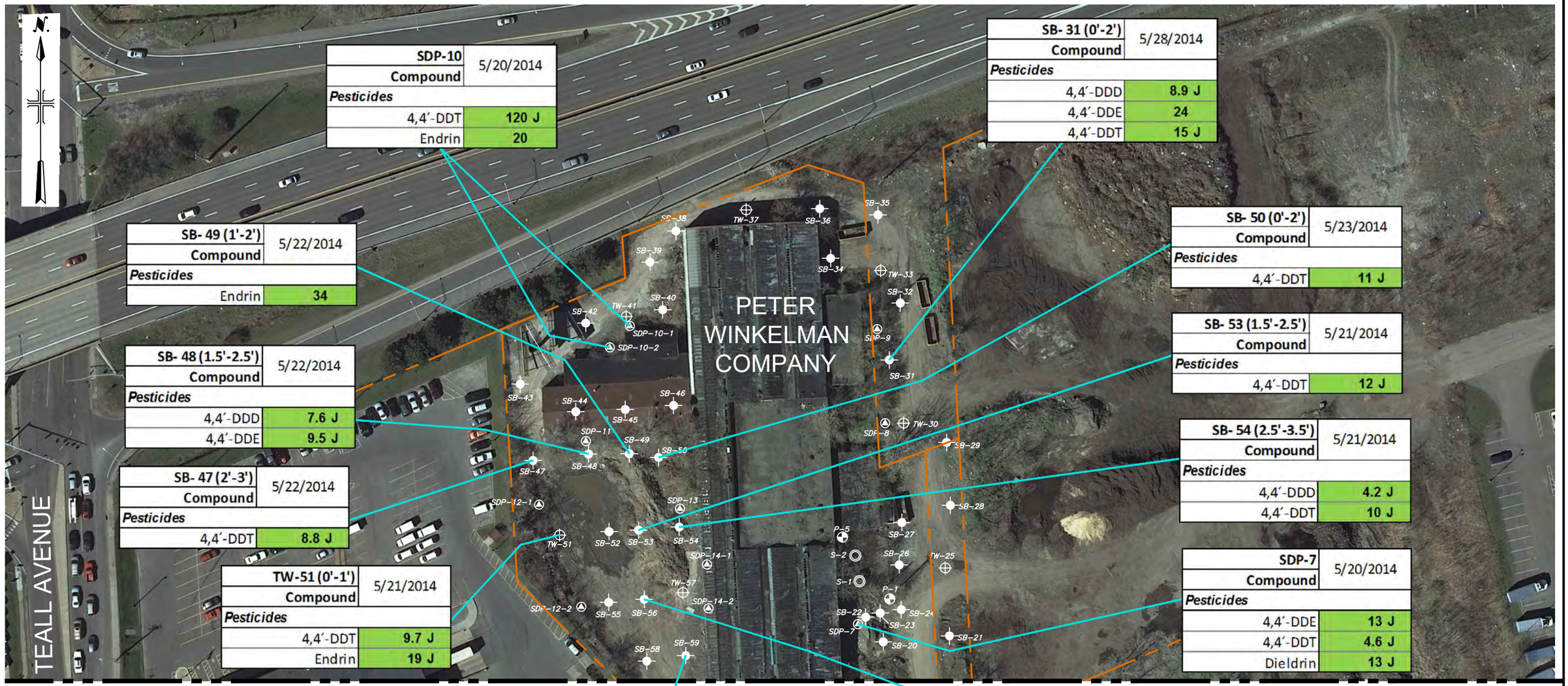
REMEDIAL INVESTIGATION

SUMMARY OF METALS ANALYTICAL RESULTS (SOUTH AREA OF SITE): SOIL

ARCADIS

FIGURE **8B**

USER: HAUSMANN FILENAME: G:\ACAD\PROJ\00266421.0000\FIGURES\FIG 8-METALS-SOILDWG SAVE DATE: 1/13/2015 2:25 PM PLOT DATE: 1/13/2015 2:35 PM



LEGEND

- SB — SOIL BORING
- SDP — SOIL DEBRIS PILE SAMPLE
- S — PRE-EXISTING 24" CMP SUMP
- TW — TEMPORARY GROUNDWATER MONITORING WELL
- P — PRE-EXISTING GROUNDWATER MONITORING WELL
- = Concentration exceeds corresponding NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.
- J = The associated numerical value is an estimate quantity.
- NJ = The compound analyte was tentatively identified with an estimated concentration.
- D = Sample Diluted
- APPROXIMATE PROPERTY LINE

NOTE: Concentrations for detected compounds given in µg/kg.

MATCH LINE FIGURE 9B

40 0 40 80
SCALE: 1" = 80'

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PETER WINKELMAN SITE
SYRACUSE, NY
REMEDIAL INVESTIGATION

SUMMARY OF PESTICIDES & PCBs ANALYTICAL RESULTS (NORTH AREA OF SITE): SOIL

ARCADIS

FIGURE 9A

USER: HAUSMANN FILENAME: G:\ACAD\PROJ\00266421.0000\FIGURES\FIG 9-PESTICIDES-SOIL.DWG SAVE DATE: 1/13/2015 2:36 PM PLOT DATE: 1/13/2015 2:36 PM

MATCH LINE FIGURE 9A



LEGEND

- SB — SOIL BORING
- SDP — SOIL DEBRIS PILE SAMPLE
- S — PRE-EXISTING 24" CMP SUMP
- TW — TEMPORARY GROUNDWATER MONITORING WELL
- P — PRE-EXISTING GROUNDWATER MONITORING WELL
- = Concentration exceeds corresponding NYCRR Part 375 Unrestricted Use Soil Cleanup Objective.
- J = The associated numerical value is an estimate quantity.
- NJ = The compound analyte was tentatively identified with an estimated concentration.
- D = Sample Diluted
- APPROXIMATE PROPERTY LINE

NOTE: Concentrations for detected compounds given in µg/kg.

40 0 40 80
SCALE: 1" = 80'

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PETER WINKELMAN SITE
SYRACUSE, NY
REMEDIAL INVESTIGATION

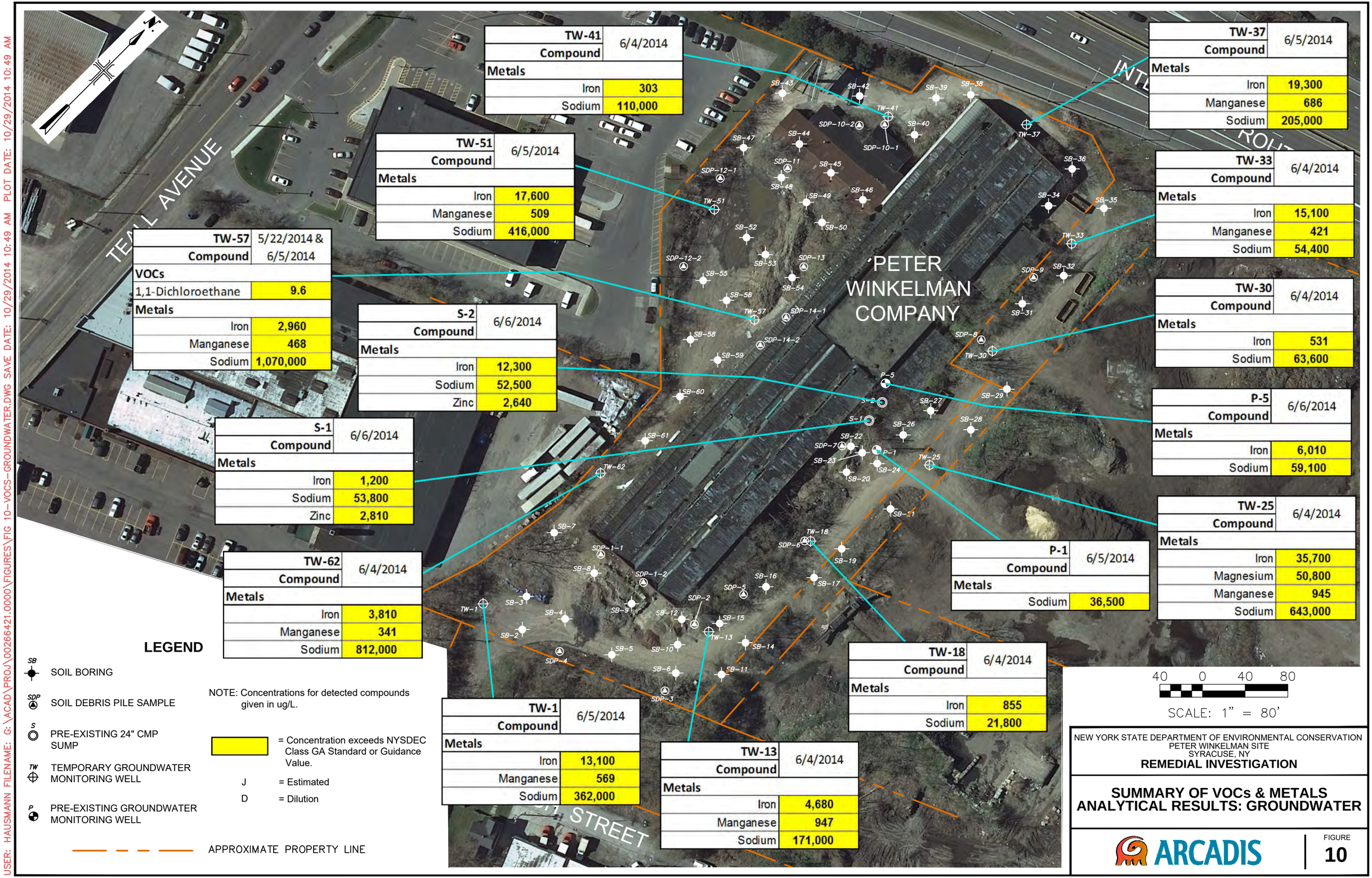
SUMMARY OF PESTICIDES & PCBs ANALYTICAL RESULTS (SOUTH AREA OF SITE): SOIL

ARCADIS

FIGURE **9B**

USER: HAUSMANN FILENAME: G:\ACAD\PROJ\00266421.0000\FIGURES\FIG 9-PESTICIDES-SOIL.DWG SAVE DATE: 1/13/2015 2:36 PM PLOT DATE: 1/13/2015 2:37 PM

USER: HAUSMANN FILENAME: G:\ACAD\PROJ\00266421.0000\FIGURES\FIG 10-VOCS-GROUNDWATER.DWG SAVE DATE: 10/29/2014 10:49 AM PLOT DATE: 10/29/2014 10:49 AM



TW-41	6/4/2014
Compound	
Metals	
Iron	303
Sodium	110,000

TW-51	6/5/2014
Compound	
Metals	
Iron	17,600
Manganese	509
Sodium	416,000

TW-57	5/22/2014 & 6/5/2014
Compound	
VOCs	
1,1-Dichloroethane	9.6
Metals	
Iron	2,960
Manganese	468
Sodium	1,070,000

S-2	6/6/2014
Compound	
Metals	
Iron	12,300
Sodium	52,500
Zinc	2,640

S-1	6/6/2014
Compound	
Metals	
Iron	1,200
Sodium	53,800
Zinc	2,810

TW-62	6/4/2014
Compound	
Metals	
Iron	3,810
Manganese	341
Sodium	812,000

TW-37	6/5/2014
Compound	
Metals	
Iron	19,300
Manganese	686
Sodium	205,000

TW-33	6/4/2014
Compound	
Metals	
Iron	15,100
Manganese	421
Sodium	54,400

TW-30	6/4/2014
Compound	
Metals	
Iron	531
Sodium	63,600

P-5	6/6/2014
Compound	
Metals	
Iron	6,010
Sodium	59,100

TW-25	6/4/2014
Compound	
Metals	
Iron	35,700
Magnesium	50,800
Manganese	945
Sodium	643,000

P-1	6/5/2014
Compound	
Metals	
Sodium	36,500

TW-18	6/4/2014
Compound	
Metals	
Iron	855
Sodium	21,800

TW-1	6/5/2014
Compound	
Metals	
Iron	13,100
Manganese	569
Sodium	362,000

TW-13	6/4/2014
Compound	
Metals	
Iron	4,680
Manganese	947
Sodium	171,000

LEGEND

- SB — SOIL BORING
- SDP — SOIL DEBRIS PILE SAMPLE
- S — PRE-EXISTING 24" CMP SUMP
- TW — TEMPORARY GROUNDWATER MONITORING WELL
- P — PRE-EXISTING GROUNDWATER MONITORING WELL
- APPROXIMATE PROPERTY LINE

NOTE: Concentrations for detected compounds given in ug/L.

= Concentration exceeds NYSDEC Class GA Standard or Guidance Value.

J = Estimated

D = Dilution

40 0 40 80

SCALE: 1" = 80'

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PETER WINKELMAN SITE
SYRACUSE, NY
REMEDIAL INVESTIGATION

SUMMARY OF VOCs & METALS ANALYTICAL RESULTS: GROUNDWATER

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FIGURE 10

ARCADIS Design & Consultancy for natural and built assets

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SITE CLOSEOUT REPORT – PETER WINKELMAN COMPANY OU-1/OU-1A

Syracuse, Onondaga County, New York

NYSDEC Site Number: 734047

August 2016

,

SITE CLOSEOUT REPORT

Peter Winkelman Company OU-1/OU-1A, Syracuse, Onondaga County, New York

NYSDEC Site # 734047

Andrew R. Vitolins, PG

Associate Vice President

Jeremy Wyckoff

Project Geologist

Prepared for:

NYSDEC

625 Broadway

Albany, NY 12233

Prepared by:

Arcadis CE, Inc.

855 Route 146

Suite 210

Clifton Park

New York 12065

Tel 518 250 7300

Fax 518 250 7301

Our Ref.:

00266399.0000

Date:

August 2016

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Table 6. Summary of Wipe Sampling Results - PCBs

FIGURES

Figure 1. Site Location

Figure 2. Site Map

Figure 3. Site Features and Sampling Locations

APPENDICES

Appendix A – Analytical Data

ACRONYMS AND ABBREVIATIONS

ACM	Asbestos Containing Material
IRM	Interim Remedial Measure
NYSDEC	New York State Department of Environmental Conservation
OU	Operable Unit
PCB	Polychlorinated biphenyl
RAO	Remedial action objective
ROD	Record of decision
SCG	Screening, criteria, and guidance
SVOC	Semi-volatile organic compound
USEPA	U.S. Environmental Protection Agency
VOC	Volatile organic compound

1 INTRODUCTION

On behalf of the New York State Department of Environmental Conservation (NYSDEC), Arcadis CE, Inc. (Arcadis) has prepared this Site Closeout Report to summarize previous investigation and cleanup activities and document remedial system decommissioning activities performed at the Peter Winkelman Company, Inc. site Operable Unit – 1 (OU-1) and OU-1A, in the City of Syracuse, Onondaga County, New York (site) (Figure 1).

2 SITE DESCRIPTION AND HISTORY.

The site is located in the County of Onondaga, New York and is identified as a portion of the Onondaga County Tax Map # 32.01, Parcel 26. The Peter Winkelman site property is an approximately four acre area bounded by Interstate 690 to the north, Erie Boulevard to the south, the City of Syracuse composting operation and Greenway Avenue to the east, and the Post Office and Teal Avenue to the west (Figure 2). An abandoned 55,000 square foot former industrial building is the primary feature at the site.

The site formerly consisted of industrial businesses including the Globe Malleable Iron and Steel Company in 1910, a machine shop in 1951 through at least 1953, and a sheet metal and machine shop from 1964 through at least 1971. Until 1991, Peter Winkelman Company, Inc., a construction company, owned the site and other businesses existed at buildings on site not being used by the construction company (ARCADIS, 2015).

A power outage caused an electrical surge and one or more of the three transformer at the site malfunctioned. An unknown quantity of transformer oil containing PCBs was subsequently released from the transformer(s). In 1998, remedial measures were taken to remove PCB contamination from groundwater within OU-1 area of the site. Concurrently, an Interim Remedial Measure (IRM) (OU-1A) was initiated to clean up the site. The entire area was cleared of vegetation. Transformers, fencing, and a concrete pad were removed, and contaminated soil was removed and backfilled with clean soil (NYSDEC, 2013). A skimmer-type oil recovery remediation system was installed for recovery of transformer oil from groundwater. A summary of the site history is presented below.

- In 1999, a remedial investigation was conducted. This investigation involved the installation of piezometers and the sampling of groundwater. Groundwater analytical results showed low-level localized polychlorinated biphenyl (PCB) contamination.
- On March 31, 2000 a no further action Record of Decision (ROD) was signed.
- In 2004, a fire occurred at the Peter Winkelman Company facility and damaged the building and OU-1 remediation system.
- In 2006, groundwater samples were collected from the OU-1 piezometers and collection sumps by NYSDEC. PCBs were detected in the samples from piezometer P-1 and collection sump S-1 at concentrations greater than the applicable ambient water quality standards.
- In June 2012, Work Assignment D007618-5 was issued to Arcadis for site management of OU-1.
- In January 2013, Arcadis cleared trees, debris, and fencing from OU-1 to evaluate the existing remedy. Piezometers P-1 and P-5 and skimmer sumps S-1 and S-2 were located, surveyed, and water levels gauged to assess local groundwater flow direction. The collection skimmers were inoperative and not feasible to repair.
- In April 2013, building material samples were collected from the 55,000 ft^2 Peter Winkelman building as part of a pre-demolition survey to identify asbestos containing materials (ACM). ACM were identified in several building materials, including roofing materials, pipe insulation, window glazing, and paint (Watts, 2013).

- In October 2013, Work Assignment D007618-26 was issued to Arcadis for Site Characterization (SC) of the Peter Winkelman Company property. The SC focused on the areas of the site outside of the OU-1 footprint.
- Site Characterization activities were initiated by Arcadis in May 2014, including soil debris pile sampling, drilling, sub-surface soil sample collection, temporary monitoring well installation and groundwater sampling.
- In June and August 2014, groundwater samples were collected by Arcadis from OU-1 piezometers P-1 and P-2 and collection sumps S-1 and S-2. No PCBs were detected in any of the samples.
- The results of the Peter Winkelman Company property SC were submitted by Arcadis to NYSDEC in January 2015. The SC concluded that soil containing semi-volatile organic compounds (SVOCs), pesticides, and metals at concentrations exceeding NYSDEC soil cleanup objectives (SCOs) is present throughout the area of the site, and soil impacted with volatile organic compounds (VOCs) and PCBs is present in small isolated sections within the vicinity of the site. Groundwater containing metals at concentrations greater than NYSDEC Class GA standards is present throughout the site, but are generally not believed to be from site related activities. VOC impacts to groundwater are isolated to one compound (1,1-dichloroethane) at one sample location on the western side of the site building. None of the groundwater samples collected contained detectable concentrations of SVOCs, pesticides or PCBs (Arcadis, 2015).
- Between June and July 2015, the treatment system collection sumps were sampled for PCB contamination, removed, and properly disposed in accordance with U.S. Environmental Protection Agency (USEPA) guidance for disposal of PCB-impacted materials (USEPA 2014). Piezometers PZ-1 and PZ-2 were removed abandoned in accordance with NYSDEC CP-43: Groundwater Monitoring Well Decommissioning Policy (NYSDEC 2009).

3 SUMMARY OF REMEDIAL ACTIVITIES

3.1 Remedial Action Objectives

The following Remedial Action Objectives (RAOs) were identified in the March 31, 2000 ROD.

3.1.1 Groundwater RAOs

RAOs for Public Health Protection

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

RAOs for Environmental Protection

- Restore ground water aquifer, to the extent practicable, to pre-disposal/pre-release conditions.
- Prevent the discharge of contaminants to surface water.
- Remove the source of ground or surface water contamination.

3.1.2 Soil RAOs

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.

RAOs for Environmental Protection

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

3.2 Description of the Selected Remedy

The site was remediated in accordance with the remedy selected by the NYSDEC in the ROD dated March 31, 2000. The factors considered during the selection of the remedy are those listed in 6NYCRR 375-1.8. Between the summer of 1998 and March of 2000, IRMs were initiated (by others) to remove the PCB contamination from the groundwater and soil (see next section for details) at OU-1/OU-1A. Following the implementation of the IRMs and subsequent monitoring for PCBs, a ROD was signed in 2000 with the decision for no further remedial action. The ROD concluded that the potential for human exposure to site related contaminants of concern has been eliminated (NYSDEC 2012).

4 INTERIM REMEDIAL MEASURES AND OPERABLE UNITS

4.1 Interim Remedial Measures

The following tasks were performed (by others) as part of the 1998 through 2000 OU-1/OU-1A remedial activities:

- OU-1A (summer 1998): An IRM was implemented which involved clearing of vegetation, removal of transformers and fence, pulling up the large concrete transformer pad, and proper disposal of all materials removed. Contaminated soil was excavated, up to the adjacent building, to approximately four feet below grade and backfilled with clean material.
- OU-1 (spring/summer 1998): Piezometers were installed along with a groundwater treatment system (See Figure 3). The groundwater treatment consisted of a skimmer to extract the PCB contamination from groundwater. No records for operation and maintenance (O&M) or monitoring of the remediation system were available for review. However, based on discussion with NYSDEC and observations during a 2013 site inspection, the system used a belt-style skimmer to remove light non-aqueous phase liquid (LNAPL) from two 24" diameter sumps (S-1 and S-2). The sumps were slotted to allow infiltration of groundwater and installed approximately two feet below the water table.
- The groundwater treatment system was functioning until a fire at the site in 2004 disabled the operation. In June 2015, the sumps that were damaged in the fire were sampled for PCB contamination, removed, and properly disposed in accordance with USEPA guidance (USEPA 2014).

4.2 Operable Units

OU-1/OU-1A is the area that was known to have the PCB oil leak as a result of a malfunctioning transformer while the property was owned by Peter Winkelman. OU-1A represents the surficial impacted area, including the soil. OU-1 encompasses the limited groundwater impacts from the PCB oil beneath the surface.

The NYSDEC concluded that the OU-1/OU-1A area was remediated through the soil IRM and the operation of the groundwater treatment system. As a result, the 2000 ROD indicated no further remedial action was required for this area on the property.

4.3 Contaminated Materials Removal

4.3.1 Historical Activities

The soil at OU-1/OU-1A were found to contain PCBs resulting from the transformer leak that took place. An IRM was conducted (by others) to remove PCB-impacted soil in this 0.05-acre area to a depth of four feet below grade, after which the excavation was backfilled with clean material and regraded. The excavated soils were disposed at an approved disposal facility (by others).

The groundwater contamination was addressed using a groundwater treatment system with a skimmer to extract the PCB oil from the water (constructed and operated by others). In 2004, a fire at the facility disabled the groundwater treatment system. PCBs were not detected in groundwater samples collected in August 2014 (See Tables 1 through 5 for 2014 groundwater sampling results). Accordingly, the sumps and wells associated with this treatment system were removed by Arcadis in 2015. Wipe samples (Table 6) were collected from the removed materials to assess disposal options and to properly manage the waste removed as part of this task.

4.4 Remedial Performance/Documentation Sampling

The final groundwater end-point sampling results are included in Tables 1 through 5. Table 6 presents the laboratory results from the wipe sampling performed during the removal of the sump wells for the groundwater treatment system.

The groundwater results showed no detections of PCBs in groundwater in 2014. The wipe sample results showed low concentrations of the PCB Aroclor-1260. However, in accordance with USEPA guidance, specialized disposal of the well and sump materials was not required since the concentrations were less than 100 µg/100 cm^2. Wipe sample analytical data are provided in Appendix A.

Figure 3 shows the OU-1/OU-1A area and the sampling points, including the two sumps that were removed in 2015.

4.5 Contamination Remaining at the Site

The 2014 groundwater sampling results showed that PCBs are not present in the groundwater.

4.6 Soil Cover System

There is no soil cover system at the site.

4.7 Other Engineering Controls

The remedy for the site did not require the use of engineering control systems.

4.8 Institutional Controls

No environmental easements, notices, or deed restrictions were filed as part of the site remedy.

5 REFERENCES

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TABLES

TABLE 1
SUMMARY OF GROUNDWATER ELEVATIONS
SITE CLOSEOUT REPORT
PETER WINKELMAN COMPANY, INC. OU-1/OU-1A
SYRACUSE, NY

Well	Measuring Point Elevation (ft. AMSL)	Ground Elevation (ft. AMSL)	6/4/2014		6/6/2014		8/19/2014	
			DTW (feet)	Elevation (feet)	DTW (feet)	Elevation (feet)	DTW (feet)	Elevation (feet)
P-1	415.37	--	--	--	3.89	411.48	3.74	411.63
P-5	415.35	--	4.82	410.53	4.80	410.55	5.38	409.97
S-1	417.50	--	5.80	411.6977	5.97	411.53	5.86	411.6377
S-2	417.40	--	5.93	411.4693	5.85	411.55	5.72	411.6793

Elevations based on NAVD 88 datum.
-- Parameter Unknown

TABLE 2
SUMMARY OF GROUNDWATER SAMPLING RESULTS-DETECTED VOCs
SITE CLOSEOUT REPORT
PETER WINKELMAN COMPANY, INC. OU-1/OU-1A
SYRACUSE, NEW YORK

Sample ID	NYSDEC Class GA Standard or Guidance Value	P-1	P-1	P-5	P-5	S-1	S-1	DUPLICATE 8/19/14 (S-1)	S-2	S-2
Sampling Date		6/5/2014	8/19/2014	6/6/2014	8/19/2014	6/6/2014	8/19/2014	8/19/2014	6/6/2014	8/19/2014
Matrix		WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
VOCs										
1,1,1-Trichloroethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	5	5.0 U	5.0 U	**1.0 J**	**1.0 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	5	5.0 U	5.0 U	**1.3 J**	**1.4 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	5	5.0 U	5.0 U	5.0 U	**0.79 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl chloride	2	5.0 U	5.0 U	**1.1 J**	**0.91 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

Notes:
 - Concentration exceeds corresponding NYSDEC Class GA Standard.

U - The compound was not detected at the indicated concentration.
J - Estimated value.
-- Not applicable
DUPLICATE 8/19/14 collected at S-1

TABLE 3
SUMMARY OF GROUNDWATER SAMPLING RESULTS-SVOCs
SITE CLOSEOUT REPORT
PETER WINKELMAN COMPANY, INC. OU-1/OU-1A
SYRACUSE, NEW YORK

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard or Guidance Value µg/L	P-1 6/5/2014 WATER µg/L	P-5 6/6/2014 WATER µg/L	S-1 6/6/2014 WATER µg/L	S-2 6/6/2014 WATER µg/L
SVOCs					
1,2,4-Trichlorobenzene	5	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	3	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	3	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	3	10 U	10 U	10 U	10 U
2,2´-oxybis(1-Chloropropane)	--	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	1**	20 U	20 U	20 U	20 U
2,4,6-Trichlorophenol	1**	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	1**	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	1**	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	10*	20 U	20 U	20 U	20 U
2,4-Dinitrotoluene	5	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	5	10 U	10 U	10 U	10 U
2-Chloronaphthalene	10*	10 U	10 U	10 U	10 U
2-Chlorophenol	1**	10 U	10 U	10 U	10 U
2-Methylnaphthalene	--	10 U	10 U	10 U	10 U
2-Methylphenol	1	10 U	10 U	10 U	10 U
2-Nitroaniline	5	20 U	20 U	20 U	20 U
2-Nitrophenol	1**	10 U	10 U	10 U	10 U
3,3´-Dichlorobenzidine	1**	10 U	10 U	10 U	10 U
3-Nitroaniline	5	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	1**	20 U	20 U	20 U	20 U
4-Bromophenyl-phenylether	--	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	1**	10 U	10 U	10 U	10 U
4-Chloroaniline	5	10 U	10 U	10 U	10 U
4-Chlorophenyl-phenylether	--	10 U	10 U	10 U	10 U
4-Methylphenol	1**	10 U	10 U	10 U	10 U
4-Nitroaniline	5	20 U	20 U	20 U	20 U
4-Nitrophenol	1**	20 U	20 U	20 U	20 U
Acenaphthene	20	10 U	10 U	10 U	10 U
Acenaphthylene	--	10 U	10 U	10 U	10 U
Anthracene	50*	10 U	10 U	10 U	10 U

Notes:
- Concentration exceeds corresponding NYSDEC Class GA Standard.

U - The compound was not detected at the indicated concentration.
B - The compund was also detected in the associated Method Blank.
J - Estimated value.
* Guidance Value
** Applies to the sum of these compounds
-- Not applicable
DUPLICATE 8/19/14 collected at S-1

TABLE 3
SUMMARY OF GROUNDWATER SAMPLING RESULTS-SVOCs
SITE CLOSEOUT REPORT
PETER WINKELMAN COMPANY, INC. OU-1/OU-1A
SYRACUSE, NEW YORK

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard or Guidance Value µg/L	P-1 6/5/2014 WATER µg/L	P-5 6/6/2014 WATER µg/L	S-1 6/6/2014 WATER µg/L	S-2 6/6/2014 WATER µg/L
SVOCs					
Benzo(a)anthracene	0.002*	10 U	10 U	10 U	10 U
Benzo(a)pyrene	ND	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	0.002*	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	--	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	0.002*	10 U	10 U	10 U	10 U
Bis(2-chloroethoxy)methane	5	10 U	10 U	10 U	10 U
Bis(2-chloroethyl)ether	1	10 U	10 U	10 U	10 U
Bis(2-ethylhexyl)phthalate	5	10 U	10 U	10 U	10 U
Butylbenzylphthalate	--	10 U	10 U	10 U	10 U
Carbazole	--	10 U	10 U	10 U	10 U
Chrysene	0.002*	10 U	10 U	10 U	10 U
Di-n-butylphthalate	50	10 U	10 U	10 U	10 U
Di-n-octylphthalate	50*	10 U	10 U	10 U	10 U
Dibenzo(a,h)anthracene	--	10 U	10 U	10 U	10 U
Dibenzofuran	--	10 U	10 U	10 U	10 U
Diethylphthalate	50*	10 U	10 U	10 U	10 U
Dimethylphthalate	50*	10 U	10 U	10 U	10 U
Fluoranthene	50*	10 U	10 U	10 U	10 U
Fluorene	50*	10 U	10 U	10 U	10 U
Hexachlorobenzene	0.04	10 U	10 U	10 U	10 U
Hexachlorobutadiene	0.5	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	5	10 U	10 U	10 U	10 U
Hexachloroethane	5	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	0.002*	10 U	10 U	10 U	10 U
Isophorone	50*	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	--	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	50*	10 U	10 U	10 U	10 U
Naphthalene	10*	10 U	10 U	10 U	10 U
Nitrobenzene	0.4	10 U	10 U	10 U	10 U
Pentachlorophenol	1	20 U	20 U	20 U	20 U
Phenanthrene	50	10 U	10 U	10 U	10 U
Phenol	1	10 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U	10 U

Notes:
- Concentration exceeds corresponding NYSDEC Class GA Standard.

U - The compound was not detected at the indicated concentration.
B - The compund was also detected in the associated Method Blank.
J - Estimated value.
* Guidance Value
** Applies to the sum of these compounds
-- Not applicable
DUPLICATE 8/19/14 collected at S-1

TABLE 4
SUMMARY OF GROUNDWATER SAMPLING RESULTS-DETECTED METALS
SITE CLOSEOUT REPORT
PETER WINKELMAN COMPANY, INC. OU-1/OU-1A
SYRACUSE, NEW YORK

Sample ID Sampling Date Matrix Units	NYSDEC Class GA Standard or Guidance Value µg/L	P-1 6/5/2014 WATER µg/L	P-5 6/6/2014 WATER µg/L	S-1 6/6/2014 WATER µg/L	S-2 6/6/2014 WATER µg/L
TAL METALS (Total)					
Aluminum	2000	66 U	66 U	66 U	66 U
Arsenic	25	4.3 U	4.3 U	**5.0 J**	4.3 U
Barium	1,000	200 U	200 U	200 U	200 U
Cadmium	5	0.89 U	0.89 U	**2.7 J**	0.89 U
Calcium	--	**126,000**	**168,000**	**116,000**	**125,000**
Chromium	50	0.64 U	0.64 U	0.64 U	0.64 U
Cobalt		0.67 U	0.67 U	50 U	50 U
Copper	200	**9.4 J**	3.6 U	**32.4**	**4.8 J**
Iron	300	31.0 U	**6,010**	**1,200**	**12,300**
Lead	25	4.2 U	4.2 U	4.2 U	4.2 U
Magnesium	35,000*	**12,100**	**12,700**	**10,300**	**11,200**
Manganese	300	**57.1**	**269**	**183**	**279**
Nickel	100	**5.3 J**	**1.2 J**	**8.6 J**	**15.3 J**
Potassium	--	**12,000**	**13,800**	**11,500**	**11,600**
Sodium	20,000	**36,500**	**59,100**	**53,800**	**52,500**
Vanadium	--	1.1 U	1.1 U	1.1 U	1.1 U
Zinc	2,000*	**89.7**	**6.5 J**	**2,810**	**2,640**

Notes:
- Concentration exceeds corresponding NYSDEC Class GA Standard.
U - The compound was not detected at the indicated concentration.
B - The comound was also detected in the associated Method Blank.
*Guidance Value.
-- Not applicable

TABLE 5
SUMMARY OF GROUNDWATER SAMPLING RESULTS-PESTICIDES and PCBs
SITE CLOSEOUT REPORT
PETER WINKELMAN COMPANY, INC. OU-1/OU-1A
SYRACUSE, NEW YORK

Sample ID	NYSDEC Class GA Standard	P-1	P-1	P-5	P-5	S-1	S-1	DUPLICATE 8/19/14 (S-1)	S-2	S-2
Sampling Date		6/5/2014	8/19/2014	6/6/2014	8/19/2014	6/6/2014	8/19/2014	8/19/2014	6/6/2014	8/19/2014
Matrix		WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Pesticides										
4,4´-DDD	0.3	0.10 U	NS	0.10 U	NS	0.10 U	NS	NS	0.10 U	NS
4,4´-DDE	0.2	0.10 U	NS	0.10 U	NS	0.10 U	NS	NS	0.10 U	NS
4,4´-DDT	0.2	0.10 U	NS	0.10 U	NS	0.10 U	NS	NS	0.10 U	NS
Aldrin	ND	0.050 U	NS	0.050 U	NS	0.050 U	NS	NS	0.050 U	NS
alpha-BHC	--	0.050 U	NS	0.050 U	NS	0.050 U	NS	NS	0.050 U	NS
alpha-Chlordane	0.05	0.050 U	NS	0.050 U	NS	0.050 U	NS	NS	0.050 U	NS
beta-BHC	--	0.050 U	NS	0.050 U	NS	0.050 U	NS	NS	0.050 U	NS
delta-BHC	--	0.050 U	NS	0.050 U	NS	0.050 U	NS	NS	0.050 U	NS
Dieldrin	0.004	0.10 U	NS	0.10 U	NS	0.10 U	NS	NS	0.10 U	NS
Endosulfan I	--	0.050 U	NS	0.050 U	NS	0.050 U	NS	NS	0.050 U	NS
Endosulfan II	--	0.10 U	NS	0.10 U	NS	0.10 U	NS	NS	0.10 U	NS
Endosulfan sulfate	--	0.10 U	NS	0.10 U	NS	0.10 U	NS	NS	0.10 U	NS
Endrin	ND	0.10 U	NS	0.10 U	NS	0.10 U	NS	NS	0.10 U	NS
Endrin aldehyde	5	0.10 U	NS	0.10 U	NS	0.10 U	NS	NS	0.10 U	NS
Endrin ketone	5	0.10 U	NS	0.10 U	NS	0.10 U	NS	NS	0.10 U	NS
gamma-BHC (Lindane)	0.05	0.050 U	NS	0.050 U	NS	0.050 U	NS	NS	0.050 U	NS
gamma-Chlordane	0.05	0.050 U	NS	0.050 U	NS	0.050 U	NS	NS	0.050 U	NS
Heptachlor	0.04	0.050 U	NS	0.050 U	NS	0.050 U	NS	NS	0.050 U	NS
Heptachlor epoxide	0.03	0.050 U	NS	0.050 U	NS	0.050 U	NS	NS	0.050 U	NS
Methoxychlor	35	0.50 U	NS	0.50 U	NS	0.50 U	NS	NS	0.50 U	NS
Toxaphene	0.06	5.5 U	NS	5.8 U	NS	5.6 U	NS	NS	5.7 U	NS
PCBs										
Aroclor-1016	0.09*	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U
Aroclor-1221	0.09*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1232	0.09*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1242	0.09*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1248	0.09*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1254	0.09*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260	0.09*	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U
Aroclor-1262	0.09*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1268	0.09*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Notes:

- Concentration exceeds corresponding NYSDEC Class GA Standard.

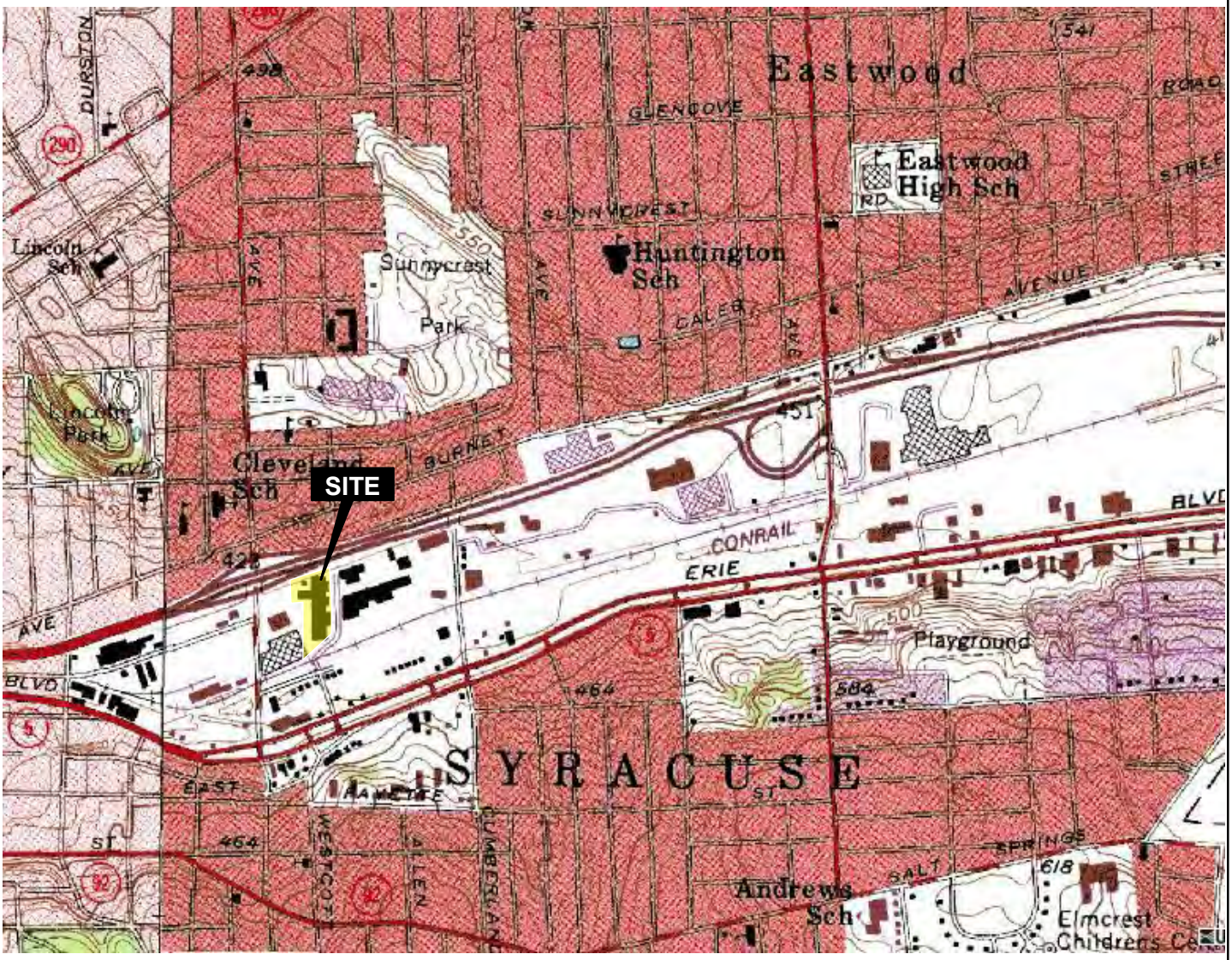
U - The compound was not detected at the indicated concentration.
UJ- The compound was analyzed for, but not detected. The sample quantitation limit is an estimate.
*Appies to the sum of these compounds.
ND - Non-detectable concentration by the approved analytical methods.
-- Not applicable
DUPLICATE 8/19/14 collected at S-1

TABLE 6
SUMMARY OF WIPE SAMPLING RESULTS-PCBs
SITE CLOSEOUT REPORT
PETER WINKELMAN COMPANY, INC. OU-1/OU-1A
SYRACUSE, NEW YORK

Sample ID	Wipe-1A	Wipe-1B	Wipe-1C	Wipe-2A	Wipe-2B	Wipe-2C
Sampling Date	6/4/2015	6/4/2015	6/4/2015	6/4/2015	6/4/2015	6/4/2015
Matrix	Wipe	Wipe	Wipe	Wipe	Wipe	Wipe
Units	µg/Wipe	µg/Wipe	µg/Wipe	µg/Wipe	µg/Wipe	µg/Wipe
PCBs						
Aroclor-1016	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Aroclor-1221	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Aroclor-1232	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Aroclor-1242	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Aroclor-1248	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Aroclor-1254	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Aroclor-1260	**1.3**	**2.2**	**2.1**	**1.1**	**1.5**	**1.5**
Aroclor-1262	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Aroclor-1268	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Notes:
U - The compound was not detected at the indicated concentration. The reporting limit is presented.
Wipe area was conducted using a 100 cm^2 area in accordance with USEPA disposal guidance.

FIGURES



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

PETER WINKELMAN SITE
SYRACUSE, NEW YORK

OU-1/OU-1A FINAL ENGINEERING REPORT

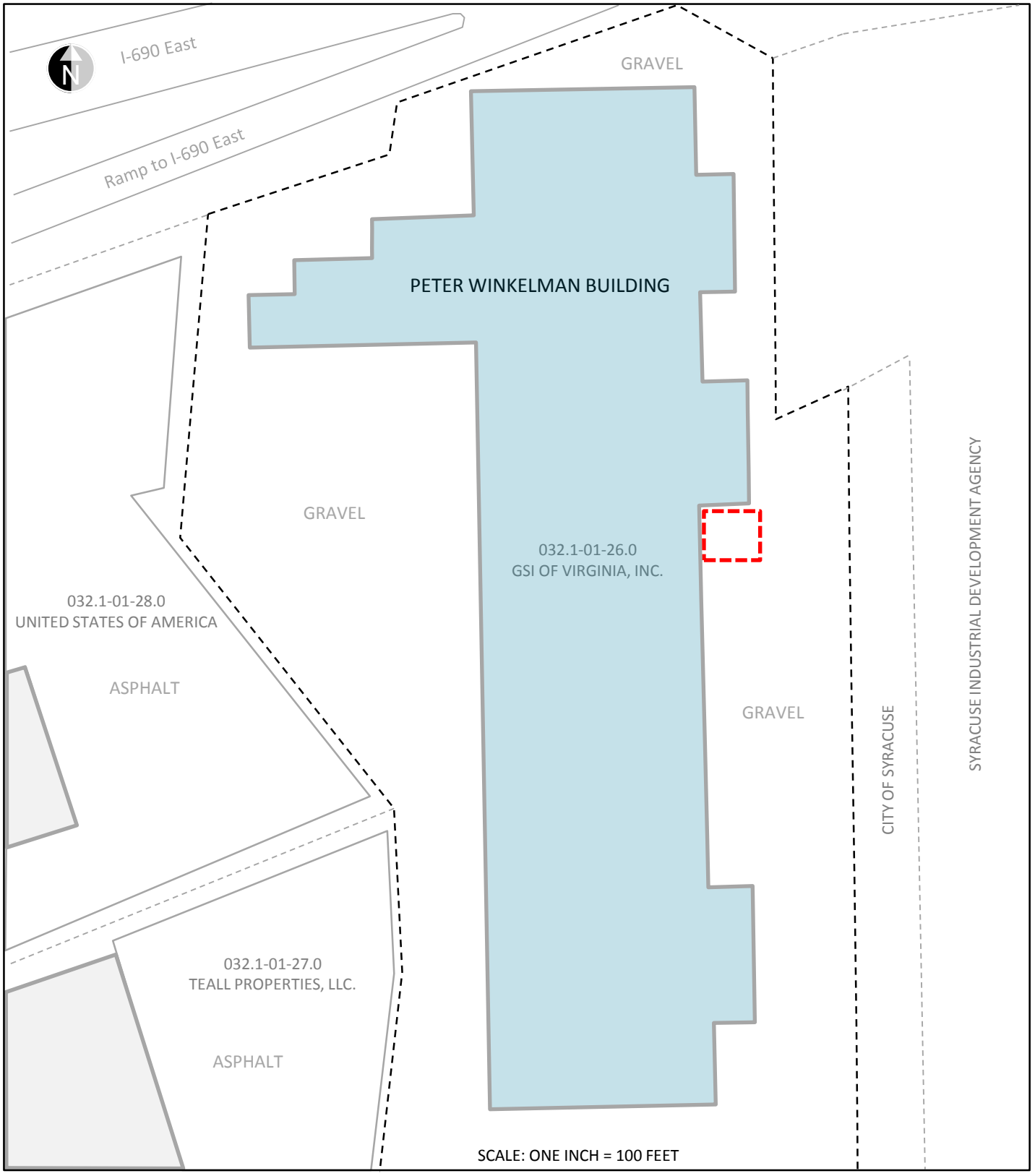
SITE LOCATION

ARCADIS

Figure
1

Document path

Source: USGS 1:24,000 Quadrangle , East Syracuse (1978)



LEGEND

- APPROXIMATE PROPERTY LINE
- BUILDING
- APPROXIMATE PCB RELEASE AREA (OU-1/OU-1A)
- 032.1-01-26.0 GSI OF VIRGINIA, INC. — TAX PARCEL ID/OWNER NAME

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

PETER WINKELMAN SITE
SYRACUSE, NEW YORK

OU-1/OU-1A FINAL ENGINEERING REPORT

SITE MAP

ARCADIS

Figure **2**

USER: HAUSMANN FILENAME: G:\ACAD\PROJ\00266421.0000\FINAL REPORT\FIG 3-SITE FEATURES & SAMPLING.DWG SAVE DATE: 9/9/2015 2:49 PM PLOT DATE: 9/9/2015 2:50 PM



LEGEND

- S — PRE-EXISTING 24" CMP SUMP SAMPLE
- P — PRE-EXISTING GROUNDWATER MONITORING WELL
- APPROXIMATE PROPERTY LINE
- APPROXIMATE BOUNDARY OF OU-1 AREA

40 0 40 80

SCALE: 1" = 80'

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PETER WINKELMAN SITE
SYRACUSE, NY

OU-1/OU-1A FINAL ENGINEERING REPORT

SITE FEATURES AND SAMPLING LOCATIONS

ARCADIS

FIGURE 3

SITE INVESTIGATION REPORT

Former Syracuse Rigging Property

NYSDEC Brownfields Project No. B-00146-7

341 Peat Street
Syracuse, New York

December 2008

Prepared For:

Syracuse Industrial Development Agency
233 East Washington Street
Syracuse, New York 13202

BDA BEARDSLEY DESIGN ASSOCIATES
Architecture, Engineering & Landscape Architecture, P.C.

BDA Project 02850
431 East Fayette Street
Syracuse, New York 13202
Telephone: (315) 472-6980
Fax: (315) 472-3523

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EXHIBITS

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1.0 INTRODUCTION

1.1 Site Location and Description

The former Syracuse Rigging site, also known as City Crossroads Park, is a 7.61-acre lot located at 341 Peat Street and 100 Greenway Avenue in the City of Syracuse (see Figure 1). The subject site is bordered to the north by Interstate 690; to the south by the former SPECTRUM MedSystems Corporation (Spectrum) site and a vacant CSX Transportation Inc. parcel; to the east by Spectrum and J.C. Smith, Inc.; and to the west by the abandoned D.W. Winkelman Company warehouse (see Figure 2).

The western and southern portions of the subject site are currently utilized by the City of Syracuse Department of Public Works (DPW) for mulching and composting vegetative debris, while the eastern portion of the property is vacant. The parcel is generally flat and covered with overgrown brush and vegetation, wood chip and compost piles, concrete slabs, stone, and asphalt. A chain-link fence is located along the northern and northeastern property boundaries.

1.2 Site Background and History

From the 1890s until approximately 1956, the subject property supported heavy industrial operations. From the 1960s to the present, operations at the site primarily consisted of light industrial and commercial operations (see Figure 3). Table 1 summarizes the operations of the various historical occupants of the subject property.

HISTORICAL OPERATIONS AT SUBJECT PROPERTY

Occupant	Approximate Years of Operation	Operations
Archibold Brady Company	1890s-1930s	Structural steel works
Globe Forge and Manufacturing Company (Globe)	1900s-1950s	Drop forge plant producing metal articles in steel, nickel, chromium, and molybdenum alloys utilizing 50 oil-burning furnaces
Finger Lakes Equipment Corporation (Finger Lakes)	1910s-1960s	Equipment repair and sales
General Materials and Wrecking Company (GMW)	1930s-1940s	Building materials contractor
Boland Trucking Inc.	1950s-1960s	Trucking and distribution
Ontario Freight Lines	1960s	Trucking and distribution
Syracuse Paint and Varnish Company (SPV)	1960s-1970s	Paint supplier (assumed)
Syracuse Rigging	1970s-1990s	Rigging contractor
Greenway Transportation	1990s	Trucking and distribution
Legnetto Construction	1990s	General contractor
Syracuse DPW	2000s	Mulching and composting

An Abstract of Title was not provided to Beardsley Design Associates (BDA) or C&H Engineers, P.C. (C&H) during prior historical investigations. The ownership history of the property, therefore, is limited to recent years. According to Scott A. Lickstein, Esq., Greenleafe Development, LLC acquired ownership of the subject property from High Associates, Ltd. in April 1997. Ownership was subsequently conveyed to the Syracuse Industrial Development Agency (SIDA) in 1999.

In 2000, SIDA sectioned-off the access way from Peat Street, an 80-foot wide section of property extending along the northern border of the former SPECTRUM MedSystems Corporation site, and a 0.52 acre parcel (Parcel D) from the original property boundary. The former two sections were apportioned for a site roadway, while the latter section was apportioned for a pending property transfer with J.C. Smith, Inc. located at 345 Peat Street. However, this property transfer did not occur, and SIDA re-apportioned the 0.52-acre Parcel D back into the subject property.

Summary of Environmental History

Previous Environmental Site Assessments, investigations, and remedial activities were performed on the former Syracuse Rigging property as part of a due diligence process related to the transfer of real property. These activities are summarized in the following reports, which were prepared by C&H and BDA on behalf of several parties:

- December 16, 1988 Environmental Assessment Report
- October 23, 1989 Phase II Letter-Report
- July 21, 1993 Phase I Environmental Assessment Report
- January 27, 1994 Pipe Tracing Excavation Letter-Report
- August 8, 1994 Phase II Environmental Assessment Summary Report
- March 6, 1995 Soil Vapor Survey Letter-Report
- February 12, 1999 Phase I Environmental Site Assessment Update Report
- June 3, 1999 Building Demolition Asbestos Survey Report - Former Syracuse Rigging Company Warehouse
- June 3, 1999 Building Demolition Asbestos Survey Report - Former Syracuse Paint & Varnish Building
- June 3, 1999 Lead-Based Paint Survey Report - Former Syracuse Paint & Varnish Building
- September 2, 1999 Limited Subsurface Screening Report
- November 8, 2000 Post-Demolition Limited Subsurface Screening Letter-Report
- October 2000 Limited Subsurface Investigation Report – Parcel D
- January 2001 Soil Excavation – Parcel D
- June 13, 2001 Subsurface Soil Conditions, Utility Installation Project Letter-Report
- January 15, 2002 Soil Pile Sampling Results Memorandum

The assessment and investigation activities summarized in the prior reports included site reconnaissance, radon screening, review of historic and environmental regulatory records, the advancement of exploratory excavations and GeoProbe® (GeoProbe) soil borings, the installation of groundwater monitoring wells, a soil vapor survey, soil and groundwater sample collection and analysis, and asbestos and lead based paint sample collection and analysis (see Figures 4 and 5). Historic remedial activities described in the prior reports included asbestos abatement, underground storage tank (UST) removals, removal of waste materials, and excavation and staging of petroleum contaminated soils. It should be noted that the above-listed reports, except for the

November 8, 2000 Post-Demolition Limited Subsurface Screening Letter-Report, were submitted to NYSDEC and NYSDOH as attachments to SIDA's September 3, 1999 State Financial Assistance application.

The initial investigations at the former Syracuse Rigging property documented potential point sources for contamination at the subject property. Subsequent sampling and analysis identified metals, solvent, and petroleum related compounds that exceeded applicable regulatory standards, and resulted in the assignment of NYSDEC Spill File No. 94-13575 to the site. This file was closed on January 12, 1995 by NYSDEC with an "inactive" status based on the industrial nature of the site and the concentration of petroleum compounds detected in the soils. It was suspected, based on information collected during these investigations, that the release of petroleum products and solvents to the ground was from point sources (i.e., tanks and stored drums). The metal constituents were suspected to be more widespread and are not related to specific point sources. In addition, documented releases of polychlorinated biphenyls (PCBs) occurred on the adjoining Winkelman property. Consequently, PCBs were suspected of having potentially impacted the western portion of the subject property. Laboratory analysis of a soil sample collected from a test pit advanced along the western property border as part of a 1994 Phase II environmental assessment, however, did not indicate the presence of PCBs on the subject property.

The preliminary investigation activities at the site were conducted for SIDA in April 1999 and are summarized in the September 2, 1999 Limited Subsurface Screening Report. The April 1999 Limited Subsurface Screening activities included the advancement of 40 GeoProbe soil borings, the installation of four groundwater monitoring wells, and field and laboratory analysis of soil and groundwater samples for target compound list (TCL) volatile organic compounds (VOCs), TCL semi-volatile organic compounds (SVOCs), target analyte list (TAL) metals, and PCBs (see Figure 4). As part of the investigation, four soil samples were collected from discrete locations and were analyzed for VOCs, SVOCs, and metals using the toxicity characteristic leaching procedure (TCLP). The analytical results indicate that the four soil samples did not exhibit corrosivity (pH), ignitability (flash point), or reactivity characteristics (sulfide/cyanide concentrations) of hazardous waste and that no VOCs or SVOCs were detected above method detection limits in the TCLP extracts of these soil samples.

Four metals (barium, cadmium, lead, and silver), however, were detected in the TCLP extracts at slightly elevated concentrations. Additionally, the laboratory analytical results of six surficial soil samples did not identify the presence of PCBs, but TCL VOCs, TCL SVOCs, and TAL metals were detected in soil samples at concentrations that exceeded applicable regulatory levels.

As part of an April 1999 monitoring event, site-wide groundwater flow was calculated to be in a southwest direction. Laboratory analytical results of groundwater samples collected from the four monitoring wells did not identify detectable concentrations of SVOCs or PCBs, or VOC concentrations which exceeded NYSDEC groundwater quality standards. The laboratory analytical results, however, did identify concentrations of metals that exceed NYSDEC groundwater quality standards.

The following conditions were discovered following demolition of the former Syracuse Rigging Warehouse and former Syracuse Paint and Varnish buildings:

1. One underground storage tank, one rectangular open-top steel storage vessel, potentially contaminated soil and groundwater, and numerous sub-slab concrete structures beneath a portion of the former Syracuse Rigging Warehouse building concrete slab;

2. Two 4" ± diameter steel pipes protruding from the ground east of the former Syracuse Paint & Varnish Building near the east property line shared with the J.C. Smith Company; and

3. Potentially contaminated soil and groundwater associated with the sump pit in the southeast corner of the former Syracuse Paint & Varnish Building.

Upon the discovery of these areas of concern, C&H Engineers notified the NYSDEC of the above-listed conditions. As a result, Spill No. 0005223 was assigned to the property on August 1, 2000.

Under the direction of C&H Engineers, USA Remediation, Inc. conducted exploratory excavations and conducted limited remedial activities to address the above areas of concern on the subject property from October 11-20, 2000 (see Figure 5). Remedial activities conducted by USA Remediation included the removal of the underground storage tank and two subsurface open-top steel storage vessels, and the excavation of approximately 800 cubic yards of petroleum impacted soil from within the western third of the former Syracuse Rigging building footprint. Based on field screening results, it appeared that the significantly contaminated soil terminated approximately 110' east of the former building's western foundation wall.

In addition to the aforementioned remedial activities, exploratory excavations were advanced within and exterior to the former Syracuse Rigging building footprint. Field volatile organic vapor screening results of these excavations identified the presence of petroleum and possibly solvent impacted soil and groundwater within and exterior to the former Syracuse Rigging building footprint. Subsurface soil impacts exterior to the former building footprint were generally encountered at and slightly above the soil/groundwater interface, while impacted soil within the former building footprint was generally encountered at depths ranging from beneath the former building's concrete slab to the water table.

During further evaluation of the two 4" pipes protruding from the ground surface east of the former Syracuse Paint & Varnish building, a third 4" diameter pipe was discovered. Residual material observed in these pipes appeared to be indicative of no. 6 fuel oil. These three pipes were located within a subsurface concrete trench that was covered with steel plates. The western end of these pipes appears to have terminated on the subject property between two former buildings, while the pipes were traced back to the east and appear to continue onto the J.C. Smith property. Field volatile organic vapor screening results of exploratory excavations conducted on soil samples collected in the vicinity of the former pipe trench identified subsurface impacts at and slightly above the soil/groundwater interface.

USA Remediation removed and containerized the contents of the sump pit located in the former Syracuse Paint and Varnish building. The sump pit was cleaned and was determined to be located within a concrete vault that appeared to be structurally intact. It, therefore, did not appear that the subsurface has been significantly impacted by the former use of this sump pit.

Exploratory excavations conducted adjacent to the south of the former Syracuse Paint and Varnish building, however, identified the presence of a subsurface manhole that appeared to be filled with hardened paint-like material and a pipe that is insulated with material suspected of containing asbestos. The subsurface manhole and hardened paint-like material were excavated and staged at the site on the former Syracuse Paint and Varnish building concrete slab separate from the petroleum impacted soil.

Based on the initial results of the exploratory and limited remedial activities, NYSDEC required the preparation of a more formal site investigation work plan to address the subsurface impacts in the vicinity of the former Syracuse Rigging building. In summary, elevated PID readings were observed from test pits located exterior to the northern wall of the former Syracuse Rigging building. Significantly elevated PID readings were noted exterior to the northeastern and southwestern corners of the former Syracuse Rigging building.

From January 15-18, 2001, Action Technical Services, Inc., under the direction of C&H Engineers, excavated approximately 425 cubic yards of impacted soils from the southwestern portion of Parcel D. During the excavation activities, a total of four pipes (two sets of two) were discovered. Residual material observed in the pipes appeared to be indicative of fuel oil. The western end of these pipes appeared to terminate on the subject property at the former Syracuse Rigging company, while the eastern end of the pipes appear to continue in the direction of the J.C. Smith property. Laboratory analyses of a composite soil sample collected from the western wall of the excavation (eastern wall of the subject property) revealed concentrations of SVOCs that significantly exceeded regulatory levels.

Based on the limited subsurface investigation activities, C&H Engineers concluded the following:

1. The release of petroleum products and solvents to the ground appeared to have occurred from point sources (i.e., tanks, pipes, and stored drums);
2. The metal constituents at the site are more widespread than the volatile or semi-volatile constituents and are not suspected to be related to site specific point sources. The metal concentrations are most likely related to the non-native soils (fill material) at the site and the industrial history of the subject property; and
3. The documented release of PCBs on the adjacent Winkelman property does not appear to have migrated onto the subject property.

In 1999, C&H Engineers performed asbestos and lead-based paint surveys of the existing buildings at the site, after which the buildings were demolished in accordance with local, State, and Federal standards.

1.3 Topography and Drainage

A United States Geologic Survey (USGS) map prepared for the subject site and surrounding area (Syracuse East, NY, Photo revised 1978) indicates that the site is at an elevation of approximately 445 feet. Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps indicate the site is not located within or adjacent to a 100-year or 500-year flood plain. Based on the groundwater contours calculated by C&H Engineers during the April 1999 monitoring event and assuming a continuous gradient of the groundwater surface through subsurface soils of uniform hydraulic conductivity, the calculated groundwater flow direction is in a southwest direction with

an average gradient of 0.7 percent. Review of regional USGS maps suggests that groundwater flows towards Onondaga Creek which is located ±1.8 miles west-southwest from the site.

1.4 Geology and Hydrogeology

1.4.1 Regional Geologic Setting

The site is located near the border of two physiographic provinces within New York State known as the Erie-Ontario Plain to the north and the Allegheny Plateau to the south. The Erie-Ontario Plain slopes toward the north and represents the southern extension of the Lake Ontario drainage basin, while the northern margin of the Allegheny Plateau includes the Finger Lakes troughs. The geology of the area in which the site is located consists of bedrock and overburden deposits. Bedrock in Central New York is dominated by flat-lying Sulurian-age and Devonian-age sedimentary strata, which exhibit a regional southward dip of approximately 20' to 30' per mile.

The Onondaga Lake Valley is underlain by a soft shale known as the Vermon Formation. The Vermon Formation is overlain by the Syracuse and Camillus Formations. The Syracuse Formation consists of shales, dolostones, gypsum, and rock salt. The Camillus Formation consists of soft, dolomitic shales and thin, gypsiferous shales. Bedrock at the site consists of the Syracuse Formation.

The pre-glacial bedrock beneath the site was modified by overriding Pleistocene glaciers. Deepening of the Onondaga Valley by glacial ice, in a manner similar to that which formed the Finger Lakes and surrounding valleys, produced a bedrock basin extending below sea level. Glacial sculpting of the area has produced a pronounced north-northwest to south-southeast orientation of hills and valleys. This orientation is partly the result of erosion of the underlying bedrock by glacial ice and the deposition of glacial till into elliptical hills known as drumlins.

Glacial till is typically a compact, unsorted, and poorly stratified mixture of sands, silt, clay, gravel, and boulders deposited by glacial ice. A layer of till generally 10 to 15 feet thick overlies bedrock in this area. During glacial retreat in the Onondaga Valley, pre-glacial drainage to the north was blocked by an ice front producing a proglacial lake in which significant quantities of glaciolacustrine sediments were deposited. Drainage in adjacent north-south valleys, to the east and west of the Onondaga Valley, were also blocked by the ice front producing a series of lakes standing against the ice. As the level of the lakes rose, surface water flow was predominantly to the south, over relatively high spillways or to the east or west over inter-valley divides. The large volumes of melt-water from the ice, spilling from one basin to another, cut numerous east-west trending channels into the valley divides. With the decay of the ice, lower spillways opened resulting in drainage of the proglacial lakes and the establishment of the existing system of lakes and surface drainage in the area.

During the time the proglacial lakes existed, they accumulated large volumes of sediment washed out from the ice and from the channels crossing the valley divides. These sediments consist primarily of fine sand and silt. Gravel, sand, and clay, however, are also present in some locations. Surficial soil near the site, however, has been mapped as urban land, which consists of built-up areas that have been so altered or obscured by urban works and structures that specific identification of the soils is not feasible. Based on observations of soils encountered during previous investigations, subsurface soils at the site generally consist of non-native material,

including fine to coarse sand, gravel, silt with some concrete brick, coal, and bottom ash to depths ranging from approximately 2' to 7.5' below grade. Moist dark brown peat was encountered beneath these non-native materials to depths ranging from 2.5' to 10.5' below grade. Combinations of organic silt, fine sand, marl, peat, and trace clay were encountered beneath the peat to depths of up to 14' below grade.

1.4.2 Regional Hydrogeologic Setting

The site is situated within the 230 square mile Onondaga Lake drainage basin and within the larger Eastern Oswego River drainage basin, which covers approximately 2,500 square miles. Surface water drains north from the Onondaga Lake drainage basin into the Seneca River, into the Oswego River, and finally into Lake Ontario. Surface water in the area of the site is influenced by Onondaga Lake and its tributaries. The tributary nearest to the site is Onondaga Creek, which is located approximately 1.8 miles west-southwest from the site.

Onondaga Creek, which flows from south to north through the Onondaga Valley and the City of Syracuse into Onondaga Lake, drains a watershed of approximately 100 square miles and has an average annual flow rate of approximately 190 cubic feet per second, before it discharges into the south end of Onondaga Lake. Onondaga Creek has been relocated from its former discharge point, which was once located at the southeast corner of Onondaga Lake.

The geology of the Onondaga Valley has a significant impact on the movement of groundwater in the valley and its tributaries. The pre-development groundwater flow patterns and water quality have been changed by construction projects, waste disposal, and groundwater pumping. Groundwater flow in Onondaga Valley and its tributaries is primarily driven by topography. Water flows from the valley divides into the surface and groundwater systems within each tributary valley. Surface and groundwater then flow towards Onondaga Lake. The flow patterns, velocities, and the groundwater/surface water ratio in each tributary valley are dependent on the local geologic conditions within each valley.

The site does not appear to directly overlie any aquifers and does not appear to be located near any primary or principal water supply aquifers as classified by NYSDEC. A surficial (unconfined) aquifer is located approximately six miles south of the site.

According to Mr. Richard March at the Onondaga County Health Department, Bureau of Public Water Supply Protection, there are no private or municipal groundwater wells used to supply potable water within a three-mile radius of the site. The residents within a three-mile radius of the site receive their domestic water from municipal service connections supplied by the City of Syracuse Water System, the Onondaga County Water Authority, or the Metropolitan Water Board. These agencies receive their water from surface water intakes on Lakes Otisco, Skaneateles, and/or Ontario.

1.5 Review of Existing Data

1.5.1 Asbestos and Lead-Based Paint Surveys

June 1999 ACM Syracuse Rigging Warehouse

Based on the results of the bulk sampling and asbestos analyses conducted, four (4) types of ACM were identified at the Former Syracuse Rigging Company Warehouse. The types, locations, and approximate quantities of ACM are summarized in the table below.

SUMMARY OF ACM		
ACM Type	**Location**	**Approximate Quantity**
Pipe Insulation	Interior	200 LF
Smooth "Transite" Wall Panels	Interior	4,032 SF
Corrugated "Transite" Siding Panels	Exterior	3,640 SF
Corrugated "Transite" Roof Panels	Exterior	21,500 SF

June 1999 ACM Syracuse Paint and Varnish

Based on the results of the bulk sampling and asbestos analyses conducted, seven (7) types of ACM were identified at the Former Syracuse Paint & Varnish Building. The types, locations, and approximate quantities of ACM are summarized in the table below.

SUMMARY OF ACM		
ACM Type	**Location**	**Approximate Quantity**
Window Caulk (Gray)	Second Floor (Interior Window Units)	15 SF
Window Caulk (White)	Second Floor (Exterior Window Units)	20 SF
Insulation Packing Between Fin Tubes	Second Floor (Boiler)	3 SF
Rope Gasket at Base of Fin Tubes	Second Floor (Boiler)	2 SF
Wall Flashings/Flashing Cement	Lower Roofs (East & West)	800 SF
Perimeter Flashings/Flashing Cement	Lower Roof (East)	165 SF
Perimeter Flashings/Flashing Cement	Lower Roof (West)	130 SF

June 1999 LBP Syracuse Paint and Varnish

Based on the results of the paint chip sampling and lead analyses conducted, all of the paints at the Former Syracuse Paint & Varnish Building contained lead and were classified as LBP pursuant to the OSHA standard.

1.5.2 Historic Soil and Groundwater Sampling Conducted by C&H / BDA

October 1989 Phase II Environmental Site Assessment

During an October 1989 Phase II Environmental Site Assessment which included a portion of the subject site (Syracuse Paint and Varnish Building) as well as the adjacent property to the east, soil and groundwater samples were collected in the vicinity of the Syracuse Paint and Varnish Building. A total of three soil samples were collected and analyzed for PCBs, petroleum products and the RCRA metals. PCBs and petroleum products were not identified within the soil samples. Elevated levels of cadmium, chromium, and mercury were identified within the site soils. Site groundwater was analyzed using EPA Methods 601 and 602, and did not show detectable concentrations VOCs or SVOCs within site groundwater.

January 1994 Exploratory Excavation

C&H conducted an exploratory excavation to determine if two vent pipes observed on the northwest corner of the storage and service shop building were attached to underground tanks. The pipes were uncovered and it was observed that the ends had been cut. It was determined that the associated underground tanks had been removed. During the advancement of the test pit, a petroleum odor was observed. Two soil samples were collected for headspace screening utilizing petroleum hydrocarbon Drager tubes. The headspace screening did not reveal petroleum vapor concentrations exceeding 100 ppm.

August 1994 Phase II Environmental Site Assessment

C&H identified five general areas of the subject property where historic use of the lot may have created subsurface conditions of environmental concern. Test Pit Excavations were conducted in each of these areas. The targeted areas are as follows:

Area 1 – An area adjacent to five former underground storage tanks identified on historic Sanborn fire insurance maps.
Area 2 – An area along the southern border of the property where miscellaneous debris and fill materials were observed.
Area 3 – An area along the western property border, adjacent to a former transformer installation where a release of PCBs had occurred.
Area 4 – An area located adjacent to a stockpile of 55-gallon drums of unknown content.
Area 5 – A former underground storage tank pit located to the southeast of the Storage and Service Shop building.

Based upon soil characteristics or VOC screening utilizing a PID, soil and groundwater samples were collected from test pits 1-1, 1-2, 4-1, and 5-1.

AUGUST 1994 SAMPLING PARAMETERS AND MEDIA		
Location	**Media**	**Analysis**
TP 1-1	Groundwater	EPA Method 8021 (VOCs)
	Soil	EPA 8021 EPA Method 200 (metals)
TP 1-2	Groundwater	EPA Method 8021 EPA Method 8270 (SVOCs)
	Soil	EPA 8270 EPA Method 8080 (PCBs)
TP 4-1	Soil	EPA 8021 EPA 8270 EPA 200 EPA 8080
TP 5-1	Soil	EPA 8021 EPA 8270

The following exceedences of applicable DEC Technical and Administrative Guidance Memorandum, January 1994 soil recommended soil cleanup objectives (TAGM 4046 RSCOs) and metals concentrations in exceedence of the Eastern USA Background soil metal concentrations. PCBs were not detected within soil samples collected from TP 1-2, and TP 4-1. VOCs and SVOCs were not detected within groundwater samples collected from TP 1-1 and TP 1-2.

VOCS, SVOCS, AND METALS DETECTED ABOVE TAGM 4046 RSCO			
Location	**Parameter**	**Concentration (ppb)**	**TAGM 4046 RSCO (ppb)**
TP 1-1 (white Marl)	Chromium	13,200	10,000
	Iron	5,850,000	2,000,000
	Mercury	543	100
TP 1-1 (stained soil)	Chromium	13,200	10,000
	Copper	65,000	25,000
	Iron	20,900,000	2,000,000
	Mercury	989	100
	Nickel	114,000	13,000
	Zinc	83,400	20,000
TP 1-2 (stained soil)	Benzo (a) pyrene	440	61
	Chrysene	750	400
TP 4-1 (stained soil)	Cadmium	35,300	1,000
	Chromium	40,500	10,000
	Copper	54,500	25,000
	Iron	119,000,000	2,000,000
	Mercury	545	100
	Nickel	706,000	13,000
	Zinc	70,600	20,000
TP 5-1	Benzo (a) anthrecene	1,000	224
	Chrysene	1,100	400
	Dibenzo (a,h) anthrecene	190	14

March 1995 Soil Vapor Survey

A soil boring and vapor survey was conducted in December of 1994 at four locations on the subject property. Soils in these areas were determined to contain petroleum compounds or metals at concentrations that exceed DEC clean-up criteria. The targeted areas are as follows:

Location 1 – (August 1994 Area 1) An area on the southwest side of the lot, adjacent to a 90-degree interior bend in the property border. This portion lies adjacent to the historic location of five petroleum storage tanks, which were located on the neighboring lot.

Location 2 – (August 1994 Area 5) A former underground storage tank site located in the north central portion of the lot. This site is adjacent to the southeast side of the former Service and Storage Shop building.

Location 3 – (August 1994 Area 4) A former drum storage site located to the southwest of the two-story brick building situated on the northeast side of the lot.

Location 4 – A former underground storage tank site located on the northwest corner of the property (location of November 1994 exploratory excavation). This site is adjacent to the west side of the former Service and Storage Shop building.

SOIL BORING ORGANIC VAPOR CONCENTRATION

Location	Number and Depth of Borings	Maximum VOC Concentration (ppm)
Location 1	7 Borings, 1'-5'	150
Location 2	12 Borings, 1'-5'	240
Location 3	19 Borings, 1'-4'	290
Location 4	15 Borings, 2'-5'	166

September 1999 Limited Subsurface Screening Report

Soil Samples

In September of 1999, a total of 40 Geoprobe soil borings were advanced in a grid pattern throughout the subject property (see Figure 4). Based on field screening results, ten soil samples were selected for laboratory analysis for VOCs using EPA Method 8260, and SVOCs using EPA Method 8270.

Concentrations of eight VOCs, including acetone, 2-butanone, and methylene chloride, were detected above regulatory standards. Upstate Laboratories, Inc. indicated in a June 3, 1999 letter that acetone, 2-butanone, and methylene chloride are commonly used laboratory solvents and that it is not uncommon to detect these compounds during laboratory analyses. These three VOCs, therefore, are suspected laboratory contaminants and may not be present in the soils at the site. The remaining VOCs identified above regulatory standards were detected in the soil sample collected from GP-24 [0-4'], which was advanced through the bottom of a catch basin located at the base of a former loading dock in the northwest corner of the property. The concentration of the VOC constituents in this sample and their respective TAGM 4046 RSCOs are as follows:

SUBSURFACE SOIL SAMPLE ANALYTICAL DATA SUMMARY FOR VOCS		
Parameter	**Detected Range (ppm)**	**TAGM 4046 RSCO (ppm)**
Chlorobenzene	5.4	1.7
Ethylbenzene	6.7	5.5
Toluene	0.260	1.5
M-xylene and p-xylene	16.0	1.2 total
O-xylene	4.8	

Laboratory analytical results indicate that no SVOCs were detected above regulatory standards in samples collected from GP-9 [4-8'] and GP-10 [4-8']. Sixteen SVOCs were detected above regulatory standards in the other eight samples (see Table S-2). The concentration of these SVOCs and their respective TAGM 4046 RSCOs are as follows:

SUBSURFACE SOIL SAMPLE ANALYTICAL DATA SUMMARY FOR SVOCS		
Parameter	**Detected Range (ppm)**	**TAGM 4046 RSCO (ppm)**
Anthracene	9.4	50
Benzo(a)anthracene	0.52 to 0.74	0.224
Benzo(a)pyrene	0.44 to 1.0	0.061
Benzo(b)fluoranthene	0.79 to 1.7	1.1
Benzo(g,h,i) perylene	0.23 to 0.83	50
Benzo(k)fluoranthene	0.28 to 0.46	1.1
Chrysene	0.48 and 0.56	0.4
Dibenzo(a,h)anthracene	3.0	0.014
2,4-dinitrophenol	2.1	0.2
Fluorene	5.2	50
Naphthalene	2.8	13
2-nitroaniline	2.1	0.430
4-nitrophenol	2.1	0.1
Phenanthrene	0.51 to 1.5	50
Pyrene	0.82 to 2.5	50
2,4,5-trichlorophenol	2.1 and 51.0	0.1

A total of six surficial shallow soil samples were collected and analyzed for PCBs by EPA Method 8082. One surficial soil sample was collected from each of two GeoProbe borings located along the western property boundary (GP-19 and GP-20) and one surficial soil sample was collected from the monitoring well MW-2 location to determine whether the release of PCBs from the adjacent Winkelman property had impacted the subject site. At the recommendation of NYSDEC, C&H Engineers also collected one surficial soil boring sample from each of three GeoProbe borings (GP-31, GP-2, and GP-9) for screening of PCBs in the northern, eastern, and southern portions of the site, respectively. PCBs were not detected within any of the soil samples collected from the site.

The 40 borings were divided into 10 groups of four. Surficial soil samples from each group of four individual borings was composited into a single sample for laboratory analysis, resulting in a total of 10 composite samples. The composite samples (CS-1 through CS-10) were submitted for

laboratory analysis for TAL Metals in order to identify the presence of metals in upper layers of the soil.

Laboratory analytical results detected TAL Metals above RSCOs in each of the ten samples (CS-1 through CS-10). The concentration of these metal constituents and their respective TAGM 4046 RSCOs or respective Eastern US Background concentrations are as follows:

SUBSURFACE SOIL SAMPLE ANALYTICAL DATA SUMMARY FOR METALS		
Parameter	**Detected Range (ppm)**	**RSCO or Eastern US Background (ppm)**
Cadmium	2.15 to 18.1	1
Calcium	84,900 to 131,000	35,000
Chromium	41.8 and 232	40
Copper	59.3 to 114	50
Lead	1,090	500
Magnesium	5,070 to 32,600	5,000
Mercury	0.3	0.2
Nickel	38 to 2,120	25
Zinc	68.3 to 880	50

A total of four samples were also collected from borings advanced in the vicinity of each of the four areas of soil concern identified in the 1995 Soil Vapor Survey. These samples were analyzed for VOCs, SVOCs, and metals using the TCLP procedure. An additional six shallow surficial soil samples were collected at the site for PCB analysis using EPA Method 8082.

TCLP laboratory analytical results for the soil samples collected from the GeoProbe borings GP-16 [4-8'], GP-22 [0-4'], GP-25 [0-4'], and GP-34 [4-8'] indicate that the pH for the four samples ranged from 6.7 to 8.0 SU and the flash point for each sample was greater than 60°C. These results indicate the samples do not exhibit the characteristic of corrosivity. Laboratory results did not detect concentrations of sulfide or cyanide above method detection limits, which indicate the samples do not exhibit the characteristic of reactivity. In addition, no VOCs or SVOCs were detected above method detection limits, and laboratory analytical results indicate that four metals (barium, cadmium, lead, and silver) were detected at concentrations below hazardous waste regulatory levels. These soil samples, therefore, do not exhibit characteristics of hazardous waste.

Analytical results from the TCLP extracts, however, indicate concentrations of four metals above NYSDEC groundwater quality standards. The concentration of these metal constituents and their respective groundwater quality standards are as follows:

DATA SUMMARY FOR METALS EXCEEDENCES VIA TCLP ANALYTICAL METHOD			
Analyte	**Boring**	**Detected Concentration (mg/l)**	**Groundwater Quality Standard (mg/l)**
Barium	GP-25 [0-4']	1.4	1.0
Cadmium	GP-22 [0-4']	0.013	0.005
Lead	GP-25 [0-4']	1.6	0.025
Silver	GP-16 [4-8']	0.06	0.05

It should be noted that PCBs were not detected within any of the soil samples collected from the site.

C&H Engineers collected one groundwater sample from each of the four groundwater monitoring wells on April 16, 1999. Samples collected from each of the four monitoring wells were analyzed for TCL VOCs and SVOCs by EPA Methods 8260 and 8270, respectively, and TAL Metals by EPA Method 200.7, while the samples collected from MW-2 and MW-3 were also analyzed for PCBs by EPA Method 608.

The laboratory analytical report indicated that no SVOCs or PCBs were detected at or above the method detection limit in the groundwater samples (see Tables GW-2 and GW-4). VOCs were detected at or above the method detection limits in the groundwater sample collected from MW-2 (see Table GW-1). Two VOCs, carbon disulfide and methylene chloride, were detected below NYSDEC groundwater quality standards in the groundwater samples collected from MW-1 and MW-4, and MW-3, respectively. As discussed in Section 3.2, Upstate indicated in a June 3, 1999 letter that methylene chloride is a commonly used laboratory solvent and that it is not uncommon to detect this parameter during laboratory analysis. Methylene chloride, therefore, is a suspected laboratory contaminant and may not be present in the groundwater at the site. According to Upstate, carbon disulfide detected at low levels in groundwater samples that have been preserved may be the result of a chemical reaction between sulfur in the groundwater with the sample preservative (hydrochloric acid). However, carbon disulfide is also a solvent and, therefore, may be present in the groundwater as a result of historic operations conducted at the property.

Concentrations of eight TAL metals were detected above NYSDEC groundwater quality standards in the samples collected from the four monitoring wells. The concentration of these metal constituents and their respective groundwater quality standards are as follows:

SUBSURFACE SOIL SAMPLE ANALYTICAL DATA SUMMARY FOR METALS

Parameter	Detected Range (µg/l)	Groundwater Quality Standard (µg/l)
Aluminum	1,380 to 23,800	100
Antimony	14.9 to 24.5	3
Cadmium	9.6	5
Iron	1,980 to 36,300	300
Magnesium	83,300	35,000
Manganese	394 to 1060	300
Sodium	59,100 to 435,000	20,000
Vanadium	53.9	14

October 2000 Limited Subsurface Investigation in Parcel D

In December 2000, C&H Engineers advanced 18 test pits throughout Parcel D to determine the horizontal extent of impacted soil. Excavated soils were periodically field-screened for volatile organic compounds (VOCs) with a portable PID to provide an indication of subsurface quality. Samples for field screening activities were collected at 2-foot intervals until groundwater was encountered, approximately 4 feet below grade. The results of the field screening activities follow:

PARCEL D PID READINGS					
Test Pit	**Highest PID Reading (ppm)**	**Test Pit**	**Highest PID Reading (ppm)**	**Test Pit**	**Highest PID Reading (ppm)**
1	1.8	7	0.4	13	1.5
2	0.9	8	0.8	14	7.3
3	0.3	9	0.9	15	0.4
4	0.2	10	2.0	16	9.5
5	0.2	11	11.3	17	0.9
6	0.6	12	0.6	18	0.2

In addition to field screening activities, eight soil samples were analyzed for VOCs and semi-volatile organic compounds (SVOCs) after collection from selected test pits based upon:

- PID readings
- Visual and olfactory observations
- Location (test pits at the corners of the sampling area were analyzed to confirm that impacts did not extend past the sampling area)

Analytical results of soil samples collected on Parcel D during the Limited Subsurface Investigation are summarized in the following table:

SUMMARY OF ANALYTICAL RESULTS OF SOIL SAMPLES COLLECTED ON PARCEL D DURING THE LIMITED SUBSURFACE INVESTIGATION									
Compound	**TP-2 0-2'**	**TP-3 0-2'**	**TP-8 2-3'**	**TP-10 2-4'**	**TP-11 0-2'**	**TP-15 0-2'**	**TP-16 0-2'**	**TP-18 0-2'**	**NYSDEC Guidance Value**
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260 (µg/kg)									
Trichlorofluoromethane	6	ND	4	11	ND	ND	ND	4	Not Listed
Methylene Chloride	21	12	***120***	22	ND	***390***	ND	18	100
Chloroform	1	2	7	2	ND	ND	ND	2	300
Ethylbenzene	ND	ND	ND	ND	***170***	ND	ND	ND	100
m&p-Xylene	ND	ND	ND	ND	***280***	ND	ND	ND	100
n-Propylbenzene	ND	ND	ND	ND	***220***	ND	***170***	ND	100
1,3,5-Trimethylbenzene	ND	ND	ND	ND	***720***	ND	***230***	ND	100
Tert-Butylbenzene	ND	ND	ND	ND	***150***	ND	***430***	ND	100
Sec-Butylbenzene	ND	ND	ND	ND	***400***	ND	***620***	ND	100
n-Butylbenzene	ND	ND	ND	ND	***380***	84	***410***	ND	100
Naphthalene	ND	ND	ND	ND	***1100***	ND	***280***	ND	200
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	***270***	ND	100
SEMI-VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8270 (µg/kg)									
Phenanthrene	ND	ND	ND	***3600***	***9200***	ND	ND	ND	1000
Fluoranthene	ND	ND	ND	***4000***	ND	ND	410	560	1000
Pyrene	ND	ND	ND	ND	***9200***	ND	640	340	1000

Result in bold indicates concentration above the guidance value.
ND = Parameter not detected within method limits
[1] Parameter identified as possible laboratory contaminant by Upstate Laboratories, Inc.

January-March 2001 Soil Excavation in Parcel D

In January 2001, C&H Engineers oversaw the removal of approximately 515 cubic yards of soil located in the southwest corner of Parcel D. The purpose of this excavation was to remove potentially impacted soils in the vicinity of Test Pits 10, 11, and 16. Soil samples were collected from each wall of the excavation, and submitted for laboratory analysis of VOCs and SVOCs. Since laboratory analysis revealed that the northern wall of the excavation contained concentrations of contaminants (fluoranthene, phenanthrene, and pyrene) above NYSDEC guidance values, the excavation was extended to the north in March 2001. Excavated soils were stockpiled within poly-covered soil piles located on the former building slab to the west of the excavation.

SUMMARY OF ANALYTICAL RESULTS OF SOIL SAMPLES COLLECTED FROM A SOIL EXCAVATION LOCATED IN THE SOUTHWEST CORNER OF PARCEL D

Compounds	North Wall	North Wall Phase II	East Wall	South Wall	West Wall	Bottom	NYSDEC Guidance Value1
SEMI-VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8270 (µg/kg)							
Acenaphthene	<8,000	<3,000	<4,000	<8,000	<8,000	<8,000	400
Anthracene	<8,000	<3,000	<4,000	<8,000	<8,000	<8,000	1,000
Benzo(a)anthracene	<8,000	<3,000	<4,000	<8,000	<8,000	<8,000	330
Benzo(b)fluoranthene	<8,000	***3,500***	<4,000	<8,000	<8,000	<8,000	330
Benzo(k)fluoranthene	<8,000	<3,000	<4,000	<8,000	<8,000	<8,000	330
Benzo(g,h,i)perylene	<8,000	<3,000	<4,000	<8,000	<8,000	<8,000	330
Benzo(a)pyrene	<8,000	<3,000	<4,000	<8,000	<8,000	<8,000	330
Chrysene	<8,000	***3,100***	<4,000	<8,000	<8,000	<8,000	330
Dibenz(a,h)anthracene	<8,000	<3,000	<4,000	<8,000	<8,000	<8,000	1,000
Fluoranthene	***9,500***	***5,500***	<4,000	<8,000	<8,000	<8,000	1,000
Fluorene	<8,000	<3,000	<4,000	<8,000	<8,000	<8,000	1,000
Indeno(1,2,3-c,d)pyrene	<8,000	<3,000	<4,000	<8,000	<8,000	<8,000	330
Naphthalene	<6	Not Analyzed	6.6	<6	<6	<6	200
Phenanthrene	***13,000***	***4,900***	<4,000	<8,000	***33,000***	<8,000	1,000
Pyrene	***9,300***	***6,500***	<4,000	<8,000	***38,000***	<8,000	1,000
Lubricating Oil[2]	Not Analyzed	Not Analyzed	320,000	220,000	17,000,000	2,400,000	----

Notes:
1. TCLP Alternative Guidance Value (NYSDEC STARS Memo #1) reported in units of micrograms per kilogram dry (µg/kg Dry) = parts per billion (ppb).
2. A pattern resembling lubricating oil is present at the estimated concentrations provided.
3. ***Bold*** indicates exceedence of referenced Soil Quality Standard.

June 2001 Subsurface Soil Conditions, Utility Installation Project

Prior to utility installation efforts at the site, a series of test pit excavations were completed along the access road corridor during the week of May 8, 2001. A total of nine test pits were advanced, and soil samples from each were collected and analyzed for VOCs and SVOCs. VOCs were not detected within any of the soil samples.

Although the detectable presence of base-neutral SVOCs were not detected within the soil sample collected from test pits TP-1, TP-2, TP-3, and TP-4, the presence of specific semi-volatile organic compounds was identified within the remaining soil samples. In addition, analysis of TP-8 revealed the presence of lubricating oil at an estimated concentration of 1,000 ppm.

SVOCS DETECTED ABOVE TAGM 4046 RSCOS – UTILITY INSTALLATION PROJECT					
Parameter	**TP-5**	**TP-6**	**TP-7**	**TP-9**	**TAGM 4046 RSCO**
SEMI-VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8270 (µg/kg)					
Benzo (a) anthrecene	**4,000**	**2,100**	**560**	**560**	222
Benzo (b) fluoranthene	**4,800**	**4,300**	610	540	1,100
Benzo (k) fluoranthene	**1,900**	**1,600**	ND	ND	1,100
Benzo (a) pyrene	**3,600**	**2,800**	**630**	ND	61
Chrysene	**4,600**	**3,800**	**680**	**690**	400
Dibenzo (a, h) anthrecene	**1,100**	**1,100**	ND	ND	14

Notes: 1. ***Bold*** indicates exceedence of referenced Soil Quality Standard.

January 2002 Soil Berm Sampling Results

In December of 2001, BDA personnel collected soil samples from the bermed soil piles located at the subject site, under the direction of the NYSDEC Spills Program. Soil samples were collected from the soil berm every 30-43 linear feet (1 sample every 70 cubic yards) for a total of 28 locations.

These samples were analyzed for VOCs using EPA 8260 and SVOCs using EPA 8270 base neutrals to quantify potential petroleum related contamination within the soil berms.

Although the presence of VOCs and the majority of SVOCs was not detected within the collected samples, 4 to 5 specific polynuclear aromatic hydrocarbons (PAHs) were consistently identified within each of the 28 soil samples at concentrations which exceed applicable TAGM 4046 RSCOs (see Exhibit 1). The PAHs consistently identified consisted of:

- benzo (a) anthracene
- benzo (b) fluoranthene
- benzo (k) fluoranthene
- benzo (a) pyrene
- chrysene

In general, the majority of soil samples exhibited PAH concentrations lower than the soil samples collected during the October 2000 Limited Subsurface Investigation.

1.6 SI/RA Approach

Site Investigations

Site investigation efforts included the completion of nine test trenches, 20 test pits, and 40 surface soil scrapings (see Figures 6 and 7).

To assess potential shallow soil and groundwater quality impacts within the property five additional groundwater monitoring wells were installed at the site (see Figure 8).

To assess potential impacts to adjacent properties, three geoprobe borings were advanced on adjacent properties, and one boring was advanced along the southern property border (see Figures 6 and 8).

Three test trenches and eight test pits were advanced in the vicinity of monitoring well MW-5-03 in attempts to identify potential sources of petroleum product observed within the well (see Figure 6).

To assess the LNAPL product recharge rate within MW-5-03, baildown tests were completed on May 24-25, and June 24-July 1, 2005.

After receipt of laboratory data reports, a final data usability review was performed to confirm the validity of the data. The laboratory data results were compared to applicable NYSDEC standards and recommended soil cleanup objectives and were also utilized to prepare a site-specific qualitative human health risk assessment. The results of site reconnaissance, field investigations, media sampling, laboratory analysis, and data usability review were compiled and interpreted within this Site Investigation Report.

Development of Remedial Alternatives

As SI laboratory data reports were received, and areas of environmental concern for the site were identified, remedial alternative development efforts were initiated. As the first effort for this task, remedial action objectives, which specify remediation goals in terms of contaminants identified, media of concern, and potential exposure pathways, were identified, after which potential general remedial response actions, such as treatment, containment, excavation, extraction, disposal, and institutional actions, were identified. After listing applicable general response actions, suitable response action technologies for the remediation of contaminated media were identified.

The respective response action technologies were then assembled into remedial alternatives that were evaluated and screened based upon criteria including effectiveness (long term and short term), reliability, implementability, and cost. Upon completion of remedial alternative screening task, a detailed remedial alternative evaluation was conducted. In general, the alternatives were evaluated in accordance with specific criteria to determine a cost-effective and protective remedy.

The NYSDEC will subsequently evaluate the remedial alternatives based on community acceptance. The results of the remedial alternative development and evaluation previously mentioned have been compiled within the Remedial Alternative Report section of this SI/RAR.

2.0 SITE INVESTIGATION ACTIVITIES AND METHODOLOGIES

The primary task of the Site Investigation involved site characterization, which included activities to determine the nature and extent of contamination at the site. For this project, site characterization included: 1) the collection and assessment of existing data; 2) subcontractor procurement; 3) the completion of field investigations; 4) the completion of a qualitative human health exposure assessment, and 5) SI Report Preparation.

2.1 Field Investigations

The following field investigations were completed as part of the Site Investigation to determine the nature and extent of contamination at the site.

2.1.1 Preliminary Site Reconnaissance

Several preliminary site reconnaissance events were completed in an effort to identify obvious areas of environmental concern, areas of concern identified in previous investigations, and general site conditions. An effort was also made to locate groundwater monitoring wells installed during past investigation efforts at the subject property. It was determined that only well MW-2-99 was still intact, and a significant amount of standing water was located in the central and southern portions (±1 acre) of the subject property.

On January 10, 2003, BDA personnel, Bruce Ellsworth of the City of Syracuse Department of Public Works (DPW), and Dick Oliver of Marcor Remediation Inc. (Marcor) met at the subject property and coordinated efforts to clear composting debris from the work area.

A metes and bounds/test trench location survey of the subject site was completed by Bryant Associates.

2.1.2 Subsurface Soil Investigations

In an effort to further characterize the extent of impacted soil and groundwater in specific areas both on and off the subject property, and to assess the potential for off-site migration of constituents from the subject property, a series of phased subsurface investigations were completed at the site.

On May 12-21, 2003 Marcor conducted subsurface investigations at the subject property. Prior to conducting the field activities, Marcor contacted Dig Safely New York to identify existing buried utilities at the site. During operations on May 12, Marcor excavated a temporary drainage swale to divert standing water from the work area. The advancement of trenches C, H, and I also required the movement of soil berms located at the subject site.

Marcor excavated nine test trenches utilizing a tracked excavator and a rubber tired backhoe with a hydraulic jackhammer attachment. Trenches were advanced horizontally in lengths ranging from 110'-230' and to a depth of 8' below grade except in areas where concrete slabs and footers could not be penetrated. Soil conditions, odors, and soil vapor screening using a photo-ionization detector (PID) were noted for each excavation. Areas displaying stained soil conditions, odors, or high PID readings were marked using survey flags. Ten soil samples were then collected from these areas and placed within laboratory prepared containers and sealed with aluminum foil. The soil samples were then allowed to heat to approximately 70° F. The container headspace was

then screened using a PID. Three samples from each trench (27 Total) were then selected for laboratory analysis based upon headspace screening, soil discoloration, and odor (see Figure 9). Soil samples were analyzed for TCL VOCs, TCL SVOCs, and TAL Metals. After each sampling event occurred, the trenches were backfilled using the excavated soils.

Marcor excavated 20 test pits using a tracked excavator. The pits were advanced to depths ranging from 4 to 8 feet below grade. Soil conditions, odors, and soil vapor screening using a photo-ionization detector (PID) were carefully noted for each excavation (see Figure 10). One sample was then collected from each test pit, placed within a laboratory prepared container, and sealed with aluminum foil. The soil samples were allowed to heat to approximately 70° F. The container headspace was then screened using a PID. A total of 8 samples were then selected for laboratory analysis based upon headspace screening, soil discoloration, and odor. Soil samples were analyzed for TCL VOCs, TCL SVOCs, and TAL Metals. A total of five subsurface soil samples were also selected for PCB analysis. After each sampling event occurred, the test pits were backfilled using the excavated soils. The locations of the nine test trenches and 20 test pits completed as part of the Phase I SI are shown in Figure 6.

On April 5 and 6, 2005, Marcor advanced a total of three test trenches and eight test pits using a tracked excavator in the vicinity of monitoring well MW-5 due to the presence of petroleum product within the monitoring well (Phase III SI). Test excavations were advanced to depths ranging from 10 to 12 feet below ground surface. Soil conditions, odors, and soil vapor screening using a photo-ionization detector (PID) were carefully noted for each excavation (see Figures 11 and 12). A total of five soil samples were then selected for laboratory analysis from within the grossly contaminated area, the perceived limit of the grossly contaminated soil conditions (a black stained peat with petroleum odor), and at locations were excavations could not continue offsite (southern property border). Soil samples were analyzed for TCL VOCs, TCL SVOCs, and petroleum products via NYSDOH analytical method 310.13. After each sampling event occurred, the test pits/trenches were backfilled using the excavated soils.

2.1.3 Groundwater Investigations

On July 23-28, 2003, personnel from BDA and CME Associates mobilized at the site to complete five shallow groundwater monitoring well installations (MW-I-03, MW-2-03, MW-3-03, MW-4-03, and MW-5-03) within the subject property in order to assess the presence of potential shallow groundwater quality impacts at the site. In addition, on May 20, 2004 personnel from BDA and CME Associates mobilized at the site to install two additional wells (MW-3-04 and MW-6-04) to replace wells (MW-2-99 and MW-3-03) that had been destroyed during mulching and emergency vehicle operations at the subject property. The locations of the monitoring wells are shown in Figure 8, while the well boring logs are presented in Figure 13. Each of the subsurface monitoring well borings was completed using continuous split spoon sampling at each monitoring well location, consistent with ASTM D-1586-84, and advanced using a 4¼" inside diameter hollow stem auger without the use of air or drilling fluids. Continuous sampling was completed as a means to define the unconsolidated geology prior to boring advancement.

During the completion of shallow monitoring well borings, retrieved soil samples were field screened for the presence of volatile organic compounds using a PID. Each of the monitoring well installations was constructed of two-inch diameter PVC tri-lock jointed screen and riser, with locking caps. Consistent with the gravel, sand, and silt conditions identified at the site, each

monitoring well was constructed using 10-slot (0.01-inch) well screens and "0-grade" sandpack. Screens, risers and fittings were steam cleaned prior to installation. Split spoons and downhole apparatus/tools were decontaminated (steam cleaned) between samples. Details regarding the location and well screen interval of each monitoring well installed at the site are listed in the following report table.

MONITORING WELL INSTALLATION LOCATION DETAILS

Well	Location	Well Screen Interval
MW-1-03	Northeast Corner of Site	7.8 to 18 feet below grade
MW-2-03	North of end of City Crossroads Drive	7.8 to 18 feet below grade
MW-3-03	Northwest Corner of Site	7.8 to 18 feet below grade
MW-4-03	Western Portion of Site	7.8 to 18 feet below grade
MW-5-03	Southwest Portion of Site	7.8 to 18 feet below grade
MW-3-04	Northwest Corner of Site	8.0 to 18 feet below grade
MW-6-04	Southwest Corner of Site	8.0 to 18 feet below grade

A bentonite seal, at least two feet in thickness, was placed following the installation of the sand pack to minimize the potential downward communication (or short-circuiting) of infiltrating surface waters to the local shallow groundwater regime. The balance of the hole was backfilled with a cement/bentonite grout. The placement of annular material was coordinated with the withdrawal of augers or casing to minimize caving around the well screen and riser pipe. Annular material was placed with a tremie to avoid bridging between riser and borehole. For each of the shallow wells, the screen was installed so as to "straddle" the perceived groundwater surface. A vented flush-mount casing with a locking steel cap was installed to surround each PVC well location to maintain well integrity. Each of the monitoring wells was finished by installing a concrete cap, sloped away from the respective well casing, to prevent runoff water infiltration. The void between each steel casing and PVC riser was filled with heavy grade sand to prevent invasion by rodents and insects. During the completion of subsurface drilling tasks, drill cuttings were visually inspected and screened with a PID. Cuttings did not exhibit PID readings in excess of 5 ppm during the well installation process.

Monitoring wells MW-1-03 through MW-5-03 were developed and purged using an electric peristaltic pump on July 28-29, 2003. During well development, turbidity readings were found to improve to values between 111-641 NTUs over the duration of well development. Further well development did not have a significant effect on turbidity.

The top of each monitoring well casing was surveyed to establish the horizontal location and elevation of the measuring point, so that depth to water measurements could be utilized to calculate site specific groundwater elevations, groundwater contours, and groundwater flow directions (see Figure 8).

On August 4, 2003, groundwater samples were collected from each monitoring well means of disposable polyethylene bailers and analyzed for TCL VOCs, SVOCs, TAL metals, PCBs, and pesticides in accordance with NYSDEC Analytical Services Protocol (ASP). During the sampling activities, it was observed that MW-2-99 had been destroyed during mulching operations at the subject site. Thus, BDA was unable to collect groundwater samples from MW-2-99 during the

August 2003 groundwater monitoring event. Site reconnaissance during the spring of 2004 revealed that MW-3-04 had been destroyed during the winter months by either onsite mulching operations, or was struck by emergency vehicles responding to a fire at the adjacent Winkelman building. Two additional wells (MW-3-04, and MW-6-04) were installed on April 20, 2004. Groundwater samples were collected from all of the onsite wells on April 27, 2004.

During the April 2004 groundwater monitoring event, a Light Non-Aqueous Phase Liquid (LNAPL) petroleum product was observed within MW-5-03. Petroleum product from the well was the bailed and stored onsite within a sealed 5-gallon plastic bucket. On October 28, 2004, BDA under the supervision of Karen Cahill of the NYSDEC, collected a sample of the petroleum product for analysis. The sample was analyzed using EPA analytical Method 1664 (Oil and Grease), and NYSDOH 310.13 (Total Petroleum Hydrocarbon). Oil and grease concentration of the product was measured at 790,000 ppm (79%) of the sample, and diesel concentration of 1,000,000 ppm (100%) respectively. These analytical results are unqualified and were collected for informational purposes only. On December 13, 2004 BDA returned to the subject site with a multi-phase groundwater probe and determined the thickness of the LNAPL product layer to be 0.74 feet.

During the April 5 and 6, 2005 subsurface investigation conducted in the vicinity of MW-5-03, soil samples were collected from the black peat/fill layer exhibiting a petroleum odor in the vicinity of the groundwater well. These soil samples, along with a sample of the LNAPL product observed within MW-5-03 were analyzed using NYSDOH 310.14 (Petroleum Fingerprint). These analytical results are unqualified and were collected for informational purposes only. Comparison of the chromatographic analysis from the LNAPL product within MW-5-03 and the surrounding stained soils indicate that they contain the same material (unidentified hydrocarbons in the diesel fuel range).

On May 24 and 25, 2005 BDA conducted a baildown slug test of MW-5-03. The baildown test was conducted using a disposable polyethylene bailer on the afternoon of May 24, 2005. Prior to bailing the well, an LNAPL product thickness of 0.93 feet was recorded using a multi-phase groundwater probe. The well was then bailed until 10 well volumes were removed and allowed to recharge overnight (15 hours). On the morning of May 25, 2005, the LNAPL product thickness was measured to be 0.49 feet.

On June 24 through July 1, 2005 BDA conducted a limited investigation of LNAPL recharge rates at MW-5-03. A baildown test was conducted using a disposable polyethylene bailer on the afternoon of June 24, 2005. Prior to bailing the well, an LNAPL product thickness of 0.60 feet was recorded using a multi-phase groundwater probe. The well was bailed until 10 well volumes were removed and allowed to recharge over the weekend. The following week, BDA returned to the site on three occasions to measure the LNAPL product thickness and remove the LNAPL layer using an oil-absorbent bailer (see table below).

LNAPL PRODUCT THICKNESS JUNE 24 – JULY 1, 2005			
Date	**Top of LNAPL (ft)**	**Bottom of LNAPL (ft)**	**LNAPL Thickness (ft)**
6/24/05	14.76	15.36	0.60
6/27/05	14.82	15.42	0.60
6/29/05	14.86	15.14	0.28
7/1/05	14.90	15.04	0.14

2.1.4 Surface Soil Investigations

On June 26-28, 2003, personnel from BDA sampled surficial soils at the site in order to understand the nature and extent of the metals present in shallow soils. The sample locations were based on a modified 100 foot grid pattern established by utilizing a hand-held GPS device and measuring tape (see Figure 7). Prior to sampling the soil, vegetation and debris was cleared from the sample location, and discrete samples were collected from the top 0-2" of soil. A total of 40 samples were collected using disposable stainless steel spoons and placed in laboratory prepared containers. Surficial soil samples were analyzed for TAL metals, mercury, and cyanide. A total of six soil samples were also selected for PCB analysis.

2.1.5 Offsite Investigations

On October 27, 2004 Marcor advanced a total of four geoprobe borings to assess offsite impacts (see Figures 6 and 8). Borings were advanced using a 2-inch diameter macro-core sampling tube, and continuous split spoon soil sampling was conducted to subsurface depths ranging from 16-20 feet below grade. During the completion of subsurface borings at these locations soil conditions were recorded and soil samples were collected for field headspace analysis utilizing a PID (see Figure 14). The samples collected from each of the borings at depths that displayed the greatest perceived impacts (based on field conditions such as elevated PID readings, odors, staining, etc) were analyzed for TCL VOCs + TICS, TCL SVOCs + TICS, TAL Metals, and PCBs.

During the completion of subsurface borings at these locations, temporary 1" PVC groundwater wells were installed within the borings. Groundwater samples were collected on October 27, 28, and November 1 and analyzed for TCL VOCs + TICS, TCL SVOCs + TICS, TAL Metals, and PCBs.

2.1.6 Groundwater Flow Directions

Monitoring well locations and elevations were surveyed by Bryant Associates to establish the horizontal location and elevation of the measuring point, so that depth to water measurements could be utilized to calculate site specific groundwater elevations, groundwater contours, and groundwater flow directions. On December 13, 2004, depths to groundwater were measured within each of the six site monitoring wells, and monitoring wells P-1-DEC and P-7-DEC located on the western adjacent D.W. Winkleman Company property. The depth to groundwater and calculated groundwater elevations for each of the site monitoring wells and the two offsite monitoring wells is summarized in the following table.

SUMMARY OF GROUNDWATER DEPTH AND ELEVATION MEASUREMENTS DECEMBER 13, 2004				
Monitoring Well	**Screen Interval (ft)**	**Casing/PVC Elevation (ft)**	**Depth to Water (ft)**	**Groundwater Elevation (ft)**
MW-1-03	7.8-18	417.77	3.99	413.78
P-1-DEC	unknown	415.07	3.08	411.99
MW-2-03	7.8-18	417.92	5.98	411.94
P-7-DEC	unknown	415.90	4.06	411.84
MW-3-04	7.8-18	416.43	5.08	411.35
MW-4-03	7.8-18	417.97	8.35	409.62
MW-6-04	8-18	417.97	8.68	409.29
MW-5-03	8-18	418.88	14.42	404.46

As shown on Figure 8, shallow groundwater flow at the site was calculated to trend towards the south and southwest over a majority of the site (hydraulic gradient 1.3 percent). However groundwater flow on the western portion of the property trends towards the south and southeast (hydraulic gradient of 1.7 percent). As previously noted (from the results of test trench excavations), it appears that perched groundwater conditions exist within veins of fill materials throughout the site.

3.0 DATA USABILITY REVIEW

As part of the Site Investigation, media samples were collected from subsurface test trench and test pit excavations, surficial soils, and groundwater monitoring wells. The collected groundwater, surface soil, and subsurface soil samples were analyzed for TCL parameters, in accordance with EPA approved methodologies. For the samples collected for TCL parameter analysis, the project-specific analytical laboratory, O'Brien & Gere Laboratories, Inc. (OBG), provided analytical data reports in the form of NYSDEC ASP Category B reportables/deliverables packages.

OBG completed a review of the generated analytical data for compliance with Quality Control (QC) acceptance limits as specified in the applicable ASP method for each analysis. The following QC operations and items are considered in the validation of reported results: holding times; surrogate recovery; spiked sample recovery; duplicates/spike duplicate precision; tuning criteria; internal standard variation; continuing calibration variation; reference (check) sample recovery, and instrument, method, trip, and field blanks. The appropriate frequency for each operation is also considered.

Laboratory data was evaluated according to the quality assurance/ quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol, September 1989, Rev. 06/2000, and the cited method. As referenced by the laboratory in the Data Usability Summary Reports, every effort has been made to report data that is compliant with the EPA methodology cited for each analysis. In cases where the laboratory was unable to meet all method requirements prior to sample expiry, either due to the nature of the sample or other technical difficulty, results are reported with qualification with the understanding that qualified results may not be suitable for compliance purposes.

In an effort to provide adequate, compliant, and defensible data, consistent with NYSDEC guidance, analytical data generated as part of the site investigations was reviewed by DataVal, Inc. The results of the internal laboratory review, validation, and usability assessment are included within each delivery group of analytical data. The project Data Usability Summary Reports will be submitted to the Department under separate cover. Additional copies of the project Analytical Data Reports and Data Usability Summary Reports are available upon request.

In general, a vast majority of the data produced during the SI activities is considered technically defensible and completely usable in its present form. The rejected data was limited to:

- The copper results from every test trench sample except T-H-01, due to unacceptable matrix spike recoveries
- The 3,3' dichlorobenzidine results from off-site soil samples, due to an extremely low spiked blank recovery
- The hexachlorocyclopentadiene, 2,4-dinitrophenol, and phenanthrene results in the additional trenches and test pits, due to unacceptable spiked sample recoveries.

Data qualification information is included within the analytical data tables included as Tables 1 through 22 of this report. The following is a detailed summary of the qualified data results prepared by DataVal, Inc.:

3.1 Sample Delivery Group 5406

Miscellaneous soil samples analyzed for VOCs, SVOCs, and Inorganics

VOCs

Acetone and methylene chloride were detected in the blanks associated with this group of samples. Based on this observation, methylene chloride should be considered undetected in each program sample. The acetone result from M-2 (1') has been similarly qualified.

The acetone results reported from this group of samples have been qualified as estimations due to low matrix spike recoveries.

The negative 1, 1, 2, 2,-tetrachloroethane result reported for each program sample has been qualified as an estimation due to low internal standard response.

SVOCs

The benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, and benzo(g,h,i)perylene results from M-1(3') and M-3(3.5') have been qualified as estimations due to poor internal standard response.

The identifications of dibenz(a,h)anthracene in M-3(3') and M-4(3.5') and di-n-butylphthalate in M-4(3.5') could not be verified, based on the mass spectra references included in the raw data. These analytes should be considered undetected in the affected samples.

Inorganics

The chromium, manganese, and selenium results obtained from this group of samples have been qualified as estimations due to low matrix spike recoveries.

Magnesium results have been qualified as estimations based on the poor precision demonstrated by laboratory split duplicate samples.

The results reported from M-1(3'), M-2(1'), and M-3(3'), including mercury and cyanide have been qualified as estimations because the samples contained more than 50% moisture.

3.2 Sample Delivery Group 5407

Test pit soil samples analyzed for VOCs, SVOCs, and Inorganics

VOCs

Acetone and methylene chloride were detected in the blanks associated with this group of samples. Based on this observation, acetone and methylene chloride concentrations below ten times the level of the contaminated blanks should be considered undetected.

The negative 1, 1, 2, 2,-tetrachloroethane result reported for every sample except TP-2(5') and the Trip Blank have been qualified as estimations due to a low internal standard response.

The identifications of 2-hexanone in TP-3(3') and 4-methyl-2-pentanone in TP-6(3') were not conclusive, based on the mass spectra references included in the raw data. Both analytes should be considered undetected in the affected samples.

SVOCs

The bis(2-ethylhexyl)phthalate result from TP-15(3'), the phenol, 4-nitrophenol and pentachlorophenol results from TP-2(5'), and the hexachlorocyclopentadiene result from every sample except TP-3(3') and TP-8(2') have been qualified as estimations due to poor calibration performance.

The benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthrecene, and benzo(g,h,i)perylene results from TP-6(3') and TP-8(2'), and benzo(b)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthrecene and benzo(g,h,i)perylene results from TP-6(3'), TP-11(3'), and TP-15(3') have been qualified as estimations due to a low internal standard response.

Identifications of several analytes detected in this group of samples could not be verified, based on the mass spectra references included in the raw data. These analytes should be considered undetected in the affected samples. The affected results are listed below:

TP-3(3')	anthracene
TP-6(3')	acenaphthylene, dibenz(a,h)anthrecene
TP-8(2')	phenol, 4-methylphenol, anthracene

TP-10(2')	napthalene, benzo(a)anthracene
TP-11(3')	acenaphthene, anthracene
TP-13(4')	benzo(g,h,i)perylene
TP-15(3')	anthracene, dibenz(a,h)anthrecene

Inorganics

The antimony and zinc results obtained from this group of samples have been qualified as estimations due to low matrix spike recoveries.

Several samples contained iron concentrations that exceeded the linear range of the laboratory's ICP. The affected iron results, and all metals with inter-element corrections based on iron should be obtained from repeated analyses. These samples were diluted and reanalyzed.

3.3 Sample Delivery Group 5409

Test pit and miscellaneous soil samples analyzed for PCBs.

PCBs

Reported data should be considered technically defensible, completely usable, and without qualifications in its present form.

3.4 Sample Delivery Groups 5315, 5327, 5346, 5375, 5389, and 5398

Test trench soil samples analyzed for VOCs, SVOCs, and inorganics.

VOCs

Acetone and methylene chloride were detected in the blanks associated with this group of samples. Based on this observation, acetone and methylene chloride concentrations below ten times the level of the contaminated blanks should be considered undetected.

Positive results reported from T-E-01(2'), T-C-01(4'), and T-C-03(3') have been qualified as estimations due to high surrogate standard recoveries.

The acetone results reported from this group of samples have been qualified as estimations due to low matrix spike recoveries.

The negative 1,1,2,2-tetrachloroethane results reported from T-G-01(6'), T-F-01(2.5'), T-A-01(4'), T-B-03(5'), T-B-01(3'), T-B-02(3'), and T-D-03(3') have been qualified as estimations due to a low internal standard response.

The results reported from T-B-01(3') and T-B-02(3') have been qualified as estimations because the samples were not properly chilled prior to arriving at the laboratory.

SVOCs

The 2-methylphenol results reported from T-I-01(7.5'), T-I-02(8'), T-I-03(1'), T-H-01(7'), T-H-02(7'), T-G-01(6'), T-G-02(3'), and T-G-0(2') have been qualified as estimations due to a large shift in calibration response.

The benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthrecene, and benzo(g,h,i)perylene results from T-A-01(4'), T-A-02(3'), T-A-03(3'), T-B-01(3'), and T-B-02(3') have been qualified as estimations due to poor internal standard performance.

The results reported from T-B-01(3') and T-B-02(3') have been qualified as estimations because the samples were not properly chilled prior to arriving at the laboratory.

The following analyte identifications could not be verified, based on the mass spectra references included in the raw data. The analytes should be considered undetected in the affected samples.

T-F-01(2.5')	anthracene, indeno(1,2,-cd)pyrene, dibenz(a,h)anthracene
T-F-03(4')	phenol
T-E-01(2')	anthracene
T-E-02(4')	dibenz(a,h)anthracene
T-E-03(2')	dibenzofuran
T-B-01(3')	anthracene
T-B-02(3')	anthracene
T-B-03(5')	dibenz(a,h)anthracene
T-D-03(3')	fluoranthene
T-C-01(4')	carbazole
T-C-02(4')	naphthalene

Inorganics

The antimony, arsenic, manganese, nickel, silver, thallium, and zinc results obtained from this group of samples have been qualified as estimations due to unacceptable matrix spike recoveries. The selenium results from every sample except T-F-02(4'), T-C-01(4'), and T-C-03(3') have been similarly qualified. The copper results from every sample except T-H-01(7') have been rejected.

The sodium and vanadium results from this group of samples have been qualified as estimations due to poor serial dilution performance.

The results reported from T-A-02(3'), T-A-03(3'), T-B-02(3'), and T-B-03(5'), including mercury and cyanide, have been qualified as estimations because the samples contained more than 50% moisture.

The cyanide results reported from T-B-01(3') and T-B-02(3') have been qualified as estimations because the samples were not properly chilled prior to arriving at the laboratory.

3.5 Sample Delivery Groups 5764 and 5765

Surficial soil samples analyzed for Inorganics.

The lead and thallium results reported from SS-30, SS-31, SS-32, SS-33, SS-34, SS-35, SS-36, SS-37, SS-38, SS-39, and SS-40; and thallium results from SS-7, SS-8, SS-9, SS-10, SS-11, and SS-12 have been qualified as estimations due to low contract required detection limit standards recoveries.

The antimony, chromium, manganese, and thallium results obtained from this group of samples have been qualified as estimations due to unacceptable matrix spike recoveries.

Poor precision was demonstrated by the chromium, iron, and nickel concentrations obtained from field spilt duplicate samples. Chromium, iron, and nickel results have been qualified as estimations.

The copper, nickel, and sodium results from this group of samples have been qualified as estimations due to poor serial dilution performance.

The results reported from SS-28, and SS-33DUP, including mercury and cyanide, have been qualified as estimations because the samples contained more than 50% moisture.

Several samples contained iron concentrations that exceeded the linear range of the laboratory's ICP. The affected iron results, and all metals with inter-element corrections based on iron should be obtained from repeated analyses. These samples were diluted and reanalyzed.

3.6 Sample Delivery Group 5768

Surficial soil samples analyzed for PCBs.

Reported data should be considered technically defensible, completely usable, and without qualifications in its present form.

3.7 Sample Delivery Group 5774

Miscellaneous soil samples analyzed for VOCs, SVOCs, and inorganics.

VOCs

The acetone concentration reported from M-6DUP has been qualified as an estimation. It is assumed to represent a laboratory or program artifact.

The negative 1,1,2,2-tetrachloroethane result reported from each program sample has been qualified as an estimation due to low internal standard response

SVOCs

The pyrene, butylbenzylphthalate, 3,3-dichlorobenzidine, benzo(a)anthracene, bis(2-ethylhexyl)phthalate, chrysene, and di-n-octylphthalate results from M-6, and the benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, dibenz(a,h)anthracene, and denzo(g,h,iperylene results from both samples have been qualified as estimations due to poor internal standard performance.

4-Chloroaniline results have been qualified as estimations due to low spiked blank recoveries.

Fluorene results have been flagged as estimations because field split duplicate samples demonstrated poor measurement precision.

Indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, and benzo(g,h,i)perylene results have been qualified due to poor calibration performance.

The identifications of dibenz(a,h)anthracene and bis(2-ethylhexyl)phthalate from both program samples could not be verified, based on the mass spectra references included in the raw data. These analytes should be considered undetected.

Inorganics

The thallium results reported from this group of samples have been qualified as estimations due to poor contract required detection limit standards performance.

A matrix spike sample, a serial dilution, and laboratory split duplicates were not analyzed with this group of samples. Although omitting any one of these checks might not necessitate data qualifications, omitting all of the site specific QC must be considered a significant breach of ASP protocol. The results reported from this group of samples have been qualified as estimations.

3.8 Sample Delivery Group 6054

First round of groundwater samples; analyzed for VOCs, SVOCs, and inorganics, PCBs, and Pesticides.

VOCs

Acetone results have been qualified as estimations due to poor calibration performance.

Acetone and bromomethane results have been qualified due to low spike sample and spike blank recoveries.

SVOCs

The bis(2-ethylhexyl)phthalate concentrations reported from this group of samples are assumed to represent laboratory or program artifacts. Bis(2-ethylhexyl)phthalate should be considered undetected in this group of samples. The positive diethylphthalate results reported from MW-1-03, MW-2-03, MW-4-03, and MW-5-03 have been flagged as estimations because the may also represent artifacts.

The 2,2'-oxybis(1-chloropropane) and 4-nitrophenol results reported from MW-2-03 and diethylphthalate results from MW-2-03 have been qualified as estimations due to poor calibration performance.

Inorganics

The aluminum, iron, lead, and zinc results reported from this group of sample have been qualified as estimations due to poor agreement between field split duplicate samples.

The field custody records and laboratory worksheets do not indicated that this group of samples was properly preserved at the time of collection. Based on this omission, the results reported from this group of samples have been qualified as estimations.

PCBs

Reported data should be considered technically defensible, completely usable, and without qualifications.

Pesticides

Reported data should be considered technically defensible, completely usable, and without qualifications.

3.9 Sample Delivery Group 7778

Second round of groundwater samples; analyzed for VOCs, SVOCs, and inorganics, PCBs, and Pesticides.

VOCs

Acetone and methylene chloride were detected in the trip blank associated with this delivery group. Based on this observation, acetone should be considered undetected in this group of samples. Methylene chloride was not detected in samples.

Trichloroethylene results have been qualified as estimations due to poor calibration response.

The bromomethane, acetone, 2-butanone, and 2-hexanone results reported from this group of samples have been qualified as estimations due to low matrix spike recoveries.

SVOCs

The 4,6-dinitro-2-methylphenol, n-nitrosodiphenylamine, 4-bromo-phenylether, hexachlorobenzene, pentachlorophenol, phenanthrene, anthracene, cabazole, di-n-butylphalate, fluoranthene, pyrene, butylbenzylphthalate, 3,3'-dichlorobenzidine, benzo(a)-phthalate, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)-pyrene, indeno(1,2,3-ce)pyrene, dibenz(a,h)anthracene, and benzo(g,h,l)perylene results reported from the initial (1:5) dilution analysis of MW-5-03 have been qualified as estimations due to poor internal standard performance.

The presence of bis(2-ethylhexyl)phthalate in MW-4-03, MW-6-04, and the field duplicate is assumed to represent a laboratory artifact and should be considered undetected in these samples.

Inorganics

The thallium results from MW-1-03 and MW-2-03, and the lead results from MW-3-04, MW-4-03, MW-6-04, and the field duplicate have been qualified as estimations due to poor CRDL performance.

PCBs

Reported data should be considered technically defensible, completely usable, and without qualifications.

Pesticides

Endosulfan II was reported as present in MW-5-03. However, the concentrations obtained from both chromatography columns differed significantly (0.010 ug/l and 0.053 ug/l). When the level of disturbance in the baselines of both columns is considered, it is felt very unlikely that this analyte is present. Endosulfan II should be interpreted as undetected in MW-5-03.

3.10 Sample Delivery Groups 9251, 9256, and 9270

Offsite soil and groundwater samples; analyzed for VOCs, SVOCs, and inorganics, and PCBs.

VOCs

Methylene chloride was detected in the blanks associated with this group of samples. Based upon this observation, methylene chloride should be considered in each program sample.

The trichloroethylene result reported from each aqueous sample has been qualified as an estimation due to poor calibration performance.

The acetone concentration reported from B-1-04 has been qualified as an estimation because the result was obtained from an analysis that was performed outside of the twelve hour window defined by the preceding BFB standard.

The acetone and 2-butanone results reported from each aqueous sample have been qualified as estimations due to low Laboratory Control Sample recoveries.

The 1,1,2,2-tetrachloroethane result reported from B-3-04 (8'-12') has been qualified as an estimation due to a low internal standard response.

The TICS reported from B-2-04 (8'-12') and Field Duplicate (B2) have been edited to provide more accurate identifications.

SVOCs

4-Chloroaniline, 3-nitroaniline, 4-nitroaniline, benzo (b) fluoranthene, benzo (k) fluoranthene, benzo (a) pyrene, indeno (1,2,3-cd) pyrene, benzo (g,h,i)perylene and hexachloropenradiene produced unacceptable spiked blank recoveries. The results reported for these analytes have been qualified as estimations in associated samples. The 3,3' dichlorobenzidine results reported from soil samples have been rejected due to an extremely low spiked blank recovery.

A TIC eluting at 3.80 minutes was removed from form 1F of B-1-04(8'-14') and B-4-04(8'-14') because a similar artifact was present in a method blank.

The presence of bis (2-ethylhexyl) phthalate in B-1-04(8'-14'), B-4-04(8'-14'), B-2-04, Field Duplicate B-2, B-3-04, and B-4-04 is assumed to represent a laboratory artifact. The reported concentrations have been flagged as estimations and should only be considered significant if consistent with site history.

Inorganics

The thallium results from B-2-04, Field Duplicate B2, B-3-04, and B-4-04 have been qualified as estimations due to poor CRDL performance.

The antimony and cyanide results reported from each soil sample , the selenium results from B-1-04, and the thallium result from each aqueous sample have been qualified as estimations due to unacceptable matrix spike recoveries.

The aluminum, copper, iron, lead, nickel, and zinc results obtained from aqueous samples, and all chromium results have been qualified as estimations due to the poor measurement precision indicated by the analysis of field split duplicate samples.

PCBs

The PCB results reported from B-1-04 and B-3-04 groundwaters have been qualified as estimations due to a low surrogate standard recovery.

3.11 Sample Delivery Group 97

Additional test pit and test trench subsurface soil samples; analyzed for VOCs and SVOCs.

VOCs

Methylene chloride was detected in the blanks associated with this group of samples. Based on this observation, the methylene chloride concentrations reported from TO-B-1, TPO-5D, and TPO-7 are assumed to represent laboratory artifacts.

The trichloroethylene results reported from this group of samples have been qualified as estimations due to poor calibration performance.

Positive analyte results reported from TO-B-1, TPO-5D, and TPO-7 have been qualified as estimations due to a low internal standard response.

The 1,1,2,2-tetrachloroethane result reported from TO-B-1 has been qualified as an estimation due to a low internal standard response.

The results reported from TPO-1 have been qualified as estimations because the sample was not associated with matrix spiked samples or a spiked blank.

The identification of toluene and ethylbenzene in TO-B-1, and xylene in TPO-7 and TPO-8 could not be confirmed, using the mass spectra references included in the raw data. These analytes should be considered undetected in the affected samples.

The Tenatively Identified Compounds reported from TO-B-1, TPO-5D, TPO-7, and TPO-8 have been edited to provide more accurate identifications.

The results reported from TO-B-1 and TPO-1 have been qualified as estimations because the samples were not maintained at the proper temperature between the time of collection and the time of laboratory receipt.

SVOCs

Four Tenatively Identified Compounds were present in the method blank associated with this group of samples. Similar artifacts were removed from the reports of TO-B-1, TPO-5, and TPO-8.

The concentration of bis(2-ethylhexyl)phthalate present in TPO-8 has been qualified as an estimation because it may represent a laboratory artifact.

Due to unacceptable spiked sample recoveries, positive benzo (a) anthracene, chrysene, benzo (b) fluoranthene, and benzo (a) pyrene results and all fluorene and 3,3'-dichlorobenzidine results have been qualified as estimations. Hexachlorocyclopentadiene, 2,4-dinitrophenol, phenanthrene, and fluoranthene results have been rejected.

Unacceptably low recoveries were reported for the chrysene-d12 and perlyene-d12 additions to TO-B-1, TPO-1, TPO-7l and TPO-8, and the perylene-d12 addition to TPO-5D. The analytes dependent upon the response of these internal standards have been qualified as estimations in the affected samples.

The results reported from TO-B-1 and TPO-1 have been qualified as estimations because the samples were not maintained at the proper temperature between the time of collection and the time of laboratory receipt.

Identifications of several analytes detected in this group of samples could not be verified, based on the mass spectra references included in the raw data. These analytes should be considered undetected in the affected samples. The affected results are listed below.

TO-B-1	benzo (a) anthracene
TPO-5	anthracene, benzo (a) anthracene
TPO-5D	anthracene, fluoranthene, benzo (a) anthracene
TPO-7	anthracene

The TICs reported from TPO-1, TPO-5, TPO-5D, TPO-7 and TPO-8 included identifications that were not conclusive, based on the library searches included in the raw data. Where necessary, Form 1F has been edited.

4.0 SITE INVESTIGATION RESULTS

4.1 Subsurface Soil Investigation Results

In an effort to further characterize the extent of impacted soil and groundwater in specific areas both on and off the subject property, and to assess the potential for off-site migration of constituents from the subject property, a series of phased subsurface investigations were completed at the site. In order to identify the subsurface presence of existing USTs, pipelines, debris, and/or general evidence of contaminant releases at the site, a series of nine test trench excavations and 20 test pit excavations were completed as part of the Site Investigation (Phase I SI). A listing of the subsurface conditions encountered within each of the completed test trench and test pit excavations is included as Figures 9 and 10.

4.1.1 Phase I Soil Investigations - Test Trenches and Test Pits

During the completion of the nine test trench and 20 test pit excavations, the soil conditions encountered were variable, but generally included 3 to 5 feet of concrete and/or urban fill (including sand, and/or silt mixed within concrete, metal, and plastic debris, crushed stone, gravel, brick, ash, cinders, and/or wood debris) overlying black, brown, or white peat/marl to a depth of approximately 10 to 12 feet below grade, underlain by a gray clay material. Groundwater was encountered at varying depths (4'-8') throughout the property. During the advancement of trenches A, C, F, and H veins of perched groundwater layers were encountered at depths ranging from 2'-3'.

A total of 27 soil samples were collected from onsite test trenches, 8 soil samples were collected from onsite test pits, and an additional 5 miscellaneous soil samples were collected from subsurface soils in the Parcel D section of the site. Note that the fifth miscellaneous sample was mistakenly labeled as M-6 (i.e. - there is no M-5 sample).

The most commonly encountered VOCs detected within site soils are acetone and 2-Butanone. Analytical results indicate that acetone is present in excess of the TAGM 4046 RSCO in 15 of the 40 soil samples, and 2-Butanone in 9 of the 40 soil samples. Benzene was observed in excess of the TAGM 4046 RSCO within one sample collected from trench C near the intersection with trench D.

The SVOCs detected in excess of the TAGM 4046 RSCO within site soils include:

- Benzo (a) Pyrene (31 Samples)
- Chrysene (27 samples)
- Benzo (a) anthrecene (26 samples)
- Phenol (9 samples)
- Benzo (b) fluoranthene (9 samples)
- Benzo (k) fluoranthene (8 samples)

- Dibenz (a,h) anthracene (8 samples)
- 4-Methylphenol (3 samples)
- 2-Methylphenol (1 sample)

SUBSURFACE SOIL SAMPLE ANALYTICAL DATA SUMMARY OF ORGANIC COMPOUNDS DETECTED IN EXCESS OF TAGM 4046 RSCO			
Sample ID	**Parameter**	**RSCO (ug/kg)**	**Detected Concentration (ug/kg)**
Test Trenches (see also Table 1)			
T-A-01(4 feet)	Benzo (a) anthracene	224	680
	Chrysene	400	810
	Benzo (a) pyrene	61	690
	Dibenz (a,h) anthracene	14	120
T-A-02 (3 feet)	Acetone	200	550
	Benzo (a) pyrene	61	210
T-B-01 (3 feet)	Benzo (a) pyrene	61	190
T-B-01 (3 feet)	Benzo (a) anthracene	224	320
	Benzo (a) pyrene	61	340
T-B-03 (5 feet)	Acetone	200	370
	Benzo (a) anthracene	224	300
	Benzo (a) pyrene	61	330
T-C-01 (4 feet)	Benzo (a) anthracene	224	1,100
	Chrysene	400	1,100
	Benzo (a) pyrene	61	940
	Dibenz (a,h) anthracene	14	170
T-C-02 (4 feet)	Acetone	200	460
	Benzene	60	230
	Benzo (a) anthracene	224	290
	Benzo (a) pyrene	61	220
T-C-03 (3 feet)	Benzo (a) anthracene	224	290
	Benzo (a) pyrene	61	240
	Dibenz (a,h) anthracene	14	48
T-D-01 (3 feet)	Acetone	200	300
	2- Butanone	300	950
	Phenol	800	1,200
	4-Methylphenol	900	1,700
	Benzo (a) anthracene	224	2,800
	Chrysene	400	3,100
	Benzo (b) fluoranthene	1,100	2,800
	Benzo (k) fluoranthene	1,100	2,500
	Benzo (a) pyrene	61	680
T-D-02 (2 feet)	Acetone	200	350
	2- Butanone	300	920
	Phenol	800	390
	Benzo (a) anthracene	224	2,800
	Chrysene	400	3,000

SUBSURFACE SOIL SAMPLE ANALYTICAL DATA SUMMARY OF ORGANIC COMPOUNDS DETECTED IN EXCESS OF TAGM 4046 RSCO			
Sample ID	**Parameter**	**RSCO (ug/kg)**	**Detected Concentration (ug/kg)**
	Benzo (b) fluoranthene	1,100	3,900
	Benzo (k) fluoranthene	1,100	3,300
	Benzo (a) pyrene	61	4,000
	Dibenz (a,h) anthracene	14	680
T-D-03 (3 feet)	Acetone	200	890
	2- Butanone	300	5,000
	Phenol	800	4,100
	4-Methylphenol	900	11,000
	Chrysene	400	1,600
T-E-01 (2 feet)	Acetone	200	240
	Benzo (a) anthracene	224	560
	Chrysene	400	700
	Benzo (a) pyrene	61	530
T-E-02 (4 feet)	Benzo (a) anthracene	224	2,200
	Chrysene	400	2,800
	Benzo (b) fluoranthene	1,100	2,400
	Benzo (k) fluoranthene	1,100	2,100
	Benzo (a) pyrene	61	2,200
T-E-03 (2 feet)	Benzo (a) anthracene	224	470
	Chrysene	400	610
	Benzo (a) pyrene	61	460
T-F-01 (2.5 feet)	Acetone	200	330
	2- Butanone	300	950
	Phenol	30	110
	Benzo (a) anthracene	224	450
	Chrysene	400	740
	Benzo (a) pyrene	61	480
T-F-02 (4 feet)	2- Butanone	300	420
	Phenol	30	110
	Benzo (a) anthracene	224	2,100
	Chrysene	400	2,300
	Benzo (b) fluoranthene	1,100	2,500
	Benzo (k) fluoranthene	1,100	1,800
	Benzo (a) pyrene	61	780
	Dibenz (a,h) anthracene	14	330
T-F-03 (4 feet)	2- Butanone	300	320
	Benzo (a) anthracene	224	930
	Chrysene	400	950
	Benzo (a) pyrene	61	880
	Dibenz (a,h) anthracene	14	150
T-G-01 (6 feet)	Acetone	200	200
T-G-02 (3 feet)	Acetone	110	330

SUBSURFACE SOIL SAMPLE ANALYTICAL DATA SUMMARY OF ORGANIC COMPOUNDS DETECTED IN EXCESS OF TAGM 4046 RSCO			
Sample ID	**Parameter**	**RSCO (ug/kg)**	**Detected Concentration (ug/kg)**
	2- Butanone	300	1,600
	Phenol	30	1,100
	Benzo (a) pyrene	61	100
T-G-03 (2 feet)	2- Butanone	300	320
	Phenol	30	480
	Benzo (a) anthracene	224	270
	Chrysene	400	430
	Benzo (b) fluoranthene	1,100	1,900
	Benzo (a) pyrene	61	490
	Dibenz (a,h) anthracene	14	160
T-H-01 (7 feet)	Acetone	200	460
	Benzo (a) anthracene	224	750
	Chrysene	400	700
	Benzo (a) pyrene	61	650
T-H-02 (7 feet)	Acetone	200	250
T-H-03 (3 feet)	Benzo (a) pyrene	61	130
T-I-01 (7.5 feet)	Benzo (a) anthracene	224	710
	Chrysene	400	720
	Benzo (a) pyrene	61	640
T-I-02 (8 feet)	Acetone	200	170
	Benzo (a) anthracene	224	680
	Chrysene	400	730
	Benzo (a) pyrene	61	600
T-I-03 (1 foot)	Benzo (a) anthracene	224	340
	Benzo (a) pyrene	61	340
Test Pits			
TP-2 (5 feet)	Benzo (a) anthracene	224	1,900
	Chrysene	400	2,300
	Benzo (a) pyrene	61	1,300
TP-3 (3 feet)	Phenol	800	300
	2-Methylphenol	100	1,300
	Benzo (a) anthracene	224	870
	Chrysene	400	940
	Benzo (a) pyrene	61	740
TP-6 (3 feet)	Phenol	800	900
	4-Methylphenol	900	1,200
	Benzo (a) anthrecene	224	4,200
	Chrysene	400	3,700
	Benzo (b) fluoranthene	1,100	4,100
	Benzo (k) fluoranthene	1,100	2,300
	Benzo (a) pyrene	61	2,800
TP-8 (2 feet)	Acetone	200	1,300

SUBSURFACE SOIL SAMPLE ANALYTICAL DATA SUMMARY OF ORGANIC COMPOUNDS DETECTED IN EXCESS OF TAGM 4046 RSCO			
Sample ID	**Parameter**	**RSCO (ug/kg)**	**Detected Concentration (ug/kg)**
	2- Butanone	300	3,400
	Benzo (a) anthrecene	224	760
	Chrysene	400	1,200
	Benzo (a) pyrene	61	750
TP-10 (2 feet)	Chrysene	400	580
	Benzo (a) pyrene	61	300
TP-11 (3 feet)	Benzo (a) anthrecene	224	540
	Chrysene	400	690
	Benzo (a) pyrene	61	630
	Dibenz (a,h) anthracene	14	120
TP-13 (4 feet)	Acetone	200	340
	Benzo (a) anthrecene	224	3,200
	Chrysene	400	3,400
	Benzo (b) fluoranthene	1,100	3,500
	Benzo (k) fluoranthene	1,100	2,700
	Benzo (a) pyrene	61	3,100
TP-15 (3 feet)	Acetone	200	1,000
	Benzo (a) anthrecene	224	340
	Benzo (a) pyrene	61	330
Miscellaneous Samples (Test Pits/Monitoring Well Boring)			
M-1 (TP-16, 3 feet)	Benzo (a) anthrecene	224	400
	Chrysene	400	480
	Benzo (a) pyrene	61	390
M-3 (TP-19, 3 feet)	Benzo (a) anthrecene	224	840
	Chrysene	400	990
	Benzo (a) pyrene	61	760
M-4 (TP-20, 3.5 feet)	Benzo (a) anthrecene	224	780
	Chrysene	400	960
	Benzo (a) pyrene	61	720
M-6 (MW-1-03)	Benzo (a) anthrecene	224	2,600
	Chrysene	400	2,600
	Benzo (b) fluoranthene	1,100	4,100
	Benzo (k) fluoranthene	1,100	1,300
	Benzo (a) pyrene	61	2,700
M-6 duplicate	Benzo (a) anthracene	224	3,400
	Chrysene	400	3,300
	Benzo (b) fluoranthene	1,100	4,400
	Benzo (k) fluoranthene	1,100	1,700
	Benzo (a) pyrene	61	3,200

Please note that matrix interference during analytical testing for volatile and semi-volatile compounds resulted in elevated detection limits for various samples. Also note that the identification of acetone

may be a result of the natural breakdown of the nearby peat layer.

Elevated metals concentrations were observed in sitewide subsurface soils (see Tables 4, 5, and 6) The metals detected in excess of the TAGM 4046 RSCO or the Eastern USA Background Concentrations within site subsurface soils include:

ANALYTICAL DATA SUMMARY OF METALS DETECTED IN EXCESS OF THE TAGM 4046 RSCO OR THE EASTERN USA BACKGROUND CONCENTRATIONS WITHIN SITE SUBSURFACE SOILS

Parameter (number of samples exceeding standards)	Detected Range (ppm)	RSCO or Eastern US Background (ppm)
Zinc (36 samples)	19.5 - 600	50
Calcium (24 samples)	1,930 – 215,000	35,000
Nickel (24 samples)	3.6 – 6,210	25
Arsenic (22 samples)	3.3 - 118	12
Mercury (17 samples)	<0.009 – 2.4	0.2
Magnesium (14 samples)	442 - 16,500	5,000
Cadmium (11 samples)	<0.043 – 5.2	1
Copper (9 samples)*	15.3 - 286	50
Lead (8 samples)	5.7 - 24,700	500
Selenium (8 samples)	<0.35 – 24.1	3.9
Barium (3 samples)	33 - 2,300	600
Chromium (1 sample)	2.5 - 210	40
Cobalt (1 sample)	<0.51 - 64.8	60
Sodium (1 sample)	67.1 - 11,700	8,000

*analytical results for copper in 24 samples collected from test trenches were rejected through data validation.

PCBs were not detected within subsurface soil samples collected from test pits nos. TP-4, TP-7, TP-13, TP-18, and TP-20 (P-1 through P-5 respectively, see Table 7).

4.1.2 Phase II Soil Investigations – Off Site Subsurface Samples

Four off-site soil borings were advanced on adjacent properties to the north, south, and west of the subject parcel. Note that off-site soil boring B-1-04 was actually advanced on the subject parcel in the immediate vicinity of the property border due to access issues with the adjacent property owner. No actual off-site investigation on the southern parcel is necessary for the following reasons:

- The only exceedences of TAGM 4046 RSCO's at B-1-04 were related to PAH
- PAH in urban fill is a characteristic of the Erie Canal corridor, which includes these properties
- The former use of the adjacent parcel is a railroad, which is assumed to exhibit PAH contamination

During the completion of the four Phase II SI (off-site) test borings, the soil conditions encountered were variable. Generally, borings B-1-04, B-2-04, and B-3-04 included 3 to 7 feet of urban fill (including asphalt, sand, glass, coal, gravel, and cinders), overlying black or brown peat/ marl to a depth of approximately 15 to 19 feet below grade, underlain by a gray clay

material. Due to pieces of wood near the peat layer wedging within the sampling tube, Boring B-4-04 exhibited poor recovery of soil, but generally included 4 feet of brown sandy clay, underlain by gray gravel to a depth of 7 feet, underlain by brown peat. A petroleum odor was observed in boring B-1-04 at a depth of 9 to 14 feet, and B-2-04 at a depth of 5.5 to 9.5 feet.

PHASE II SI (OFF-SITE) TEST BORING SOIL SAMPLE ANALYTICAL DATA SUMMARY OF ORGANIC COMPOUNDS DETECTED IN EXCESS OF TAGM 4046 RSCO

Boring	Parameter	RSCO (ug/kg)	Detected Concentration (ug/kg)
B-1-04 (8-14')	Benzo (a) anthracene	224	780
	Chrysene	400	790
	Benzo (a) pyrene	61	470
B-2-04 (8-12')	Chrysene	400	480
B-2-04 DUPE	Methylene chloride	100	670
	Benzene	60	86
	Chrysene	400	570
B-3-04 (8-12')	No exceedences	NA	NA
B-4-04 (8-14')	No exceedences	NA	NA

PCBs were detected within boring B-3-04 (8'-12') at a concentration of 0.15 ppm (see Table 9). This detection does not exceed the RSCO of 1 ppm. Boring B-3-04 (8'-12') was installed within Greenway Avenue, a roadway adjacent to the D.W. Winkelman Company property. Since there have been no prior detections of PCBs on the subject property it is not anticipated that the PCBs detected within the adjacent roadway are the due to impacts from the subject property. The D.W. Winkleman Company property is listed as a NYSDEC Inactive Hazardous Waste Site (EPA #NYD986866382) due to a PCB oil spill resulting from a leaking transformer. An interim remedial action was conducted at the site to remove the source of the contamination, however, residual PCB contamination of the soils and groundwater remains. Boring B-3-04 was advanced approximately 50 feet north east of the former transformer location.

The metals detected in excess of the TAGM 4046 RSCO or the Eastern USA Background Concentrations within off-site subsurface soils include:

ANALYTICAL DATA SUMMARY OF METALS DETECTED IN EXCESS OF THE TAGM 4046 RSCO OR THE EASTERN USA BACKGROUND CONCENTRATIONS WITHIN OFF-SITE SUBSURFACE SOILS

Parameter (number of samples exceeding standards)	Detected Range (ppm)	RSCO or Eastern US Background (ppm)
Calcium (5 samples)	44,000 – 179,000	35,000
Magnesium (4 samples)	3,590 – 72,200	5,000
Nickel (3 samples)	8.6 - 396	25
Chromium (2 samples)	5.0 - 85	40
Selenium (2 samples)	<0.44 – 6.2	3.9
Mercury (1 sample)	0.023 – 0.33	0.2
Copper (1 sample)	6.9 – 51.1	50

4.1.3 Phase III Soil Investigations - Supplemental Subsurface Soil Investigations

During the completion of the three test trenches and eight test pits advanced as part of a supplemental subsurface investigation (Phase III SI), the soil conditions encountered were variable. Test excavations were advanced in the vicinity of monitoring well MW-5-03 in attempts to delineate the source of a layer of petroleum product which was observed within the well (see Section 2.1.3). Generally, trenches TO-B and TO-C, and test pits TPO-1, TPO-2, TPO-4, TPO-6, and TPO-8 encountered a black stained peat or fill material exhibiting a petroleum odor at approximately 6' to 9.5' below ground surface. Although several of the remaining trenches/test pits exhibited a slight petroleum odor, the extensive staining observed within the above listed excavations was not observed. Soil samples collected from several excavations in the vicinity of MW-5-03 were analyzed for total petroleum hydrocarbons using NYSDOH method 310.13 and compared to a sample of the LNAPL product observed within MW-5-03. Analytical results indicated that both the MW-5-03 and the surrounding soils contain elevated levels of diesel fuel. A listing of the subsurface conditions encountered within each of the completed test trench and test pit excavations is included as Figures 12 and 13.

PHASE III (SUPPLEMENTAL) SUBSURFACE SOIL SAMPLE ANALYTICAL DATA SUMMARY OF ORGANIC COMPOUNDS DETECTED IN EXCESS OF TAGM 4046 RSCO

Trench/Test Pit	Parameter	RSCO (ug/kg)	Detected Concentration (ug/kg)
TO-B-1 (8')	Acetone	200	1,300
	2-Butanone	300	550
	Chrysene	400	1,100
	Benzo (a) pyrene	61	450
TPO-5 (9')	Acetone	200	240
	Benzo (a) pyrene	61	140
Field Dupe (TPO-5)	Acetone	200	360
	Benzo (a) pyrene	61	140
TPO-7 (6.5')	Acetone	200	480
	Benzo (a) anthracene	224	810
	Chrysene	400	940
	Benzo (a) pyrene	61	710
TPO-8 (5.5')	Benzo (a) anthracene	224	2,100
	Chrysene	400	2,000
	Benzo (b) fluoranthene	1,100	1,400
	Benzo (k) fluoranthene	1,100	1,600
	Benzo (a) pyrene	61	1,600
	Dibenz (a,h) anthracene	14	280

Please note that the high levels of diesel fuel within the collected samples may have caused matrix interference during analytical testing for volatile and semi-volatile compounds, which resulted in elevated detection limits for various samples. Also note that the identification of acetone may be a result of the natural breakdown of the nearby peat layer (see Table 11).

4.2 Surficial Soil Investigation Results

In an effort to delineate the extent of surficial metals contamination at the site, a total of 40 surficial soil samples were collected as part of surficial soil investigations. Sample collection locations were based on a modified 100 foot grid pattern (see Figure 7). Soil sample locations differed slightly from the intended 100-foot grid pattern in areas were concrete slabs or mulch piles were present at the ground surface.

4.2.1 Surficial Soil Samples

Surficial soil samples were analyzed for TAL metals, mercury, and cyanide. A total of six soil samples were also selected for PCB analysis (see Table 12).

The metals detected in excess of the TAGM 4046 RSCO or the Eastern USA Background Concentrations within site surface soils include:

ANALYTICAL DATA SUMMARY OF METALS DETECTED IN EXCESS OF THE TAGM 4046 RSCO OR THE EASTERN USA BACKGROUND CONCENTRATIONS WITHIN SITE SURFACE SOILS

Parameter (number of samples exceeding standards)	Detected Range (ppm)	RSCO or Eastern US Background (ppm)
Calcium (40 samples)	11,800 – 294,000	35,000
Magnesium (39 samples)	3,620 – 39,400	5,000
Zinc (38 samples)	24.4 - 506	50
Nickel (28 samples)	9.5 – 4,840	25
Mercury (27 samples)	0.02 – 0.98	0.2
Chromium (16 sample)	7.1 - 246	40
Copper (14 samples)	10.1 - 180	50
Arsenic (4 samples)	2.9 – 22.2	12
Cadmium (2 samples)	<0.074 – 1.3	1
Selenium (1 sample)	<0.32 – 7	3.9
Total Cyanide (N/A)*	<0.52 – 0.94	N/A*

*Neither background concentrations nor RSCOs have been established for Cyanide

PCBs were not detected within surficial soil samples collected from surficial sample locations SS-28, SS-24, SS-1, SS-7, and SS-35 (P-6 through P-10, respectively, plus P-6 duplicate).

4.3 Groundwater Investigation Results

On July 23-28, 2003, five shallow groundwater monitoring wells were installed at the subject property (MW-1-03, MW-2-03, MW-3-03, MW-4-03, and MW-5-03) in order to assess the presence of potential shallow groundwater quality impacts at the site. Monitoring well MW-2-99 was pre-existing. On April 20, 2004 two additional groundwater monitoring wells (MW-3-04 and MW-6-04) were installed to replace damaged groundwater wells MW-2-99 and MW-3-03. In general, the geologic conditions encountered were variable, but generally included 3 to 5 feet of concrete and/or urban fill overlying black, brown, or white peat or marl to a depth of approximately 10 to 12 feet below grade, underlain by a gray clay material.

Monitoring wells MW-1-03, MW-2-03, MW-3-03, MW-4-03, and MW-5-03 were developed and purged using an electric peristaltic pump on July 28-29, 2003. During well development efforts an attempt was made to reduce turbidity readings to 50NTUs. Due to the fine nature of clay soils encountered at a depth of ±10 feet, improvement of turbidity readings was generally limited to values between 111-641 NTUs.

On April 27, 2004, monitoring wells MW-3-04 and MW-6-04 were developed and purged using disposable polyethylene bailers. The wells were bailed until turbidity levels visibly stabilized.

4.3.1 Results of Round I Groundwater Quality Sampling and Analysis

On August 4, 2003, groundwater samples were collected from monitoring wells MW-1-03, MW-2-03, MW-3-03, MW-4-03, and MW-5-03 by means of disposable polyethylene bailers for TCL volatile and semi-volatile organic compound analysis and TAL metals analysis, PCBs, and pesticides in accordance with NYSDEC Analytical Services Protocol (ASP). It was observed that MW-2-99 had been accidentally destroyed, and thus, was unavailable for sampling.

The round 1 groundwater sample analytical results are included within Table 14, 15, and 16. The presence of PCBs and pesticides was not detected within any of the groundwater samples. Laboratory analysis did not detect concentrations of VOCs and SVOCs within the groundwaters collected from monitoring well MW-3-03. As shown in the following table, only trace to low-level concentrations (below the TOGS 1.1.1 Groundwater Quality Class GA standards) of the following specific VOCs and SVOCs were detected within the groundwaters collected from the remaining four wells:

ROUND I GROUNDWATER SAMPLE ANALYTICAL DATA SUMMARY FOR VOCS AND SVOCS FOR MW-1-03, MW-2-03, MW-4-03, AND MW-5-03		
Parameter (number of samples containing contaminant)	**Detected Range (ppb)**	**TOGS 1.1.1 Class GA Groundwater Quality Standards (ppb)**
Acetone (4 samples)	2-4	50
Carbon disulfide (4 samples)	0.1 – 0.6	60
cis, 1,2-Dichloroethene (1 sample)	0.5	5
Chloroform (1 sample)	0.4	7
Bromodichloromethane (1 sample)	0.1	50
Diethyl phthalate (4 samples)	1-2	50

Please note that the identification of acetone may be a result of the natural breakdown of the nearby peat layer.

The metals detected in excess of the TOGS 1.1.1 Class GA Groundwater Quality Standards include:

ANALYTICAL DATA SUMMARY OF METALS DETECTED IN EXCESS OF TOGS 1.1.1 CLASS GA GROUNDWATER QUALITY STANDARDS IN ROUND I GROUNDWATER SAMPLES		
Parameter (number of samples exceeding standards)	**Detected Range (ppm)**	**TOGS 1.1.1 Class GA Groundwater Quality Standards (ppm)**
Sodium (5 samples)	25.7 - 337	20
Aluminum (4 samples)	0.0718 – 31.1	0.1

ANALYTICAL DATA SUMMARY OF METALS DETECTED IN EXCESS OF TOGS 1.1.1 CLASS GA GROUNDWATER QUALITY STANDARDS IN ROUND I GROUNDWATER SAMPLES		
Parameter (number of samples exceeding standards)	**Detected Range (ppm)**	**TOGS 1.1.1 Class GA Groundwater Quality Standards (ppm)**
Iron (4 samples)	0.290 – 87.9	0.3
Arsenic (3 samples)	<0.0015 – 0.0652	0.025
Manganese (2 samples)	0.0532 – 1.39	0.3
Magnesium (2 samples)	27.7 - 124	35
Vanadium (2 samples)	0.0015 – 0.0684	0.014
Antimony (1 sample)	<0.0017 – 0.0077	0.003
Chromium (1 sample)	<0.0016 – 0.324	0.05
Cobalt (1 sample)	<0.0014 – 0.0206	0.005
Copper (1 sample)	<0.00076 – 0.313	0.2
Lead (1 sample)	<0.0013 – 0.0980	0.025
Nickel (1 sample)	0.0023 – 1.48	0.1

Note that metals concentrations detected during this round of groundwater sampling may be elevated due to the high turbidity levels of the groundwater samples.

4.3.2 Results of Round II Groundwater Quality Sampling and Analysis

On April 27, 2004, groundwater samples were collected from monitoring wells MW-1-03, MW-2-03, MW-3-04, MW-4-03, MW-5-03, and MW-6-04 by means of dedicated disposable polyethylene bailers for analysis of TCL VOC and SVOC, TAL metals, PCBs, and pesticides in accordance with NYSDEC Analytical Services Protocol (ASP).

During the April 2004 groundwater monitoring event, LNAPL product was observed within MW-5-03. Product within the well was removed using a disposable polyethylene bailer prior to sampling the groundwater.

The round 2 groundwater sample analytical results are included within Tables 17, 18, and 19. Laboratory analysis did not detect concentrations of VOCs and SVOCs within the groundwaters collected from monitoring well MW-3-04. As shown in the following table, only trace to low-level concentrations (below the TOGS 1.1.1 Groundwater Quality Class GA standards) of the following specific VOCs and SVOCs were detected within the groundwaters collected from the remaining five wells:

ANALYTICAL DATA SUMMARY OF VOCS AND SVOCS OF ROUND II GROUNDWATER SAMPLES COLLECTED FROM MW-1-03, MW-2-03, MW-4-03, MW-5-03, AND MW-6-04		
Parameter (number of samples containing contaminant)	**Detected Range (ppb)**	**TOGS 1.1.1 Class GA Groundwater Quality Standards (ppb)**
Carbon disulfide (4 samples)	0.1 – 0.5	60
2-butanone (2 samples)	2-3	N/A
Cis-1,2-dichloroethene (1 sample)	0.1	5

The presence of PCBs and pesticides were not detected within the groundwater samples.

The metals detected in excess of the TOGS 1.1.1 Class GA Groundwater Quality Standards include:

ANALYTICAL DATA SUMMARY OF METALS DETECTED IN EXCESS OF TOGS 1.1.1 CLASS GA GROUNDWATER QUALITY STANDARDS IN ROUND II GROUNDWATER SAMPLES		
Parameter (number of samples exceeding standards)	**Detected Range (ppm)**	**TOGS 1.1.1 Class GA Groundwater Quality Standards (ppm)**
Sodium (6 samples)	49.4 – 705	20
Aluminum (6 samples)	0.982 – 19.3	0.1
Iron (6 samples)	2.04 – 20	0.3
Magnesium (4 samples)	26.9 – 95	35
Manganese (3 samples)	0.0568 – 1.57	0.3
Vanadium (3 samples)	0.0058 – 0.0491	0.014
Antimony (1 sample)	<0.0018 – 0.0048	0.003
Cobalt (1 sample)	<0.0016 – 0.005	0.005
Arsenic (1 sample)	<0.0019 – 0.0272	0.025
Lead (1 sample)	<0.00088 – 0.0672	0.025
Nickel (1 sample)	0.0021 – 0.588	0.1

Note that metals concentrations detected during this round of groundwater sampling may be elevated due to the high turbidity levels of the groundwater samples.

4.3.3 Results of Offsite Groundwater Quality Sampling and Analysis

On October 27 and 28, and November 1, 2004, groundwater samples were collected from the temporary monitoring wells TW-1-04 through TW-4-04 (installed within borings B-1-04 through B-4-04, respectively) by means of disposable polyethylene bailers for analysis of TCL VOCs and SVOCs plus tentatively identified compounds (TICS), TAL metals, and PCBs in accordance with NYSDEC Analytical Services Protocol (ASP).

The offsite groundwater sample analytical results are included within Tables 20, 21, and 22. Laboratory analysis did not detect concentrations of VOCs and SVOCs within the groundwaters collected from temporary well installations TW/B-2-04 and TW/B-4-04. Exceedences of the TOGS 1.1.1 Groundwater Quality Class GA standards of the following specific VOCs and SVOCs were detected within the groundwaters collected from the remaining two temporary monitoring wells (TW/B-1-04 and TW/B-3-04) as indicated in the table below.

SUMMARY OF ORGANIC COMPOUNDS DETECTED IN EXCESS OF TOGS 1.1.1 CLASS GA GROUNDWATER QUALITY STANDARDS OF GROUNDWATER SAMPLES COLLECTED FROM TEMPORARY OFF-SITE MONITORING WELLS			
Temporary Well/Boring ID	**Parameter**	**Detected Concentration (ug/kg)**	**TOGS 1.1.1 (ug/kg)**
TW/B-1-04	Acetone	120	50
	Phenol	2	1
TW/B-3-04	Vinyl chloride	520	2
	Chloroethane	32	5
	Trans 1,2-dichloroethene	290	5
	1,1-Dichloroethane	760	5
	Cis-1,2-dichloroehtene	460	5

The presence of PCBs were not detected within the offsite groundwater samples. Please note that the identification of acetone may be a result of the natural breakdown of the nearby peat layer.

The metals detected in excess of the TOGS 1.1.1 Class GA Groundwater Quality Standards in groundwater samples collected from offsite temporary monitoring wells include:

ANALYTICAL DATA SUMMARY OF METALS DETECTED IN EXCESS OF TOGS 1.1.1 CLASS GA GROUNDWATER QUALITY STANDARDS IN GROUNDWATER SAMPLES COLLECTED FROM OFFSITE TEMPORARY MONITORING WELLS

Parameter (number of samples exceeding standards)	Detected Range (ppm)	TOGS 1.1.1 (ppm)
Aluminum (5 samples)	2.39 - 521	0.1
Manganese (5 samples)	0.770 – 36.5	0.3
Iron (5 samples)	6.03 – 2,160	0.3
Lead (4 samples)	0.0061 – 1.06	0.025
Antimony (3 samples)	<0.0028 – 0.0378	0.003
Arsenic (3 samples)	<0.0023 – 0.401	0.025
Magnesium (3 samples)	22.5 – 1,020	35
Nickel (3 samples)	0.0328 – 8.90	0.1
Sodium (3 samples)	10.6 - 431	20
Vanadium (3 samples)	0.0065 – 1.31	0.014
Barium (2 samples)	0.122 – 7.94	1.0
Cadmium (2 samples)	0.0568	0.005
Chromium (2 samples)	0.0059 – 1.19	0.05
Cobalt (2 samples)	<0.0024 – 0.425	0.005
Copper (2 samples)	0.0074 – 1.84	0.2
Selenium (2 samples)	<0.0040 - 0.121	0.01
Thallium (2 samples)	<0.0058 – 0.321	0.008
Beryllium (1 sample)	<0.000040 – 0.0271	0.011

Note that metals concentrations detected during this round of groundwater sampling may be elevated due to the high turbidity levels of the groundwater samples.

5.0 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

A qualitative human health risk evaluation was completed as part of the Site Investigation. The procedure for performing the risk assessment was consistent with USEPA methodologies, and the draft NYSDOH Qualitative Human Health Exposure Assessment information provided in the draft December 2002 DER-10 Technical Guidance for Site Investigation and Remediation. The sequencing of steps was modified to streamline the process consistent with the goals of Environmental Restoration Project site investigations. This qualitative exposure assessment was completed using a three-step process, including 1) contaminant identification and selection of contaminants of concern, 2) exposure assessment to identify actual or potential human exposure pathways, and 3) exposure assessment to identify actual or potential impacts to fish and wildlife resources.

5.1 Contaminant Identification

Data from the site investigation phase was used as the basis for the exposure assessment. Sampling was conducted for surface and subsurface soil, and groundwater. There was no surface water or air sampling performed as part of the Site Investigation.

Tables 1 through 22 present the results of the Site Investigation sampling and analysis program that was conducted at the site. As shown in the following summary table, a number of organic and heavy metals were identified at concentrations above TAGM 4046 health based soil cleanup objectives or TOGS 1.1.1 groundwater quality standards/guidance values within the media collected as part of the Site Investigation.

VOCs	**Media of Detection**
Acetone	subsurface soils
2-Butanone	subsurface soils
Benzene	subsurface soils

SVOCs	**Media of Detection**
Benzo(a)anthracene	subsurface soils
Benzo(a) pyrene	subsurface soils
Benzo(b)fluoranthene	subsurface soils
Benzo(k)fluoranthene	subsurface soils
Chrysene	subsurface soils
Dibenzo(a,h)anthracene	subsurface soils
2-Methylphenol	subsurface soils
4-Methylphenol	subsurface soils
Phenol	subsurface soils
LNAPL Diesel product	shallow groundwater and subsurface soils

Metals	**Media of Detection**
Aluminum	shallow groundwater
Antimony	shallow groundwater
Arsenic	shallow groundwater, surface and subsurface soils
Barium	subsurface soils
Cadmium	surface and subsurface soils
Chromium	shallow groundwater, surface and subsurface soils

Metals	**Media of Detection**
Calcium	surface and subsurface soils
Cobalt	shallow groundwater and subsurface soils
Copper	shallow groundwater, surface and subsurface soils
Iron	shallow groundwater
Lead	shallow groundwater and subsurface soils
Magnesium	shallow groundwater, surface and subsurface soils
Manganese	shallow groundwater
Mercury	surface and subsurface soils
Nickel	shallow groundwater, surface and subsurface soils
Selenium	surface and subsurface soils

Sodium	shallow groundwater and subsurface soils
Vanadium	shallow groundwater
Zinc	surface and subsurface soils

5.2 Exposure Assessment

The qualitative exposure assessment consisted of two steps:

1. Exposure Setting Characterization – Description of the physical characteristics of the site and populations near the site. This includes information such as soil types, geologic setting, and groundwater flow.

2. Exposure Pathway Identification – Identification of potentially exposed populations and the associated exposure pathway. The exposure pathway consists of four elements:
   - The contaminant source (e.g. - previous release)
   - The transport medium (e.g. - groundwater)
   - The exposure point (e.g. - potable water supply well)
   - The exposure route (e.g. - ingestion)

Exposure Setting Characterization
The former Syracuse Rigging site is located in a primarily commercial/industrial area of the City of Syracuse. Groundwater flow at the site trends in a southerly direction. Hydraulically downgradient from the site, the land usage is vacant or industrial. A small number of residential structures are located along Kidd and Lynch Avenues, both approximately 340 feet south and southwest of the subject property, respectively. Access to the property is unrestricted, with the exception of gated entrances that control vehicular access to the central and southern portions of the site. Given the location within the City, and the fact that drinking water in the area is provided by a public water supply, groundwater use for potable water is unlikely. Current populations that could potentially be impacted by contaminants at the site are limited due to the site location. The western portion of the subject site is currently used by the City of Syracuse Department of Public Works for mulching and composting activities. DPW has recently placed asphalt over a majority of this portion of the property.

Contamination leaving the site via the municipal sewer system, if any, would enter the Onondaga County sewer system. If there were workers in the sewer system at the time that precipitation or runoff from the site was entering the sewers, exposure would be possible, although unlikely. Based on this information, human populations potentially affected would include the following:

- Trespassers – unauthorized visitors to the site
- City of Syracuse Department of Public Works employees
- Area residents – persons living on Lynch and Kidd Avenues
- Area workers – persons working on neighboring properties
- County sewer workers – exposed to contaminated runoff entering the sewers
- General public – pedestrians or vehicle passengers on the adjacent roadways
- Future on-site construction workers – workers involved in site development at the subject site (note that this assessment excludes workers performing remedial activities as part of the project)

- Future off-site construction workers – workers involved in site development on neighboring properties
- Future site tenants and customers
- Users of mulch generated by DPW operations

Human Exposure Pathway Identification

As described above, the exposure pathway identification consists of the following four steps:

1. Contaminant source – Data from the sampling and analysis program identified levels of contamination in the surface soils, subsurface soils, and to a lesser extent shallow groundwaters.
2. Transport medium – The transport media for each contaminant source is identified in the table below.
3. Exposure points – The exposure point is the point of potential human contact with the contaminated medium under reasonable current and future land uses. The exposure points for the site are shown in the table below.

HUMAN EXPOSURE PATHWAY IDENTIFICATION

Contaminant Source	Transport Medium	Exposure Point
Groundwater	Groundwater	Area residents
		Area workers
		Future on-site construction workers
		Future off-site construction workers
Surface Soil	Runoff	Trespassers
		DPW Employees
		Area workers
		County sewer workers
		Future on-site construction workers
		Future off-site construction workers
		Future site tenants and customers
		Users of mulch
	Soil Dispersion	Trespassers
		DPW Employees
		Area residents
		Area workers
		General public
		Future on-site construction workers
		Future off-site construction workers

HUMAN EXPOSURE PATHWAY IDENTIFICATION		
Contaminant Source	**Transport Medium**	**Exposure Point**
		Future site tenants and customers
		Users of mulch
Subsurface soil	Soil	Future on-site construction workers
	Soil Vapor	Trespassers
		DPW Employees
		Area residents
		Area workers
		County sewer workers
		General public
		Future on-site construction workers
		Future off-site construction workers
		Future site tenants and customers

4. Human Exposure Route – The routes of exposure for each potential exposure point identified above are discussed below:
   - Exposure of future on-site workers to site contaminants – On-site workers participating in future site development activities could be directly exposed to several contaminant sources. Future on-site workers could be exposed to site contaminants through groundwater and subsurface soils during general excavation activities, utility installation, foundation construction; contaminated stormwater runoff; and windblown dispersion of surface soil and volatile vapors. Exposure could occur via ingestion, inhalation, and/or dermal contact.
   - Exposure of potential off-site construction workers to site contaminants – Workers participating in future off-site development activities could be exposed to site contaminants through groundwater during general excavation activities, utility installation, foundation construction; contaminated stormwater runoff; and windblown dispersion of surface soil and volatile vapors. Exposure could occur via ingestion, inhalation, and/or dermal contact.
   - Exposure of DPW workers to site contaminants – DPW workers conducting mulching operations at the subject property could be directly exposed to contaminated stormwater runoff and windblown dispersion of surface soil and volatile vapors. Exposure could occur via ingestion, inhalation, and/or dermal contact.
   - Exposure of County sewer workers to contaminated runoff – Contaminated stormwater runoff and volatile vapors can enter storm sewer structures located along City Crossroads Drive. Exposure could occur via ingestion or dermal contact.
   - Exposure of site trespassers to site contaminants – Trespassers could be exposed to contaminated stormwater runoff and surficial soils and volatile vapors through windblown dispersion. Exposure could occur via ingestion, inhalation, and/or

dermal contact.

- Exposure of area residents to site contaminants – Off-site neighboring residents could be exposed to site contaminants through groundwater leaching into basements and windblown dispersion of surface soil and volatile vapors. Exposure could occur via ingestion, inhalation, and/or dermal contact.
- Exposure of area workers to site contaminants – Employees of off-site neighboring businesses could be exposed to site contaminants through groundwater leaching into basements; contaminated stormwater runoff; and windblown dispersion of surface soil and volatile vapors. Exposure could occur via ingestion, inhalation, and/or dermal contact.
- Exposure of future site tenants and customers to site contaminants – Future site tenants working or living on the subject property could be exposed to site contaminants from contaminated stormwater runoff and windblown dispersion of surface soil. Possible future construction of buildings on the subject site could expose future site tenants and customers to volatile subsurface vapors via soil vapor intrusion.
- Exposure of the general public to site contaminants – Pedestrians and vehicular traffic on neighboring roadways could be exposed to site contaminants through windblown dispersion of surface soil and volatile vapors. Exposure could occur via inhalation.
- Exposure of users of mulch to site contaminants – Users of the mulch produced by DPW operations could be exposed to site contaminants through absorption of contaminated stormwater runoff into the mulch and windblown dispersion of surface soil into the mulch. Exposure could occur via ingestion, inhalation, and/or dermal contact.

5.3 Environmental Exposure Assessment

The purpose of the environmental exposure assessment is to identify actual or potential impacts to fish and wildlife resources from site contaminants of ecological concern. The New York Natural Heritage Program databases have no records of known occurrences of rare or state-listed animals or plants, significant natural communities, or other significant habitats, on or in the immediate vicinity of the subject site.

6.0 SITE INVESTIGATION INTERPRETATIONS AND CONCLUSIONS

6.1 Surface Soil Investigation Findings

PCBs were not detected in surface soils. However, the results of analytical testing indicate that non-native surface soils throughout the subject property contain elevated concentrations of several metals.

6.2 Subsurface Soil Investigation Findings

PCBs were not detected in site subsurface soils. However, the results of subsurface soil investigations completed at the site and adjacent properties as part of the Site Investigation revealed contaminants of concern at the subject property:

PAH and Metals Contaminated Subsurface Soils – Sitewide: The results of analytical testing indicate that subsurface non-native soils throughout the subject property contain elevated levels of PAH and metals. The PAHs consistently identified in excess of TAGM standards consisted of:

- Benzo (a) anthrecene
- Benzo (a) pyrene
- Benzo (b) fluoranthene
- Benzo (k) fluoranthene
- Chrysene
- Dibenz (a,h) anthracene

Depth to native soils, which appear to be non-impacted, vary from 2 to 10 feet below grade.

Petroleum Impacted Subsurface Soils – Northwestern Portion of Site: Analytical testing and site observations indicate that subsurface non-native soils on the northwestern portion of the subject property are impacted with petroleum compounds, including limited VOCs (acetone, 2-butanone, and benzene). The identification of acetone may be a result of the natural breakdown of the nearby native peat layer, which is located up to 4 feet below grade.

Diesel Impacted Subsurface Soils – Southwestern Portion of Site: During the completion of test trenches, test pits, and test borings in the southwestern portion of the site, a petroleum (diesel) stained layer (consisting of non-native fill materials and the adjacent upper layer of peat) was observed on the southwestern portion of the site. A layer of LNAPL (diesel) within monitoring well MW-5-03 is currently being absorbed and disposed as an Interim Remedial Measure. Native peat lies approximately 8 to 10 feet below the ground surface in this portion of the property.

Off-Site Subsurface Soils: The results of analytical testing indicate that subsurface soils on neighboring properties contain elevated levels of PAH and metals, similar to those detected within on-site soils. PCBs were detected at a concentration of 0.15 ppm within soils collected from off-site boring B-3-04. This boring was placed in the vicinity of the known PCB-impacted area on the Winkleman property. Benzene and methylene chloride were detected at concentrations above applicable TAGM standards within soils collected from off-site boring B-2-04. The location of this boring borders the diesel-impacted area in the southwestern portion of the subject property.

6.3 Groundwater Investigation Findings

Analysis of groundwater samples did not reveal the presence of petroleum-related volatile organic compounds, semi-volatile organic compounds, PCBs, or pesticide concentrations above the applicable NYSDEC Class GA Groundwater Quality Standards. Furthermore, the results of groundwater sampling and analysis at installed monitoring wells revealed only limited impacts to area groundwater:

Metals Within Site and Off-Site Groundwater: Analytical results indicate that several metals exist within site and off-site groundwater in excess of the applicable TOGS Standards/Guidance Values. However, elevated turbidity levels within the groundwater samples collected from the wells, may have caused elevated metals detections within site groundwater. Area residents are provided with municipal water supply, and are unlikely to come into contact with the groundwater.

LNAPL Within MW-5-03 Groundwaters: The presence of LNAPL (diesel) was identified within monitoring well MW-5-03. The LNAPL is currently being absorbed and disposed as an IRM. During the course of the initial baildown tests and subsequent IRM, the thickness of the LNAPL layer has decreased from 0.93 to 0.10 feet.

VOCs Within Offsite Groundwaters: Analysis of the offsite groundwater sample collected from the temporary well installed within boring B-3-04 detected the following VOCs in excess of the applicable TOGS Standards/Guidance Values:

- vinyl chloride
- chloroethane
- trans-1, 2-dichloroethene
- 1,1-dichloroethene
- cis-1,2-dichloroethene

Depth-to-groundwater measurements indicate that groundwater in the vicinity of this boring flows in a south/southeast direction. Therefore, it appears that the solvent compounds detected within the groundwater sample collected from the temporary well installed within boring B-3-04 may be originating from the Winkleman property.

The concentrations of acetone and phenol detected in groundwater collected from temporary off-site well TW/B-1-04 exceed applicable TOGS Standards/Guidance Values. The identification of acetone may be a result of the natural breakdown of the nearby native peat layer.

6.4 Soil Berm Investigation Findings

The results of analytical testing performed under the direction of the NYSDEC Spills Program indicate that bermed soils generally contain elevated levels of five PAHs:

- benzo (a) anthracene
- benzo (a) pyrene
- benzo (b) fluoranthene
- benzo (k) fluoranthene
- chrysene

Since the berms were created from non-native subsurface soils excavated at the site, it is assumed that the soil berms also contain metals concentrations similar to the site background levels.

TABLES

LEGEND

	= Compound Detected
Bold	= Stated Value Accepted Without Estimation
	= Stated Value Exceeds TAGM 4046

J	= Estimated Value
U	= Not Detected Above Stated Method Detection Level
R	= Rejected Data
D	= Sample Diluted Before Analysis

SB	= Site Background
HEAST	= Refer to USEPA HEAST Dastabase
N/A	= Not Applicable
ND	= Not Detectable

*	= sum of these compound concentrations

ug/kg	= micrograms per kilogram (parts per billion, ppb)
mg/kg	= milligrams per kilogram (parts per million, ppm)
ug/l	= micrograms per liter (parts per billion, ppb)
mg/l	= milligrams per liter (parts per million, ppm)

TABLE 1:
Analytical Results
Test Trench Samples
VOCs and SVOCs

Site Investigation Report
Former Syracuse Rigging Property
NYSDEC Brownfields Project No. B-00146-7
341 Peat Street
City of Syracuse, New York

| Analyte | Test Trenches - Subsurface Soil Samples | | |

TABLE 2:
Analytical Results
Test Pit Samples
VOCs and SVOCs

Site Investigation Report
Former Syracuse Rigging Property
NYSDEC Brownfields Project No. B-00146-7
341 Peat Street
City of Syracuse, New York

Analyte	Test Pits - Subsurface Soil Samples																				TAGM 4046 Soil Cleanup Objective
	TP-2 (5')		TP-3 (3')		TP-6 (3')		TP-8 (2')		TP-10 (2')		TP-11 (3')		TP-13 (4')		TP-15 (3')						
EPA 8260B	**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**						**ug/kg**
Chloromethane	<65	U	<12	U	<7	U	<8	U	<6	U	<8	U	<9	U	<10	U					
Vinyl Chloride	<65	U	<12	U	<7	U	<8	U	<6	U	<8	U	<9	U	<10	U					200
Bromomethane	<65	U	<12	U	<7	U	<8	U	<6	U	<8	U	<9	U	<10	U					
Chloroethane	<65	U	<12	U	<7	U	<8	U	<6	U	<8	U	<9	U	<10	U					1,900
Acetone	<250	U	<81	U	190		1,300	D	<10	U	<80	U	340		1,000	D					200
1, 1-Dichloroethene	<33	U	<6	U	<3	U	<4	U	<3	U	<4	U	<4	U	<5	U					400
Methylene chloride	<70	U	<10	U	<7	U	<8	U	<6	U	<8	U	<9	U	<10	U					100
Carbon disulfide	19	J	7		2	J	7		14		5		3	J	7						2,700
trans-1,2-Dichloroethene	<33	U	<6	U	<3	U	<4	U	<3	U	<4	U	<4	U	<5	U					300
1,1-Dichloroethane	<33	U	<6	U	<3	U	<4	U	<3	U	<4	U	<4	U	<5	U					200
2-Butanone	88	J	32		240		3,400	D	7	J	13	J	100		250						300
cis-1,2-Dichloroethene	<33	U	<6	U	<3	U	<4	U	<3	U	<4	U	<4	U	<5	U					
Chloroform	<33	U	<6	U	<3	U	<4	U	<3	U	<4	U	<4	U	<5	U					300
1,2-Dichloroethane	<33	U	<6	U	<3	U	<4	U	<3	U	<4	U	<4	U	<5	U					100
1,1,1-Trichloroethane	<33	U	<6	U	<3	U	<4	U	<3	U	<4	U	<4	U	<5	U					800
Carbon tetrachloride	<33	U	<6	U	<3	U	<4	U	<3	U	<4	U	<4	U	<5	U					600
Benzene	<33	U	<6	U	<3	U	<4	U	<3	U	<4	U	<4	U	1	J					60
1,2-Dichloropropane	<33	U	<6	U	<3	U	<4	U	<3	U	<4	U	<4	U	<5	U					
Trichloroethene	<33	U	<6	U	<3	U	<4	U	<3	U	<4	U	<4	U	<5	U					700
Bromodichloromethane	<33	U	<6	U	<3	U	<4	U	<3	U	<4	U	<4	U	<5	U					
cis-1,3-Dichloropropene	<33	U	<6	U	<3	U	<4	U	<3	U	<4	U	<4	U	<5	U					
4-Methyl-2-pentanone	<65	U	<12	U	<7	U	3	J	<6	U	<8	U	<9	U	<10	U					1,000
trans-1,3-Dichloropropene	<33	U	<6	U	<3	U	<4	U	<3	U	<4	U	<4	U	<5	U					
1,1,2-Trichloroethane	<33	U	<6	U	<3	U	<4	U	<3	U	<4	U	<4	U	<5	U					
Toluene	<33	U	10		2	J	10		3		4	J	2	J	6						1,500
Dibromochloromethane	<33	U	<6	U	<3	U	<4	U	<3	U	<4	U	<4	U	<5	U					
2-Hexanone	<65	U	<10	U	1	J	6	J	<6	U	<8	U	<9	U	<10	U					
Tetrachloroethene	<33	U	<6	U	<3	U	<4	U	<3	U	<4	U	<4	U	<5	U					1,400
Chlorobenzene	<33	U	<6	U	<3	U	<4	U	<3	U	<4	U	<4	U	<5	U					1,700
Ethylbenzene	<33	U	3	J	0.8	J	2	J	3	J	2	J	<4	U	3	J					5,500
Bromoform	<33	U	<6	U	<3	U	<4	U	<3	U	<4	U	<4	U	<5	U					
Xylene (total)	9	J	22		2	J	8		18		8		2	J	10						1,200
Styrene	<33	U	<6	U	<3	U	<4	U	<3	U	<4	U	<4	U	<5	U					
1,1,2,2-Tetrachloroethane	<33	U	<6	UJ	<3	UJ	<4	UJ	<3	UJ	<4	UJ	<4	UJ	<5	UJ					600
EPA 8260B																					
bis (2-Chloroethyl) ether	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					
Phenol	<2,500	UJ	300	J	900		<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					30
2-Chlorophenol	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					800
1,3-Dichlorobenzene	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					
1,4-Dichlorobenzene	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					
1,2-Dichlorobenzene	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					
2-Methylphenol	<2,500	U	1,300	J	48	J	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					100
2,2'-oxybis (1-Chloropropane)	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					
4-Methylphenol	<2,500	U	<2,500	U	1,200		<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					900
N-Nitroso-di-n-propylamine	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					
Hexachloroethane	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					
Nitrobenzene	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					200
Isophorone	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					4,400
2-Nitrophenol	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					330
2,4-Dimethylphenol	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					
bis (2-Chloroethyl) methane	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					
2,4-Dichlorophenol	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					400
1,2,4-Trichlorobenzene	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					
Naphthalene	610	J	840	J	480		<2,700	U	<2,000	U	520	J	240	J	<670	U					13,000
4-Chloroaniline	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					220
Hexachlorobutadiene	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	UJ	<520	U	<1,200	U	<670	U					
4-Chloro-3-methylphenol	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					240
2-Methylnaphthalene	1,600	J	1,500	J	410	J	<2,700	U	560	J	1,400		160	J	<670	U					36,400
Hexachlorocyclopentadiene	<2,500	UJ	<2,500	U	<450	UJ	<2,700	U	<2,000	UJ	<520	UJ	<1,200	UJ	<670	UJ					
2,4,6-Trichlorophenol	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					
2,4,5-Trichlorophenol	<13,000	U	<12,000	U	<2,300	U	<13,000	U	<9,900	U	<2,600	U	<6,000	U	<3,300	U					100
2-Chloronaphthaline	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					
2-Nitroaniline	<13,000	U	<12,000	U	<2,300	U	<13,000	U	<9,900	U	<2,600	U	<6,000	U	<3,300	U					430
Dimethyl pthalate	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					2,000
Acenaphthylene	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	180	J	240	J	<670	U					41,000
2,6-Dinitrotoluene	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					1,000
3-Nitroaniline	<13,000	U	<12,000	U	<2,300	U	<13,000	U	<9,900	U	<2,600	U	<6,000	U	<3,300	U					500
Acenaphthene	1,400	J	<2,500	U	1,100		<2,700	U	<2,000	U	<520	U	400	J	<670	U					50,000
2,4-Dinitrophenol	<13,000	U	<12,000	U	<2,300	U	<13,000	U	<9,900	U	<2,600	U	<6,000	U	<3,300	U					200
4-Nitrophenol	<13,000	UJ	<12,000	U	<2,300	U	<13,000	U	<9,900	U	<2,600	U	<6,000	U	<3,300	U					100
Dibenzofuran	<2,500	U	260	J	950		<2,700	U	<2,000	U	210	J	290	J	<670	U					6,200
2,4-Dinitrotoluene	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					
Diethyl phtalate	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					7,100
Flourene	4,600		<2,500	U	1,200		<2,700	U	<2,000	U	180	J	580	J	<670	U					50,000
4-Chlorophenyl phenyl ether	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					
4-Nitroaniline	<13,000	U	<12,000	U	<2,300	U	<13,000	U	<9,900	U	<2,600	U	<6,000	U	<3,300	U					
4,6-Dinitro-2-methylphenol	<13,000	U	<12,000	U	<2,300	U	<13,000	U	<9,900	U	<2,600	U	<6,000	U	<3,300	U					
N-Nitrosodiphenylamine	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					
4-Bromophenyl phenyl ether	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					
Hexachlorobenzene	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	<520	U	<1,200	U	<670	U					410
Pentachlorophenol	<13,000	UJ	<12,000	U	<2,300	U	<13,000	U	<9,900	U	<2,600	U	<6,000	U	<3,300	U					1,000
Phenanthrene	<2,500	U	1,600	J	8,800	D	1,500	J	410	J	800		5,200		430	J					50,000
Anthracene	<2,500	U	<2,500	U	1,400		<2,700	U	<2,000	U	<520	U	1,200	J	<670	U					50,000
Carbazole	<2,500	U	<2,500	U	1,200		<2,700	U	<2,000	U	81	J	500	J	<670	U					
Di-n-butyl phthalate	<2,500	U	<2,500	U	<450	U	<2,700	U	<2,000	U	82	J	<1,200	U	<670	U					
Flouranthene	<2,500	U	1,400	J	7,200		1,500	J	270	J	1,000		6,900		640	J					50,000
Pyrene	5,400		1,600	J	7,300	D	2,400	J	1,100	J	1,200		6,400		690						50,000
Butyl benzyl phthalate	<2,500	U	<2,500	U	<450	UJ	<2,700	UJ	<2,000	U	<520	U	<1,200	U	<670	U					50,000
3,3'-Dichlorobenzidiene	<5,100	U	<5,000	U	<900	UJ	<5,400	UJ	<4,000	U	<1,000	U	<2,400	U	<1,300	U					
Benzo [a] anthracene	1,900	J	870	J	4,200	J	760	J	<2,000	U	540		3,200		340	J					224
Chrysene	2,300	J	940	J	3,700	J	1,200	J	580	J	690		3,400		390	J					400
bis (2-Ethylhexyl) phthalate	<2,500	U	<2,500	U	<450	UJ	<2,700	UJ	<2,000	U	<520	U	<1,200	U	120	J					50,000
Di-n-octyl phthalate	<2,500	U	<2,500	U	<450	UJ	<2,700	UJ	<2,000	U	<520	U	<1,200	U	<670	U					50,000
Benzo [b] fluoranthene	400	J	730	J	4,100	J	990	J	380	J	830	J	3,500		400	J					1,100
Benzo [k] fluoranthene	<2,500	U	550	J	2,300	J	650	J	<2,000	U	560	J	2,700		360	J					1,100
Benzo [a] pyrene	1,300	J	740	J	2,800	J	750	J	300	J	630	J	3,100		330	J					61
Indeno [1,2,3-cd] pyrene	<2,500	U	280	J	1,100	J	320	J	<2,000	U	270	J	960	J	130	J					3,200
Dibenz [a,h] anthracene	<2,500	U	<2,500	U	<450	UJ	<2,700	U	<2,000	U	120	J	<1,200	U	<670	UJ					14
Benzo [g,h,i] perylene	940	J	370	J	1,000	J	400	J	200	J	290	J	930	J	130	J					50,000

TABLE 3:
Analytical Results
Miscellaneous Samples
VOCs and SVOCs

Site Investigation Report
Former Syracuse Rigging Property
NYSDEC Brownfields Project No. B-00146-7
341 Peat Street
City of Syracuse, New York

Analyte	Miscellaneous Samples - Subsurface Soil Samples												TAGM 4046 Soil Cleanup Objective
	M-1 (3')		M-2 (1')		M-3 (3')		M-4 (3.5')		M-6		M-6 dup.		
EPA 8260B	**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**
Chloromethane	<12	U	<13	U	<17	U	<9	U	<7	U	<7	U	
Vinyl Chloride	<12	U	<13	U	<17	U	<9	U	<7	U	<7	U	200
Bromomethane	<12	U	<13	U	<17	U	<9	U	<7	U	<7	U	
Chloroethane	<12	U	<13	U	<17	U	<9	U	<7	U	<7	U	1,900
Acetone	150	J	<26	U	150	J	81	J	<14	U	6	J	200
1, 1-Dichloroethene	<6	U	<7	U	<9	U	<5	U	<4	U	<4	U	400
Methylene chloride	<10	U	<10	U	<20	U	<9	U	<7	U	<7	U	100
Carbon disulfide	<6	U	<7	U	2	J	2	J	<4	U	<4	U	2,700
trans-1,2-Dichloroethene	<6	U	<7	U	<9	U	<5	U	<4	U	<4	U	300
1,1-Dichloroethane	<6	U	<7	U	<9	U	<5	U	<4	U	<4	U	200
2-Butanone	54		6	J	59		31		<14	U	<14	U	300
cis-1,2-Dichloroethene	<6	U	<7	U	<9	U	<5	U	<4	U	<4	U	
Chloroform	<6	U	<7	U	<9	U	<5	U	<4	U	<4	U	300
1,2-Dichloroethane	<6	U	<7	U	<9	U	<5	U	<4	U	<4	U	100
1,1,1-Trichloroethane	<6	U	<7	U	<9	U	<5	U	<4	U	<4	U	800
Carbon tetrachloride	<6	U	<7	U	<9	U	<5	U	<4	U	<4	U	600
Benzene	<6	U	<7	U	<9	U	<5	U	<4	U	<4	U	60
1,2-Dichloropropane	<6	U	<7	U	<9	U	<5	U	<4	U	<4	U	
Trichloroethene	<6	U	<7	U	<9	U	<5	U	6		9		700
Bromodichloromethane	<6	U	<7	U	<9	U	<5	U	<4	U	<4	U	
cis-1,3-Dichloropropene	<6	U	<7	U	<9	U	<5	U	<4	U	<4	U	
4-Methyl-2-pentanone	<12	U	<13	U	<17	U	<9	U	<7	U	<7	U	1,000
trans-1,3-Dichloropropene	<6	U	<7	U	<9	U	<5	U	<4	U	<4	U	
1,1,2-Trichloroethane	<6	U	<7	U	<9	U	<5	U	<4	U	<4	U	
Toluene	4	J	<7	U	<9	U	1	J	<4	U	<4	U	1,500
Dibromochloromethane	<6	U	<7	U	<9	U	<5	U	<4	U	<4	U	
2-Hexanone	<12	U	<13	U	<17	U	<9	U	<7	U	<7	U	
Tetrachloroethene	<6	U	<7	U	<9	U	<5	U	<4	U	<4	U	1,400
Chlorobenzene	<6	U	<7	U	<9	U	<5	U	<4	U	<4	U	1,700
Ethylbenzene	1	J	<7	U	<9	U	<5	U	<4	U	<4	U	5,500
Bromoform	<6	U	<7	U	<9	U	<5	U	<4	U	<4	U	
Xylene (total)	4	J	<7	U	<9	U	1	J	<4	U	<4	U	1,200
Styrene	<6	U	<7	U	<9	U	<5	U	<4	U	<4	U	
1,1,2,2-Tetrachloroethane	<6	UJ	<7	UJ	<9	UJ	<5	UJ	<4	UJ	<4	UJ	600
EPA 8260B	**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**
bis (2-Chloroethyl) ether	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	
Phenol	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	30
2-Chlorophenol	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	800
1,3-Dichlorobenzene	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	
1,4-Dichlorobenzene	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	
1,2-Dichlorobenzene	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	
2-Methylphenol	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	100
2,2'-oxybis (1-Chloropropane)	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	
4-Methylphenol	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	900
N-Nitroso-di-n-propylamine	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	
Hexachloroethane	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	
Nitrobenzene	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	200
Isophorone	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	4,400
2-Nitrophenol	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	330
2,4-Dimethylphenol	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	
bis (2-Chloroethyl) methane	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	
2,4-Dichlorophenol	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	400
1,2,4-Trichlorobenzene	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	
Naphthalene	<770	U	<880	U	<1,100	U	<620	U	120	J	140	J	13,000
4-Chloroaniline	<770	U	<880	U	<1,100	U	<620	U	<480	UJ	<900	UJ	220
Hexachlorobutadiene	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	
4-Chloro-3-methylphenol	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	240
2-Methylnaphthalene	<770	U	<880	U	<1,100	U	91	J	120	J	150	J	36,400
Hexachlorocyclopentadiene	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	
2,4,6-Trichlorophenol	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	
2,4,5-Trichlorophenol	<3,900	U	<4,400	U	<5,700	U	<3,100	U	<2,400	U	<4,500	U	100
2-Chloronaphthaline	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	
2-Nitroaniline	<3,900	U	<4,400	U	<5,700	U	<3,100	U	<2,400	U	<4,500	U	430
Dimethyl pthalate	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	2,000
Acenaphthylene	<770	U	<880	U	<1,100	U	69	J	150	J	150	J	41,000
2,6-Dinitrotoluene	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	1,000
3-Nitroaniline	<3,900	U	<4,400	U	<5,700	U	<3,100	U	<2,400	U	<4,500	U	500
Acenaphthene	<770	U	<880	U	<1,100	U	<620	U	120	J	340	J	50,000
2,4-Dinitrophenol	<3,900	U	<4,400	U	<5,700	U	<3,100	U	<2,400	U	<4,500	U	200
4-Nitrophenol	<3,900	U	<4,400	U	<5,700	U	<3,100	U	<2,400	U	<4,500	U	100
Dibenzofuran	<770	U	<880	U	<1,100	U	<620	U	100	J	220	J	6,200
2,4-Dinitrotoluene	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	
Diethyl phtalate	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	7,100
Flourene	<770	U	<880	U	130	J	110	J	150	J	460	J	50,000
4-Chlorophenyl phenyl ether	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	
4-Nitroaniline	<3,900	U	<4,400	U	<5,700	U	<3,100	U	<2,400	U	<4,500	U	
4,6-Dinitro-2-methylphenol	<3,900	U	<4,400	U	<5,700	U	<3,100	U	<2,400	U	<4,500	U	
N-Nitrosodiphenylamine	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	
4-Bromophenyl phenyl ether	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	
Hexachlorobenzene	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	410
Pentachlorophenol	<3,900	U	<4,400	U	<5,700	U	<3,100	U	<2,400	U	<4,500	U	1,000
Phenanthrene	660	J	<880	U	1,200		1,100		1,800		3,800		50,000
Anthracene	120	J	<880	U	210	J	250	J	610		1,300		50,000
Carbazole	<770	U	<880	U	120	J	77	J	190	J	390	J	
Di-n-butyl phthalate	<770	U	<880	U	<1,100	U	<620	U	<480	U	<900	U	
Flouranthene	710	J	100	J	1,700		1,400		4,200		6,700		50,000
Pyrene	1,100		100	J	2,000		1,500		5,500	J	6,400		50,000
Butyl benzyl phthalate	<770	U	<880	U	<1,100	U	<620	U	100	J	<900	U	50,000
3,3'-Dichlorobenzidiene	<1,600	U	<1,800	U	<2,300	U	<1,200	U	<950	UJ	<1,800	U	
Benzo [a] anthracene	400	J	<880	U	840	J	780		2,600	J	3,400		224
Chrysene	480	J	<880	U	990	J	960		2,600	J	3,300		400
bis (2-Ethylhexyl) phthalate	<770	U	<880	U	260	J	120	J	<480	UJ	<900	U	50,000
Di-n-octyl phthalate	<770	U	<880	U	<1,100	U	<620	U	<480	UJ	<900	U	50,000
Benzo [b] fluoranthene	460	J	<880	U	820	J	900		4,100	J	4,400	J	1,100
Benzo [k] fluoranthene	420	J	<880	U	860	J	650		1,300	J	1,700	J	1,100
Benzo [a] pyrene	390	J	<880	U	760	J	720		2,700	J	3,200	J	61
Indeno [1,2,3-cd] pyrene	170	J	<880	U	260	J	250	J	1,400	J	1,600	J	3,200
Dibenz [a,h] anthracene	<770	UJ	<880	U	<1,100	UJ	<620	U	<480	UJ	<900	UJ	14
Benzo [g,h,i] perylene	180	J	<880	U	350	J	250	J	1,600	J	1,700	J	50,000

TABLE 4:
Analytical Results
Test Trench Samples
Metals

Site Investigation Report
Former Syracuse Rigging Property
NYSDEC Brownfields Project No. B-00146-7
341 Peat Street
City of Syracuse, New York

Analyte	Test Trenches - Subsurface Soil Samples																														TAGM 4046 Soil Cleanup Objective	Eastern USA/NYS Background
	T-A-01 (4')		T-A-02 (3')		T-A-03 (3')		T-B-01 (3')		T-B-02 (3')		T-B-03 (5')		T-C-01 (4')		T-C-02 (4')		T-C-03 (3')		T-D-01 (3')		T-D-02 (2')		T-D-03 (3')		T-E-01 (2')		T-E-02 (4')					
EPA 6010	**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**				**mg/kg**	**mg/kg**
Aluminum	**2990**		5,900	J	4,290	J	**2,500**		3,600	J	3,270	J	**3,830**		**2,790**		**3,710**		**2,100**		**3,600**	D	**4,190**	D	**1,350**		**3260**				SB	33,000
Antimony	4.7	J	1	J	1.8	J	5.8	J	2.6	J	2.7	J	0.26	J	<0.43	UJ	<0.27	UJ	4	J	6	DJ	0.74	UJ	0.44	J	0.71	J			SB	N/A
Arsenic	16.7	J	17.8	J	21.4	J	8.1	J	12.6	J	9.3	J	3.8	J	3.3	J	5.5	J	**10.1**		57.4	J	35.7	J	6.8	J	6.6	J			7.5 or SB	3-12
Barium	**955**		106	J	97.9	J	**126**		116	J	33.6	J	**67.1**		**146**		**244**		**2,300**	D	**1,130**		**40.7**		**74.6**		**66.7**				300 or SB	15-600
Beryllium	0.36	J	0.41	J	0.4	J	0.38	J	0.37	J	0.22	J	0.26	J	0.21	J	0.26	J	0.25	J	1.1	J	0.73	J	0.33	J	0.31	J			0.16 (HEAST) or SB	0-1.75
Cadmium	**1.9**		0.47	J	4.2	J	0.41	J	0.42	J	0.62	J	0.31	J	0.14	J	0.28	J	**3.5**		**4.5**	D	<0.13	U	<0.067	U	0.79	J			1 or SB	0.1-1
Calcium	**102,000**		20,700	J	46,100	J	**104,000**		89,100	J	12,900	J	**118,000**		**71,800**		**147,000**		**77,000**		**20,300**		**7,920**		**65,500**		**105,000**				SB	130-35,000
Chromium	**20.5**		15	J	123	J	**8.9**		12.1	J	35.8	J	**8.9**		**7**		**9.7**		**27**		**62.5**	D	**8.9**	D	**4.2**		**22**				10 or SB	1.5-40
Cobalt	4.7	J	5.9	J	5.8	J	3.7	J	5.2	J	4.4	J	4.9	J	2.8	J	4.3	J	3.9	J	**14.7**	D	**3.2**	D	0.92	J	4.6	J			30 or SB	2.5-60
Copper	**R**		**R**		**R**		**R**		**R**		**R**		**R**		**R**		**R**		**R**		**R**		**R**		**R**		**R**				25 or SB	1-50
Iron	**39,500**		17,000	J	53,300	J	**22,800**		27,000	J	30,400	J	**14,400**		**9,990**		**12,600**		**23,400**		**138,000**	D	**11,500**	D	**9,530**		**64,600**				2,000 or SB	2,000-550,000
Lead	**2,840**		132	J	510	J	**386**		252	J	68.1	J	**94.6**		**102**		**184**		**24,700**		**3,470**	D	**5.7**	D	**49**		**75.7**				SB	200-500
Magnesium	**5,300**		4,320	J	4,790	J	**3910**		5,370	J	1,580	J	**16,400**		**10,900**		**18,900**		**4,480**		**934**		**1,420**		**1,390**		**1,840**				SB	100-5,000
Manganese	321	J	250	J	251	J	159	J	237	J	185	J	361	J	231	J	329	J	212	J	626	DJ	255	DJ	108	J	933	J			SB	50-5,000
Nickel	20.8	J	164	J	619	J	13.2	J	18.6	J	365	J	14.4	J	12.8	J	17	J	25.9	J	77.9	DJ	11.1	DJ	5.6	J	29.2	J			13 or SB	0.5-25
Potassium	**684**		1,080	J	706	J	385	J	604	J	515	J	**900**		832	J	**825**		**994**		724	J	**1,150**		141	J	275	J			SB	8,500-43,000
Selenium	0.45	J	3	J	2.3	J	0.7	J	0.97	J	1.1	J	<0.32	U	**1.5**	J	<0.35	UJ	1.2	J	5	J	2.7	J	0.91	J	0.73	J			2 or SB	0.1-3.9
Silver	0.46	J	<0.34	UJ	<0.27	UJ	<0.18	UJ	<0.27	UJ	<0.26	UJ	<0.15	UJ	<0.25	UJ	<0.16	UJ	0.51	J	0.35	J	<0.22	UJ	<0.22	UJ	<0.17	UJ			SB	N/A
Sodium	398	J	172	J	121	J	282	J	362	J	340	J	788	J	391	J	704	J	1,100	J	1,680	J	11,700	J	191	J	178	J			SB	6,000-8,000
Thallium	<0.43	UJ	<0.84	UJ	<0.67	UJ	<0.44	UJ	<0.67	UJ	<0.65	UJ	<0.36	UJ	<0.62	UJ	<0.4	UJ	<0.48	UJ	2.5	UJ	1.1	UJ	<0.53	UJ	<0.43	UJ			SB	N/A
Vanadium	14.4	J	14.5	J	25.9	J	10.5	J	12.7	J	12	J	10	J	7.7	J	10.2	J	10.3	J	24.3	J	19.4	J	10.7	J	28.8	J			150 or SB	1-300
Zinc	863	DJ	213	J	1,940	DJ	120	J	72.3	J	113	J	71.7	J	61.3	J	87.3	J	1,970	DJ	5,020	DJ	24.7	DJ	36	J	156	J			20 or SB	9-50
EPA 7174	**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**				**mg/kg**	**mg/kg**
Mercury	**0.39**		0.26	J	1.7	J	<0.09	J	0.11	J	0.096	J	0.41	J	0.027	J	**0.14**		**0.99**		**0.37**		0.13	J	**0.49**		**0.16**				0.1	0.001-0.2
EPA 9014	**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**				**mg/kg**	**mg/kg**
Total Cyanide	0.56	J	0.65	J	<1.1	UJ	<0.69	UJ	0.69	J	<1.0	UJ	<0.56	U	<0.97	U	<0.62	U	<0.76	U	<0.8	U	<0.84	U	<0.83	U	0.26	J			N/A	N/A

Analyte	Test Trenches - Subsurface Soil Samples																														TAGM 4046 Soil Cleanup Objective	Eastern USA/NYS Background
	T-E-03 (2')		T-F-01 (2.5')		T-F-02 (4')		T-F-03 (4')		T-G-01 (6')		T-G-02 (3')		T-G-03 (2')		T-H-01 (7')		T-H-02 (7')		T-H-03 (3')		T-I-01 (7.5')		T-I-02 (8')		T-I-03 (1')		N/A					
EPA 6010	**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**						**mg/kg**	**mg/kg**
Aluminum	**3,410**	D	**1,310**		**3,120**		**2,080**		**3,900**	D	**4,190**	D	**5,200**		**7,370**	D	**2,140**	D	**2,470**		**4,490**		**5,100**	D	**807**								SB	33,000
Antimony	1.5	DJ	0.7	J	0.9	J	0.66	J	2.9	DJ	2.4	DJ	1.2	J	1.5	DJ	2.9	DJ	0.74	J	2.2	DJ	5.5	DJ	<0.24	UJ					SB	N/A
Arsenic	33.9	J	7	J	5.8	J	5.3	J	23.3	J	15	J	2.8	J	15.9	J	59.9	J	90.3	J	47.7	J	37.2	J	3.4	J					7.5 or SB	3-12
Barium	**124**		**33**		**55.7**		**59.5**		**57.9**		**179**		**33.6**		**64.2**		**80.9**		**191**		**43**		**51.8**		**38**						300 or SB	15-600
Beryllium	0.79	J	0.16	J	0.29	J	0.18	J	0.43	J	0.31	J	0.32	J	0.43	J	0.41	J	0.43	J	**2.1**		1.2	J	0.17	J					0.16 (HEAST) or SB	0-1.75
Cadmium	**0.94**	D	0.24	J	0.9	J	0.36	J	**2.2**	D	**1.1**	D	0.5	J	**0.85**	D	**1.8**	D	0.58	J	**0.85**	D	1.3	D	<0.043	UJ					1 or SB	0.1-1
Calcium	**20,500**		**215,000**		**142,000**		**123,000**		**16,800**		**40,300**		**1,930**		**37,100**		**22,500**		**5,420**		**7,240**		**32,800**		**35,100**						SB	130-35,000
Chromium	**20.2**	D	**7.8**		**18.1**		**10.6**		**149**	D	**31**	D	**17.1**		**49.1**	D	**57.7**	D	**9.8**		**178**		**157**	D	**2.5**						10 or SB	1.5-40
Cobalt	**8.2**	D	1.7	J	4.1	J	3.1	J	**22.6**	D	**10**	D	4.5	J	**10.5**	D	**19.9**	D	5.4	J	**64.8**	D	**23.2**	D	0.51	J					30 or SB	2.5-60
Copper	**R**		**R**		**R**		**R**		**R**		**R**		**R**		**71.3**		**R**		**R**		**R**		**R**		**R**						25 or SB	1-50
Iron	**75,100**	D	**11,600**		**45,900**		**20,000**		**152,000**	D	**92,100**	D	**46,500**		**80,500**	D	**168,000**	D	**62,100**		**47,500**		**91,400**	D	**5,030**						2,000 or SB	2,000-550,000
Lead	**1,060**	D	**171**		**104**		**190**		**118**	D	**38**	D	**271**		**86.4**	D	**36.1**		**25**		**59.5**	D	**93.5**	D	**24.4**						SB	200-500
Magnesium	**7,520**		**6,390**		**3,820**		**3,680**		**2,010**		**7,300**		**1,130**		**14,700**		**3,170**		**1,620**		**1,020**		**2,010**		**1,950**						SB	100-5,000
Manganese	446	DJ	109	J	660	J	285	J	1,210	DJ	1,030	DJ	1,160	J	624	DJ	985	DJ	272	J	171	J	505	DJ	62.5	J					SB	50-5,000
Nickel	20.4	DJ	20.8	J	21.5	J	20.2	J	6,210	DJ	271	DJ	18.7	J	255	DJ	598	DJ	34.2	J	**7,120**	D	852	DJ	3.6	J					13 or SB	0.5-25
Potassium	391	J	265	J	399	J	636	J	433	J	**906**		**1,000**		**1,350**		351	J	**877**		**540**		611	J	103	J					SB	8,500-43,000
Selenium	1.1	J	1.4	J	<0.36	U	0.41	J	3.8	J	1.2	J	0.8	J	1.8	J	9	J	4.5	J	12.4	J	4.3	J	0.53	J					2 or SB	0.1-3.9
Silver	<0.17	UJ	<0.25	UJ	<0.17	UJ	<0.18	UJ	<0.25	UJ	<0.15	UJ	<0.15	UJ	<0.21	UJ	<0.19	UJ	<0.17	UJ	<0.19	UJ	<0.23	UJ	<0.14	UJ					SB	N/A
Sodium	545	J	590	J	329	J	418	J	3,090	J	521	J	279	J	6,050	J	5,480	J	2,140	J	3,030	J	3,450	J	67.1	J					SB	6,000-8,000
Thallium	<0.85	UJ	<0.6	UJ	<0.42	UJ	<0.45	UJ	<3.0	UJ	<1.9	UJ	0.49	J	1	UJ	<2.3	UJ	<0.41	UJ	<0.48	UJ	<1.1	UJ	<0.34	UJ					SB	N/A
Vanadium	18.3	J	6.7	J	21.9	J	10.4	J	25.4	J	20.3	J	31.3	J	20.7	J	34.7	J	21.5	J	14	J	32	J	5.5	J					150 or SB	1-300
Zinc	157	DJ	111	J	169	J	95.5	J	881	DJ	55.5	DJ	33.2	J	71.3	DJ	59.5	DJ	59.2	J	613	DJ	196	DJ	19.5	J					20 or SB	9-50
EPA 7174	**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**						**mg/kg**	**mg/kg**
Mercury	**0.16**		**0.32**		**0.25**		0.09	J	0.089	J	0.091	J	<0.009	U	**0.18**		**0.15**		0.061	J	**0.22**		**0.21**		0.077	J					0.1	0.001-0.2
EPA 9014	**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**						**mg/kg**	**mg/kg**
Total Cyanide	0.26	J	<0.94	U	0.32	J	0.5	J	0.42	J	<0.59	U	<0.56	U	<0.81	U	0.32	J	<0.34	U	<0.75	U	<0.9	U	<0.54	U					N/A	N/A

BDA Project No. 02850

TABLE 5:
Analytical Results
Test Pit Samples
Metals

Site Investigation Report
Former Syracuse Rigging Property
NYSDEC Brownfields Project No. B-00146-7
341 Peat Street
City of Syracuse, New York

Analyte	Test Pits - Subsurface Soil Samples																TAGM 4046 Soil Cleanup Objective	Eastern USA/ NYS Background
	TP-2 (5')		TP-3 (3')		TP-6 (3')		TP-8 (2')		TP-10 (2')		TP-11 (3')		TP-13 (4')		TP-15 (3')			
EPA 6010	**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**	**mg/kg**
Aluminum	6,390	D	3,090		4,110	D	2,280		2,820	D	3,280		3,040		6,840		SB	33,000
Antimony	2.7	DJ	1.9	J	2.4	DJ	2.6	J	2.9	DJ	5.3	J	0.66	J	0.7	J	SB	N/A
Arsenic	118		7.8		17.7		13.8		19.6		9		7.7		17.6		7.5 or SB	3-12
Barium	28.1		37.5		253		161		40.7		140		80.4		103		300 or SB	15-600
Beryllium	1.4		0.36	J	0.7	J	0.26	J	0.28	J	0.37	J	0.2	J	0.46	J	0.16 (HEAST) or SB	0-1.75
Cadmium	5.2	D	1	J	1.1	D	0.91	J	1.4	D	0.56	J	0.24	J	0.47	J	1 or SB	0.1-1
Calcium	6,360		25,900		8,080		119,000		9,030		15,500		130,000		51,200		SB	130-35,000
Chromium	125	D	42.7		28.9	D	20.6		210	D	15.5		10.9		16.4		10 or SB	1.5-40
Cobalt	58.9	D	6.8	J	10.2	D	5.8	J	18.5	D	4.9	J	2.4	J	6.3	J	30 or SB	2.5-60
Copper	286	D	45.8		76.3	D	60.6		114	D	32.6		24.6		54.9		25 or SB	1-50
Iron	261,000	D	57,700		108,000	D	71,900		201,000	D	34,700		18,800		29,100		2,000 or SB	2,000-550,000
Lead	218	D	60.3		645	D	955		54	D	692		156		118		SB	200-500
Magnesium	442		5,910		3,250		16,500		1,180		1,570		7,880		4,840		SB	100-5,000
Manganese	791	D	831		369	D	481		885	D	545		254		250		SB	50-5,000
Nickel	5,290	D	283		103	D	15.1		2,040	D	31.2		47.9		24.5		13 or SB	0.5-25
Potassium	386	J	609	J	684		841		344	J	361	J	600	J	997	J	SB	8,500-43,000
Selenium	24.1		1.1		3.5		0.73	J	12.4		0.77	J	1		2.1		2 or SB	0.1-3.9
Silver	<0.2	U	<0.2	U	<0.18	U	<0.21	U	<0.16	U	<0.2	U	<0.23	U	<0.26	U	SB	N/A
Sodium	1,770		4,190		1,260		478		1,580		175		187		163	J	SB	6,000-8,000
Thallium	<2.4	DU	<0.48	U	<0.87	DU	<0.52	U	<1.9	DU	<0.5	U	<0.58	U	<0.65	U	SB	N/A
Vanadium	19.6		32.6		21.9		10		17.9		16.8		10.7		15.9		150 or SB	1-300
Zinc	600	DJ	110	J	201	D	211	J	89.3	DJ	283	J	76.5	J	144	J	20 or SB	9-50
EPA 7174	**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**	**mg/kg**
Mercury	0.11	J	0.096	J	0.72		2.4		0.036	J	0.29		0.13	J	0.32		0.1	0.001-0.2
EPA 9014	**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**	**mg/kg**
Total Cyanide	<0.76	U	<0.75	U	0.39	J	<0.81	U	0.35	J	<0.78	U	<0.9	U	<1.0	U	N/A	N/A

TABLE 6:
Analytical Results
Miscellaneous Samples
Metals

Site Investigation Report
Former Syracuse Rigging Property
NYSDEC Brownfields Project No. B-00146-7
341 Peat Street
City of Syracuse, New York

Analyte	Miscelaneous Samples - Subsurface Soil Samples												TAGM 4046 Soil Cleanup Objective	Eastern USA/ NYS Background
	M-1 (3')		M-2 (1')		M-3 (3')		M-4 (3.5')		M-6		M-6 Dup.			
EPA 6010	**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**	**mg/kg**
Aluminum	3,560	J	1,880	J	2,310	J	**3,590**		3,300	J	3,360	J	SB	33,000
Antimony	1.2	J	0.61	J	3.1	J	1.8	J	1.2	J	1	J	SB	N/A
Arsenic	8.6	J	7.8	J	17.4	J	**8.8**		13.4	J	13.9	J	7.5 or SB	3-12
Barium	112	J	56	J	53.1	J	**56.2**		80	J	74.8	J	300 or SB	15-600
Beryllium	0.29	J	0.14	J	0.2	J	0.22	J	0.4	J	0.4	J	0.16 (HEAST) or SB	0-1.75
Cadmium	0.43	J	<0.11	UJ	0.84	J	0.53	J	0.89	J	0.85	J	1 or SB	0.1-1
Calcium	152,000	J	148,000	J	33,200	J	**57,700**		120,000	J	108,000	J	SB	130-35,000
Chromium	36.7	J	3.3	J	121	J	61.2	J	56.1	J	69.3	J	10 or SB	1.5-40
Cobalt	5.9	J	<0.51	UJ	11.9	J	6.9	J	6.5	J	6.4	J	30 or SB	2.5-60
Copper	36.6	J	15.3	J	89.9	J	**45**		64.7	J	68	J	25 or SB	1-50
Iron	35,000	J	5,670	J	76,300	J	**44,600**		31,600	J	37,900	J	2,000 or SB	2,000-550,000
Lead	41	J	18	J	55.6	J	**37.3**		89.9	J	98.2	J	SB	200-500
Magnesium	6,810	J	2,170	J	1,140	J	4,830	J	20,000	J	15,100	J	SB	100-5,000
Manganese	299	J	154	J	437	J	360	J	362	J	398	J	SB	50-5,000
Nickel	492	J	22.6	J	1,660	J	**856**		249	J	216	J	13 or SB	0.5-25
Potassium	763	J	146	J	149	J	477	J	589	J	515	J	SB	8,500-43,000
Selenium	1.3	J	5.6	J	3.5	J	0.94	J	1.1	J	0.85	J	2 or SB	0.1-3.9
Silver	<30	UJ	<0.35	UJ	<0.46	UJ	<0.24	U	<0.16	UJ	<0.15	UJ	SB	N/A
Sodium	505	J	1,740	J	3,000	J	**561**		169	J	149	J	SB	6,000-8,000
Thallium	<0.75	UJ	<0.85	UJ	<1.1	UJ	<0.59	U	<0.57	UJ	<0.54	UJ	SB	N/A
Vanadium	10.6	J	5.1	J	9.3	J	**10.2**		14.3	J	15.2	J	150 or SB	1-300
Zinc	50.3	J	27.8	J	66	J	**74.3**		327	J	353	J	20 or SB	9-50
EPA 7174	**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**	**mg/kg**
Mercury	0.2	J	0.077	J	0.14	J	0.14	J	0.51	J	0.61	J	0.1	0.001-0.2
EPA 9014	**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**	**mg/kg**
Total Cyanide	<1.2	UJ	<1.3	UJ	<1.8	UJ	<0.93	U	0.38	J	0.4	J	N/A	N/A

Analyte	Subsurface Soil Samples (Test Pits) - PCBs										TAGM 4046 Soil Cleanup Objective
	P-1 (4')		P-2 (6')		P-3 (3')		P-4 (1')		P-5 (3.5')		
EPA 8082	**mg/Kg**		**mg/Kg**		**mg/Kg**		**mg/Kg**		**mg/Kg**		**mg/Kg**
PCB-1016	<1.0	U	<1.4	U	<0.94	U	<1.4	U	<0.94	U	10
PCB-1221	<1.0	U	<1.4	U	<0.94	U	<1.4	U	<0.94	U	10
PCB-1232	<1.0	U	<1.4	U	<0.94	U	<1.4	U	<0.94	U	10
PCB-1242	<1.0	U	<1.4	U	<0.94	U	<1.4	U	<0.94	U	10
PCB-1248	<1.0	U	<1.4	U	<0.94	U	<1.4	U	<0.94	U	10
PCB-1254	<1.0	U	<1.4	U	<0.94	U	<1.4	U	<0.94	U	10
PCB-1260	<1.0	U	<1.4	U	<0.94	U	<1.4	U	<0.94	U	10

Analyte	Offsite Samples - Subsurface Soil Samples										TAGM 4046 Soil Cleanup Objective
	B-1-04 (8'-14')		B-2-04 (8'-12')		B-2-04 DUP		B-3-04 (8'-12')		B-4-04 (8'-14')		
EPA 8260B	**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**
Chloromethane	<88	U	<140	U	<180	U	<13	U	<6	U	
Vinyl Chloride	<88	U	<140	U	<180	U	<13	U	<6	U	200
Bromomethane	<88	U	<140	U	<180	U	<13	U	<6	U	
Chloroethane	<88	U	<140	U	<180	U	<13	U	<6	U	1,900
Acetone	<180	U	<280	U	<360	U	**110**		<11	U	200
1, 1-Dichloroethene	<44	U	<70	U	<89	U	<7	U	<3	U	400
Methylene chloride	<140	U	<140	U	670	J	<24	U	<6	U	100
Carbon disulfide	<44	U	<70	U	<89	U	2	J	<3	U	2,700
trans-1,2-Dichloroethene	<44	U	<70	U	<89	U	<7	U	<3	U	300
1,1-Dichloroethane	<44	U	<70	U	<89	U	2	J	<3	U	200
2-Butanone	<180	U	<280	U	<360	U	<26	U	<11	U	300
cis-1,2-Dichloroethene	<44	U	<70	U	<89	U	2	J	<3	U	
Chloroform	<44	U	<70	U	<89	U	<7	U	<3	U	300
1,2-Dichloroethane	<44	U	<70	U	<89	U	<7	U	<3	U	100
1,1,1-Trichloroethane	<44	U	<70	U	<89	U	<7	U	<3	U	800
Carbon tetrachloride	<44	U	<70	U	<89	U	<7	U	<3	U	600
Benzene	19	J	<70	U	86	J	4	J	<3	U	60
1,2-Dichloropropane	<44	U	<70	U	<89	U	<7	U	<3	U	
Trichloroethene	<44	U	<70	U	<89	U	<7	U	<3	U	700
Bromodichloromethane	<44	U	<70	U	<89	U	<7	U	<3	U	
cis-1,3-Dichloropropene	<44	U	<70	U	<89	U	<7	U	<3	U	
4-Methyl-2-pentanone	<88	U	<140	U	<180	U	<13	U	<6	U	1,000
trans-1,3-Dichloropropene	<44	U	<70	U	<89	U	<7	U	<3	U	
1,1,2-Trichloroethane	<44	U	<70	U	<89	U	<7	U	<3	U	
Toluene	<44	U	<70	U	41	J	<7	U	<3	U	1,500
Dibromochloromethane	<44	U	<70	U	<89	U	<7	U	<3	U	
2-Hexanone	<88	U	<140	U	<180	U	<13	U	<6	U	
Tetrachloroethene	<44	U	<70	U	<89	U	<7	U	<3	U	1,400
Chlorobenzene	<44	U	<70	U	<89	U	<7	U	<3	U	1,700
Ethylbenzene	<44	U	<70	U	<89	U	<7	U	<3	U	5,500
Bromoform	<44	U	<70	U	<89	U	<7	U	<3	U	
Xylene (total)	<44	U	<70	U	<89	U	<7	U	<3	U	1,200
Styrene	<44	U	<70	U	<89	U	<7	U	<3	U	
1,1,2,2-Tetrachloroethane	<44	U	<70	U	<89	U	<7	UJ	<3	U	600
EPA 8260B	**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**
bis (2-Chloroethyl) ether	<590	U	<950	U	<1200	U	<880	U	<370	U	
Phenol	<590	U	<950	U	<1200	U	<880	U	<370	U	30
2-Chlorophenol	<590	U	<950	U	<1200	U	<880	U	<370	U	800
1,3-Dichlorobenzene	<590	U	<950	U	<1200	U	<880	U	<370	U	
1,4-Dichlorobenzene	<590	U	<950	U	<1200	U	<880	U	<370	U	
1,2-Dichlorobenzene	<590	U	<950	U	<1200	U	<880	U	<370	U	
2-Methylphenol	<590	U	<950	U	<1200	U	<880	U	<370	U	100
2,2'-oxybis (1-Chloropropane)	<590	U	<950	U	<1200	U	<880	U	<370	U	
4-Methylphenol	<590	U	<950	U	<1200	U	<880	U	<370	U	900
N-Nitroso-di-n-propylamine	<590	U	<950	U	<1200	U	<880	U	<370	U	
Hexachloroethane	<590	U	<950	U	<1200	U	<880	U	<370	U	
Nitrobenzene	<590	U	<950	U	<1200	U	<880	U	<370	U	200
Isophorone	<590	U	<950	U	<1200	U	<880	U	<370	U	4,400
2-Nitrophenol	<590	U	<950	U	<1200	U	<880	U	<370	U	330
2,4-Dimethylphenol	<590	U	<950	U	<1200	U	<880	U	<370	U	
bis (2-Chloroethyl) methane	<590	U	<950	U	<1200	U	<880	U	<370	U	
2,4-Dichlorophenol	<590	U	<950	U	<1200	U	<880	U	<370	U	400
1,2,4-Trichlorobenzene	<590	U	<950	U	<1200	U	<880	U	<370	U	
Naphthalene	150	J	<950	U	<1200	U	<880	U	<370	U	13,000
4-Chloroaniline	<590	UJ	<950	UJ	<1200	U	<880	UJ	<370	UJ	220
Hexachlorobutadiene	<590	U	<950	U	<1200	U	<880	U	<370	U	
4-Chloro-3-methylphenol	<590	U	<950	U	<1200	U	<880	U	<370	U	240
2-Methylnaphthalene	<590	U	<950	U	<1200	U	<880	U	<370	U	36,400
Hexachlorocyclopentadiene	<590	U	<950	U	<1200	UJ	<880	U	<370	U	
2,4,6-Trichlorophenol	<590	U	<950	U	<1200	U	<880	U	<370	U	
2,4,5-Trichlorophenol	<3000	U	<4800	U	<6000	U	<4400	U	<1900	U	100
2-Chloronaphthaline	<590	U	<950	U	<1200	U	<880	U	<370	U	
2-Nitroaniline	<3000	U	<4800	U	<6000	U	<4400	U	<1900	U	430
Dimethyl pthalate	<590	U	<950	U	<1200	U	<880	U	<370	U	2,000
Acenaphthylene	<590	U	<950	U	<1200	U	<880	U	<370	U	41,000
2,6-Dinitrotoluene	<590	U	<950	U	<1200	U	<880	U	<370	U	1,000
3-Nitroaniline	<3000	U	<4800	U	<6000	UJ	<4400	UJ	<1900	U	500
Acenaphthene	<590	U	<950	U	<1200	U	<880	U	<370	U	50,000
2,4-Dinitrophenol	<3000	U	<4800	U	<6000	U	<4400	U	<1900	U	200
4-Nitrophenol	<3000	U	<4800	U	<6000	U	<4400	U	<1900	U	100
Dibenzofuran	<590	U	<950	U	<1200	U	<880	U	<370	U	6,200
2,4-Dinitrotoluene	<590	U	<950	U	<1200	U	<880	U	<370	U	
Diethyl phtalate	<590	U	<950	U	<1200	U	<880	U	<370	U	7,100
Flourene	450	J	<950	U	<1200	U	<880	U	<370	U	50,000
4-Chlorophenyl phenyl ether	<590	U	<950	U	<1200	U	<880	U	<370	U	
4-Nitroaniline	<3000	U	<4800	UJ	<6000	UJ	<4400	UJ	<1900	UJ	
4,6-Dinitro-2-methylphenol	<3000	U	<4800	U	<6000	U	<4400	U	<1900	U	
N-Nitrosodiphenylamine	<590	U	<950	U	<1200	U	<880	U	<370	U	
4-Bromophenyl phenyl ether	<590	U	<950	U	<1200	U	<880	U	<370	U	
Hexachlorobenzene	<590	U	<950	U	<1200	U	<880	U	<370	U	410
Pentachlorophenol	<3000	U	<4800	U	<6000	U	<4400	U	<1900	U	1,000
Phenanthrene	**2000**		<950	U	<1200	U	<880	U	100	J	50,000
Anthracene	**620**		<950	U	<1200	U	<880	U	<370	U	50,000
Carbazole	210	J	<950	U	<1200	U	<880	U	<370	U	
Di-n-butyl phthalate	<590	U	<950	U	<1200	U	<880	U	<370	U	
Flouranthene	**2000**		<950	U	440	J	160	J	110	J	50,000
Pyrene	**1700**		<950	U	**1200**		210	J	90	J	50,000
Butyl benzyl phthalate	<590	U	<950	U	<1200	U	<880	U	<370	U	50,000
3,3'-Dichlorobenzidiene	R	R	R	R	R	R	R	R	R	R	
Benzo [a] anthracene	**780**		<950	U	<1200	U	<880	U	<370	U	224
Chrysene	**790**		480	J	570	J	<880	U	<370	U	400
bis (2-Ethylhexyl) phthalate	130	J	<950	U	<1200	U	<880	U	130	J	50,000
Di-n-octyl phthalate	<590	U	<950	U	<1200	U	<880	U	<370	U	50,000
Benzo [b] fluoranthene	450	J	<950	U	<1200	U	<880	U	44	J	1,100
Benzo [k] fluoranthene	530	J	<950	U	<1200	U	<880	U	<370	U	1,100
Benzo [a] pyrene	470	J	<950	U	<1200	U	<880	U	<370	U	61
Indeno [1,2,3-cd] pyrene	140	J	<950	U	<1200	U	<880	U	<370	U	3,200
Dibenz [a,h] anthracene	<590	U	<950	U	<1200	U	<880	U	<370	U	14
Benzo [g,h,I] perylene	120	J	<950	U	<1200	U	<880	U	<370	U	50,000

TABLE 9:
Analytical Results
Subsurface Soil Offsite Sampling
PCBs

Site Investigation Report
Former Syracuse Rigging Property
NYSDEC Brownfields Project No. B-00146-7
341 Peat Street
City of Syracuse, New York

Analyte	Offsite Samples - Subsurface Soil										TAGM 4046 Soil Cleanup Objective
	B-1-04 (8'-14')		B-2-04 (8'-12')		B-2-04 DUP		B-3-04 (8'-12')		B-4-04 (8'-14')		
EPA 8082	**mg/Kg**		**mg/Kg**		**mg/Kg**		**mg/Kg**		**mg/Kg**		**mg/Kg**
PCB-1016	<0.030	U	<0.049	U	<0.061	U	<0.045	U	<0.045	U	1
PCB-1221	<0.030	U	<0.049	U	<0.061	U	<0.045	U	<0.045	U	1
PCB-1232	<0.030	U	<0.049	U	<0.061	U	<0.045	U	<0.045	U	1
PCB-1242	<0.030	U	<0.049	U	<0.061	U	<0.045	U	<0.045	U	1
PCB-1248	<0.030	U	<0.049	U	<0.061	U	<0.045	U	<0.045	U	1
PCB-1254	<0.030	U	<0.049	U	<0.061	U	<0.045	U	<0.045	U	1
PCB-1260	<0.030	U	<0.049	U	<0.061	U	**0.15**		<0.045	U	1

TABLE 10:
Analytical Results
Subsurface Soils - Offsite Sampling
Metals

Site Investigation Report
Former Syracuse Rigging Property
NYSDEC Brownfields Project No. B-00146-7
341 Peat Street
City of Syracuse, New York

Analyte	Offsite Samples - Subsurface Soil Samples										TAGM 4046 Soil Cleanup Objective	Eastern USA/ NYS Background
	B-1-04 (8'-14')		B-2-04 (8'-12')		B-2-04 DUP		B-3-04 (8'-12')		B-4-04 (8'-14')			
EPA 6010	**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**	**mg/kg**
Aluminum	**5330**		**1440**		**1320**		**3440**		**3240**		SB	33,000
Antimony	0.90	J	0.98	J	1.8	J	<0.74	UJ	<0.31	UJ	SB	N/A
Arsenic	**8.3**		**3.5**		**5.6**		**5.6**		**2.4**		7.5 or SB	3-12
Barium	**60.6**		**49.5**		**51.1**		**64.2**		**35.9**		300 or SB	15-600
Beryllium	0.25	J	0.043	J	0.028	J	0.18	J	0.20	J	0.16 (HEAST) or SB	0-1.75
Cadmium	0.091	J	<0.11	U	<0.14	U	<0.10	U	0.29	J	1 or SB	0.1-1
Calcium	**83900**		**59000**		**58100**		**44000**		**179000**		SB	130-35,000
Chromium	85	J	15.7	J	59.3	J	5.0	J	7.2	DJ	10 or SB	1.5-40
Cobalt	7.7	J	<0.69	U	0.94	J	2.1	J	1.4	J	30 or SB	2.5-60
Copper	**51.1**		**17.1**		**29.3**		**18**		**6.9**		25 or SB	1-50
Iron	**53900**		**12200**		**26500**		**9650**		**7990**	D	2,000 or SB	2,000-550,000
Lead	**15.8**		**18.3**		**20.9**		**30.1**		**6.6**		SB	200-500
Magnesium	**13900**		**6140**		**3590**		**5260**		**72200**	D	SB	100-5,000
Manganese	**520**		**267**		**299**		**231**		**230**	D	SB	50-5,000
Nickel	**396**		**63.1**		**179**		8.6	J	**8.9**		13 or SB	0.5-25
Potassium	**1340**		329	J	239	J	530	J	**1040**		SB	8,500-43,000
Selenium	**3.6**		**5.1**		**6.2**		**2.5**		<0.44	U	2 or SB	0.1-3.9
Silver	0.52	J	<0.69	U	<0.86	U	<0.64	U	<0.27	U	SB	N/A
Sodium	**274**		73.1	J	72.8	J	**427**		**141**		SB	6,000-8,000
Thallium	**2.0**		<1.7	U	<2.1	U	<1.5	U	<0.64	U	SB	N/A
Vanadium	**17.4**		5.3	J	4.9	J	7.8	J	7.6		150 or SB	1-300
Zinc	**38.6**		**30.9**		**30.2**		**40.1**		41.7	D	20 or SB	9-50
EPA 7174	**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**	**mg/kg**
Mercury	0.042	J	0.084	J	0.076	J	0.33	J	0.023	J	0.1	0.001-0.2
EPA 9014	**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**	**mg/kg**
Total Cyanide	3.2	J	<0.72	UJ	<0.89	UJ	0.63	J	<0.56	UJ	N/A	N/A

TABLE 11:
Analytical Results
Supplemental Test Trench/Pits
VOCs and SVOCs

Site Investigation Report
Former Syracuse Rigging Property
NYSDEC Brownfields Project No. B-00146-7
341 Peat Street
City of Syracuse, New York

Analyte	Test Trenches/Pits - Subsurface Soil Samples												TAGM 4046 Soil Cleanup Objective
	TO-B-1		TPO-1		TPO-5		Field Dup. (TPO-5)		TPO-7		TPO-8		
EPA 8260B	**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**
Chloromethane	<10	UJ	<690	UJ	<57	U	<96	U	<14	U	<40	U	
Vinyl Chloride	<10	UJ	<690	UJ	<57	U	<96	U	<14	U	<40	U	200
Bromomethane	<10	UJ	<690	UJ	<57	U	<96	U	<14	U	<40	U	
Chloroethane	<10	UJ	<690	UJ	<57	U	<96	U	<14	U	<40	U	1,900
Acetone	1300	DJ	<1400	UJ	**240**		360	J	480	J	**190**		200
1, 1-Dichloroethene	<5	UJ	<350	UJ	<29	U	<48	U	<7	U	<20	U	400
Methylene chloride	<5	UJ	<690	UJ	<57	U	<48	U	<7	U	<40	U	100
Carbon disulfide	48	J	<350	UJ	<29	U	<48	U	19	J	14	J	2,700
trans-1,2-Dichloroethene	<5	UJ	<350	UJ	<29	U	<48	U	<7	U	<20	U	300
1,1-Dichloroethane	<5	UJ	<350	UJ	<29	U	<48	U	<7	U	<20	U	200
2-Butanone	550	J	<1400	UJ	110	J	210	J	240	J	53	J	300
cis-1,2-Dichloroethene	<5	UJ	<350	UJ	<29	U	<48	U	<7	U	<20	U	
Chloroform	<5	UJ	<350	UJ	<29	U	<48	U	<7	U	<20	U	300
1,2-Dichloroethane	<5	UJ	<350	UJ	<29	U	<48	U	<7	U	<20	U	100
1,1,1-Trichloroethane	<5	UJ	<350	UJ	<29	U	<48	U	<7	U	<20	U	800
Carbon tetrachloride	<5	UJ	<350	UJ	<29	U	<48	U	<7	U	<20	U	600
Benzene	2	J	<350	UJ	<29	U	<48	U	3	J	<20	U	60
1,2-Dichloropropane	<5	UJ	<350	UJ	<29	U	<48	U	<7	U	<20	U	
Trichloroethene	<5	UJ	<350	UJ	<29	UJ	<48	UJ	<7	UJ	<20	UJ	700
Bromodichloromethane	<5	UJ	<350	UJ	<29	U	<48	U	<7	U	<20	U	
cis-1,3-Dichloropropene	<5	UJ	<350	UJ	<29	U	<48	U	<7	U	<20	U	
4-Methyl-2-pentanone	<10	UJ	<690	UJ	<57	U	<96	U	<14	U	<40	U	1,000
trans-1,3-Dichloropropene	<5	UJ	<350	UJ	<29	U	<48	U	<7	U	<20	U	
1,1,2-Trichloroethane	<5	UJ	<350	UJ	<29	U	<48	U	<7	U	<20	U	
Toluene	<5	UJ	<350	UJ	<29	U	<48	U	<7	U	7	J	1,500
Dibromochloromethane	<5	UJ	<350	UJ	<29	U	<48	U	<7	U	<20	U	
2-Hexanone	<10	UJ	<690	UJ	<57	U	<96	U	<14	U	<40	U	
Tetrachloroethene	<5	UJ	<350	UJ	<29	U	<48	U	<7	U	<20	U	1,400
Chlorobenzene	<5	UJ	<350	UJ	<29	U	<48	U	<7	U	<20	U	1,700
Ethylbenzene	<5	UJ	<350	UJ	<29	U	<48	U	<7	U	<20	U	5,500
Bromoform	<5	UJ	<350	UJ	<29	U	<48	U	<7	U	<20	U	
Xylene (total)	<5	UJ	<350	UJ	<29	U	<48	U	<7	U	**8.5**		1,200
Styrene	<5	UJ	<350	UJ	<29	U	<48	U	<7	U	<20	U	
1,1,2,2-Tetrachloroethane	<5	UJ	<350	UJ	<29	U	<48	U	<7	U	<20	U	600
EPA 8270	**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**		**ug/kg**
bis (2-Chloroethyl) ether	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	
Phenol	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	30
2-Chlorophenol	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	800
1,3-Dichlorobenzene	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	
1,4-Dichlorobenzene	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	
1,2-Dichlorobenzene	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	
2-Methylphenol	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	100
2,2'-oxybis (1-Chloropropane)	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	
4-Methylphenol	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	49	J	900
N-Nitroso-di-n-propylamine	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	
Hexachloroethane	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	
Nitrobenzene	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	200
Isophorone	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	4,400
2-Nitrophenol	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	330
2,4-Dimethylphenol	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	
bis (2-Chloroethyl) methane	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	
2,4-Dichlorophenol	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	400
1,2,4-Trichlorobenzene	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	
Naphthalene	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	**1400**		13,000
4-Chloroaniline	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	220
Hexachlorobutadiene	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	
4-Chloro-3-methylphenol	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	240
2-Methylnaphthalene	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	**1,700**		36,400
Hexachlorocyclopentadiene	R	R	R	R	R	R	R	R	R	R	R	R	
2,4,6-Trichlorophenol	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	
2,4,5-Trichlorophenol	<3300	UJ	<120000	UJ	<3000	U	<3300	U	<2600	U	<2000	U	100
2-Chloronaphthaline	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	
2-Nitroaniline	<3300	UJ	<120000	UJ	<3000	U	<3300	U	<2600	U	<2000	U	430
Dimethyl pthalate	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	2,000
Acenaphthylene	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	**640**		41,000
2,6-Dinitrotoluene	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	1,000
3-Nitroaniline	<3300	UJ	<120000	UJ	<3000	U	<3300	U	<2600	U	<2000	U	500
Acenaphthene	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	**1000**		50,000
2,4-Dinitrophenol	R	R	R	R	R	R	R	R	R	R	R	R	200
4-Nitrophenol	<3300	UJ	<120000	UJ	<3000	U	<3300	U	<2600	U	<2000	U	100
Dibenzofuran	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	**1200**		6,200
2,4-Dinitrotoluene	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	
Diethyl phtalate	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	7,100
Flourene	<650	UJ	<23000	UJ	<590	UJ	<670	UJ	<530	UJ	2400	J	50,000
4-Chlorophenyl phenyl ether	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	
4-Nitroaniline	<3300	UJ	<120000	UJ	<3000	U	<3300	U	<2600	U	<2000	U	
4,6-Dinitro-2-methylphenol	<3300	UJ	<120000	UJ	<3000	U	<3300	U	<2600	U	<2000	U	
N-Nitrosodiphenylamine	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	
4-Bromophenyl phenyl ether	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	
Hexachlorobenzene	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	410
Pentachlorophenol	<3300	UJ	<120000	UJ	<3000	U	<3300	U	<2600	U	<2000	U	1,000
Phenanthrene	R	R	R	R	R	R	R	R	R	R	R	R	50,000
Anthracene	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	**1800**		50,000
Carbazole	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	**520**		
Di-n-butyl phthalate	<650	UJ	<23000	UJ	<590	U	<670	U	<530	U	<410	U	
Flouranthene	R	R	R	R	R	R	<670	U	R	R	R	R	50,000
Pyrene	2,200	J	<23000	UJ	310	J	350	J	2,500	J	6,200	J	50,000
Butyl benzyl phthalate	<650	UJ	<23000	UJ	<590	U	<670	UJ	<530	UJ	<410	UJ	50,000
3,3'-Dichlorobenzidiene	<1300	UJ	<46000	UJ	<1200	UJ	<1300	UJ	<1100	UJ	<810	UJ	
Benzo [a] anthracene	<650	UJ	<23000	UJ	<590	U	<670	UJ	810	J	2100	J	224
Chrysene	1,100	J	<23000	UJ	200	J	210	J	940	J	2000	J	400
bis (2-Ethylhexyl) phthalate	<650	UJ	<23000	UJ	<590	U	<670	UJ	<530	UJ	82	J	50,000
Di-n-octyl phthalate	<650	UJ	<23000	UJ	<590	U	<670	UJ	<530	UJ	<410	UJ	50,000
Benzo [b] fluoranthene	670	J	<23000	UJ	150	J	130	J	760	J	1400	J	1,100
Benzo [k] fluoranthene	300	J	<23000	UJ	130	J	120	J	470	J	1600	J	1,100
Benzo [a] pyrene	450	J	<23000	UJ	140	J	140	J	710	J	1600	J	61
Indeno [1,2,3-cd] pyrene	310	J	<23000	UJ	81	J	71	J	370	J	640	J	3,200
Dibenz [a,h] anthracene	<650	UJ	<23000	UJ	<590	U	<670	UJ	<530	UJ	280	J	14
Benzo [g,h,I] perylene	400	J	<23000	UJ	75	J	76	J	<470	UJ	690	J	50,000

TABLE 12:
Analytical Results
Surface Soil Samples
Metals

Site Investigation Report
Former Syracuse Rigging Property
NYSDEC Brownfields Project No. B-00146-7
341 Peat Street
City of Syracuse, New York

| Analyte | Surficial Soil Samples | | |

TABLE 13:
Analytical Results
Surface Soil Samples
PCBs

Site Investigation Report
Former Syracuse Rigging Property
NYSDEC Brownfields Project No. B-00146-7
341 Peat Street
City of Syracuse, New York

Analyte	Surficial Soil Samples - PCBs												TAGM 4046 Soil Cleanup Objective
	P-6		P-6 dup		P-7		P-8		P-9		P-10		
EPA 8082	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg
PCB-1016	<0.81	U	<0.94	U	<0.55	U	<0.66	U	<0.53	U	<0.56	U	1
PCB-1221	<0.81	U	<0.94	U	<0.55	U	<0.66	U	<0.53	U	<0.56	U	1
PCB-1232	<0.81	U	<0.94	U	<0.55	U	<0.66	U	<0.53	U	<0.56	U	1
PCB-1242	<0.81	U	<0.94	U	<0.55	U	<0.66	U	<0.53	U	<0.56	U	1
PCB-1248	<0.81	U	<0.94	U	<0.55	U	<0.66	U	<0.53	U	<0.56	U	1
PCB-1254	<0.81	U	<0.94	U	<0.55	U	<0.66	U	<0.53	U	<0.56	U	1
PCB-1260	<0.81	U	<0.94	U	<0.55	U	<0.66	U	<0.53	U	<0.56	U	1

TABLE 14:
Analytical Results
Groundwater - Round #1
VOCs and SVOCs

Site Investigation Report
Former Syracuse Rigging Property
NYSDEC Brownfields Project No. B-00146-7
341 Peat Street
City of Syracuse, New York

Analyte	Groundwater Samples												TOGS 1.1.1 Class GA Standard/Guidance Value
	MW-1-03		MW-2-03		MW-3-03		MW-4-03		MW-5-03		MW-2-03 dup		
EPA 8260B	**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**
Chloromethane	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U	
Vinyl Chloride	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U	2
Bromomethane	<1	UJ	<1	UJ	<1	UJ	<1	UJ	<1	UJ	<1	UJ	5
Chloroethane	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U	5
Acetone	2	J	2	J	<10	UJ	2	J	4	J	3	J	50
1, 1-Dichloroethene	<2	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
Methylene chloride	<2	U	<2	U	<2	U	<2	U	<2	U	<2	U	5
Carbon disulfide	0.6		0.2	J	<0.5	U	0.1	J	0.2	J	0.2	J	60
trans-1,2-Dichloroethene	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
1,1-Dichloroethane	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
2-Butanone	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	
cis-1,2-Dichloroethene	<0.5	U	<0.5	U	<0.5	U	0.5		<0.5	U	<0.5	U	5
Chloroform	<0.5	U	<0.5	U	<0.5	U	0.4	J	<0.5	U	<0.5	U	7
1,2-Dichloroethane	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	0.6
1,1,1-Trichloroethane	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
Carbon tetrachloride	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
Benzene	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	1
1,2-Dichloropropane	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	1
Trichloroethene	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
Bromodichloromethane	<0.5	U	<0.5	U	<0.5	U	0.1	J	<0.5	U	<0.5	U	50
cis-1,3-Dichloropropene	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	0.4*
4-Methyl-2-pentanone	<5	U	<5	U	<5	U	<5	U	<5	U	<5	U	
trans-1,3-Dichloropropene	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	0.4*
1,1,2-Trichloroethane	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	1
Toluene	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
Dibromochloromethane	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	50
2-Hexanone	<5	U	<5	U	<5	U	<5	U	<5	U	<5	U	50
Tetrachloroethene	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
Chlorobenzene	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
Ethylbenzene	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
Bromoform	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	50
Xylene (total)	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
Styrene	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
1,1,2,2-Tetrachloroethane	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
EPA 8270	**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**
bis (2-Chloroethyl) ether	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	1
Phenol	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	1
2-Chlorophenol	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	
1,3-Dichlorobenzene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	3
1,4-Dichlorobenzene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	3
1,2-Dichlorobenzene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	3
2-Methylphenol	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	
2,2'-oxybis (1-Chloropropane)	<10	U	<10	UJ	<10	U	<10	U	<10	U	<10	U	
4-Methylphenol	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	
N-Nitroso-di-n-propylamine	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	
Hexachloroethane	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	5
Nitrobenzene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	0.4
Isophorone	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	50
2-Nitrophenol	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	
2,4-Dimethylphenol	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	50
bis (2-Chloroethyl) methane	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	
2,4-Dichlorophenol	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	5
1,2,4-Trichlorobenzene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	5
Naphthalene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	10
4-Chloroaniline	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	5
Hexachlorobutadiene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	
4-Chloro-3-methylphenol	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	
2-Methylnaphthalene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	
Hexachlorocyclopentadiene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	5
2,4,6-Trichlorophenol	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	
2,4,5-Trichlorophenol	<50	U	<50	U	<50	U	<50	U	<50	U	<50	U	
2-Chloronaphthalene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	10
2-Nitroaniline	<50	U	<50	U	<50	U	<50	U	<50	U	<50	U	5
Dimethyl pthalate	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	50
Acenaphthylene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	
2,6-Dinitrotoluene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	5
3-Nitroaniline	<50	U	<50	U	<50	U	<50	U	<50	U	<50	U	5
Acenaphthene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	20
2,4-Dinitrophenol	<50	U	<50	U	<50	U	<50	U	<50	U	<50	U	10
4-Nitrophenol	<50	U	<50	UJ	<50	U	<50	U	<50	U	<50	U	
Dibenzofuran	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	
2,4-Dinitrotoluene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	5
Diethyl phtalate	1	J	2	J	<10	U	0.1	J	2	J	<10	UJ	50
Flourene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	50
4-Chlorophenyl phenyl ether	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	
4-Nitroaniline	<50	U	<50	U	<50	U	<50	U	<50	U	<50	U	5
4,6-Dinitro-2-methylphenol	<50	U	<50	U	<50	U	<50	U	<50	U	<50	U	
N-Nitrosodiphenylamine	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	50
4-Bromophenyl phenyl ether	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	
Hexachlorobenzene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	
Pentachlorophenol	<50	U	<50	U	<50	U	<50	U	<50	U	<50	U	
Phenanthrene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	50
Anthracene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	50
Carbazole	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	
Di-n-butyl phthalate	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	
Flouranthene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	50
Pyrene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	50
Butyl benzyl phthalate	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	50
3,3'-Dichlorobenzidiene	<20	U	<20	U	<20	U	<20	U	<20	U	<20	U	5
Benzo [a] anthracene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	0.002
Chrysene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	0.002
bis (2-Ethylhexyl) phthalate	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	5
Di-n-octyl phthalate	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	50
Benzo [b] fluoranthene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	0.002
Benzo [k] fluoranthene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	0.002
Benzo [a] pyrene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	ND
Indeno [1,2,3-cd] pyrene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	0.002
Dibenz [a,h] anthracene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	
Benzo [g,h,I] perylene	<10	U	<10	U	<10	U	<10	U	<10	U	<10	U	

TABLE 15:
Analytical Results
Groundwater - Round #1
Metals

Site Investigation Report
Former Syracuse Rigging Property
NYSDEC Brownfields Project No. B-00146-7
341 Peat Street
City of Syracuse, New York

Analyte	Groundwater Samples												TOGS 1.1.1 Class GA Standard/Guidance Value
	MW-1-03		MW-2-03		MW-3-03		MW-4-03		MW-5-03		MW-2-03 dup		
EPA 6010	**mg/l**		**mg/l**		**mg/l**		**mg/l**		**mg/l**		**mg/l**		**mg/l**
Aluminum	0.0718	J	5.89	J	1.14	J	0.631	J	31.1	J	2.94	J	0.1
Antimony	<0.0017	UJ	<0.0017	UJ	<0.0017	UJ	<0.0017	UJ	0.0077	J	<0.0017	UJ	0.003
Arsenic	0.0030	J	0.0057	J	0.0106	J	<0.0015	UJ	0.0652	J	0.0037	J	0.025
Barium	0.0698	J	0.171	J	0.0859	J	0.145	J	0.515	J	0.151	J	1.0
Beryllium	<0.000050	UJ	0.00031	J	0.00009	J	0.00005	J	0.0013	J	0.00009	J	0.011
Cadmium	<0.00035	UJ	0.0015	J	<0.00035	UJ	<0.00035	UJ	<0.00035	UJ	<0.00035	UJ	0.005
Calcium	176	J	313	J	204	J	190	J	729	J	262	J	N/A
Chromium	<0.0016	UJ	0.0162	J	0.0041	J	0.0020	J	0.324	J	0.0069	J	0.05
Cobalt	<0.0014	UJ	<0.0014	UJ	<0.0014	UJ	<0.0014	UJ	0.0206	J	<0.0014	UJ	0.005
Copper	<0.00076	UJ	0.0141	J	0.0050	J	0.0022	J	0.313	J	0.0058	J	0.2
Iron	0.290	J	12.7	J	6.35	J	1.01	J	87.9	J	5.79	J	0.3
Lead	<0.0013	UJ	0.0127	J	<0.0013	UJ	<0.0013	UJ	0.0980	J	0.0043	J	0.025
Magnesium	28.6	J	29.8	J	55.5	J	27.7	J	124	J	27.7	J	35
Manganese	0.0532	J	0.210	J	0.0604	J	0.771	J	1.39	J	0.130	J	0.3
Nickel	0.0023	J	0.0890	J	0.0059	J	0.0089	J	1.48	J	0.0482	J	0.1
Potassium	4.11	J	28.4	J	2.63	J	61.2	J	29.8	J	27.8	J	N/A
Selenium	<0.0032	UJ	<0.0032	UJ	<0.0032	UJ	<0.0032	UJ	<0.0032	UJ	<0.0032	UJ	0.01
Silver	<0.0011	UJ	<0.0011	UJ	<0.0011	UJ	<0.0011	UJ	<0.0011	UJ	<0.0011	UJ	0.05
Sodium	25.7	J	51.2	J	58.2	J	165	J	337	J	53.6	J	20
Thallium	<0.0040	UJ	<0.0040	UJ	<0.0040	UJ	<0.0040	UJ	<0.0040	UJ	<0.0040	UJ	0.008
Vanadium	0.0022	J	0.0160	J	0.0015	J	0.0030	J	0.0684	J	0.0090	J	0.014
Zinc	0.0059	J	0.0485	J	0.0090	J	0.0040	J	0.175	J	0.0186	J	N/A
EPA 7470	**mg/l**		**mg/l**		**mg/l**		**mg/l**		**mg/l**		**mg/l**		**mg/l**
Mercury	<0.000048	UJ	0.000054	J	<0.000048	UJ	<0.000048	UJ	0.00014	J	<0.000048	UJ	0.007
EPA 9014	**mg/l**		**mg/l**		**mg/l**		**mg/l**		**mg/l**		**mg/l**		**mg/l**
Total Cyanide	<0.010	UJ	<0.010	UJ	<0.010	UJ	<0.010	UJ	0.0042	J	<0.010	UJ	0.2

TABLE 16:
Analytical Results
Groundwater - Round #1
PCBs and Pesticides

Site Investigation Report
Former Syracuse Rigging Property
NYSDEC Brownfields Project No. B-00146-7
341 Peat Street
City of Syracuse, New York

Analyte	Groundwater Samples												TOGS 1.1.1 Class GA Standard/Guidance Value
	MW-1-03		MW-2-03		MW-3-03		MW-4-03		MW-5-03		MW-2-03 dup		
EPA 8082	**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**
PCB-1016	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	N/A
PCB-1221	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	N/A
PCB-1232	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	N/A
PCB-1242	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	N/A
PCB-1248	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	N/A
PCB-1254	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	N/A
PCB-1260	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	N/A
PCB TOTAL	0.0		0.0		0.0		0.0		0.0		0.0		0.09
EPA 8081	**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**
a-BHC	<0.05	U	<0.05	U	<0.05	U	<0.05	U	<0.05	U	<0.05	U	
b-BHC	<0.05	U	<0.05	U	<0.05	U	<0.05	U	<0.05	U	<0.05	U	
d-BHC	<0.05	U	<0.05	U	<0.05	U	<0.05	U	<0.05	U	<0.05	U	
Lindane	<0.05	U	<0.05	U	<0.05	U	<0.05	U	<0.05	U	<0.05	U	
Hepachlor	<0.05	U	<0.05	U	<0.05	U	<0.05	U	<0.05	U	<0.05	U	0.04
Aldrin	<0.05	U	<0.05	U	<0.05	U	<0.05	U	<0.05	U	<0.05	U	ND
Heptachlor epoxide	<0.05	U	<0.05	U	<0.05	U	<0.05	U	<0.05	U	<0.05	U	0.03
Endosulfan I	<0.05	U	<0.05	U	<0.05	U	<0.05	U	<0.05	U	<0.05	U	
Dieldrin	<0.1	U	<0.1	U	<0.1	U	<0.1	U	<0.1	U	<0.1	U	
4-4-DDE	<0.1	U	<0.1	U	<0.1	U	<0.1	U	<0.1	U	<0.1	U	0.2
Endrin	<0.1	U	<0.1	U	<0.1	U	<0.1	U	<0.1	U	<0.1	U	ND
Endosulfan II	<0.1	U	<0.1	U	<0.1	U	<0.1	U	<0.1	U	<0.1	U	
4-4-DDD	<0.1	U	<0.1	U	<0.1	U	<0.1	U	<0.1	U	<0.1	U	0.3
Endosulfan sulfate	<0.1	U	<0.1	U	<0.1	U	<0.1	U	<0.1	U	<0.1	U	
4-4-DDT	<0.1	U	<0.1	U	<0.1	U	<0.1	U	<0.1	U	<0.1	U	0.2
Methoxychlor	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	35
Endrin aldehyde	<0.1	U	<0.1	U	<0.1	U	<0.1	U	<0.1	U	<0.1	U	5
Endrin ketone	<0.1	U	<0.1	U	<0.1	U	<0.1	U	<0.1	U	<0.1	U	5
a-Chlordane	<.05	U	<.05	U	<.05	U	<.05	U	<.05	U	<.05	U	0.05
y-Chlordane	<.05	U	<.05	U	<.05	U	<.05	U	<.05	U	<.05	U	0.05
Toxaphene	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	0.06

Analyte	Groundwater Samples														TOGS 1.1.1 Class GA Standard/Guidance Value
	MW-1-03		MW-2-03		MW-3-04		MW-4-03		MW-5-03		MW-6-04		MW-2-03 dup		
EPA 8260B	**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**
Chloromethane	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U	
Vinyl Chloride	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U	2
Bromomethane	<1	UJ	<1	UJ	<1	UJ	<1	UJ	<1	UJ	<1	UJ	<1	UJ	5
Chloroethane	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U	5
Acetone	<10	UJ	<10	UJ	<10	UJ	<10	UJ	<10	UJ	<10	UJ	<10	UJ	50
1, 1-Dichloroethene	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
Methylene chloride	<2	U	<2	U	<2	U	<2	U	<2	U	<2	U	<2	U	5
Carbon disulfide	0.4	J	0.2	J	<0.5	U	0.1	J	<0.5	U	0.1	J	0.3	J	60
trans-1,2-Dichloroethene	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
1,1-Dichloroethane	<0.5	U	<0.5	UJ	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
2-Butanone	<10	UJ	<10	U	<10	UJ	2	J	3	J	<10	UJ	<10	UJ	
cis-1,2-Dichloroethene	<0.5	U	<0.5	U	<0.5	U	0.1	J	<0.5	U	<0.5	U	<0.5	U	5
Chloroform	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	7
1,2-Dichloroethane	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	0.6
1,1,1-Trichloroethane	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
Carbon tetrachloride	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
Benzene	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	1
1,2-Dichloropropane	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	1
Trichloroethene	<0.5	UJ	<0.5	UJ	<0.5	UJ	<0.5	UJ	<0.5	UJ	<0.5	UJ	<0.5	UJ	5
Bromodichloromethane	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	50
cis-1,3-Dichloropropene	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	0.4*
4-Methyl-2-pentanone	<5	U	<5	U	<5	U	<5	U	<5	U	<5	U	<5	U	
trans-1,3-Dichloropropene	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	0.4*
1,1,2-Trichloroethane	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	1
Toluene	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
Dibromochloromethane	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	50
2-Hexanone	<5	UJ	<5	UJ	<5	UJ	<5	UJ	<5	UJ	<5	UJ	<5	UJ	50
Tetrachloroethene	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
Chlorobenzene	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
Ethylbenzene	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
Bromoform	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	50
Xylene (total)	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
Styrene	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
1,1,2,2-Tetrachloroethane	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5
EPA 8270	**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**
bis (2-Chloroethyl) ether	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	1
Phenol	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	1
2-Chlorophenol	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	
1,3-Dichlorobenzene	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	3
1,4-Dichlorobenzene	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	3
1,2-Dichlorobenzene	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	3
2-Methylphenol	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	
2,2'-oxybis (1-Chloropropane)	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	
4-Methylphenol	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	
N-Nitroso-di-n-propylamine	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	
Hexachloroethane	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	5
Nitrobenzene	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	0.4
Isophorone	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	50
2-Nitrophenol	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	
2,4-Dimethylphenol	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	50
bis (2-Chloroethyl) methane	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	
2,4-Dichlorophenol	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	5
1,2,4-Trichlorobenzene	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	5
Naphthalene	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	10
4-Chloroaniline	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	5
Hexachlorobutadiene	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	
4-Chloro-3-methylphenol	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	
2-Methylnaphthalene	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	
Hexachlorocyclopentadiene	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	5
2,4,6-Trichlorophenol	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	
2,4,5-Trichlorophenol	<50	U	<50	U	<50	U	<50	U	<250	U	<50	U	<50	U	
2-Chloronaphthalene	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	10
2-Nitroaniline	<50	U	<50	U	<50	U	<50	U	<250	U	<50	U	<50	U	5
Dimethyl pthalate	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	50
Acenaphthylene	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	
2,6-Dinitrotoluene	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	5
3-Nitroaniline	<50	U	<50	U	<50	U	<50	U	<250	U	<50	U	<50	U	5
Acenaphthene	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	20
2,4-Dinitrophenol	<50	U	<50	U	<50	U	<50	U	<250	U	<50	U	<50	U	10
4-Nitrophenol	<50	U	<50	U	<50	U	<50	U	<250	U	<50	U	<50	U	
Dibenzofuran	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	
2,4-Dinitrotoluene	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	5
Diethyl phtalate	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	50
Flourene	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	50
4-Chlorophenyl phenyl ether	<10	U	<10	U	<10	U	<10	U	<50	U	<10	U	<10	U	
4-Nitroaniline	<50	U	<50	U	<50	U	<50	U	<250	U	<50	U	<50	U	5
4,6-Dinitro-2-methylphenol	<50	U	<50	U	<50	U	<50	U	<250	UJ	<50	U	<50	U	
N-Nitrosodiphenylamine	<10	U	<10	U	<10	U	<10	U	<50	UJ	<10	U	<10	U	50
4-Bromophenyl phenyl ether	<10	U	<10	U	<10	U	<10	U	<50	UJ	<10	U	<10	U	
Hexachlorobenzene	<10	U	<10	U	<10	U	<10	U	<50	UJ	<10	U	<10	U	
Pentachlorophenol	<50	U	<50	U	<50	U	<50	U	<250	UJ	<50	U	<50	U	
Phenanthrene	<10	U	<10	U	<10	U	<10	U	<50	UJ	<10	U	<10	U	50
Anthracene	<10	U	<10	U	<10	U	<10	U	<50	UJ	<10	U	<10	U	50
Carbazole	<10	U	<10	U	<10	U	<10	U	<50	UJ	<10	U	<10	U	
Di-n-butyl phthalate	<10	U	<10	U	<10	U	<10	U	<50	UJ	<10	U	<10	U	
Flouranthene	<10	U	<10	U	<10	U	<10	U	<50	UJ	<10	U	<10	U	50
Pyrene	<10	U	<10	U	<10	U	<10	U	<50	UJ	<10	U	<10	U	50
Butyl benzyl phthalate	<10	U	<10	U	<10	U	<10	U	<50	UJ	<10	U	<10	U	50
3,3'-Dichlorobenzidiene	<20	U	<20	U	<20	U	<20	U	<100	UJ	<20	U	<20	U	5
Benzo [a] anthracene	<10	U	<10	U	<10	U	<10	U	<50	UJ	<10	U	<10	U	0.002
Chrysene	<10	U	<10	U	<10	U	<10	U	<50	UJ	<10	U	<10	U	0.002
bis (2-Ethylhexyl) phthalate	<10	U	<10	U	<10	U	<10	U	<50	UJ	<10	U	<10	U	5
Di-n-octyl phthalate	<10	U	<10	U	<10	U	<10	U	<50	UJ	<10	U	<10	U	50
Benzo [b] fluoranthene	<10	U	<10	U	<10	U	<10	U	<50	UJ	<10	U	<10	U	0.002
Benzo [k] fluoranthene	<10	U	<10	U	<10	U	<10	U	<50	UJ	<10	U	<10	U	0.002
Benzo [a] pyrene	<10	U	<10	U	<10	U	<10	U	<50	UJ	<10	U	<10	U	ND
Indeno [1,2,3-cd] pyrene	<10	U	<10	U	<10	U	<10	U	<50	UJ	<10	U	<10	U	0.002
Dibenz [a,h] anthracene	<10	U	<10	U	<10	U	<10	U	<50	UJ	<10	U	<10	U	
Benzo [g,h,i] perylene	<10	U	<10	U	<10	U	<10	U	<50	UJ	<10	U	<10	U	

TABLE 18:
Analytical Results
Groundwater - Round #2
Metals

Site Investigation Report
Former Syracuse Rigging Property
NYSDEC Brownfields Project No. B-00146-7
341 Peat Street
City of Syracuse, New York

Analyte	Groundwater Samples														TOGS 1.1.1 Class GA Standard/Guidance Value
	MW-1-03		MW-2-03		MW-3-04		MW-4-03		MW-5-03		MW-6-04		MW-2-03 dup		
EPA 6010	**mg/l**		**mg/l**		**mg/l**		**mg/l**		**mg/l**		**mg/l**		**mg/l**		**mg/l**
Aluminum	**0.982**		**2.49**		**8.19**		**7.17**		**19.3**		**3.28**		**5.56**		0.1
Antimony	<0.0018	U	0.0023	J	<0.0018	U	0.0023	J	0.0048	J	<0.0018	U	0.0018	J	0.003
Arsenic	<0.0019	U	0.0090	J	**0.0102**		**0.0125**		**0.0272**		0.0027	J	0.0094	J	0.025
Barium	0.0373	J	**0.119**		**0.217**		**0.151**		**0.362**		**0.200**		**0.143**		1.0
Beryllium	<0.000053	U	0.00011	J	0.00028	J	0.00017	J	0.00074	J	<0.000053	U	0.00020	J	0.011
Cadmium	<0.00034	U	<0.00034	U	<0.00034	U	<0.00034	U	<0.00034	U	<0.00034	U	<0.00034	U	0.005
Calcium	**192**		**244**		**254**		**304**		**840**		**510**		**316**		N/A
Chromium	0.0020	J	**0.0111**		**0.0147**		**0.0228**		**0.178**		0.0048	J	**0.0215**		0.05
Cobalt	<0.0016	U	<0.0016	U	<0.0016	U	<0.0016	U	0.005	J	<0.0016	U	<0.0016	U	0.005
Copper	0.0014	J	0.0066	J	**0.0118**		**0.0106**		**0.184**		0.0068	J	**0.0220**		0.2
Iron	**2.04**		**12.1**		**15.1**		**19.9**		**75.3**		**6.05**		**20**		0.3
Lead	<0.00088	U	0.0036	J	0.0062	J	0.0072	J	**0.0672**		0.0062	J	0.0091	J	0.025
Magnesium	**31.4**		**26.9**		**69.5**		**58.7**		**95**		**38.8**		**30**		35
Manganese	**0.0568**		**0.106**		**0.298**		**0.322**		**1.47**		**0.414**		**0.185**		0.3
Nickel	0.0021	J	0.0215	J	0.0120	J	0.0165	J	**0.588**		0.0086	J	0.0429	J	0.1
Potassium	4.41	J	**27.1**		**5.74**		**28.5**		**45.9**		**28**		**27.8**		N/A
Selenium	<0.0034	U	<0.0034	U	<0.0034	U	<0.0034	U	0.0039	J	<0.0034	U	<0.0034	U	0.01
Silver	<0.0015	U	<0.0015	U	<0.0015	U	<0.0015	U	<0.0015	U	<0.0015	U	<0.0015	U	0.05
Sodium	**66.2**		**53.2**		**73.8**		**234**		**705**		**592**		**49.4**		20
Thallium	<0.0037	UJ	<0.0037	UJ	<0.0037	U	<0.0037	U	<0.0037	U	<0.0037	U	<0.0037	U	0.008
Vanadium	0.0076	J	0.0163	J	0.0136	J	0.0491	J	0.0491	J	0.0058	J	0.0309	J	0.014
Zinc	0.0036	J	**0.0204**		**0.0249**		**0.0257**		**0.0917**		**0.0177**		**0.0416**		N/A
EPA 7470	**mg/l**		**mg/l**		**mg/l**		**mg/l**		**mg/l**		**mg/l**		**mg/l**		**mg/l**
Mercury	<0.000049	U	<0.000049	U	<0.000049	U	<0.000049	U	**0.000091**	J	<0.000049	U	<0.000049	U	0.007
EPA 9014	**mg/l**		**mg/l**		**mg/l**		**mg/l**		**mg/l**		**mg/l**		**mg/l**		**mg/l**
Total Cyanide	<0.010	U	<0.010	U	<0.010	U	<0.010	U	<0.010	U	<0.010	U	<0.010	U	0.2

TABLE 19:
Analytical Results
Groundwater - Round #2
PCBs and Pesticides

Site Investigation Report
Former Syracuse Rigging Property
NYSDEC Brownfields Project No. B-00146-7
341 Peat Street
City of Syracuse, New York

Analyte	Groundwater Samples														TOGS 1.1.1 Class GA Standard/Guidance Value
	MW-1-03		MW-2-03		MW-3-04		MW-4-03		MW-5-03		MW-6-04		MW-2-03 dup		
EPA 8082	**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**
PCB-1016	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	N/A
PCB-1221	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	N/A
PCB-1232	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	N/A
PCB-1242	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	N/A
PCB-1248	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	N/A
PCB-1254	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	N/A
PCB-1260	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	N/A
PCB TOTAL	0		0		0		0		0		0		0		0.09
EPA 8081	**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**
a-BHC	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	
b-BHC	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	
d-BHC	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	
Lindane	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	
Hepachlor	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	0.04
Aldrin	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	ND
Heptachlor epoxide	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	0.03
Endosulfan I	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	
Dieldrin	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	
4-4-DDE	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	0.2
Endrin	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	ND
Endosulfan II	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	
4-4-DDD	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	0.3
Endosulfan sulfate	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	
4-4-DDT	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	0.2
Methoxychlor	<0.50	U	<0.50	U	<0.50	U	<0.50	U	<0.50	U	<0.50	U	<0.50	U	35
Endrin aldehyde	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	5
Endrin ketone	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	<0.10	U	5
a-Chlordane	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	0.05
y-Chlordane	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	<0.050	U	0.05
Toxaphene	<0.50	U	<0.50	U	<0.50	U	<0.50	U	<0.50	U	<0.50	U	<0.50	U	0.06

Analyte	Offsite Groundwater Samples										TOGS 1.1.1 Class GA Standard/Guidance Value
	TW/B-1-04		TW/B-2-04		TW/B-2-04 DUP		TW/B-3-04		TW/B-4-04		
EPA 8260B	**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**
Chloromethane	<1	U	<1	U	<1	U	<25	U	<1	U	
Vinyl Chloride	<1	U	<1	U	<1	U	**520**		<1	U	2
Bromomethane	<1	U	<1	U	<1	U	<25	U	<1	U	5
Chloroethane	<1	U	<1	U	<1	U	**32**		<1	U	5
Acetone	120	DJ	5	J	4	J	<250	UJ	4	J	50
1, 1-Dichloroethene	<0.5	U	<0.5	U	<0.5	U	<12	U	<0.5	U	5
Methylene chloride	<0.5	U	<0.5	U	<0.5	U	4	U	<0.5	U	5
Carbon disulfide	<0.5	U	0.2	J	0.2	J	<12	U	0.1	J	60
trans-1,2-Dichloroethene	<0.5	U	<0.5	U	<0.5	U	**290**		<0.5	U	5
1,1-Dichloroethane	<0.5	U	<0.5	U	<0.5	U	**760**		<0.5	U	5
2-Butanone	6	J	1	J	1	J	<250	UJ	<10	UJ	
cis-1,2-Dichloroethene	<0.5	U	<0.5	U	<0.5	U	**460**		<0.5	U	5
Chloroform	<0.5	U	<0.5	U	<0.5	U	<12	U	<0.5	U	7
1,2-Dichloroethane	<0.5	U	<0.5	U	<0.5	U	<12	U	<0.5	U	0.6
1,1,1-Trichloroethane	<0.5	U	<0.5	U	<0.5	U	<12	U	<0.5	U	5
Carbon tetrachloride	<0.5	U	<0.5	U	<0.5	U	<12	U	<0.5	U	5
Benzene	<0.5	U	<0.5	U	<0.5	U	<12	U	<0.5	U	1
1,2-Dichloropropane	<0.5	U	<0.5	U	<0.5	U	<12	U	<0.5	U	1
Trichloroethene	<0.5	U	<0.5	UJ	<0.5	UJ	4	J	<0.5	UJ	5
Bromodichloromethane	<0.5	U	<0.5	U	<0.5	U	<12	U	<0.5	U	50
cis-1,3-Dichloropropene	<0.5	U	<0.5	U	<0.5	U	<12	U	<0.5	U	0.4*
4-Methyl-2-pentanone	<0.5	U	<5	U	<5	U	<120	U	<5	U	
trans-1,3-Dichloropropene	<0.5	U	<0.5	U	<0.5	U	<12	U	<0.5	U	0.4*
1,1,2-Trichloroethane	<0.5	U	<0.5	U	<0.5	U	<12	U	<0.5	U	1
Toluene	0.4	J	<0.5	U	<0.5	U	4	J	<0.5	U	5
Dibromochloromethane	<0.5	U	<0.5	U	<0.5	U	<12	U	<0.5	U	50
2-Hexanone	<5	U	<5	U	<5	U	<120	U	<5	U	50
Tetrachloroethene	<0.5	U	<0.5	U	<0.5	U	<12	U	<0.5	U	5
Chlorobenzene	<0.5	U	<0.5	U	<0.5	U	<12	U	<0.5	U	5
Ethylbenzene	0.1	J	<0.5	U	<0.5	U	<12	U	<0.5	U	5
Bromoform	<0.5	U	<0.5	U	<0.5	U	<12	U	<0.5	U	50
Xylene (total)	0.8		1	J	0.2	J	<12	U	<0.5	U	5
Styrene	<0.5	U	<0.5	U	<0.5	U	<12	U	<0.5	U	5
1,1,2,2-Tetrachloroethane	<0.5	U	<0.5	U	<0.5	U	<12	U	<0.5	U	5
EPA 8270											
bis (2-Chloroethyl) ether	<12	U	<10	U	<11	U	<10	U	<10	U	1
Phenol	2	J	<10	U	<11	U	<10	U	<10	U	1
2-Chlorophenol	<12	U	<10	U	<11	U	<10	U	<10	U	
1,3-Dichlorobenzene	<12	U	<10	U	<11	U	<10	U	<10	U	3
1,4-Dichlorobenzene	<12	U	<10	U	<11	U	<10	U	<10	U	3
1,2-Dichlorobenzene	<12	U	<10	U	<11	U	<10	U	<10	U	3
2-Methylphenol	<12	U	<10	U	<11	U	<10	U	<10	U	
2,2'-oxybis (1-Chloropropane)	<12	U	<10	U	<11	U	<10	U	<10	U	
4-Methylphenol	<12	U	<10	U	<11	U	<10	U	<10	U	
N-Nitroso-di-n-propylamine	<12	U	<10	U	<11	U	<10	U	<10	U	
Hexachloroethane	<12	U	<10	U	<11	U	<10	U	<10	U	5
Nitrobenzene	<12	U	<10	U	<11	U	<10	U	<10	U	0.4
Isophorone	<12	U	<10	U	<11	U	<10	U	<10	U	50
2-Nitrophenol	<12	U	<10	U	<11	U	<10	U	<10	U	
2,4-Dimethylphenol	<12	U	<10	U	<11	U	<10	U	<10	U	50
bis (2-Chloroethyl) methane	<12	U	<10	U	<11	U	<10	U	<10	U	
2,4-Dichlorophenol	<12	U	<10	U	<11	U	<10	U	<10	U	5
1,2,4-Trichlorobenzene	<12	U	<10	U	<11	U	<10	U	<10	U	5
Naphthalene	<12	U	<10	U	<11	U	<10	U	<10	U	10
4-Chloroaniline	<12	UJ	<10	UJ	<11	UJ	<10	UJ	<10	UJ	5
Hexachlorobutadiene	<12	U	<10	U	<11	U	<10	U	<10	U	
4-Chloro-3-methylphenol	<12	U	<10	U	<11	U	<10	U	<10	U	
2-Methylnaphthalene	<12	U	<10	U	<11	U	<10	U	<10	U	
Hexachlorocyclopentadiene	<12	UJ	<10	UJ	<11	UJ	<10	UJ	<10	UJ	5
2,4,6-Trichlorophenol	<12	U	<10	U	<11	U	<10	U	<10	U	
2,4,5-Trichlorophenol	<58	U	<52	U	<54	U	<50	U	<50	U	
2-Chloronaphthalene	<12	U	<10	U	<11	U	<10	U	<10	U	10
2-Nitroaniline	<58	U	<52	U	<54	U	<50	U	<50	U	5
Dimethyl pthalate	<12	U	<10	U	<11	U	<10	U	<10	U	50
Acenaphthylene	<12	U	<10	U	<11	U	<10	U	<10	U	
2,6-Dinitrotoluene	<12	U	<10	U	<11	U	<10	U	<10	U	5
3-Nitroaniline	<58	U	<52	U	<54	U	<50	U	<50	U	5
Acenaphthene	<12	U	<10	U	<11	U	<10	U	<10	U	20
2,4-Dinitrophenol	<58	U	<52	U	<54	U	<50	U	<50	U	10
4-Nitrophenol	<58	U	<52	U	<54	U	<50	U	<50	U	
Dibenzofuran	<12	U	<10	U	<11	U	<10	U	<10	U	
2,4-Dinitrotoluene	<12	U	<10	U	<11	U	<10	U	<10	U	5
Diethyl phtalate	<12	U	<10	U	<11	U	<10	U	<10	U	50
Flourene	<12	U	<10	U	<11	U	<10	U	<10	U	50
4-Chlorophenyl phenyl ether	<12	U	<10	U	<11	U	<10	U	<10	U	
4-Nitroaniline	<58	U	<52	U	<54	U	<50	U	<50	U	5
4,6-Dinitro-2-methylphenol	<58	U	<52	U	<54	U	<50	U	<50	U	
N-Nitrosodiphenylamine	<12	U	<10	U	<11	U	<10	U	<10	U	50
4-Bromophenyl phenyl ether	<12	U	<10	U	<11	U	<10	U	<10	U	
Hexachlorobenzene	<12	U	<10	U	<11	U	<10	U	<10	U	
Pentachlorophenol	<58	U	<52	U	<54	U	<50	U	<50	U	
Phenanthrene	<12	U	<10	U	<11	U	<10	U	<10	U	50
Anthracene	<12	U	<10	U	<11	U	<10	U	<10	U	50
Carbazole	<12	U	<10	U	<11	U	<10	U	<10	U	
Di-n-butyl phthalate	<12	U	<10	U	<11	U	<10	U	<10	U	
Flouranthene	<12	U	<10	U	<11	U	<10	U	<10	U	50
Pyrene	<12	U	<10	U	<11	U	<10	U	<10	U	50
Butyl benzyl phthalate	<12	U	<10	U	<11	U	<10	U	<10	U	50
3,3'-Dichlorobenzidiene	<23	U	<21	U	<22	U	<20	U	<20	U	5
Benzo [a] anthracene	<12	U	<10	U	<11	U	<10	U	<10	U	0.002
Chrysene	<12	U	<10	U	<11	U	<10	U	<10	U	0.002
bis (2-Ethylhexyl) phthalate	<12	U	2	J	4	J	3	J	4	J	5
Di-n-octyl phthalate	<12	U	<10	U	<11	U	<10	U	<10	U	50
Benzo [b] fluoranthene	<12	U	<10	U	<11	U	<10	U	<10	U	0.002
Benzo [k] fluoranthene	<12	U	<10	U	<11	U	<10	U	<10	U	0.002
Benzo [a] pyrene	<12	U	<10	U	<11	U	<10	U	<10	U	ND
Indeno [1,2,3-cd] pyrene	<12	U	<10	U	<11	U	<10	U	<10	U	0.002
Dibenz [a,h] anthracene	<12	U	<10	U	<11	U	<10	U	<10	U	
Benzo [g,h,I] perylene	<12	U	<10	U	<11	U	<10	U	<10	U	

Analyte	Offsite Groundwater Samples										TOGS 1.1.1 Class GA Standard/Guidance Value
	TW/B-1-04		TW/B-2-04		TW/B-2-04 DUP		TW/B-3-04		TW/B-4-04		
EPA 8082	**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**		**ug/l**
PCB-1016	<0.54	UJ	<0.52	U	<0.52	U	<0.52	UJ	<0.74	U	N/A
PCB-1221	<0.54	UJ	<0.52	U	<0.52	U	<0.52	UJ	<0.74	U	N/A
PCB-1232	<0.54	UJ	<0.52	U	<0.52	U	<0.52	UJ	<0.74	U	N/A
PCB-1242	<0.54	UJ	<0.52	U	<0.52	U	<0.52	UJ	<0.74	U	N/A
PCB-1248	<0.54	UJ	<0.52	U	<0.52	U	<0.52	UJ	<0.74	U	N/A
PCB-1254	<0.54	UJ	<0.52	U	<0.52	U	<0.52	UJ	<0.74	U	N/A
PCB-1260	<0.54	UJ	<0.52	U	<0.52	U	<0.52	UJ	<0.74	U	N/A
PCB TOTAL	0		0		0		0		0		0.09

TABLE 22:
Analytical Results
Groundwater - Offsite Sampling
Metals

Site Investigation Report
Former Syracuse Rigging Property
NYSDEC Brownfields Project No. B-00146-7
341 Peat Street
City of Syracuse, New York

Analyte	Offsite Groundwater Samples										TOGS 1.1.1 Class GA Standard/Guidance Value
	TW/B-1-04		TW/B-2-04		TW/B-2-04 DUP		TW/B-3-04		TW/B-4-04		
EPA 6010	**mg/l**		**mg/l**		**mg/l**		**mg/l**		**mg/l**		**mg/l**
Aluminum	204	DJ	2.39	J	4.67	J	521	J	3.82	J	0.1
Antimony	0.0126	DJ	<0.0028	UJ	0.0032	J	0.0378	J	<0.0028	UJ	0.003
Arsenic	0.280	DJ	0.066	J	0.0092	J	0.401	J	<0.0023	UJ	0.025
Barium	2.35	J	0.127	J	0.170	J	7.94	J	0.122	J	1.0
Beryllium	0.0093	J	<0.000040	UJ	<0.000040	UJ	0.0271	J	<0.000040	UJ	0.011
Cadmium	0.0065	DJ	<0.00038	UJ	<0.00038	UJ	0.0568	J	<0.00038	UJ	0.005
Calcium	2200	DJ	276	J	316	J	28100	DJ	219	J	N/A
Chromium	0.684	DJ	0.0124	J	0.0266	J	1.19	J	0.0059	J	0.05
Cobalt	0.193	DJ	<0.0024	UJ	<0.0024	UJ	0.425	J	<0.0024	UJ	0.005
Copper	1.04	DJ	0.0232	J	0.0455	J	1.84	J	0.0074	J	0.2
Iron	539	DJ	9.25	J	17.7	J	2160	J	6.03	J	0.3
Lead	0.701	DJ	0.0387	J	0.0742	J	1.06	DJ	0.0061	J	0.025
Magnesium	596	J	22.5	J	25	J	1020	J	40.4	J	35
Manganese	9.26	DJ	0.770	J	0.928	J	36.5	J	1.12	J	0.3
Nickel	8.90	J	0.0985	J	0.193	J	1.81	J	0.0328	J	0.1
Potassium	82.1	J	8.29	J	8.62	J	170	J	11.8	J	N/A
Selenium	0.0331	DJ	<0.0040	UJ	0.0075	J	0.121	J	<0.0040	UJ	0.01
Silver	0.0052	J	<0.0024	UJ	<0.0024	UJ	<0.0240	UJ	<0.0024	UJ	0.05
Sodium	431	J	10.6	J	10.6	J	173	J	132	J	20
Thallium	0.0428	DJ	<0.0058	UJ	<0.0058	UJ	0.321	J	<0.0058	UJ	0.008
Vanadium	0.452	DJ	0.0084	J	0.0147	J	1.31	J	0.0065	J	0.014
Zinc	1.54	DJ	0.0514	J	0.0981	J	4.10	J	0.0539	J	N/A
EPA 7470	**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**
Mercury	0.0012	J	0.00026	J	0.00021	J	<0.000070	UJ	0.00087	J	0.007
EPA 9014	**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**
Total Cyanide	0.014		<0.010	U	<0.010	U	0.0033	J	<0.010	U	0.2

EXHIBITS

CROSSROADS PARK SOIL PILE SAMPLING - ANALYTICAL DATA SUMMARY

Sample Location:	TAGM 4046		SP-1		SP-2		SP-3		SP-4		SP-5		SP-6		SP-7	
Lab ID:	Rec. Cleanup		L81354-1		L81354-2		L81354-3		L81354-4		L81354-5		L81354-6		L81354-7	
Analysis	Objective	Units	Result	RDL	Result	RDL	Result	RDL	Result	RDL	Result	RDL	Result	RDL	Result	RDL
Total Solids			85.7		87.4		83.4		87.3		88.3		86.6		86.6	
EPA 8260 VOCs																
Chloromethane		ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
Vinyl chloride	1200	ug/kg	U	2	U	2	U	2	U	2	U	2	U	2	U	2
Chloroethane	1900	ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
Bromomethane		ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
1,1-Dichloroethene	400	ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
Acetone	200	ug/kg	U	25	U	28	U	29	U	28	U	22	U	21	U	23
Carbon disulfide	2700	ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
Methylene chloride	100	ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
trans-1,2-Dichloroethene	300	ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
1,1-Dichloroethane	200	ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
cis-1,2-Dichloroethene		ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
MEK(2-Butanone)	300	ug/kg	U	25	U	28	U	29	U	28	U	22	U	21	U	23
Chloroform	300	ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
1,1,1-Trichloroethane	800	ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
Carbon tetrachloride	600	ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
Benzene	60	ug/kg	U	0.7	U	0.8	U	0.8	U	0.8	U	0.6	U	0.6	U	0.6
1,2-Dichloroethane	100	ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
Trichloroethene	700	ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
1,2-Dichloropropane		ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
Bromodichloromethane		ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
cis-1,3-Dichloropropene		ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
MIBK(4-Methyl-2-pentanone)	1000	ug/kg	U	10	U	11	U	11	U	11	U	9	U	8	U	9
Toluene	1500	ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
trans-1,3-Dichloropropene		ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
1,1,2-Trichloroethane		ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
Tetrachloroethene	1400	ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
2-Hexanone		ug/kg	U	10	U	11	U	11	U	11	U	9	U	8	U	9
Dibromochloromethane		ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
Chlorobenzene	1700	ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
Ethylbenzene	5500	ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
p-Xylene/m-Xylene		ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
o-Xylene		ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
Styrene		ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
Bromoform		ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
1,1,2,2-Tetrachloroethane	600	ug/kg	U	5	U	6	U	6	U	6	U	4	U	4	U	5
TOTAL VOC	**10000**	ug/kg		**217.7**		**254.8**		**256.8**		**254.8**		**180.6**		**176.6**		**211.6**
EPA 8270 SEMI-VOCs																
Bis(2-chloroethylether)		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
1,3-Dichlorobenzene		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
1,4-Dichlorobenzene		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
1,2-Dichlorobenzene		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
Bis(2-chloroisopropylether		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
Hexachloroethane		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
N-Nitrosodi-N-propylamine		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
Nitrobenzene		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
Isophorone		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
Bis(2-chloroethoxymethane)		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
1,2,4-Trichlorobenzene		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
Naphthalene	13000	ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	J	1300	U	1400
4-Chloroaniline		ug/kg	U	2900	U	2800	U	3000	U	2900	U	2800	U	2900	U	2900
Hexachlorobutadiene		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
2-Methylnaphthalene	36400	ug/kg	J	330	U	1400	U	1500	U	1400	U	1400	J	590	U	1400
Hexachlorocyclopentadiene		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
2-Chloronaphthalene		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
2-Nitroaniline		ug/kg	U	5800	U	5700	U	6000	U	5700	U	5600	U	5800	U	5800
Dimethylphthalate		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
Acenaphthylene		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
2,6-Dinitrotoluene		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
3-Nitroaniline		ug/kg	U	5800	U	5700	U	6000	U	5700	U	5600	U	5800	U	5800
Acenaphthene	50000	ug/kg	U	1500	U	1400	U	1500	U	1400	J	360	J	1400	U	1400
Dibenzofuran	6200	ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	J	920	U	1400
2,4-Dinitrotoluene		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
Diethylphthalate		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
Fluorene	50000	ug/kg	U	1500	U	1400	U	1500	U	1400	J	440	J	1400	U	1400
4-Chlorophenylphenylether		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
4-Nitroaniline		ug/kg	U	5800	U	5700	U	6000	U	5700	U	5600	U	5800	U	5800
N-Nitrosodiphenylamine		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
4-Bromophenylphenylether		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
Hexachlorobenzene		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
Phenanthrene	50000	ug/kg	J	1400	J	1300	J	1400	J	770		4400		18000		2500
Anthracene	50000	ug/kg	U	1500	U	1400	U	1500	U	1400	J	1200		3700	U	1400
Carbazole		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	J	1100	U	1400
Di-n-butyl phthalate		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
Fluoranthene	50000	ug/kg		1700	J	1400		1700	U	1400		5100		18000		4200
Pyrene	50000	ug/kg		3700		4700		2700		2600		4700		16000		4100
Butylbenzyl phthalate		ug/kg	U	1500	U	1400		1600	U	1400	U	1400	U	1400	U	1400
Benzo(a)anthracene	224	ug/kg	J	950	J	910	J	890	J	640		2300		8800		2200
3,3-Dichlorobenzidine		ug/kg	U	2900	U	2800	U	3000	U	2900	U	2800	U	2900	U	2900
Chrysene	400	ug/kg	J	1400	J	1200	J	1100	J	940		2400		8200		2500
Bis-2-ethylhexyl phthalate		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
Di-n-octyl phthalate		ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
Benzo(b)fluoranthene	1100	ug/kg		1500	J	1300	J	1300	J	970		3000		8100		3600
Benzo(k)fluoranthene	1100	ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400		3000	J	1300
Benzo(a)pyrene	61	ug/kg	J	1000	J	930	J	1000	J	780		2100		6300		2400
Indeno(1,2,3-cd)pyrene	3200	ug/kg	U	1500	U	1400	U	1500	U	1400	J	870		2500	J	980
Dibenzo(a,h)anthracene	14	ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400	U	1400	U	1400
Benzo(g,h,i)perylene	50000	ug/kg	U	1500	U	1400	U	1500	U	1400	U	1400		2100	U	1400
TOTAL SVOC	**500000**	ug/kg		**90680**		**87640**		**91190**		**84200**		**96870**		**165810**		**97380**

CROSSROADS PARK SOIL PILE SAMPLING - ANALYTICAL DATA SUMMARY

Sample Location:	TAGM 4046		SP-8		SP-9		SP-10		SP-11		SP-12		SP-13		SP-14	
Lab ID:	Rec. Cleanup		L81354-8		L81354-9		L81354-10		L81354-11		L81354-12		L81354-13		L81354-14	
Analysis	Objective	Units	Result	RDL	Result	RDL	Result	RDL	Result	RDL	Result	RDL	Result	RDL	Result	RDL
Total Solids			85.2		84.4		81.8		81.3		82.3		78.7		78.7	
EPA 8260 VOCs																
Chloromethane		ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
Vinyl chloride	1200	ug/kg	U	2	U	2	U	2	U	2	U	2	U	2	U	3
Chloroethane	1900	ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
Bromomethane		ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
1,1-Dichloroethene	400	ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
Acetone	200	ug/kg	U	26	U	28	U	31	U	29	U	27	U	27	U	31
Carbon disulfide	2700	ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
Methylene chloride	100	ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
trans-1,2-Dichloroethene	300	ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
1,1-Dichloroethane	200	ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
cis-1,2-Dichloroethene		ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
MEK(2-Butanone)	300	ug/kg	U	26	U	28	U	31	U	29	U	27	U	27	U	31
Chloroform	300	ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
1,1,1-Trichloroethane	800	ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
Carbon tetrachloride	600	ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
Benzene	60	ug/kg	U	0.7	U	0.8	U	0.9	U	0.8	U	0.8	U	0.8	U	0.9
1,2-Dichloroethane	100	ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
Trichloroethene	700	ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
1,2-Dichloropropane		ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
Bromodichloromethane		ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
cis-1,3-Dichloropropene		ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
MIBK(4-Methyl-2-pentanone)	1000	ug/kg	U	10	U	11	U	12	U	11	U	11	U	11	U	13
Toluene	1500	ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
trans-1,3-Dichloropropene		ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
1,1,2-Trichloroethane		ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
Tetrachloroethene	1400	ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
2-Hexanone		ug/kg	U	10	U	11	U	12	U	11	U	11	U	11	U	13
Dibromochloromethane		ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
Chlorobenzene	1700	ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
Ethylbenzene	5500	ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
p-Xylene/m-Xylene		ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
o-Xylene		ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
Styrene		ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
Bromoform		ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
1,1,2,2-Tetrachloroethane	600	ug/kg	U	5	U	6	U	6	U	6	U	5	U	5	U	6
TOTAL VOC	10000	ug/kg		219.7		254.8		262.9		256.8		223.8		223.8		265.9
EPA 8270 SEMI-VOCs																
Bis(2-chloroethylether)		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
1,3-Dichlorobenzene		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
1,4-Dichlorobenzene		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
1,2-Dichlorobenzene		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
Bis(2-chloroisopropylether		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
Hexachloroethane		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
N-Nitrosodi-N-propylamine		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
Nitrobenzene		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
Isophorone		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
Bis(2-chloroethoxymethane)		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
1,2,4-Trichlorobenzene		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
Naphthalene	13000	ug/kg	U	1500	U	1500	U	1500	J	330	U	1500	U	1600	U	1600
4-Chloroaniline		ug/kg	U	2900	U	3000	U	3100	U	3100	U	3000	U	3200	U	3200
Hexachlorobutadiene		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
2-Methylnaphthalene	36400	ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
Hexachlorocyclopentadiene		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
2-Chloronaphthalene		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
2-Nitroaniline		ug/kg	U	5900	U	5900	U	6100	U	6100	U	6100	U	6400	U	6300
Dimethylphthalate		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
Acenaphthylene		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
2,6-Dinitrotoluene		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
3-Nitroaniline		ug/kg	U	5900	U	5900	U	6100	U	6100	U	6100	U	6400	U	6300
Acenaphthene	50000	ug/kg	U	1500	U	1500	U	1500	J	620	U	1500	U	1600	U	1600
Dibenzofuran	6200	ug/kg	U	1500	U	1500	U	1500	J	450	U	1500	U	1600	U	1600
2,4-Dinitrotoluene		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
Diethylphthalate		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
Fluorene	50000	ug/kg	U	1500	U	1500	U	1500	J	910	U	1500	U	1600	J	460
4-Chlorophenylphenylether		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
4-Nitroaniline		ug/kg	U	5900	U	5900	U	6100	U	6100	U	6100	U	6400	U	6300
N-Nitrosodiphenylamine		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
4-Bromophenylphenylether		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
Hexachlorobenzene		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
Phenanthrene	50000	ug/kg	J	1100		2000		5400		8000		2500	J	950		5000
Anthracene	50000	ug/kg	U	1500	U	1500	J	1200		1800	U	1500	U	1600	J	980
Carbazole		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
Di-n-butyl phthalate		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
Fluoranthene	50000	ug/kg		1900		4300		8700		9600		3600	J	1600		5400
Pyrene	50000	ug/kg		1900		7500		9600		8500		4300		1800		7400
Butylbenzyl phthalate		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
Benzo(a)anthracene	224	ug/kg	J	1100		2300		4700		4400		2100	J	950		3100
3,3-Dichlorobenzidine		ug/kg	U	2900	U	3000	U	3100	U	3100	U	3000	U	3200	U	3200
Chrysene	400	ug/kg	J	1200		2400		4500		4700		2300	J	1000		3500
Bis-2-ethylhexyl phthalate		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
Di-n-octyl phthalate		ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
Benzo(b)fluoranthene	1100	ug/kg		1600		3000		6400		6100		2900	J	1500		3900
Benzo(k)fluoranthene	1100	ug/kg	U	1500	J	1400		2100		2500	U	1500	U	1600	J	1300
Benzo(a)pyrene	61	ug/kg	J	1100		2200		4100		3900		1900	J	990		2800
Indeno(1,2,3-cd)pyrene	3200	ug/kg	U	1500	J	970		1600		1700	J	690	U	1600	J	1000
Dibenzo(a,h)anthracene	14	ug/kg	U	1500	U	1500	U	1500	U	1500	U	1500	U	1600	U	1600
Benzo(g,h,i)perylene	50000	ug/kg	U	1500	U	1500	J	1500		1600	U	1500	U	1600	U	1600
TOTAL SVOC	500000	ug/kg		90400		103770		125300		124610		100090		95190		114540

CROSSROADS PARK SOIL PILE SAMPLING - ANALYTICAL DATA SUMMARY

Sample Location:	TAGM 4046		SP-15		SP-16		SP-17		SP-18		SP-19		SP-20		SP-21	
Lab ID:	Rec. Cleanup		L81354-15		L81354-16		L81354-17		L81354-18		L81354-19		L81354-20		L81354-21	
Analysis	Objective	Units	Result	RDL	Result	RDL	Result	RDL	Result	RDL	Result	RDL	Result	RDL	Result	RDL
Total Solids			73.7		75.3		71		63.4		56.4		70.1		75.3	
EPA 8260 VOCs																
Chloromethane		ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
Vinyl chloride	1200	ug/kg	U	2	U	2	U	3	U	3	U	3	U	3	U	3
Chloroethane	1900	ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
Bromomethane		ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
1,1-Dichloroethene	400	ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
Acetone	200	ug/kg	U	31	U	27	U	32	U	36	U	42	U	34	U	33
Carbon disulfide	2700	ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
Methylene chloride	100	ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
trans-1,2-Dichloroethene	300	ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
1,1-Dichloroethane	200	ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
cis-1,2-Dichloroethene		ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
MEK(2-Butanone)	300	ug/kg	U	31	U	27	U	32	U	36	U	42	U	34	U	33
Chloroform	300	ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
1,1,1-Trichloroethane	800	ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
Carbon tetrachloride	600	ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
Benzene	60	ug/kg	U	0.9	U	0.8	U	0.9	U	1	U	1	U	1	U	0.9
1,2-Dichloroethane	100	ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
Trichloroethene	700	ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
1,2-Dichloropropane		ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
Bromodichloromethane		ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
cis-1,3-Dichloropropene		ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
MIBK(4-Methyl-2-pentanone)	1000	ug/kg	U	12	U	11	U	13	U	15	U	17	U	14	U	13
Toluene	1500	ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
trans-1,3-Dichloropropene		ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
1,1,2-Trichloroethane		ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
Tetrachloroethene	1400	ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
2-Hexanone		ug/kg	U	12	U	11	U	13	U	15	U	17	U	14	U	13
Dibromochloromethane		ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
Chlorobenzene	1700	ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
Ethylbenzene	5500	ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
p-Xylene/m-Xylene		ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
o-Xylene		ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
Styrene		ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
Bromoform		ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
1,1,2,2-Tetrachloroethane	600	ug/kg	U	6	U	5	U	6	U	7	U	8	U	7	U	7
TOTAL VOC	10000	ug/kg		262.9		223.8		267.9		309		354		303		298.9
EPA 8270 SEMI-VOCs																
Bis(2-chloroethylether)		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
1,3-Dichlorobenzene		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
1,4-Dichlorobenzene		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
1,2-Dichlorobenzene		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
Bis(2-chloroisopropylether		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
Hexachloroethane		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
N-Nitrosodi-N-propylamine		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
Nitrobenzene		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
Isophorone		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
Bis(2-chloroethoxymethane)		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
1,2,4-Trichlorobenzene		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
Naphthalene	13000	ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
4-Chloroaniline		ug/kg	U	3400	U	660	U	1400	U	1600	U	1800	U	1400	U	1300
Hexachlorobutadiene		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
2-Methylnaphthalene	36400	ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
Hexachlorocyclopentadiene		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
2-Chloronaphthalene		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
2-Nitroaniline		ug/kg	U	6800	U	1300	U	2800	U	3100	U	3500	U	2800	U	2600
Dimethylphthalate		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
Acenaphthylene		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
2,6-Dinitrotoluene		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
3-Nitroaniline		ug/kg	U	6800	U	1300	U	2800	U	3100	U	3500	U	2800	U	2600
Acenaphthene	50000	ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
Dibenzofuran	6200	ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
2,4-Dinitrotoluene		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
Diethylphthalate		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
Fluorene	50000	ug/kg	J	420	U	330	U	700	U	790	U	880	U	710	U	660
4-Chlorophenylphenylether		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
4-Nitroaniline		ug/kg	U	6800	U	1300	U	2800	U	3100	U	3500	U	2800	U	2600
N-Nitrosodiphenylamine		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
4-Bromophenylphenylether		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
Hexachlorobenzene		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
Phenanthrene	50000	ug/kg		2500		370	J	660	J	410		1400	J	550	J	610
Anthracene	50000	ug/kg	U	1700	U	330	U	700	U	790	J	310	U	710	U	660
Carbazole		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
Di-n-butyl phthalate		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
Fluoranthene	50000	ug/kg		2600		680		1200		2200		3300		1100		1200
Pyrene	50000	ug/kg		3000		1100		1600		2600		3400		2000		1900
Butylbenzyl phthalate		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
Benzo(a)anthracene	224	ug/kg	J	1400		430		730		1100		2000	J	710		830
3,3-Dichlorobenzidine		ug/kg	U	3400	U	660	U	1400	U	1600	U	1800	U	1400	U	1300
Chrysene	400	ug/kg	J	1400		480		840		990		1800		890		790
Bis-2-ethylhexyl phthalate		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
Di-n-octyl phthalate		ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
Benzo(b)fluoranthene	1100	ug/kg		1900		660		1200		1600		2600		1200		1100
Benzo(k)fluoranthene	1100	ug/kg	U	1700	U	330	U	700	J	720		1300	U	710	J	490
Benzo(a)pyrene	61	ug/kg	J	1300		440		770		1200		2000		800		970
Indeno(1,2,3-cd)pyrene	3200	ug/kg	U	1700	J	270	J	460	J	620		930	J	490	J	530
Dibenzo(a,h)anthracene	14	ug/kg	U	1700	U	330	U	700	U	790	U	880	U	710	U	660
Benzo(g,h,i)perylene	50000	ug/kg	U	1700	J	300	U	700	J	570	J	830	J	540	J	520
TOTAL SVOC	500000	ug/kg		104620		21830		44560		52160		63890		45040		42440

CROSSROADS PARK SOIL PILE SAMPLING - ANALYTICAL DATA SUMMARY

Sample Location:	TAGM 4046		SP-22		SP-23		SP-24		SP-25		SP-26		SP-27		SP-28	
Lab ID:	Rec. Cleanup		L81354-22		L81354-23		L81354-24		L81354-25		L81354-26		L81354-27		L81354-28	
Analysis	Objective	Units	Result	RDL	Result	RDL	Result	RDL	Result	RDL	Result	RDL	Result	RDL	Result	RDL
Total Solids			71.9		71.9		71.7		78.2		74.5		77.7		82.6	
EPA 8260 VOCs																
Chloromethane		ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
Vinyl chloride	1200	ug/kg	U	2	U	3	U	3	U	2	U	3	U	3	U	2
Chloroethane	1900	ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
Bromomethane		ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
1,1-Dichloroethene	400	ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
Acetone	200	ug/kg	U	30	U	33	U	32	U	29	U	33	U	32	U	27
Carbon disulfide	2700	ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
Methylene chloride	100	ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
trans-1,2-Dichloroethene	300	ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
1,1-Dichloroethane	200	ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
cis-1,2-Dichloroethene		ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
MEK(2-Butanone)	300	ug/kg	U	30	U	33	U	32	U	29	U	33	U	32	U	27
Chloroform	300	ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
1,1,1-Trichloroethane	800	ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
Carbon tetrachloride	600	ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
Benzene	60	ug/kg	U	0.8	U	0.9	U	0.9	U	0.8	U	0.9	U	0.9	U	0.8
1,2-Dichloroethane	100	ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
Trichloroethene	700	ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
1,2-Dichloropropane		ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
Bromodichloromethane		ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
cis-1,3-Dichloropropene		ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
MIBK(4-Methyl-2-pentanone)	1000	ug/kg	U	12	U	13	U	13	U	12	U	13	U	13	U	11
Toluene	1500	ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
trans-1,3-Dichloropropene		ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
1,1,2-Trichloroethane		ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
Tetrachloroethene	1400	ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
2-Hexanone		ug/kg	U	12	U	13	U	13	U	12	U	13	U	13	U	11
Dibromochloromethane		ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
Chlorobenzene	1700	ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
Ethylbenzene	5500	ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
p-Xylene/m-Xylene		ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
o-Xylene		ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
Styrene		ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
Bromoform		ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
1,1,2,2-Tetrachloroethane	600	ug/kg	U	6	U	7	U	6	U	6	U	7	U	6	U	5
TOTAL VOC	10000	ug/kg		260.8		298.9		267.9		258.8		298.9		267.9		223.8
EPA 8270 SEMI-VOCs																
Bis(2-chloroethylether)		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
1,3-Dichlorobenzene		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
1,4-Dichlorobenzene		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
1,2-Dichlorobenzene		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
Bis(2-chloroisopropylether		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
Hexachloroethane		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
N-Nitrosodi-N-propylamine		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
Nitrobenzene		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
Isophorone		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
Bis(2-chloroethoxymethane)		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
1,2,4-Trichlorobenzene		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
Naphthalene	13000	ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
4-Chloroaniline		ug/kg	U	1400	U	1400	U	1400	U	1300	U	1300	U	1300	U	1200
Hexachlorobutadiene		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
2-Methylnaphthalene	36400	ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
Hexachlorocyclopentadiene		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
2-Chloronaphthalene		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
2-Nitroaniline		ug/kg	U	2800	U	2800	U	2800	U	2600	U	2700	U	2600	U	2400
Dimethylphthalate		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
Acenaphthylene		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
2,6-Dinitrotoluene		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
3-Nitroaniline		ug/kg	U	2800	U	2800	U	2800	U	2600	U	2700	U	2600	U	2400
Acenaphthene	50000	ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
Dibenzofuran	6200	ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
2,4-Dinitrotoluene		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
Diethylphthalate		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
Fluorene	50000	ug/kg	U	690	U	690	U	690	J	180	U	670	J	170	U	610
4-Chlorophenylphenylether		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
4-Nitroaniline		ug/kg	U	2800	U	2800	U	2800	U	2600	U	2700	U	2600	U	2400
N-Nitrosodiphenylamine		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
4-Bromophenylphenylether		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
Hexachlorobenzene		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
Phenanthrene	50000	ug/kg	J	640	J	480		970		1900		780		1900	J	460
Anthracene	50000	ug/kg	U	690	U	690	J	220	J	540	J	160	J	470	U	610
Carbazole		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
Di-n-butyl phthalate		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
Fluoranthene	50000	ug/kg		1200		920		1700		2400		1200		2500		650
Pyrene	50000	ug/kg		1800		1000		2000		2500		1200		2600		720
Butylbenzyl phthalate		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
Benzo(a)anthracene	224	ug/kg		880	J	630		1200		1400		720		1400	J	360
3,3-Dichlorobenzidine		ug/kg	U	1400	U	1400	U	1400	U	1300	U	1300	U	1300	U	1200
Chrysene	400	ug/kg		910		730		1300		1400		710		1300	J	310
Bis-2-ethylhexyl phthalate		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
Di-n-octyl phthalate		ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
Benzo(b)fluoranthene	1100	ug/kg		1400		960		1500		1500		760		1500	U	610
Benzo(k)fluoranthene	1100	ug/kg	J	660	J	330	J	520	J	630	U	670	J	560	U	610
Benzo(a)pyrene	61	ug/kg		1100	J	660		1100		1300	J	590		1100	J	400
Indeno(1,2,3-cd)pyrene	3200	ug/kg	J	500	U	690	J	460	J	550	U	670	J	520	U	610
Dibenzo(a,h)anthracene	14	ug/kg	U	690	U	690	U	690	U	640	U	670	U	640	U	610
Benzo(g,h,i)perylene	50000	ug/kg	J	520	J	300	J	430	J	530	J	270	J	430	J	170
TOTAL SVOC	500000	ug/kg		44960		42050		46060		46350		41210		45970		35850

FIGURES

LEGEND	
	= Moist/Saturated Soils
Refusal	= Excavator could not advance deeper, typically due to presence of concrete footers and thick concrete slabs
Field 0.0	= Field PID reading in ppm
Headspace 0.0	= Headspace PID reading in ppm
T-A-01	= Sample number, analyzed by laboratory



FIGURE 1 - LOCATION PLAN

CITY CROSSROADS PARK
341 PEAT STREET
SYRACUSE, NEW YORK

SITE INVESTIGATION REPORT

Scale: 1" = 2,000'

02850

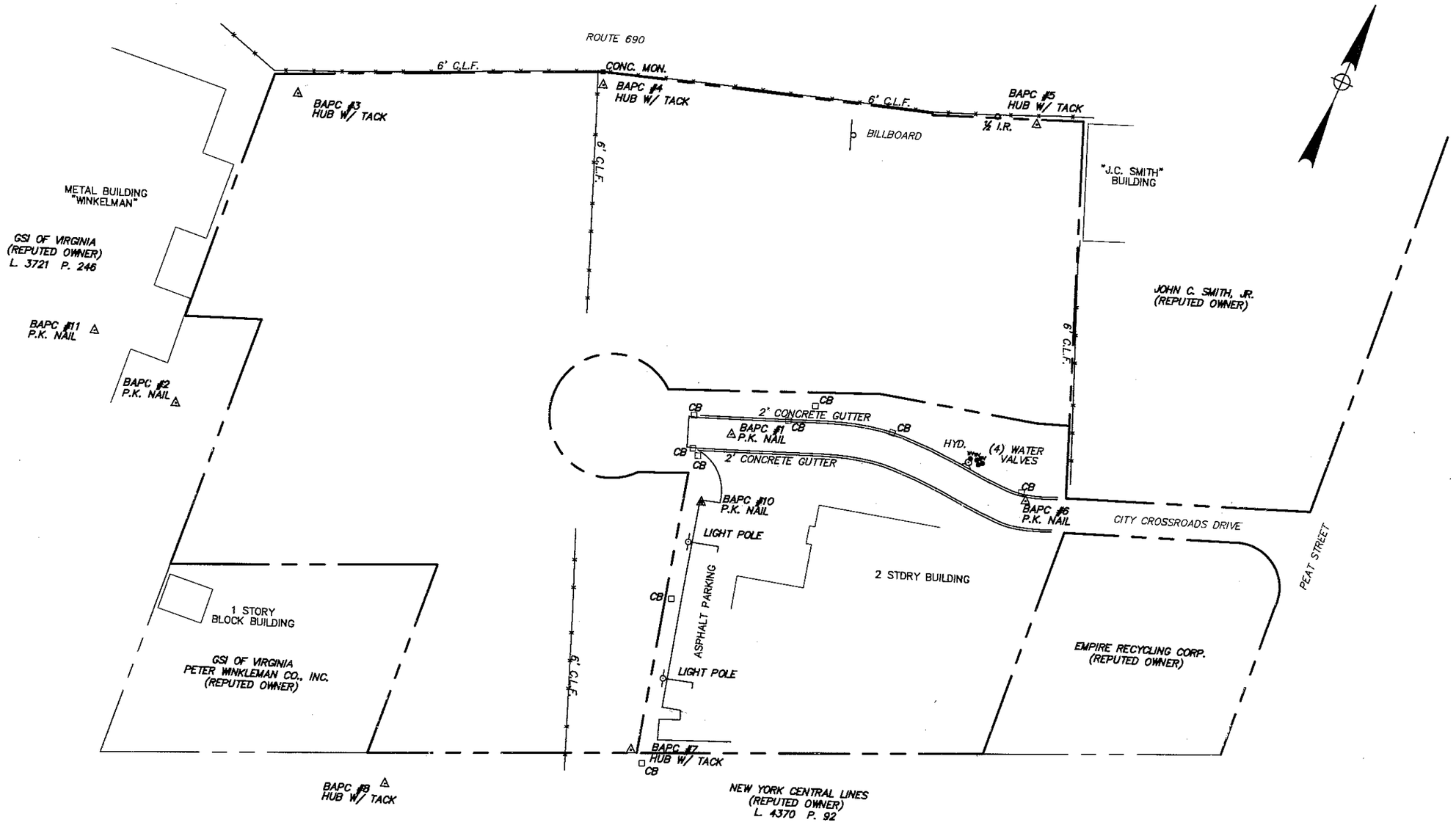


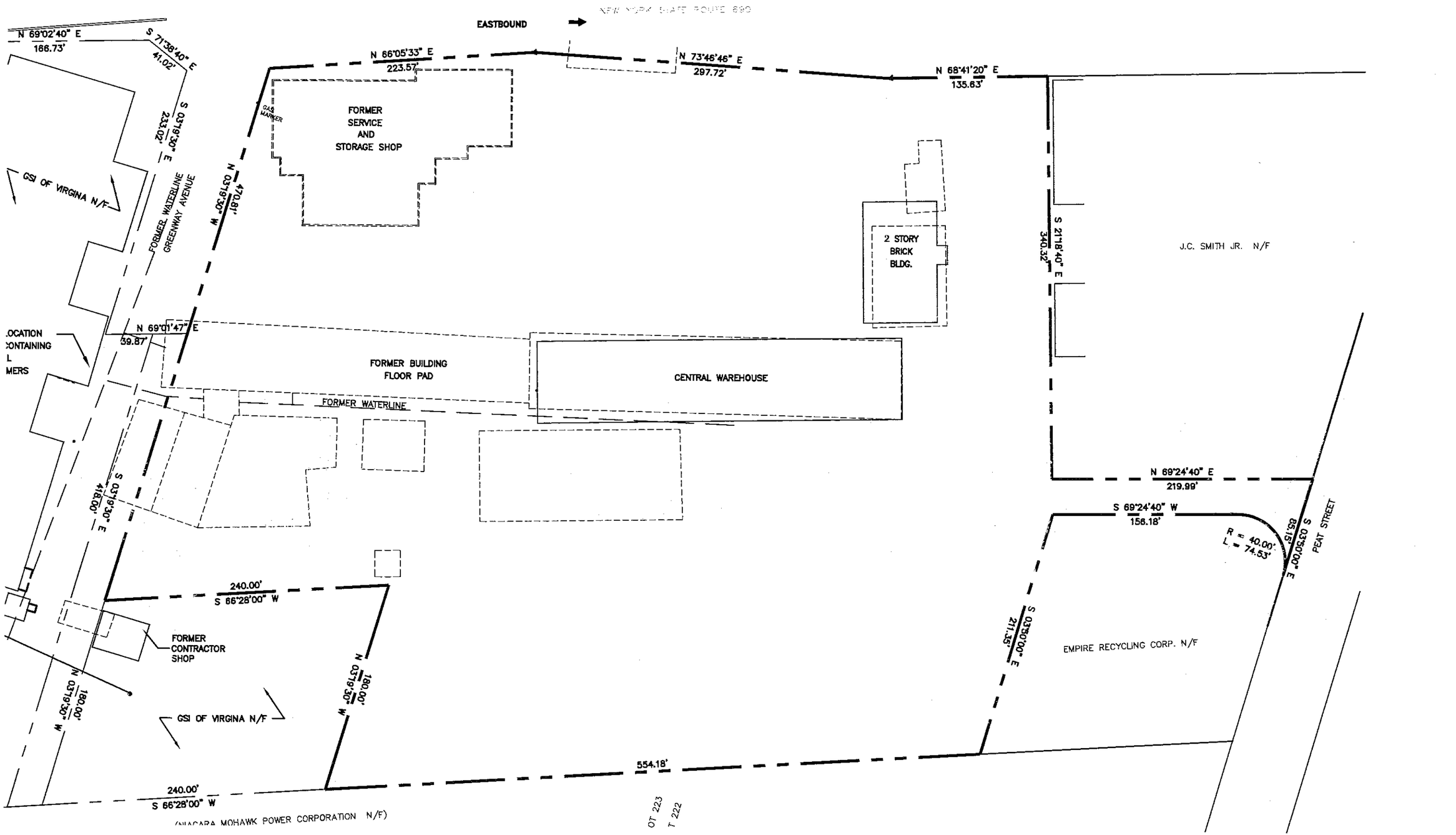
FIGURE 2 - SITE PLAN

CITY CROSSROADS PARK
341 PEAT STREET
SYRACUSE, NEW YORK

SITE INVESTIGATION REPORT

Scale: 1" = 100'

02850



NOTES:

1. PREPARED TO SHOW GENERAL ARRANGEMENT OF PROPERTY FOR SI / RAR WORK PLAN. DO NOT USE FOR ANY OTHER PURPOSE.

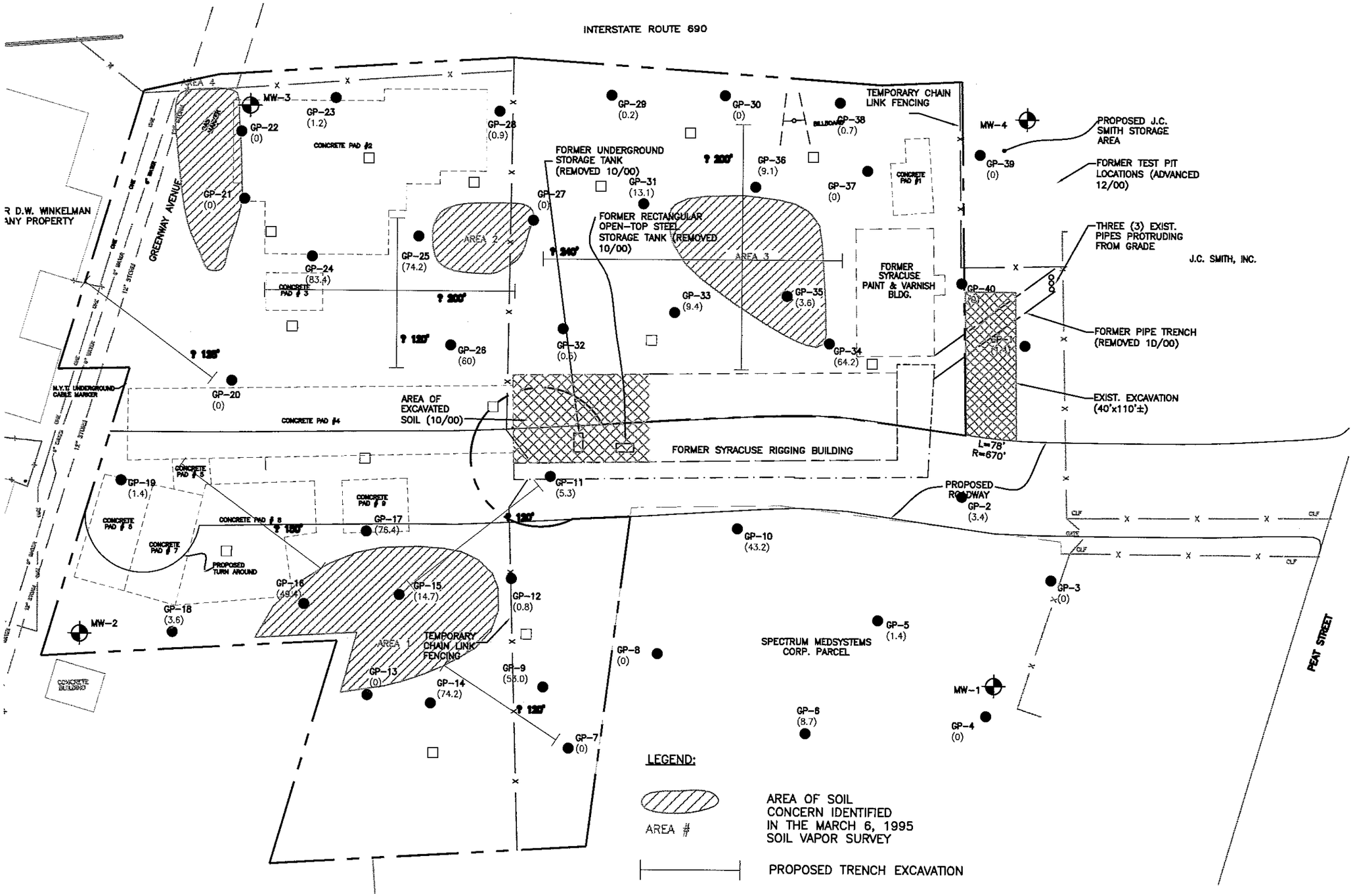
FIGURE 3 - PRE-DEMOLITION SITE LAYOUT

CITY CROSSROADS PARK
341 PEAT STREET
SYRACUSE, NEW YORK

SITE INVESTIGATION REPORT

Scale: 1" = 80'

02850



LEGEND:

AREA # — AREA OF SOIL CONCERN IDENTIFIED IN THE MARCH 6, 1995 SOIL VAPOR SURVEY

PROPOSED TRENCH EXCAVATION

PROPOSED TRENCH PIT

MW-1 — GROUNDWATER MONITORING WELL INSTALLED IN APRIL 1999 LIMITED SUBSURFACE SCREENING REPORT

GP-1 (0) — SOIL BORING W/ MAX. PID SCREENING (ppm) IDENTIFIED IN THE SEPTEMBER 2, 1999

FORMER SYRACUSE RIGGING PROPERTY
341 PEAT STREET SYRACUSE, NEW YORK
NYSDEC SPILL NO. 0005223

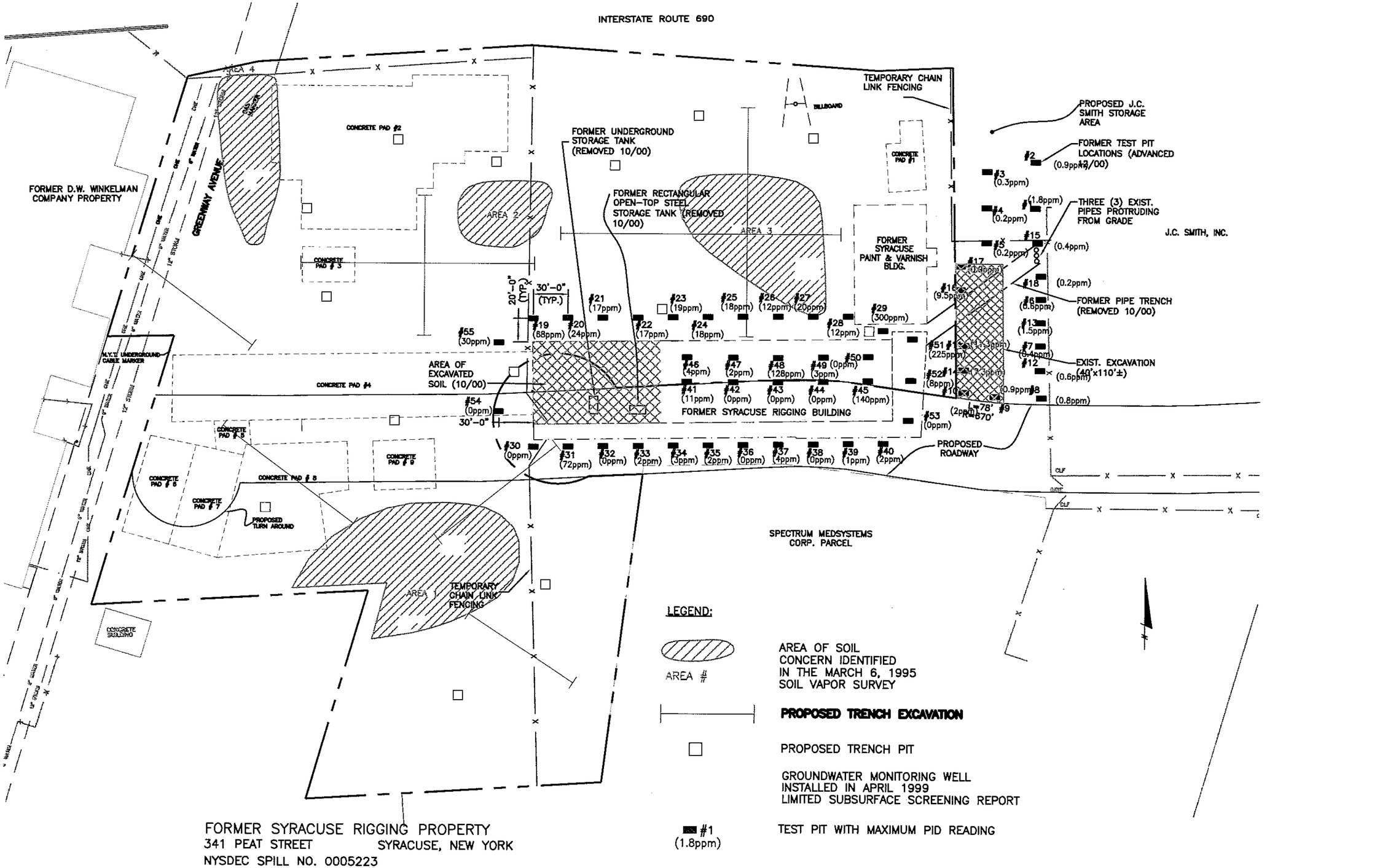
FIGURE 4 - 1999 LIMITED SUBSURFACE SCREENING MAP

CITY CROSSROADS PARK
341 PEAT STREET
SYRACUSE, NEW YORK

SITE INVESTIGATION REPORT

Scale: 1" = 80'

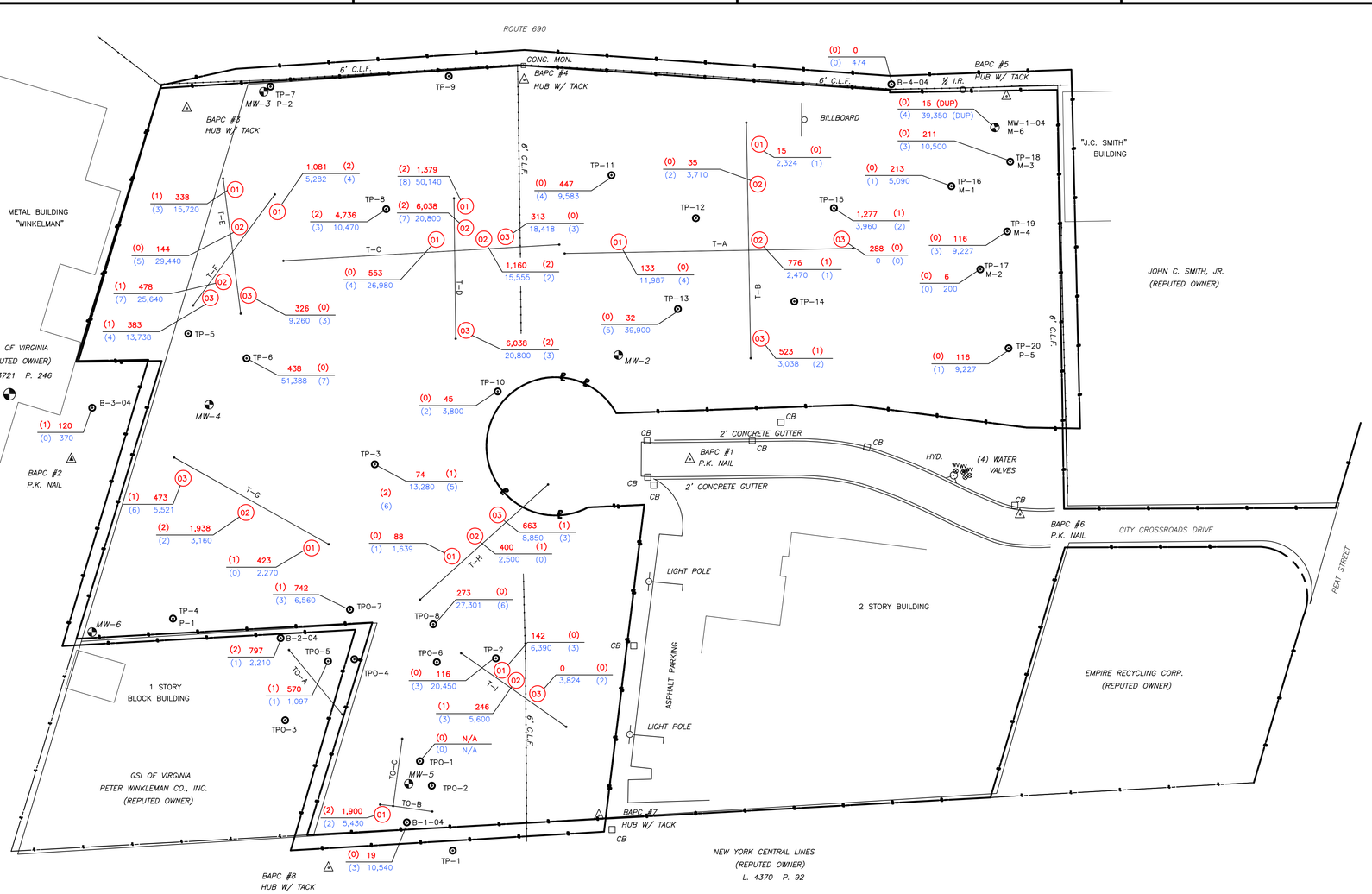
02850



FORMER SYRACUSE RIGGING PROPERTY
341 PEAT STREET SYRACUSE, NEW YORK
NYSDEC SPILL NO. 0005223

FIGURE 5 - 2000 PARCEL D EXPLORATORY EXCAVATION MAP
CITY CROSSROADS PARK
341 PEAT STREET
SYRACUSE, NEW YORK
SITE INVESTIGATION REPORT
Scale: 1" = 100'

02850



SUBSURFACE SOIL VOC/SVOC CONTAMINANT CONCENTRATION MAP

SCALE: 1"=50'

SCALE IN FEET

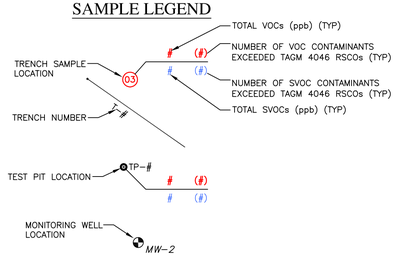
50 0 25 50 100 200

1" = 50'

ABBREVIATIONS

B – OFFSITE BORING
DUP – DUPLICATE SAMPLE
M – MISCELLANEOUS SOIL SAMPLE
MW – MONITORING WELL
P – SUBSURFACE PCB SAMPLE
T – TEST TRENCH
TO – TEST TRENCH (SUPPLEMENTAL "0.1" INVESTIGATION)
TP – TEST PIT
TPO – TEST PIT (SUPPLEMENTAL "0.1" INVESTIGATION)

SAMPLE LEGEND



SCHEDULE

TEST PIT LOCATION	SAMPLE DEPTH (FT)	TOTAL VOCs (ppb)	# OVER TAGM	SPECIFIC CONTAMINANTS EXCEEDING TAGM 4046 RSCOs	TOTAL SVOCs (ppb)	# OVER TAGM	SPECIFIC CONTAMINANTS EXCEEDING TAGM 4046 RSCOs
TP-2	5	116	0		20450	3	Chrysene Benzo (a) anthrecene Benzo (a) pyrene
TP-3	3	74	0		13280	5	Phenol 2-Methylphenol Chrysene Benzo (a) anthrecene Benzo (a) pyrene
TP-6	3	438	0		51388	7	Phenol 4-Methylphenol Benzo (a) anthrecene Chrysene Benzo (b) fluoranthene Benzo (k) fluoranthene Benzo (a) pyrene
TP-8	2	4736	2	Acetone 2-Butanone	10470	3	Chrysene Benzo (a) anthrecene Benzo (a) pyrene
TP-10	2	45	0		3800	2	Chrysene Benzo (a) pyrene
TP-11	3	32	0		9583	4	Chrysene Benzo (a) anthrecene Benzo (a) pyrene Dibenz (a,h) anthracene
TP-13	4	447	1	Acetone	39900	5	Benzo (a) anthrecene Chrysene Benzo (b) fluoranthene Benzo (k) fluoranthene Benzo (a) pyrene
TP-15	3	1277	1	Acetone	3960	2	Benzo (a) anthrecene Benzo (a) pyrene
TO-B-1	8	1900	2	Acetone	5430	2	Chrysene Benzo (a) pyrene
TPO-1	8.5	0	0	Elevated detection limits	0	0	Elevated detection limits
TPO-5	9	570	1	Acetone	1097	1	Benzo (a) pyrene
TPO-7	6.5	742	1	Acetone	6560	3	Benzo (a) anthrecene Chrysene Benzo (a) pyrene
TPO-8	5.5	273	1	Acetone	27301	6	Benzo (a) anthrecene Chrysene Benzo (b) fluoranthene Benzo (k) fluoranthene Benzo (a) pyrene Dibenz (a,h) anthracene
M-1 (TP-16)	3	213	0		5090	3	Chrysene Benzo (a) anthrecene Benzo (a) pyrene
M-2 (TP-18)	1	6	0		200	0	
M-3 (TP-19)	3	211	0		10500	3	Chrysene Benzo (a) anthrecene
M-4 (TP-20)	3.5	116	0		9227	3	Chrysene Benzo (a) anthrecene Benzo (a) pyrene
M-6 (MW-1-04) (DUP)		15	0		39,350	5	Chrysene Benzo (a) anthrecene Benzo (b) fluoranthene Benzo (k) fluoranthene Benzo (a) pyrene

TEST TRENCH LOCATION	SAMPLE DEPTH (FT)	TOTAL VOCs (ppb)	# OVER TAGM	SPECIFIC CONTAMINANTS EXCEEDING TAGM 4046 RSCOs	TOTAL SVOCs (ppb)	# OVER TAGM	SPECIFIC CONTAMINANTS EXCEEDING TAGM 4046 RSCOs
T-A-01	4	133	0		11987	4	Chrysene Benzo (a) anthrecene Benzo (a) pyrene Dibenz (a,h) anthracene
T-A-02	3	776	1	Acetone	2470	1	Benzo (a) pyrene
T-A-03	3	288	0		0	0	
T-B-01	3	15	0		2324	1	Benzo (a) pyrene
T-B-02	3	35	0		3710	2	Benzo (a) anthrecene Benzo (a) pyrene
T-B-03	5	523	1	Acetone	3038	2	Benzo (a) anthrecene Benzo (a) pyrene
T-C-01	4	553	0		26980	4	Chrysene Benzo (a) anthrecene Benzo (a) pyrene Dibenz (a,h) anthracene
T-C-02	4	1160	2	Acetone Benzene	15555	2	Benzo (a) anthrecene Benzo (a) pyrene
T-C-03	3	313	0		18418	3	Benzo (a) anthrecene Benzo (a) pyrene Dibenz (a,h) anthracene
T-D-01	3	1379	2	Acetone 2-Butanone	50140	8	Phenol 4-Methylphenol Chrysene Benzo (b) fluoranthene Benzo (k) fluoranthene Benzo (a) anthrecene Benzo (a) pyrene Dibenz (a,h) anthracene
T-D-02	1	387	2	Acetone 2-Butanone	39170	7	Phenol Chrysene Benzo (b) fluoranthene Benzo (k) fluoranthene Benzo (a) anthrecene Benzo (a) pyrene Dibenz (a,h) anthracene
T-D-03	3	6038	2	Acetone 2-Butanone	20800	3	Phenol 4-Methylphenol Chrysene
T-E-01	2	338	1	Acetone	15720	3	Chrysene Benzo (a) anthrecene Benzo (a) pyrene
T-E-02	4	144	0		29440	5	Chrysene Benzo (b) fluoranthene Benzo (k) fluoranthene Benzo (a) anthrecene Benzo (a) pyrene
T-E-03	2	326	0		9260	3	Chrysene Benzo (a) anthrecene Benzo (a) pyrene
T-F-01	2.5	1081	2	Acetone 2-Butanone	5282	4	Phenol Chrysene Benzo (a) anthrecene Benzo (a) pyrene
T-F-02	4	478	1	2-Butanone	25640	7	Phenol Chrysene Benzo (b) fluoranthene Benzo (k) fluoranthene Benzo (a) anthrecene Benzo (a) pyrene Dibenz (a,h) anthracene
T-F-03	4	383	1	2-Butanone	13738	4	Chrysene Benzo (a) anthrecene Benzo (a) pyrene Dibenz (a,h) anthracene
T-G-01	6	423	1	Acetone	2270	0	
T-G-02	3	1938	2	Acetone 2-Butanone	3160	2	Phenol Benzo (a) pyrene
T-G-03	2	473	1	2-Butanone	5521	6	Phenol Chrysene Benzo (b) fluoranthene Benzo (a) anthrecene Benzo (a) pyrene Dibenz (a,h) anthracene
T-H-01	7	663	1	Acetone	8850	3	Chrysene Benzo (a) anthrecene Benzo (a) pyrene
T-H-02	7	400	1	Acetone	2500	0	
T-H-03	3	88	0		1639	1	Phenol Benzo (a) pyrene
T-I-01	7.5	142	0		6390	3	Chrysene Benzo (a) anthrecene Benzo (a) pyrene
T-I-02	8	246	1	Acetone	5600	3	Chrysene Benzo (a) anthrecene Benzo (a) pyrene
T-I-03	1	0	0		3824	2	Benzo (a) anthrecene Benzo (a) pyrene

OFFSITE BORING LOCATION	SAMPLE DEPTH (FT)	TOTAL VOCs (ppb)	# OVER TAGM	SPECIFIC CONTAMINANTS EXCEEDING TAGM 4046 RSCOs	TOTAL SVOCs (ppb)	# OVER TAGM	SPECIFIC CONTAMINANTS EXCEEDING TAGM 4046 RSCOs
B-1-04	8-14	19	0		10540	3	Benzo (a) anthrecene Chrysene Benzo (a) pyrene
B-2-04 (DUP)	8-12	797	2	Methylene Chloride Benzene	2210	1	Chrysene
B-3-04	8-12	120	0		370	0	–
B-4-04	8-14	0	0		474	0	–

BDA BEARDSLEY DESIGN ASSOCIATES
Architecture, Engineering, Landscape Architecture, P.C.
431 East Fayette Street
Syracuse, New York 13202
Ph 315.472.6980
Fax 315.472.3523
E-mail BDA@Beardsley.com

SITE INVESTIGATION REPORT

CITY CROSSROADS PARK
341 PEAT STREET
SYRACUSE, NEW YORK

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SUBSURFACE SOIL VOC/SVOC CONTAMINANT CONCENTRATION MAP

Project Number: 02850	Designed By: MDK
Drawn By: FJS	Reviewed By: *

NO	REVISION DESCRIPTION	BY	DATE
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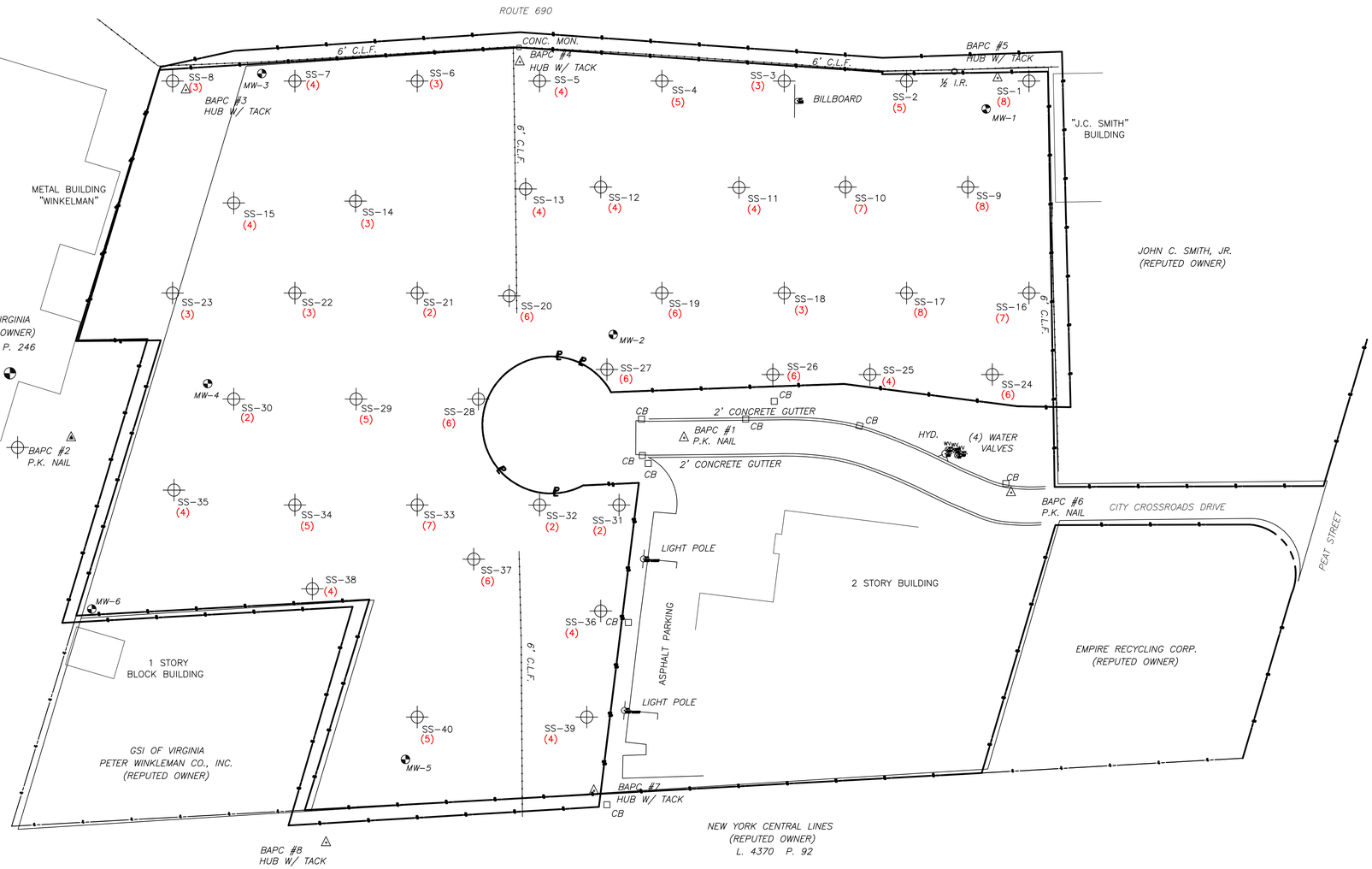
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FIG-6

of

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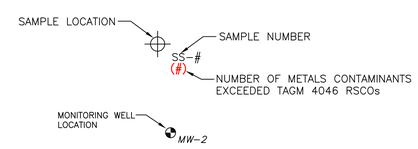
SURFACE SOIL METALS CONTAMINANT CONCENTRATION MAP

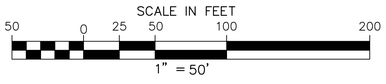
SCALE: 1"=50'

SCHEDULE

TEST LOCATION	# OVER TAGM	TAGM CONTAMINANT
SS-1	8	"As, Ca, Cd, Cu, Mg, Ni, Zn, Hg"
SS-2	5	"Cd, Ca, Mg, Ni, Zn"
SS-3	3	"Ca, Mg, Zn"
SS-4	5	"As, Ca, Mg, Zn, Hg"
SS-5	4	"Ca, Mg, Ni, Zn"
SS-6	3	"Ca, Mg, Zn"
SS-7	4	"Ca, Cr, Mg, Zn"
SS-8	3	"Ca, Mg, Zn"
SS-9	8	"Cd, Ca, Cr, Cu, Mg, Ni, Zn, Hg"
SS-10	7	"Ca, Cr, Cu, Mg, Ni, Se, Zn"
SS-11	4	"Ca, Cr, Mg, Zn"
SS-12	4	"Ca, Mg, Ni, Zn"
SS-13	4	"Ca, Mg, Ni, Zn"
SS-14	3	"Ca, Mg, Zn"
SS-15	4	"Ca, Mg, Zn, Hg"
SS-16	7	"Ca, Cr, Cu, Mg, Ni, Zn, Hg"
SS-17	8	"As, Ca, Cr, Cu, Mg, Ni, Zn, Hg"
SS-18	3	"Ca, Mg, Zn"
SS-19	6	"Ca, Cr, Mg, Ni, Zn, Hg"
SS-20	6	"Ca, Cr, Cu, Mg, Ni, Zn "
SS-21	2	"Ca, Mg"
SS-22	3	"Ca, Mg, Zn"
SS-23	3	"Ca, Mg, Zn"
SS-24	6	"Ca, Cr, Cu, Mg, Ni, Zn"
SS-25	4	"Ca, Mg, Ni, Zn"
SS-26	6	"Ca, Cr, Cu, Mg, Ni, Zn"
SS-27	6	"Ca, Cr, Cu, Mg, Ni, Zn"
SS-28	6	"Ca, Cr, Cu, Mg, Ni, Zn"
SS-29	5	"Ca, Cr, Mg, Ni, Zn"
SS-30	2	"Zn, Hg"
SS-31	2	"Ca, Mg"
SS-32	2	"Ca, Mg"
SS-33	7	"As, Ca, Cr, Cu, Mg, Ni, Zn "
SS-34	5	"Ca, Cu, Mg, Ni, Zn"
SS-35	4	"Ca, Mg, Ni, Zn"
SS-36	4	"Ca, Mg, Ni, Zn"
SS-37	6	"Ca, Cr, Cu, Mg, Ni, Zn"
SS-38	4	"Ca, Mg, Ni, Zn"
SS-39	4	"Ca, Mg, Ni, Zn"
SS-40	5	"Ca, Cu, Mg, Ni, Zn"

SAMPLE LEGEND





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DATE:_____
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Architecture, Engineering, Landscape Architecture, P.C.
431 East Fayette Street
Syracuse, New York 13202
Ph 315.472.6980
Fax 315.472.3523
E-mail BDA@Beardsley.com

SITE INVESTIGATION REPORT

CITY CROSSROADS PARK
341 PEAT STREET
SYRACUSE, NEW YORK

SURFACE SOIL METALS CONTAMINANT CONCENTRATION MAP

Project Number:	Designed By:
02850	MDK
Drawn By:	Reviewed By:
FJS	*

NO	REVISION DESCRIPTION	BY	DATE
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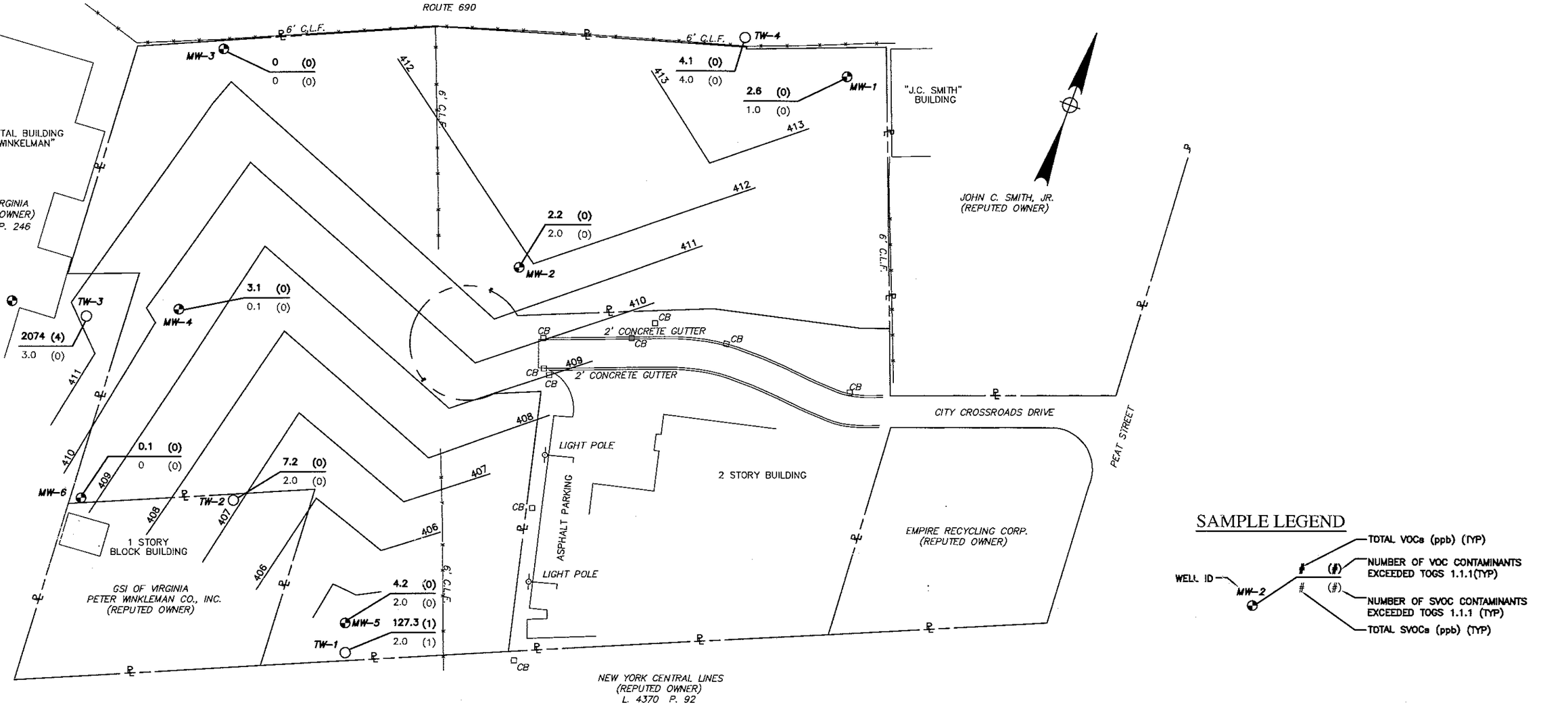
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FIG-7

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SAMPLE LEGEND

SCHEDULE

TEST WELL ID	TOTAL VOCs	# OF VOC CONTAMINANTS OVER TOGS 1.1.1	SPECIFIC CONTAMINANTS	TOTAL SVOCs	# OF SVOC CONTAMINANTS OVER TOGS 1.1.1	SPECIFIC CONTAMINANTS
MW-1	2.6	0	–	1	0	–
MW-2	2.2	0	–	2	0	–
MW-3	0	0	–	0	0	–
MW-4	3.1	0	–	0.1	0	–
MW-5	4.2	0	–	2	0	–
MW-6	0.1	0	–	0	0	–
TW-1	127.3	1	ACETONE	2	1	PHENOL
TW-2	7.2	0	–	2	0	–
TW-3	2074	5	VINYL CHLORIDE CHLOROETHANE TRANS-1,2, DICHLOROETHENE 1,1-DICHLOROETHANE CIS-1,2-DICHLOROETHANE	3	0	–
TW-4	4.1	0	–	4	0	–

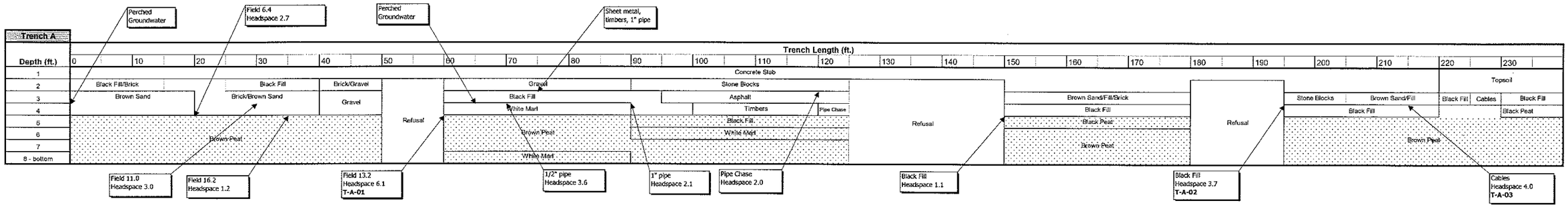
FIGURE 8 - GROUNDWATER CONTOUR / CONTAMINANT CONCENTRATION MAP

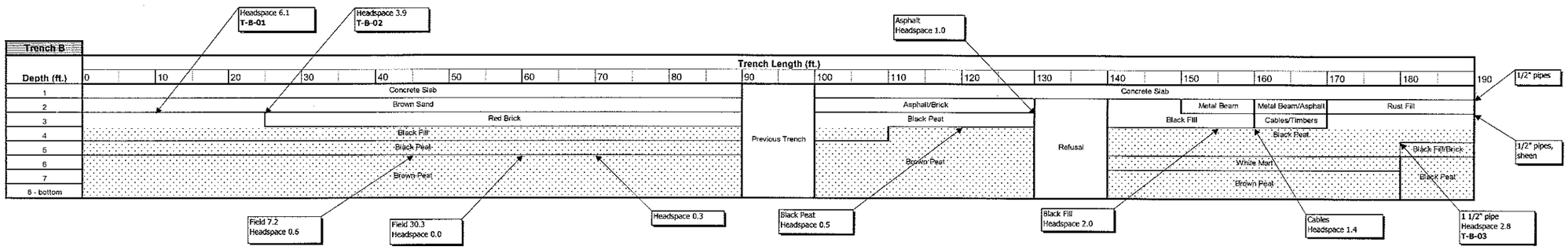
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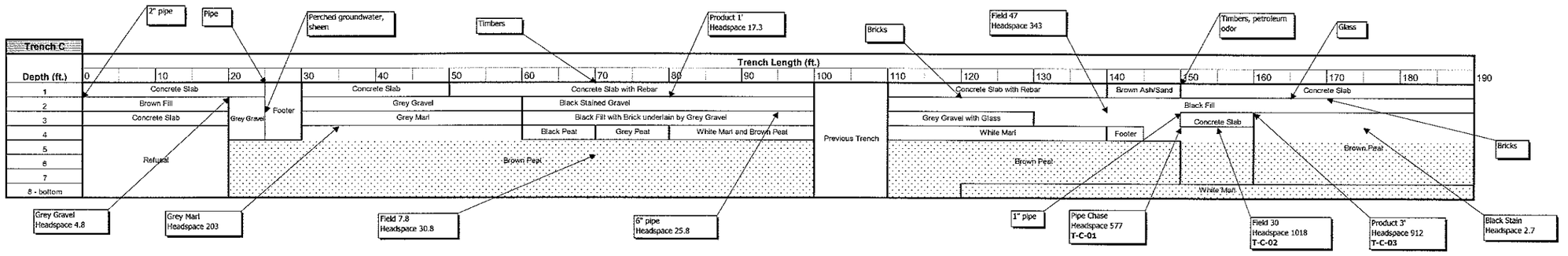
SITE INVESTIGATION REPORT

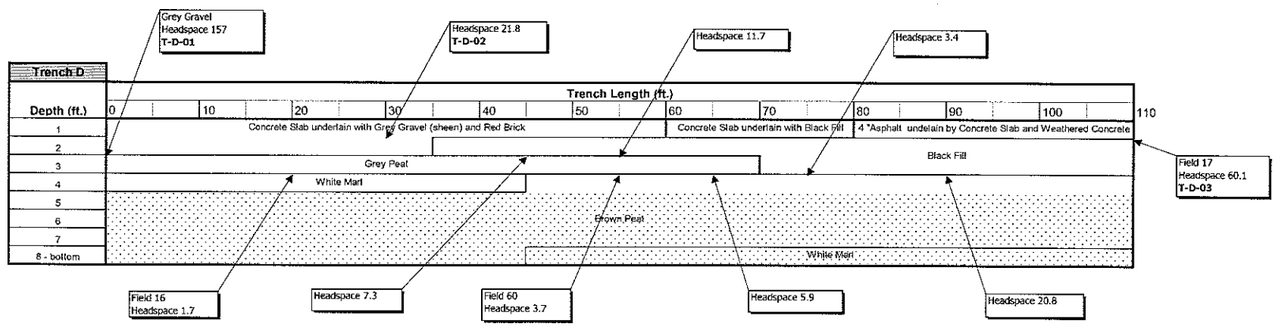
GROUNDWATER CONTOURS FROM DECEMBER 2004 MEASUREMENTS

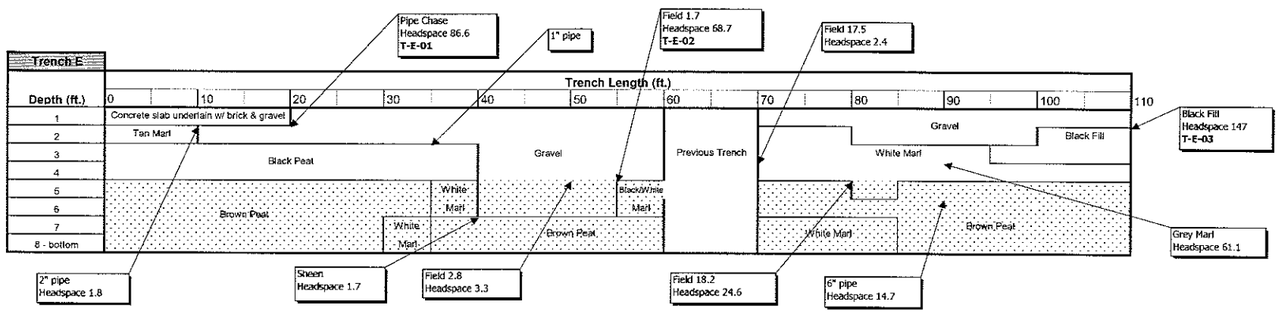
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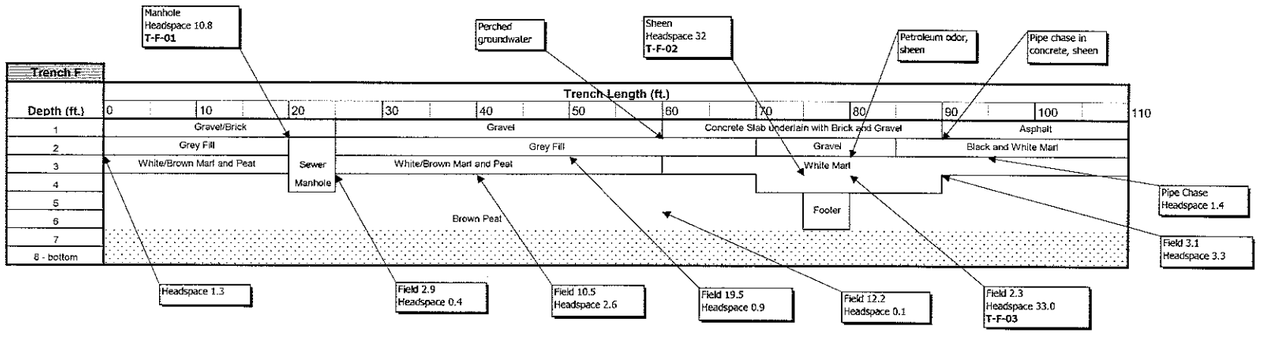

Trench A
Trench Length (ft.)
Depth (ft.)
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160
170
180
190
200
210
220
230
1
2
3
4
5
6
7
8 - bottom
Concrete Slab
Topsoil
Black Fill/Brick
Brown Sand
Black Fill
Brick/Brown Sand
Brick/Gravel
Gravel
Refusal
Gravel
Black Fill
White Marl
Brown Peat
White Marl
Stone Blocks
Asphalt
Timbers
Pipe Chase
Black Fill
White Marl
Refusal
Brown Sand/Fill/Brick
Black Fill
Black Peat
Brown Peat
Refusal
Stone Blocks
Brown Sand/Fill
Black Fill
Black Fill
Cables
Black Fill
Black Peat
Brown Peat
Perched Groundwater
Field 6.4
Headspace 2.7
Perched Groundwater
Sheet metal, timbers, 1" pipe
Field 11.0
Headspace 3.0
Field 16.2
Headspace 1.2
Field 13.2
Headspace 6.1
T-A-01
1/2" pipe
Headspace 3.6
1" pipe
Headspace 2.1
Pipe Chase
Headspace 2.0
Black Fill
Headspace 1.1
Black Fill
Headspace 3.7
T-A-02
Cables
Headspace 4.0
T-A-03

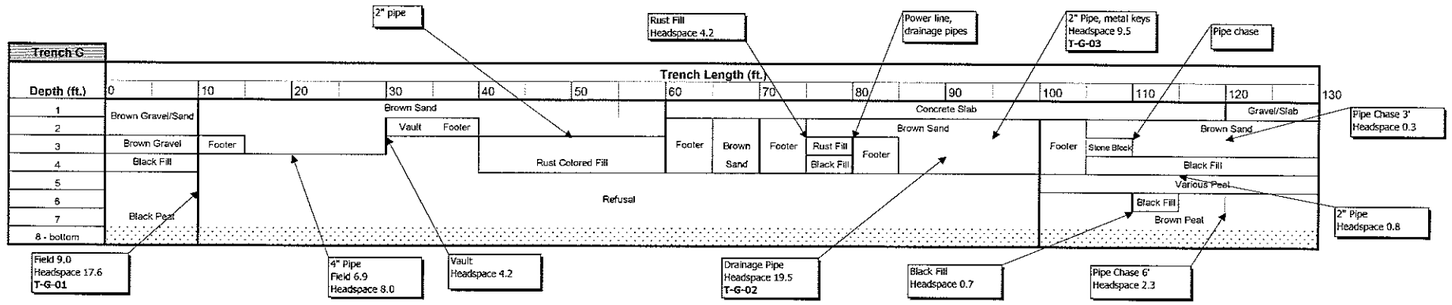

Trench B
Trench Length (ft.)
Depth (ft.)
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160
170
180
190
1
2
3
4
5
6
7
8 - bottom
Concrete Slab
Brown Sand
Red Brick
Black Fill
Black Peat
Brown Peat
Previous Trench
Asphalt/Brick
Black Peat
Brown Peat
Refusal
Concrete Slab
Metal Beam
Metal Beam/Asphalt
Rust Fill
Black Fill
Cables/Timbers
Black Peat
White Marl
Brown Peat
Black Fill/Brick
Black Peat
Headspace 6.1
T-B-01
Headspace 3.9
T-B-02
Asphalt
Headspace 1.0
1/2" pipes
1/2" pipes, sheen
Field 7.2
Headspace 0.6
Field 30.3
Headspace 0.0
Headspace 0.3
Black Peat
Headspace 0.5
Black Fill
Headspace 2.0
Cables
Headspace 1.4
1 1/2" pipe
Headspace 2.8
T-B-03

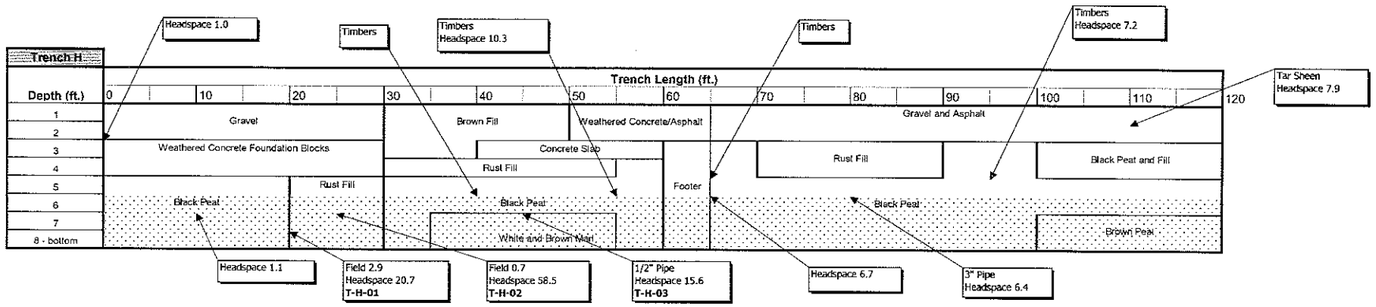

Trench C
Trench Length (ft.)
Depth (ft.)
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160
170
180
190
1
2
3
4
5
6
7
8 - bottom
Concrete Slab
Brown Fill
Concrete Slab
Grey Gravel
Footer
Refusal
Concrete Slab
Grey Gravel
Grey Marl
Concrete Slab with Rebar
Black Stained Gravel
Black Fill with Brick underlain by Grey Gravel
Black Peat
Grey Peat
White Marl and Brown Peat
Brown Peat
Previous Trench
Concrete Slab with Rebar
Brown Ash/Sand
Grey Gravel with Glass
White Marl
Footer
Brown Peat
Black Fill
Concrete Slab
Concrete Slab
Brown Peat
White Marl
2" pipe
Pipe
Perched groundwater, sheen
Timbers
Product 1'
Headspace 17.3
Bricks
Field 47
Headspace 343
Timbers, petroleum odor
Glass
Grey Gravel
Headspace 4.8
Grey Marl
Headspace 203
Field 7.8
Headspace 30.8
6" pipe
Headspace 25.8
1" pipe
Pipe Chase
Headspace 577
T-C-01
Field 30
Headspace 1018
T-C-02
Product 3'
Headspace 912
T-C-03
Bricks
Black Stain
Headspace 2.7

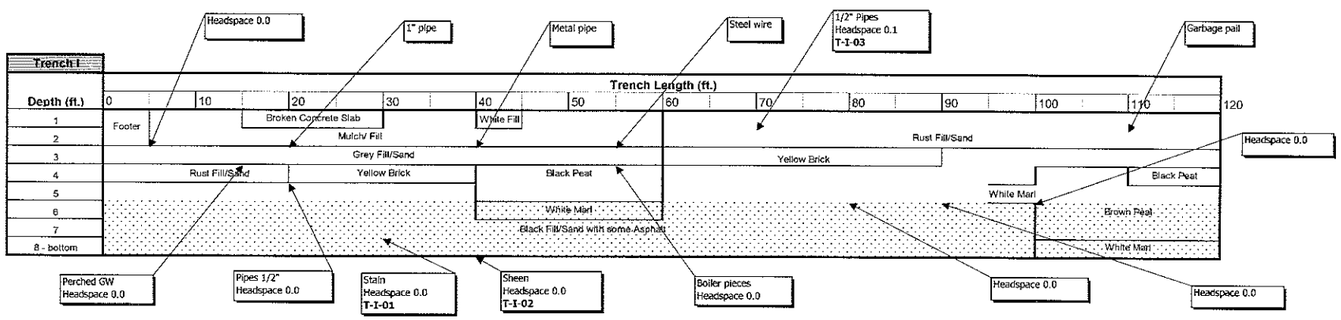

Trench D
Trench Length (ft.)
Depth (ft.)
0
10
20
30
40
50
60
70
80
90
100
110
1
2
3
4
5
6
7
8 - bottom
Concrete Slab underlain with Grey Gravel (sheen) and Red Brick
Concrete Slab underlain with Black Fill
4 "Asphalt underlain by Concrete Slab and Weathered Concrete
Grey Peat
White Marl
Brown Peat
White Marl
Black Fill
Grey Gravel
Headspace 157
T-D-01
Headspace 21.8
T-D-02
Headspace 11.7
Headspace 3.4
Field 17
Headspace 60.1
T-D-03
Field 16
Headspace 1.7
Headspace 7.3
Field 60
Headspace 3.7
Headspace 5.9
Headspace 20.8


Trench E
Trench Length (ft.)
Depth (ft.)
0
10
20
30
40
50
60
70
80
90
100
110
1
2
3
4
5
6
7
8 - bottom
Concrete slab underlain w/ brick & gravel
Tan Marl
Black Peat
Brown Peat
Gravel
White Marl
Brown Peat
Previous Trench
Gravel
White Marl
Black Fill
White Marl
Brown Peat
Pipe Chase
Headspace 86.6
T-E-01
1" pipe
Field 1.7
Headspace 68.7
T-E-02
Field 17.5
Headspace 2.4
Black Fill
Headspace 147
T-E-03
Grey Marl
Headspace 61.1
2" pipe
Headspace 1.8
Sheen
Headspace 1.7
Field 2.8
Headspace 3.3
Field 18.2
Headspace 24.6
6" pipe
Headspace 14.7


Trench F
Trench Length (ft.)
Depth (ft.)
0
10
20
30
40
50
60
70
80
90
100
110
1
2
3
4
5
6
7
8 - bottom
Gravel/Brick
Grey Fill
White/Brown Marl and Peat
Sewer
Manhole
Gravel
Grey Fill
White/Brown Marl and Peat
Concrete Slab Underlain with Brick and Gravel
Gravel
White Marl
Asphalt
Black and White Marl
Brown Peat
Footer
Pipe Chase
Headspace 1.4
Field 3.1
Headspace 3.3
Manhole
Headspace 10.8
T-F-01
Perched groundwater
Sheen
Headspace 32
T-F-02
Petroleum odor, sheen
Pipe chase in concrete, sheen
Headspace 1.3
Field 2.9
Headspace 0.4
Field 10.5
Headspace 2.6
Field 19.5
Headspace 0.9
Field 12.2
Headspace 0.1
Field 2.3
Headspace 33.0
T-F-03


Trench G
Trench Length (ft.)
Depth (ft.)
0
10
20
30
40
50
60
70
80
90
100
110
120
130
1
2
3
4
5
6
7
8 - bottom
Brown Gravel/Sand
Brown Gravel
Black Fill
Black Peat
Brown Sand
Vault
Footer
Rust Colored Fill
Refusal
Concrete Slab
Brown Sand
Rust Fill
Black Fill
Gravel/Slab
Brown Sand
Stone Block
Black Fill
Various Peat
Black Fill
Brown Peat
2" pipe
Rust Fill
Headspace 4.2
Power line, drainage pipes
2" Pipe, metal keys
Headspace 9.5
T-G-03
Pipe chase
Pipe Chase 3'
Headspace 0.3
2" Pipe
Headspace 0.8
Field 9.0
Headspace 17.6
T-G-01
4" Pipe
Field 6.9
Headspace 8.0
Vault
Headspace 4.2
Drainage Pipe
Headspace 19.5
T-G-02
Black Fill
Headspace 0.7
Pipe Chase 6'
Headspace 2.3


Trench H
Trench Length (ft.)
Depth (ft.)
0
10
20
30
40
50
60
70
80
90
100
110
120
1
2
3
4
5
6
7
8 - bottom
Gravel
Weathered Concrete Foundation Blocks
Black Peat
Rust Fill
Brown Fill
Black Peat
Weathered Concrete/Asphalt
Concrete Slab
Rust Fill
Black Peat
White and Brown Marl
Footer
Gravel and Asphalt
Rust Fill
Black Peat
Black Peat and Fill
Brown Peat
Headspace 1.0
Timbers
Timbers
Headspace 10.3
Timbers
Timbers
Headspace 7.2
Tar Sheen
Headspace 7.9
Headspace 1.1
Field 2.9
Headspace 20.7
T-H-01
Field 0.7
Headspace 58.5
T-H-02
1/2" Pipe
Headspace 15.6
T-H-03
Headspace 6.7
3" Pipe
Headspace 6.4


Trench I
Trench Length (ft.)
Depth (ft.)
0
10
20
30
40
50
60
70
80
90
100
110
120
1
2
3
4
5
6
7
8 - bottom
Footer
Broken Concrete Slab
Mulch/ Fill
Grey Fill/Sand
Rust Fill/Sand
Yellow Brick
White Fill
Black Peat
White Marl
Black Fill/Sand with some Asphalt
Rust Fill/Sand
Yellow Brick
Black Peat
White Marl
Brown Peat
White Marl
Headspace 0.0
1" pipe
Metal pipe
Steel wire
1/2" Pipes
Headspace 0.1
T-I-03
Garbage pail
Headspace 0.0
Perched GW
Headspace 0.0
Pipes 1/2"
Headspace 0.0
Stain
Headspace 0.0
T-I-01
Sheen
Headspace 0.0
T-I-02
Boiler pieces
Headspace 0.0
Headspace 0.0
Headspace 0.0

Test Pit 1: May 19, 2003

Depth (ft.)	
1	Mulch
2	
3	Mixed Fill (sandy)
4 - bottom	Brown Sand / Fill Materials
5	Concrete Slab

tire, crushed paint can; headspace 0.9

Test Pit 2: May 19, 2003

Depth (ft.)	
1	Topsoil
2	Tan Fill
3	Rust Fill
4	
5	
6	Black Fill
7	
8 - bottom	

2" pipe

petroleum odor, possible product headspace 37.8 TP-2 (5')

Test Pit 3: May 19, 2003

Depth (ft.)	
1	
2	Black Fill
3	
4	
5	
6	Brown Peat
7	
8 - bottom	White Peat

petroleum odor, headspace 7.0 TP-3 (3')

Test Pit 4: May 19, 2003

Depth (ft.)	
1	
2	Topsoil/Bricks
3	
4	
5	
6	Brown Sandy Soil
7	
8 - bottom	

wood blocks headspace 0.8

utility line

Test Pit 5: May 19, 2003

Depth (ft.)	
1	
2	
3	Brown Fill
4	Black Fill
5	White Marl
6	
7	
8 - bottom	Brown Peat

headspace 0.4

Test Pit 6: May 19, 2003

Depth (ft.)	
1	
2	Brown Fill
3	
4	Black Fill
5	White Marl
6	
7	
8 - bottom	Brown Peat

headspace 1.7 TP-6 (3')

clay drainage pipe

Test Pit 7: May 19, 2003

Depth (ft.)	
1	Concrete Slab
2	Grey Fill
3	
4	
5	Rust Fill
6	Black Peat
7	
8 - bottom	Brown Peat

struck buried monitoring well from past investigations

headspace 0.1

Test Pit 8: May 19, 2003

Depth (ft.)	
1	Concrete Slab
2	Black Fill
3	
4	
5	
6	White Marl
7	
8 - bottom	Brown Peat

headspace 6.6 TP-8 (2')

Test Pit 9: May 19,2003

Depth (ft.)	
1	
2	Brown Fill
3	
4	Black Fill
5	
6	
7	
8 - bottom	Brown Peat

electric line

headspace 0.7

Test Pit 10: May 19, 2003

Depth (ft.)	
1	Brown Fill/Asphalt
2	Tan Fill
3 - bottom	Grey Fill
4	Concrete Slab

headspace 12.3 TP-10 (2')

Test Pit 11: May 20, 2003

Depth (ft.)	
1	Concrete Slab
2	
3	
4	Black Fill
5	
6	
7	
8 - bottom	Brown Peat

headspace 23.1
TP-11 (3')

Test Pit 12: May 20, 2003

Depth (ft.)	
1	Crushed Stone/ Concrete Slab
2	Brown/Grey Fill
3	
4	Grey/Black Fill
5	White Marl
6	
7	
8 - bottom	Brown Peat

headspace 2.5

Test Pit 13: May 20, 2003

Depth (ft.)	
1	Concrete Slab
2	
3	
4	Black Fill / Brick
5	White Marl
6	
7	
8 - bottom	Brown Peat

steel chain
P-3
headspace 3.6
TP-13 (4')

Test Pit 14: May 20, 2003

Depth (ft.)	
1	Brown Fill
2	Concrete
3	Brown Fill
4	Grey/Black Fill/ Asphalt
5	Black Fill
6	
7	
8 - bottom	Brown Peat

headspace 1.0

Test Pit 15: May 20, 2003

Depth (ft.)	
1	Concrete/Asphalt
2	Brown Fill
3	Black Fill
4	White Marl
5	
6	
7	
8 - bottom	Brown Peat

steel cable

headspace 3.0
TP-15 (3')

Test Pit 16: May 20, 2003

Depth (ft.)	
1	
2	
3	Brown/Black Fill
4	White Marl
5	
6	
7	
8 - bottom	Brown Peat

headspace 2.2
M-1

Test Pit 17: May 20, 2003

Depth (ft.)	
1	Brown Fill
2	
3	Black Fill/ Brick
4	
5	Brown Fill
6	
7	
8 - bottom	White Marl

4" pipe
headspace 0.2

Test Pit 18: May 20, 2003

Depth (ft.)	
1	
2	Grey/Black Fill
3	White Marl
4	
5	
6	
7	
8 - bottom	Brown Peat

P-4
headspace 0.8
M-2

Test Pit 19: May 20, 2003

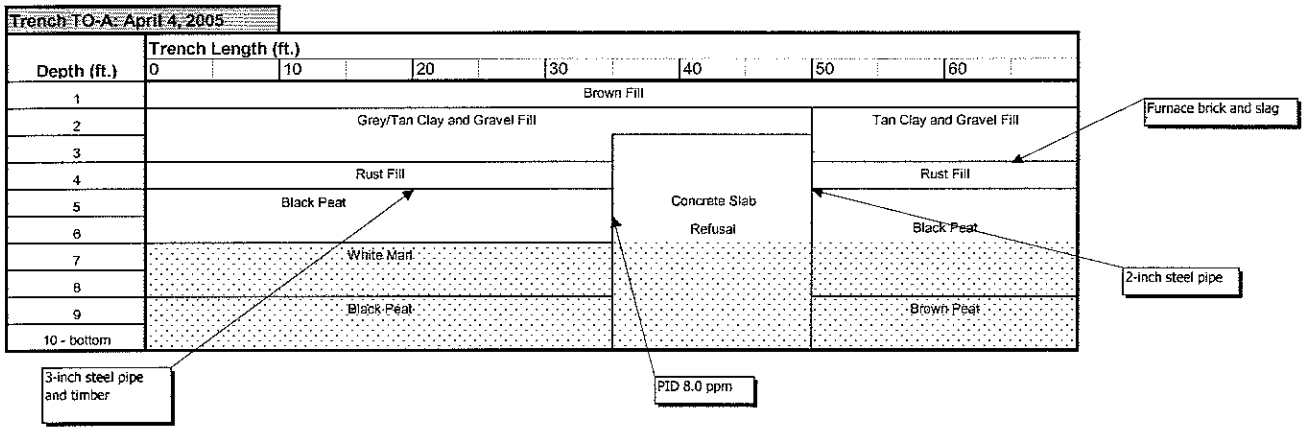
Depth (ft.)	
1	Brown Fill
2	Black Fill/ Brick
3	Dark Brown Peat
4	
5	
6	
7	
8 - bottom	Brown Peat

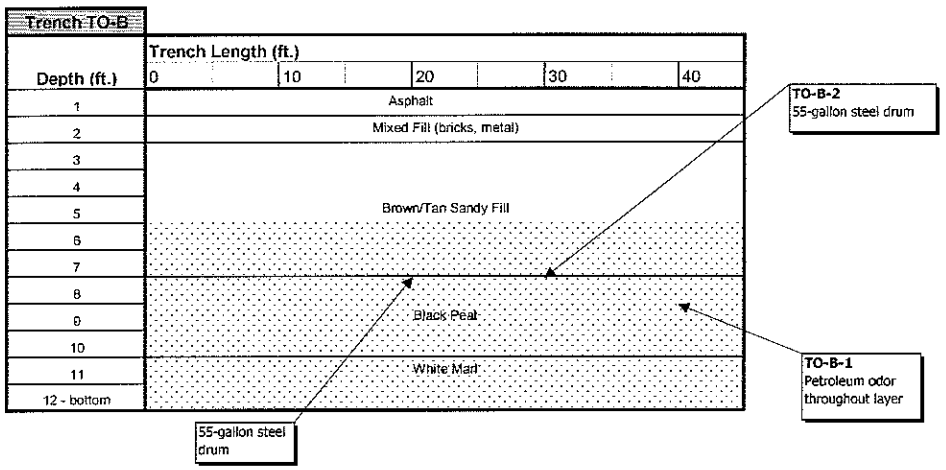
headspace 0.4
M-3

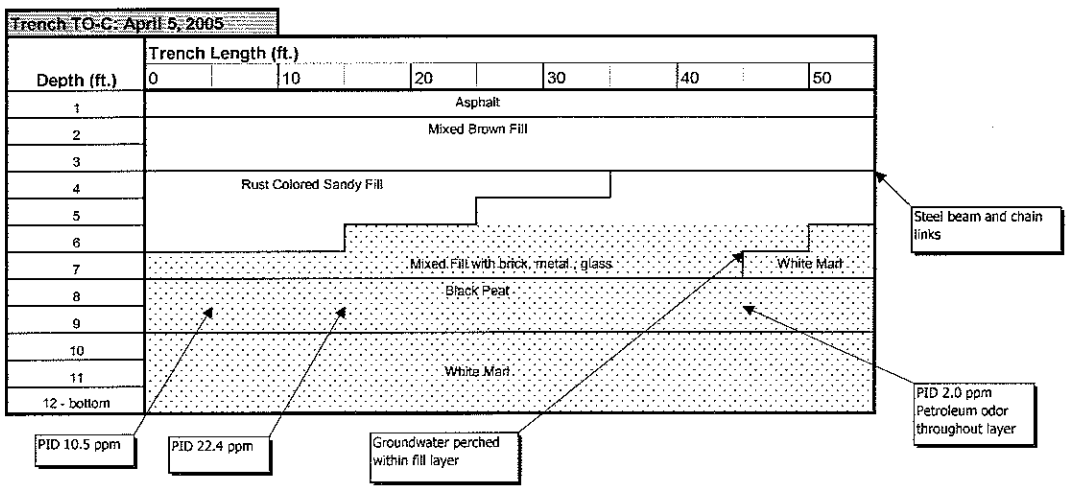
Test Pit 20: May 20, 2003

Depth (ft.)	
1	
2	Brown Fill
3	Black Fill
4	
5	
6	
7	
8 - bottom	Brown Peat

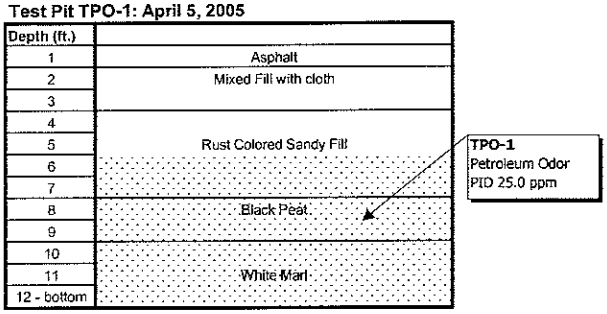
P-5
headspace 2.2
M-4


Trench TO-A: April 4, 2005
Trench Length (ft.)
Depth (ft.)
0
10
20
30
40
50
60
1
2
3
4
5
6
7
8
9
10 - bottom
Brown Fill
Grey/Tan Clay and Gravel Fill
Tan Clay and Gravel Fill
Rust Fill
Rust Fill
Black Peat
Concrete Slab
Refusal
Black Peat
White Marl
Black Peat
Brown Peat
Furnace brick and slag
2-inch steel pipe
3-inch steel pipe and timber
PID 8.0 ppm

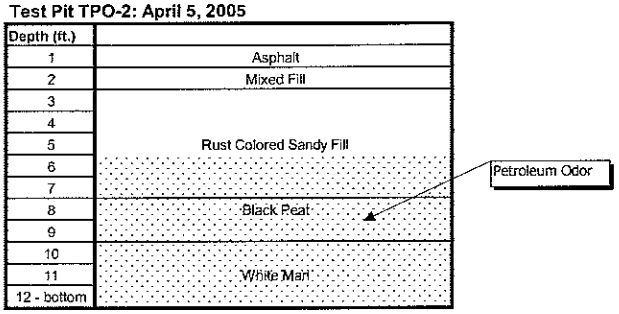

Trench TO-B
Trench Length (ft.)
Depth (ft.)
0
10
20
30
40
1
2
3
4
5
6
7
8
9
10
11
12 - bottom
Asphalt
Mixed Fill (bricks, metal)
Brown/Tan Sandy Fill
Black Peat
White Marl
TO-B-2
55-gallon steel drum
TO-B-1
Petroleum odor throughout layer
55-gallon steel drum


Trench TO-C: April 5, 2005
Trench Length (ft.)
Depth (ft.)
0
10
20
30
40
50
1
2
3
4
5
6
7
8
9
10
11
12 - bottom
Asphalt
Mixed Brown Fill
Rust Colored Sandy Fill
Mixed Fill with brick, metal , glass
White Marl
Black Peat
White Marl
Steel beam and chain links
PID 2.0 ppm
Petroleum odor throughout layer
PID 10.5 ppm
PID 22.4 ppm
Groundwater perched within fill layer

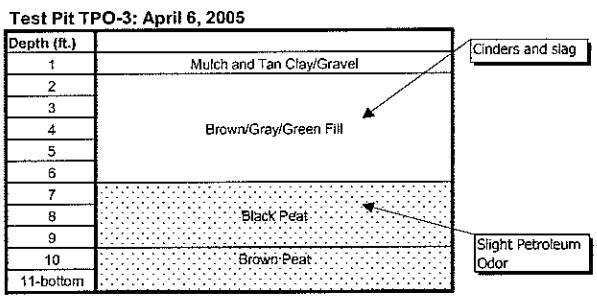
Test Pit TPO-1: April 5, 2005



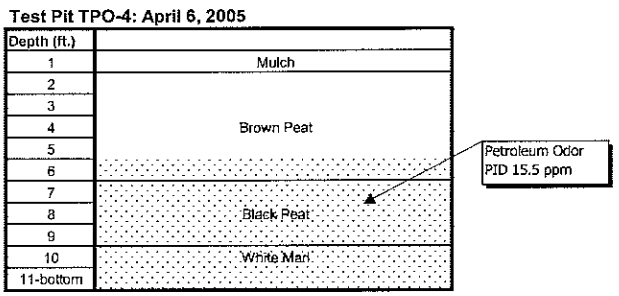
Test Pit TPO-2: April 5, 2005



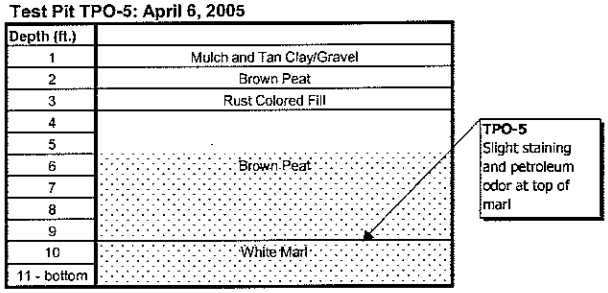
Test Pit TPO-3: April 6, 2005



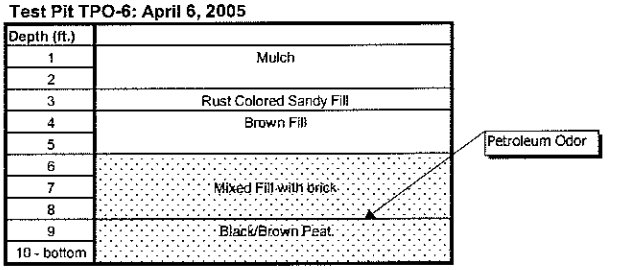
Test Pit TPO-4: April 6, 2005



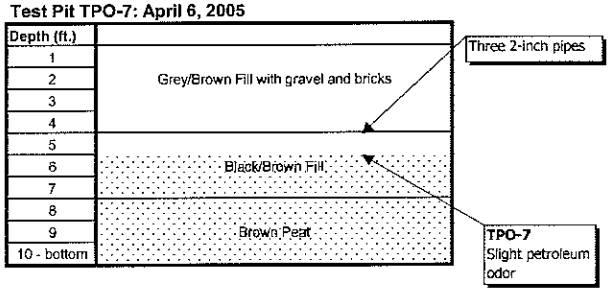
Test Pit TPO-5: April 6, 2005



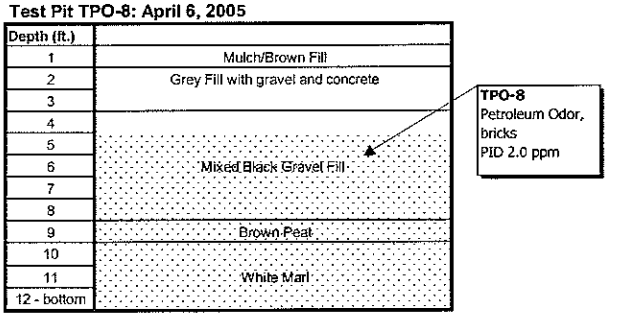
Test Pit TPO-6: April 6, 2005



Test Pit TPO-7: April 6, 2005



Test Pit TPO-8: April 6, 2005



Boring	Depth	Characteristics	Depth to Water	PID Reading (ppm)*
MW-1-03	0.0 - 1.0	Brown topsoil		0.0
	1.0 - 2.0	Black fill		2.9
	2.5 - 2.5	White Peat		1.0
	2.5 - 3.5	Brown Peat		1.9
	3.5 - 4.0	Brown Peat		2.1
	4.0 - 6.0	Brown/White Peat		0.9
	6.0 - 7.0	Grey Peat/ fill		0.0
	7.0 - 7.5	White Peat		0.3
	7.5 - 8.0	Brown Peat		0.5
	8.0 - 10.0	Brown/White Peat		0.0
	10.0 - 12.0	Brown Peat		0.9
	12.0 - 13.5	Brown Peat		0.3
	13.5 - 14.0	Grey Clay		0.0
	14.0 - 16.0	Grey Clay		0.0
	16.0 - 18.0	Grey Clay		0.3
MW-2-03	0.0 - 0.5	Concrete		0.0
	0.5 - 3.0	Black Gravel fill		0.1
	3.0 - 4.0	Black Gravel fill		0.1
	4.0 - 6.0	Black Gravel fill		0.4
	6.0 - 7.0	Black fill	6'	2.1
	7.0 - 8.0	Brown Peat/Wood		2.0
	8.0 - 9.0	Brown Peat		0.0
	9.0 - 10.0	White Peat		0.1
	10.0 - 12.0	White/Grey Peat/Wood		0.4
	12.0 - 13.5	Grey Peat		0.0
	13.5 - 14.0	Grey Clay		0.0
	14.0 - 16.0	Grey Clay		0.0
	16.0 - 18.0	Grey Clay		0.0
MW-3-03	0.0 - 0.5	Topsoil/Fill		0.0
	0.5 - 2.0	Black fill with concrete/brick		0.8
	2.0 - 3.0	Crushed stone/concrete		0.0
	3.0 - 4.0	Brown Sand Gravel		0.1
	4.0 - 6.0	Brown Peat		2.1
	6.0 - 8.0	Brown Peat		0.2
	8.0 - 10.0	Brown Peat		1.0
	10.0 - 11.0	Brown Peat		0.3
	11.0 - 12.0	Grey Clay		1.0
	12.0 - 14.0	Grey Clay		0.0
	14.0 - 16.0	Grey Clay		0.0
	16.0 - 17.5	Grey Clay		0.0
	17.5 - 18.0	Grey Clay		0.0
MW-4-03	0.0 - 0.3	Mulch		--
	0.3 - 1.0	Concrete slab (7-inches)		--
	1.0 - 2.0	Brown Sand/Gravel fill		--
	2.0 - 4.0	Brown Sand/Gravel fill		1.8
	4.0 - 4.5	Brown fill white Brick		0.3
	4.5 - 6.0	Rust Sandy fill with Brick		0.9
	6.0 - 8.0	Rust Fill/Wood/Brown Peat	7.2'	--
	8.0 - 10.0	Brown Peat/Wood		0.3
	10.0 - 12.0	Brown Peat		0.0
	12.0 - 14.0	White Peat		0.0
	14.0 - 14.5	White Peat		0.0
	14.5 - 16.0	Grey Clay		0.0
	16.0 - 18.0	Grey Clay		0.0
MW-5-03	0.0 - 1.0	Mulch/Wood		0.0
	1.0 - 2.0	Brown Sandy gravel		0.0
	2.0 - 4.0	Fine Sand (light brown rust)		0.0
	4.0 - 6.0	Fine Sand (light brown rust)		0.0
	6.0	Dark grey Cinder		0.4
	6.0 - 8.0	Black Peat (petro odor)		4.6
	8.0 - 10.0	Black Peat (petro odor)		1.6
	10.0 - 12.0	Black/Brown Peat		0.4
	12.0 - 14.0	No recovery in spoon (grey Clay and Peat cuttings)		--
	14.0 - 16.0	No recovery in spoon (grey Clay and Peat cuttings)		--
	16.0 - 19.0	Grey Clay	16'	0.0
	19.0 - 21.0	Grey Sand and Gravel		0.0
MW-3-04	0.0 - 0.5	Asphalt		2.0
	0.5 - 1.5	Mixed grey brown fill		2.0
	1.5	Concrete		2.0
	1.5 - 2.5	Mixed grey brown fill		0.0
	2.5 - 4.5	Brown Peat		0.0
	4.5 - 6.0	Brown Peat		0.0
	6.0 - 8.0	Brown Peat		1.4
	8.0 - 11.0	Brown Peat		0.0
	11.0 - 17.0	Grey Clay		0.0
	17.0 - 18.0	Grey Clay		0.0

* PID readings above background levels may be due to naturally occuring sulfur gasses present in peat/marl soils

FIGURE - 14
OFFSITE INVESTIGATION
SOIL BORING LOGS

Site Investigation Report
Former Syracuse Rigging Property
NYSDEC Brownfields Project No. B-00146-7
341 Peat Street
City of Syracuse, New York

Boring	Depth	Characteristics	Depth to Water	PID Reading (ppm)*
B-1-04	0 - 0.5	Asphalt tailings		2.9
	0.5 - 3.5	Brown fill with glass, clay, and gravel		3.0
	3.5 - 4.5	Black fill with coal		4.6
	4.5 - 7.0	Grey sandy Clay		4.6
	7.0 - 8.0	Black Peat		1.6
	8.0 - 9.0	Gravel		2.0
	9.0 - 14.0	Brown Peat with petroleum odor	12'	5.3
	14.0 - 20.0	Grey sandy Clay		3.0
		composite soil sample collected from 8'-14'		
B-2-04	0 - 0.5	Brown mulch		1.7
	0.5 - 1.5	Asphalt		1.7
	1.5 - 3.0	Brown fill with gravel		1.7
	3.0 - 5.0	Dark Brown fill with gravel		1.2
	5.0 - 5.5	White solid granular material		1.2
	5.5 - 9.5	Black Peat with petroleum odor	6'	17.8
	9.5 - 15.5	Brown Peat with sulfur odor		16.1
	15.5 - 16.0	Grey sandy Clay		1.3
		composite soil sample collected from 8'-12'		
B-3-04	0 - 0.5	Asphalt tailings		1.2
	0.5 - 3.0	Black fill with brick		3.4
	3.0 - 3.8	Brown Peat		3.4
	3.8 - 6.0	Black fill with cinders	5'	1.0
	6.0 - 11.0	Brown Peat		1.0
	11.0 - 12.0	White Marl		2.0
	12.0 - 14.0	Brown Peat		2.6
	14.0 - 16.0	White Marl with sulfur odor		24.0
	16.0 - 19.0	White/grey sandy Silt		3.2
	19.0 - 20.0	Grey sandy Clay		3.1
		composite soil sample collected from 8'-12'		
B-4-04	0 - 4.0	Brown sandy Clay with some gravel		1.3
	4.0 - 7.0	Grey Gravel	4'	1.0
	7.0 - 14.0	Brown Peat with sulfur odor		21.0
	14.0 - 20.0	No Recovery		--
		composite soil sample collected from 8'-14'		

* PID readings above background levels may be due to naturally occuring sulfur gasses present in peat/marl soils

Periodic Review Report

NYSDEC Site No. B00146

Former Syracuse Rigging Site

341 Peat Street, Syracuse, NY

Prepared for:

Syracuse Industrial Development Agency

August 2018



Periodic Review Report

NYSDEC Site Number: B00146

Former Syracuse Rigging Property

341 Peat Street
City of Syracuse, Onondaga County, New York

Prepared For:

Syracuse Industrial Development Agency
203 City Hall
233 East Washington Street
Syracuse, New York

Prepared By:

C&S Engineers
499 Colonel Eileen Collins Blvd.
Syracuse, New York 13212

August 2018

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EXECUTIVE SUMMARY

C&S Engineers has completed annual site monitoring activities required by the August 2013 Interim Site Monitoring Plan for the Former Syracuse Rigging Property (Site or Property) located at 341 Peat Street in the City of Syracuse, New York.

Findings of the annual site monitoring activities are noted in detail within this Report. The following conclusions are provided regarding the results of the annual site monitoring activities:

- The property has not been utilized for a higher level of use (such as unrestricted or restricted residential), groundwater is not being utilized, no buildings or construction activities have occurred, and vegetable gardens / farming are not being conducted at the property, all of which are consistent with the requirements noted in the Interim Site Management Plan.

- There are several Site Controls that are not in compliance with the Operations Plan included in the Interim Site Management Plan. The following deficiencies have the potential to contribute to the migration of contaminants from the property or the destruction of onsite monitoring wells:

    - Site activities are occurring on the northeastern portion of the site, which has a restriction against use unless approved by NYSDEC and NYSDOH.
    - Rutting of surface soil by trucks and heavy equipment was noted throughout the site.
    - The operation of equipment and trucks was actively causing dust.
    - Evidence that sediment / soil is being tracked offsite to Peat Street was observed.
    - Loading / unloading areas are located throughout the site.
    - Some of the groundwater monitoring wells are not protected from impact by site operations, equipment, or vehicles. The monitoring wells are not locked or marked.

- Groundwater gauging of the monitoring wells identified non-aqueous phase liquid within monitoring well MW-5 at a thickness of 2.72 feet, which is approximately 50% less than reported in the August 2015 Periodic Review Report (5.39 feet). However, both of these recorded thicknesses are significantly greater than those reported during the remedial investigation. The depth of water or non-aqueous phase liquids could not be determined for monitoring wells MW-1 or MW-3, since these wells have been damaged.

Our recommendations are provided in Section 6.0.

1.0 INTRODUCTION

1.1 SCOPE AND PURPOSE

This Periodic Review Report was completed consistent with the March 25, 2015 Site Monitoring Agreement. The purpose of the annual site monitoring activities and preparation of the Periodic Review Report are to comply with New York State Department of Environmental Conservation (NYSDEC) requirements described within the August 2013 Interim Site Management Plan for the Former Syracuse Rigging Property, identified as NYSDEC Site No. B00146.

2.0 SITE AND AREA DESCRIPTION

2.1 PROPERTY INFORMATION

The former Syracuse Rigging site, is a 6.8-acre lot located at 341 Peat Street and 100 Greenway Avenue in the City of Syracuse, New York. The location of the property is shown on **Figure 1** and **Figure 2**.

Table 2-1
Property Information

CATEGORY	PROPERTY DATA
OWNERSHIP	**SYRACUSE INDUSTRIAL DEVELOPMENT**
ADDRESS	**341 PEAT STREET, CITY OF SYRACUSE, NEW**
TAX ID	**032.1-01-05.3**
AREA	**6.8 ± ACRES**
ACCESS	**CITY CROSSROADS DRIVE/GREENWAY**

2.2 HISTORICAL SITE USE

Since circa 1890s until approximately 1956, the property was occupied by significant industrial operations. Later, from the 1960s to the present-day, operations at the site have primarily consisted of light industrial and commercial operations. The following table summarizes the operations of the historical occupants of the property.

Table 2-2
Historical Site Use

OCCUPANT	**APPROX YEARS**	OPERATIONS
ARCHIBOLD BRADY	1890s-1930s	**STRUCTURAL STEEL WORKS**
LOBE FORGE AND MANUFACTURING COMPANY	1900s-1950s	**DROP FORGE PLANT PRODUCING METAL ARTICLES IN STEEL, NICKEL,**
FINGER LAKES EQUIPMENT CORPORATION	1910s-1960s	**EQUIPMENT REPAIR AND SALES**
GENERAL MATERIALS AND WRECKING	1930s-1940s	**BUILDING MATERIALS CONTRACTOR**
BOLAND TRUCKING INC.	1950s-1960s	**TRUCKING AND DISTRIBUTION**
ONTARIO FREIGHT LINES	1960s	**TRUCKING AND DISTRIBUTION**
SYRACUSE PAINT AND VARNISH COMPANY (SPV)	1960s-1970s	**PAINT SUPPLIER (ASSUMED)**
SYRACUSE RIGGING	1970s-1990s	**RIGGING CONTRACTOR**
GREENWAY TRANSPORTATION	1990s	**TRUCKING AND DISTRIBUTION**
LEGNETTO CONSTRUCTION	1990s	**GENERAL CONTRACTOR**
SYRACUSE DPW	2000s	**MULCHING AND COMPOSTING**

2.3 SUMMARY OF ENVIRONMENTAL INVESTIGATIONS

Since the late 1980s, multiple environmental assessments and investigations have been completed for the property. The environmental investigations identified several areas of concern at the property associated with its historical industrial uses. The areas of concern were further evaluated and identified areas of petroleum / solvent and metal contamination in subsurface soils and metals in surface soils. Groundwater samples collected from site groundwater monitoring wells identified a few volatile organic compounds (VOC) and metals. Remedial activities were conducted in 2000 and 2001 and

included removal of impacted soils from select areas of concern.

The property was subsequently enrolled in the Environmental Restoration Program (ERP) and a detailed Remedial Investigation (RI) was conducted at the site. The RI included the advancement of test trenches / pits, installation of five groundwater monitoring wells, and additional soil / groundwater sampling. The findings of the RI identified the following:

- Non-native surface soils located throughout the property contain elevated concentrations of several metals.
- Non-native subsurface soils located throughout the property contained elevated concentrations of poly aromatic hydrocarbons (PAH) and metals.
- Petroleum impacted subsurface soils were noted within the northwestern portion of the property.
- Diesel impacted subsurface soils are located on the southwestern portion of the property associated with a layer of light non-aqueous phase liquid (diesel) which was identified in this area of the site.
- The results of offsite subsurface soil testing indicated that PAH and metals are present within subsurface soils, which are similar to those detected in onsite soils. PCBs were also identified within a soil sample collected at the Winkleman site (offsite, but adjacent to the west) in an area of known PCB impacts.
- Laboratory analysis of onsite soils stockpiled on the property within a soil berm indicated that elevated concentrations of PAHs are present.
- No PCBs were identified within surface and subsurface soil samples collected at the property.
- Elevated concentrations of metals were detected within on and offsite groundwater.
- Laboratory analysis of offsite groundwater collected on the Winkleman site identified elevated VOCs. The presence of chlorinated VOCs and their breakdown products indicates there is a potential for soil vapor intrusion (SVI) at the site due to the calculated groundwater flow direction.
- The presence of light non-aqueous phase liquid (diesel) was identified within groundwater monitoring well MW-5. Further investigations and bail down tests were conducted and the thickness of the light non-aqueous phase liquid decreased from 0.93 to 0.10 feet.

Refer to the December 2008 Site Investigation Report for additional detailed information.

3.0 SELECTED REMEDY

Remedial alternatives for the property were evaluated within a December 2008 Remedial Alternative Analysis Report (AAR). Additional detailed information can be found within the Record of Decision (ROD).

3.1 SUMMARY OF SELECTED REMEDY

Elements of the NYSDEC selected remedy for the property include:

- A remedial design program will be implemented to provide the details necessary for the construction, operation, maintenance, and monitoring of the remedial program. Green remediation principles and techniques will be implemented to the extent feasible in the design, implementation, and site management of the remedy.

- All on-site soils located in the north-central portion of the site which are grossly-contaminated will be excavated and transported off-site for disposal or beneficial reuse. Soil stockpiled on the site will be used to backfill the excavation. If additional fill is needed, clean fill will then be brought in to replace the remainder of the excavated soil and establish the designed grades at the site. Any grossly-contaminated soils encountered in the stockpiled soils will be disposed of off-site.

- Soil and debris stockpiled along the western portion of the site, which reportedly originated from the adjacent Winkelman site will be disposed of off-site.

- Petroleum recovery wells will be installed to remove petroleum from the subsurface in the southern portion of the site in the vicinity of monitoring well MW-5.

- A site cover will be required to allow for commercial use of the site. The cover will consist of structures such as buildings, pavement, sidewalks comprising the site development or a soil cover in areas where the upper one foot of exposed surface soil will exceed the applicable soil cleanup objectives (SCOs). Where the soil cover is required it will be a minimum of one foot of soil, meeting the SCOs for cover material as set forth in 6 NYCRR Part 375-6.7(d) for commercial use. The soil cover will be placed over a demarcation layer, with the upper six inches of the soil of sufficient quality to maintain a vegetation layer.

- Imposition of an institutional control for the controlled property that: requires the Remedial Party or Site Owner to complete and submit to the NYSDEC a periodic certification of institutional and engineering controls; allows the use and development of the controlled property for commercial and industrial uses, restricts the use of groundwater as a source of potable or process water, without

necessary water quality treatment as determined by the NYSDOH or County DOH; prohibits agriculture or vegetable gardens on the controlled property; and requires compliance with the NYSDEC approved Site Management Plan.

- A Site Management Plan (SMP) will be developed that includes an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the institutional and/or engineering controls remain in place and effective, a Monitoring Plan to assess the performance and effectiveness of the remedy, an Operation and Maintenance (O&M) Plan to ensure continued operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy, and provisions for the management and inspection of the identified institutional/engineering controls.

4.0 IC/EC COMPLIANCE

Site monitoring activities were conducted to review and identify if site controls are in compliance with the Interim Site Management Plan. SIDA indicated the following at the onset of site monitoring activities:

- There have been no changes to the use of the subject property.
- No excavation work has been conducted at the subject property.
- No additional soil, groundwater, or soil vapor sampling activities have been conducted.
- No emergency site inspections have been conducted.
- There are currently no plans for the redevelopment or remediation of the subject property.

4.1 Institutional Controls

An Environmental Notice was filed with Onondaga County for the property in August 2013. The Environmental Notice contained Institutional Controls to ensure protection of public health and the environment for the current use of the property.

Site restrictions that apply include:

- The property may only be utilized for mulching operations by the City of Syracuse Department of Public Works (DPW) provided that the site controls listed within the Interim Site Management Plan are being employed. Proposed modifications to the use of the property must be approved by the NYSDEC and NYSDOH.

- The property cannot be utilized for a higher level of use, such as unrestricted or restricted-residential use without additional remediation and amendment of Institutional Controls under guidance of the NYSDEC.

- All future activities at the property that disturb remaining contaminants must be conducted in accordance with the Interim Site Management Plan.

- Use of groundwater beneath the site is prohibited without treatment rendering it safe for its intended use.

- Vapor intrusion must be evaluated for any buildings developed on the property. Impacts that are identified must be monitored or mitigated.

- Vegetable gardens and farming are prohibited at the property.

- The site Owner/Remedial party must provide a written statement to the NYSDEC annually that certifies controls implemented at the property are unchanged, nothing has occurred that would impair the ability of the site controls to protect public health and the environment, or that constitutes a violation or failure to comply with the Interim Site Management Plan.

4.2 Engineering Controls

No engineering controls are currently in place at the subject property.

4.3 Operations Plan

An Operations Plan has been developed for the property to ensure that daily site activities do not result in the offsite migration of contaminants or adversely impact the remedial program. The plan outlines worker training and work practices followed by the DPW in order to continue use of the property for debris storage and mulching operations. Specific requirements of the Operations Plan are noted below:

- A DPW site supervisor shall be designated for the site. The site supervisor will be responsible for training all personnel working at the site and general day-to-day operations.

- DPW personnel working at the site shall be trained in work practices annually, in addition to known site hazards/contaminants.

- Site activities are not allowed on the northeastern portion of the site without prior approval from NYSDOH and NYSDEC.

- Operation of heavy machinery, trucks, and other equipment will be prohibited after periods of heavy rainfall or snow melt, unless stable roadways are constructed at the site (mulch or gravel).

- Areas of the site saturated with standing water shall be prohibited from use.

- Designated truck unloading/loading areas will be located at the site in areas that will have the least likelihood of causing offsite tracking of contaminants.

- Heavy equipment shall not disturb surface soils to the maximum extent possible (i.e. cutting into the surface with loaders or rutting).

- Methods shall be utilized to minimize and control the creation of dust at the site (i.e. watering roadways).

- All heavy equipment must be scraped clean or washed with a high-pressure water nozzle prior to leaving the site.

- Truck tires will be examined for mud/dirt by DPW personnel before they are allowed to drive off-site. If mud/dirt is observed on the tires, they will be cleaned with a shovel or high-pressure water nozzle.

- A stabilized entrance shall be positioned at points where traffic will be entering or leaving the site onto public roads. This measure will reduce the tracking of soils onto public roads or streets.

- If mud/dirt debris is observed on adjacent public roads or streets, the site supervisor must be notified. Roadways must be immediately cleaned and evaluated by the site supervisor. The site supervisor shall reconfirm truck tire tacking control procedures are being followed.

- The location of onsite groundwater monitoring wells must be appropriately marked and protected from site operations.

4.4 Property Review

Site reconnaissance of the property was performed on May 11 and August 2, 2018. During the site reconnaissance, the site was visually assessed and groundwater gauge monitoring was performed (5-11-18) for the onsite network of groundwater monitoring wells.

General Site Description

The property is currently being utilized by the City of Syracuse for debris storage and mulching operations (wood, fill material, tires, etc.). Piles of debris are located over a majority of the central and western portion of the subject property. The northeast corner of the subject property is covered with grass and shrub vegetation including small trees and thorn bushes. Heavy brush vegetation is located along the north, west, and south property boundaries. Concrete slabs are also located at the subject property in the northern portion of the subject property associated with former building foundations.

C&S conducted the site walk over to identify site conditions and the location of

groundwater monitoring wells. During the site walkover, the following site observations were noted:

Monitoring Well Network

- Monitoring well MW-1 is missing its cover and may have been vandalized, as it is filled with debris up to 4.4 feet below grade.
- The previous Periodic Review Report (August 2015 by others) indicated that monitoring well MW-4 could not be located and was believed to be either destroyed or buried with site debris. However, that well was located and gauged during this site inspection.
- Monitoring well MW-4 appears to have been impacted by equipment, causing a bend in the casing. As such, a water level measurement could not be acquired.
- The remaining monitoring wells were intact. However, some of the wells are not protected from traffic or site activities.

Emergency Contact List

- The list of emergency contact numbers noted within the Contingency Plan of the Interim Site Management Plan is posted at the entrance gate off Peat Street.

A copy of the Site Inspection Checklist is provided in **Attachment A**.

4.4.1 Review of Institutional Controls

The following observations, related to the site's Institutional Controls were noted at the time of the site reconnaissance:

- The property is currently being utilized by the DPW for debris storage and mulching operations.
- No groundwater was observed being used at the property. No potable or groundwater supply wells were observed.
- Rutting of surface soil by trucks and heavy equipment was noted throughout the site. The rutting has a potential to disturb surface soil contaminants.
- No building or construction projects were being constructed at the property.
- No vegetable gardens or farming is being conducted at the property.

4.4.2 Review of Site Controls

The following observations, related to the Site Controls / Operations were noted during the site reconnaissance:

- Site activities are occurring on the northeastern portion of the site, which has a restriction against use unless approved by NYSDEC and NYSDOH. This area is being utilized for the storage and handling of soil, as well as household

construction material and debris. This material is brought it from residents, contractors, and businesses. Large ruts are present in this area as well.

- There are truck and equipment related ruts throughout the site, many filled with ponded water.
- The operation of equipment and trucks was actively causing dust.
- Vehicles were observed leaving the property. It did not appear that vehicle tires were checked for mud / debris prior to leaving the property. Evidence that sediment / soil is being tracked offsite to Peat Street was observed.
- A stabilized entrance is being utilized at the property from City Crossroads Drive, which consists of asphalt pavement and gravel.
- Loading / unloading areas are located throughout the site.
- Not all of the groundwater monitoring wells are protected from impact by site operations, equipment, or vehicles. The monitoring wells are not locked or marked.

4.5 Groundwater Gauge Monitoring

Annual groundwater gauging was conducted at the time of the May 11, 2018 site reconnaissance. Groundwater gauging was conducted to determine if non-aqueous phase liquid has significantly changed based on prior measurements. An oil / water interface probe was utilized to determine the depth of product and groundwater within the wells. The results of the gauging are shown below.

Table 4-1
Groundwater Gauging Monitoring Log

WELL NO.	DEPTH TO NON AQUEOUS PHASE LIQUID	DEPTH TO WATER (FT)	WELL DEPTH (FT)	PVC ELEVATION (FT)	GROUNDWATER ELEVATION (FT)
MW-1	NA	NA	4.4	417.77	**NA**
MW-2	NA	6.63	20.32	417.92	**411.29**
MW-3	NA	NA	19.42	416.43	**NA**
MW-4	NA	8.05	17.05	417.97	**409.92**
MW-5	14.00	16.72	20.25	418.88	**402.16**
MW-6	**NA**	**9.02**	**20.25**	**417.97**	**408.95**

A copy of the monitoring well gauging log is provided as **Attachment B**. As discussed above, groundwater levels could not be measured for monitoring well MW-1 or MW-3, due to damage.

Non-aqueous phase liquid levels of product within monitoring well MW-5 are noted within the December 2008 Site Investigation Report and are summarized below.

Table 4-2
Historical Non-Aqueous Phase Liquid

DATE	NON-AQUEOUS PHASE LIQUID PRODUCT THICKNESS (FT)
DECEMBER 13, 2004	**0.74**
MAY 24, 2004[1]	**0.93**
MAY 25, 2004[1]	**0.49**
JUNE 24, 2005[2]	**0.60**
JUNE 27, 2005[2]	**0.60**
JUNE 29, 2005[2]	**0.28**
JULY 1, 2005[2]	**0.14**

Notes:
[1] Measurements were collected during a bail down slug test.
[2] Measurements were collected during investigation of non-aqueous phase liquid recharge rates.

The results of the groundwater gauging indicate that the thickness of non-aqueous phase liquid within monitoring well MW-5 is 2.72 feet, which is approximately 50% less than reported in the August 2015 Periodic Review Report (5.39 feet). However, both of these recorded thicknesses are significantly greater than those reported during the remedial investigation.

5.0 CONCLUSIONS

The following conclusions are provided relative to the annual site monitoring:

- The property has not been utilized for a higher level of use (such as unrestricted or restricted residential), groundwater is not being utilized, no buildings or construction activities have occurred, and vegetable gardens / farming are not being conducted at the property, all of which are consistent with the requirements noted in the Interim Site Management Plan.

- There are several Site Controls that are not in compliance with the Operations Plan included in the Interim Site Management Plan. The following deficiencies have the potential to contribute to the migration of contaminants from the property or the destruction of onsite monitoring wells:

- Site activities are occurring on the northeastern portion of the site, which has a restriction against use unless approved by NYSDEC and NYSDOH.
- Rutting of surface soil by trucks and heavy equipment was noted throughout the site.
- The operation of equipment and trucks was actively causing dust.
- Evidence that sediment / soil is being tracked offsite to Peat Street was observed.
- Loading / unloading areas are located throughout the site.
- Some of the groundwater monitoring wells are not protected from impact by site operations, equipment, or vehicles. The monitoring wells are not locked or marked.

- Groundwater gauging of the monitoring wells identified non-aqueous phase liquid within monitoring well MW-5 at a thickness of 2.72 feet, which is approximately 50% less than reported in the August 2015 Periodic Review Report (5.39 feet). However, both of these recorded thicknesses are significantly greater than those reported during the remedial investigation. The depth of water or non-aqueous phase liquids could not be determined for monitoring wells MW-1 or MW-3, since these wells have been damaged.

6.0 RECOMMENDATIONS

The findings of this Report should be forwarded to the NYSDEC. A Corrective Measures Work Plan should be prepared for the property, to outline the measures needed to bring the property in compliance with the Interim Site Management Plan. The following actions are recommended:

- In order to determine the recharge rate, the non-aqueous phase liquid within monitoring well MW-5 should be removed as detailed within Section 3.2.1 of the Interim Site Management Plan. Additional monitoring / investigation of the non-aqueous phase liquid within monitoring well MW-5 should be considered based on the thickness of non-aqueous phase liquid identified.

- Due to the damage of monitoring wells MW-1 and MW-3, these wells should be decommissioned and new wells should be installed consistent with Section 3.2.2 Interim Site Management Plan.

- Protective barriers should be installed around each well, and they should be properly locked and marked.

- Materials staged on the restricted northeast portion of the site should be removed and the cover system should subsequently be restored / reinstalled. The extent of this area should be prominently marked to restrict future access.

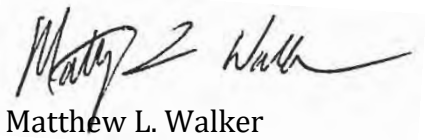
- Additional worker training is needed to acquaint DPW personnel with the

requirements of working at the site. Additional oversight by the site supervisor is warranted to ensure that DPW employees are following the requirements within the Operations Plan.

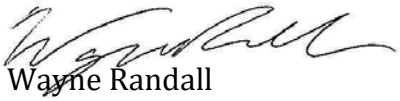
If you should have any questions regarding the content of this report, please contact our office at your convenience.

Very truly yours,

C&S Engineers



Matthew L. Walker
Senior Project Environmental Scientist

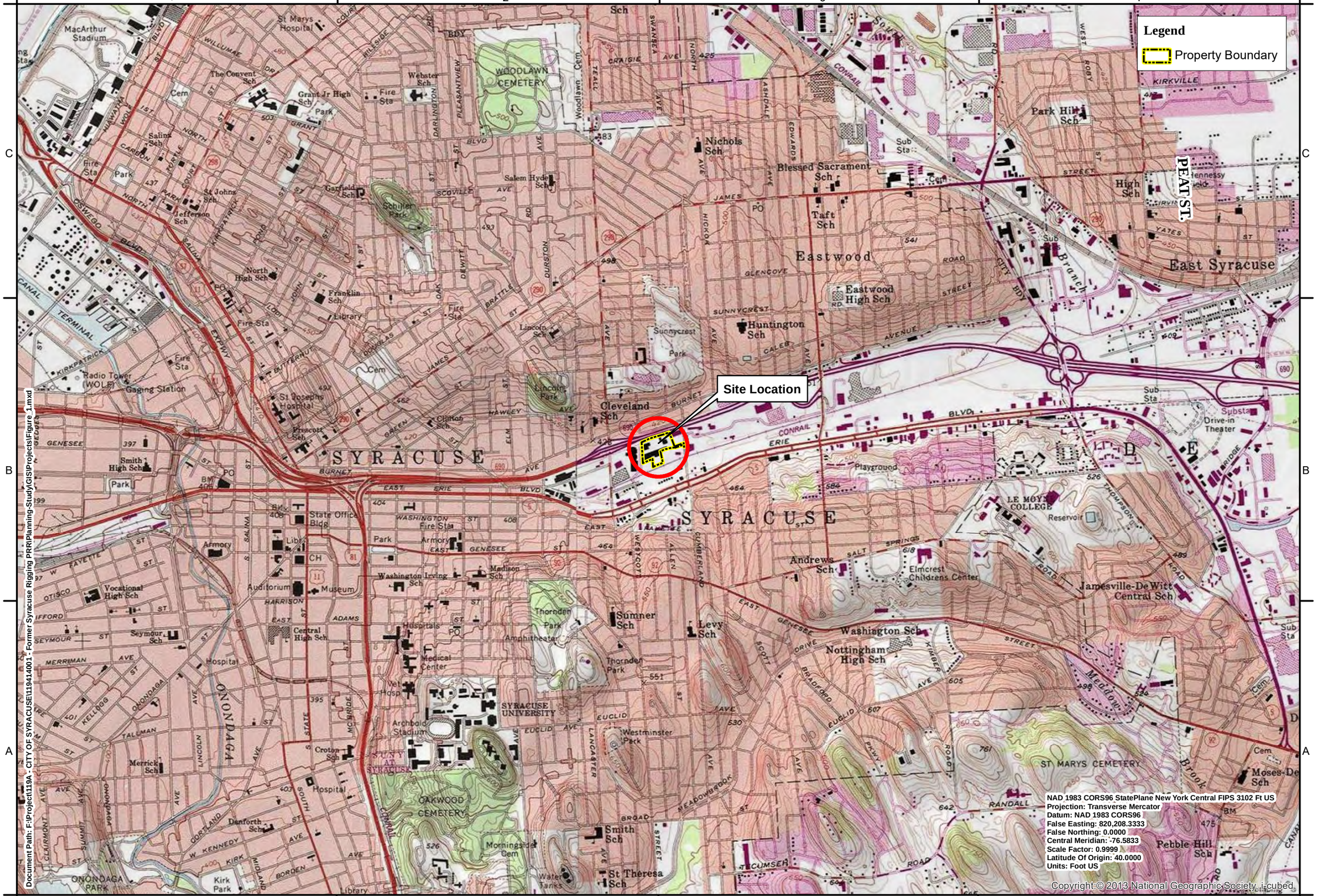


Wayne Randall
Geologist

cc: file

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FIGURES



C&S COMPANIES®
C&S Engineers, Inc.
499 Col. Eileen Collins Blvd.
Syracuse, New York 13212
Phone: 315-455-2000
Fax: 315-455-9667
www.cscos.com

N

0 2,000 Feet

1 inch = 2,000 feet

Former Sryacuse Rigging Property
NYSDEC Site No. B00146
341 Peat Street, Syracuse, New York

PROJECT NO:	119.414.001
DATE:	May 2018
SCALE:	AS SHOWN
DRAWN BY:	
DESIGNED BY:	WNR
CHECKED BY:	MLW

Modified: 5/24/2018 @ 8:17:15 AM

Site Location Map

Figure 1



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Phone: 315-455-2000
Fax: 315-455-9667
www.cscos.com

N

0 100 Feet

1 inch = 100 feet

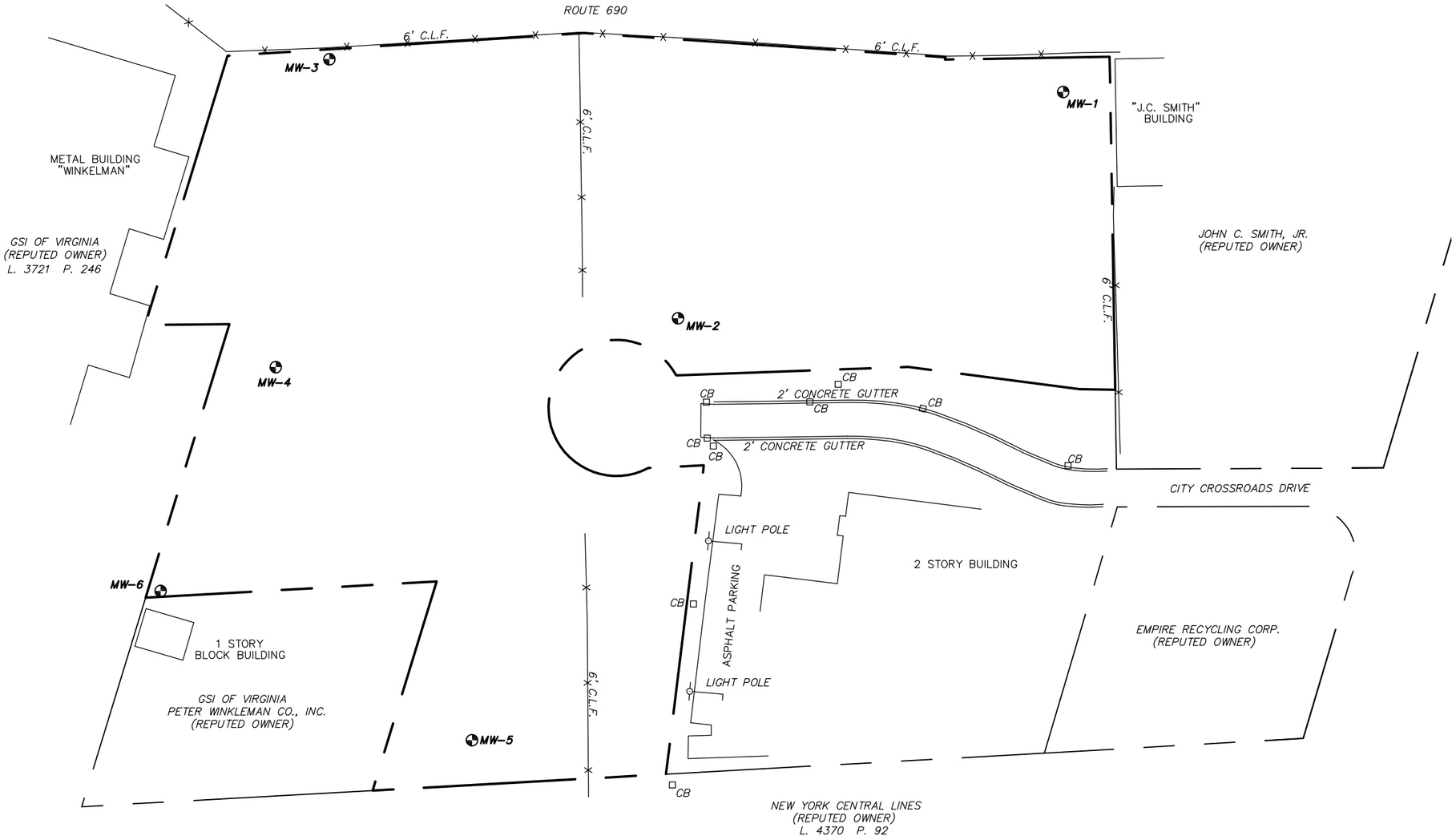
Former Sryacuse Rigging Property
NYSDEC Site No. B00146
341 Peat Street, Syracuse, New York

PROJECT NO:	119.414.001
DATE:	May 2018
SCALE:	AS SHOWN
DRAWN BY:	
DESIGNED BY:	WNR
CHECKED BY:	MLW

Modified: 5/24/2018 @ 8:43:32 AM

Aerial Photograph

Figure 2



LEGEND

MW-# APPROXIMATE MONITORING WELL LOCATION

SCALE IN FEET

100 0 100 200

SCALE: 1''=100'

FIGURE 3 - GROUNDWATER MONITORING WELL NETWORK

Former Syracuse Rigging Property
341 Peat Street
Syracuse, New York

Interim Site Management Plan

Scale: 1" = 100'

13045

ATTACHMENT A

SITE INSPECTION CHECKLIST

Site Inspection Checklist
Former Syracuse Rigging Property
ERP Site No. B00146

Date: 5/11/2018 By: J. Berti Project: Periodic Review Well Monitoring

General:

Site and Area Description: Syracuse Rigging Site currently used by the City of Syracuse (COS) for household yard waste and household general construction waste transferring (Mulching + transfer area)
Site Conditions: The site entrance is paved (City Crossroads Drive) the rest of the site is dirt + debris. City Trucks come in and out with loads of household yard + construction waste. Loaders load / unload the trucks in various locations on site. Large ruts are present in the soil onsite. Ponding water was observed in many of the ruts. Dust was observed coming from truck tires throughout the site. The City Crossroads Drive entrance/exit was noted with sediment tracked onto Peat Street. The NE Section prohibited from use w/o prior approval is filled in w/ dirt piles + was being loaded into trucks when I arrived
Are Site Records up to date: Contact list was not noted at site entrance

Institutional Controls:

Is site being utilized used for a commercial or industrial use: Mulching + household trash/construction debris transfer area Staged and then taken to disposal sites	~~Yes~~	No
Is groundwater being utilized at the site:	Yes	No
Have activities occurred onsite that have disturbed remaining contamination: Large ruts, dust, offsite tracking from trucks	~~Yes~~	No
Are buildings being constructed onsite: If yes has soil vapor intrusion been evaluated:	Yes	~~No~~
Are vegetables gardens or farming occurring at the site:	Yes	No

Site Inspection Checklist
Former Syracuse Rigging Property
ERP Site No. B00146

Site Controls:

Are site activities occurring on the northeastern portion of the site: Soil/household refuse storage/hauling causing large ruts in the soil	(Yes)	No
Are areas of the site saturated with water: If yes has use been suspended in these areas: Yes, it appears trucks do not avoid areas with ponded water in ruts	(Yes)	No
Is heavy equipment disturbing surface soils: yes, ruts all over	(Yes)	No
Is dust being created at the site: yes, from equip + truck tires	(Yes)	No
Are truck tires being evaluated for mud and debris prior to leaving the site: NO, No apparent control measures present	Yes	(No)
Is a stabilized entrance being utilized: Entrance/Exit is paved however sediment was seen all the way to Peat Street	(Yes)	No
Is mud/debris located on adjacent streets yes, Peat Street	(Yes)	No
Are designated unloading/loading area being utilized at the site: It appears disorganized and ectivities occur all over.	Yes	(No)
Are groundwater monitoring well properly marked and protected: No, recommend replacing MW-1 & MW-3 + protection All with Jersey barriers painted for visual definition	Yes	(No)

Notes:

Dust, ponded water, sediment on Peat Street, Household wastes/ construction debris/concrete/tires located in south west corner. Ann stated she believes Contractors + businesses are dumping materials at the household debris dropoff site.
- Recommend replacing MW-1 + MW-3. Recommend Protection all wells w/ Iron 6" Pipe and Jersey barriers
- Thick free product noted in MW-5. See photos for detail

Site Inspection Checklist
Former Syracuse Rigging Property
ERP Site No. B00146

Notes:

Are emergency Contacts listed @ the Site? Not Seen

ATTACHMENT B

MONITORING WELL SAMPLING LOG

MONITORING WELL SAMPLING LOG

DATE: 5/11/18 BY: JTB Site: Conditions:

	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
Casing Elevation	417.77	417.92	416.43	417.97	418.88	417.97
Depth to Product (ft)	NA	NA	NA	NA	14.00	NA
Initial Depth to Water (ft)	NA	6.63	NA	8.05	16.72	9.02
Depth to Bottom (ft)	4.4	20.32	NA	17.05	20.25	20.25
Water Column Height (ft)	NA	13.69	NA	9.00	3.53	11.23
3-5 Water Volume (gal)						
Volume Purged (gal)						

Remarks (secured/locked, odor, sheen, color, etc.)

Time	1032	1026	1000	1011	1040	1021
Begin Purge						
End Purge						
Sample Well					odor and black	
Lab Analyses					NAPL present	

Field Analyses (if applicable)

	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6	
	pre purge	post purge	pre purge	post purge	pre purge	post purge	pre purge	post purge	pre purge	post purge	pre purge	post purge
Temp												
pH												
DO (mg/l)												
Turb. (NTU)												

Volume Factors:
1" well: 0.041 gal/ft
2" well: 0.163 gal/ft
4" well: 0.653 gal/ft

RECORD OF DECISION

Former Syracuse Rigging Property
Environmental Restoration Project
Syracuse (c), Onondaga County
Site No. B00146
March 2012



Prepared by
Division of Environmental Remediation
New York State Department of Environmental Conservation

DECLARATION STATEMENT - RECORD OF DECISION

Former Syracuse Rigging Property
Environmental Restoration Project
Syracuse (c), Onondaga County
Site No. B00146
March 2012

Statement of Purpose and Basis

This document presents the remedy for the Former Syracuse Rigging Property site, an environmental restoration site. The remedial program was chosen in accordance with the New York State Environmental Conservation Law and Title 6 of the Official Compilation of Codes, Rules and Regulations of the State of New York (6 NYCRR) Part 375.

This decision is based on the Administrative Record of the New York State Department of Environmental Conservation (the Department) for the Former Syracuse Rigging Property site and the public's input to the proposed remedy presented by the Department. A listing of the documents included as a part of the Administrative Record is included in Appendix B of the ROD.

Description of Selected Remedy

The elements of the selected remedy are as follows:

1. A remedial design program will be implemented to provide the details necessary for the construction, operation, maintenance, and monitoring of the remedial program. Green remediation principles and techniques will be implemented to the extent feasible in the design, implementation, and site management of the remedy as per DER-31. The major green remediation components are as follows;

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
- Reducing direct and indirect greenhouse gas and other emissions;
- Increasing energy efficiency and minimizing use of non-renewable energy;
- Conserving and efficiently managing resources and materials;
- Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste;
- Maximizing habitat value and creating habitat when possible;
- Fostering green and healthy communities and working landscapes which balance ecological, economic and social goals; and
- Integrating the remedy with the end use where possible and encouraging green and sustainable re-development.

2. All on-site soils located in the north-central portion of the site which are grossly-contaminated as defined by 6 NYCRR Part 375-1.2(u) will be excavated and transported off-site for disposal or beneficial reuse. It is anticipated this excavation area will extend to a depth of approximately 4 feet over an area of 3,500 square feet. The approximate limits of the excavation are indicated on Figure 4. Approximately 520 cubic yards of soil will be removed.

3. Soil stockpiled on the site will be used to backfill the excavation. If additional fill is needed, clean fill will then be brought in to replace the remainder of the excavated soil and establish the designed grades at the site. Any fill material brought to the site will meet the requirements for the identified site use as set forth in 6 NYCRR Part 375-6.7(d). If the quantity of the stockpiled soil exceeds the volume of the excavation, the stockpiled will be spread across the site under a cover system. Any grossly-contaminated soils encountered in the stockpiled soils will be disposed of off-site.

4. Soil and debris stockpiled along the western portion of the site which reportedly originated from the adjacent Winkelman property will be disposed of off-site.

5. Petroleum recovery wells will be installed to remove petroleum from the subsurface in the southern portion of the site in the vicinity of MW-5. The details of the wells and recovery system will be determined during the remedial design phase.

6. A site cover will be required to allow for commercial use of the site. The cover will consist either of the structures such as buildings, pavement, sidewalks comprising the site development or a soil cover in areas where the upper one foot of exposed surface soil will exceed the applicable soil cleanup objectives (SCOs). Where the soil cover is required it will be a minimum of one foot of soil, meeting the SCOs for cover material as set forth in 6 NYCRR Part 375-6.7(d) for commercial use. The soil cover will be placed over a demarcation layer, with the upper six inches of the soil of sufficient quality to maintain a vegetation layer. Any fill material brought to the site will meet the requirements for the identified site use as set forth in 6 NYCRR Part 375-6.7(d).

7. Imposition of an institutional control in the form of an environmental easement for the controlled property that:

- 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);
- allows the use and development of the controlled property for commercial and industrial uses as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
- restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH;
- prohibits agriculture or vegetable gardens on the controlled property; and
- requires compliance with the Department approved Site Management Plan.

8. A Site Management Plan is required, which includes the following:

a. an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:

Institutional Controls: The Environmental Easement discussed in Paragraph 6 above.
Engineering Controls: The soil cover discussed in Paragraph 5 and the petroleum recovery system discussed in Paragraph 4.

This plan includes, but may not be limited to:

- an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;
- descriptions of the provisions of the environmental easement including any land use and groundwater use restrictions;
- a provision for evaluation of the potential for soil vapor intrusion for any buildings developed on the site, including provision for implementing actions recommended to address exposures related to soil vapor intrusion;
- provisions for the management and inspection of the identified engineering controls;
- maintaining site access controls and Department notification; and
- the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

b. a Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes, but may not be limited to:

- monitoring of groundwater to assess the performance and effectiveness of the remedy;
- a schedule of monitoring and frequency of submittals to the Department;
- monitoring for vapor intrusion for any buildings occupied or developed on the site, as may be required by the Institutional and Engineering Control Plan discussed in item a. above.

c. an Operation and Maintenance (O&M) Plan to ensure continued operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy. The plan includes, but is not limited to:

- compliance monitoring of treatment systems to ensure proper O&M as well as providing the data for any necessary permit or permit equivalent reporting;
- maintaining site access controls and Department notification; and
- providing the Department access to the site and O&M records.

New York State Department of Health Acceptance

The New York State Department of Health (NYSDOH) concurs that the remedy for this site is protective of human health.

Declaration

The selected remedy is protective of human health and the environment, complies with State and Federal requirements that are legally applicable or relevant and appropriate to the remedial action to the extent practicable, and is cost effective. This remedy utilizes permanent solutions and alternative treatment or resource recovery technologies, to the maximum extent practicable, and satisfies the preference for remedies that reduce toxicity, mobility, or volume as a principal element.

March 29,2012

Date

Robert W. Schick, P.E., Acting Director
Division of Environmental Remediation

RECORD OF DECISION

Former Syracuse Rigging Property
Syracuse (c), Onondaga County
Site No. B00146
March 2012

SECTION 1: SUMMARY AND PURPOSE

The New York State Department of Environmental Conservation (the Department), in consultation with the New York State Department of Health (NYSDOH), has selected a remedy for the above referenced site. The disposal of contaminants at the site has resulted in threats to public health and the environment that will be addressed by the remedy. The disposal or release of contaminants at this site, as more fully described in this document, has contaminated various environmental media. Contaminants include hazardous waste and/or petroleum. The remedy is intended to attain the remedial action objectives identified for this site for the protection of public health and the environment. This Record of Decision (ROD) identifies the selected remedy, summarizes the other alternatives considered, and discusses the reasons for selecting the remedy.

The 1996 Clean Water/ Clean Air Bond Act provides funding to municipalities for the investigation and cleanup of brownfields. Brownfields are abandoned, idled, or under-used properties where redevelopment is complicated by real or perceived environmental contamination. They typically are former industrial or commercial properties where operations may have resulted in environmental contamination. Brownfields often pose not only environmental, but legal and financial burdens on communities. Under the Environmental Restoration Program, the state provides grants to municipalities to reimburse up to 90 percent of eligible costs for site investigation and remediation activities. Once remediated, the property can then be reused.

The Department has issued this document in accordance with the requirements of New York State Environmental Conservation Law and 6 NYCRR Part 375. This document is a summary of the information that can be found in the site-related reports and documents.

SECTION 2: CITIZEN PARTICIPATION

The Department seeks input from the community on all remedies. A public comment period was held, during which the public was encouraged to submit comment on the proposed remedy. All comments on the remedy received during the comment period were considered by the Department in selecting a remedy for the site. Site-related reports and documents were made available for review by the public at the following document repositories:

Onondaga County Public Library

The Galleries of Syracuse
447 South Salina Street
Syracuse, NY 13202
Phone: 315-435-1900

NYSDEC
Attn: Joshua Cook
615 Erie Blvd West
Syracuse, NY 13204
Phone: 315-426-7411

A public meeting was also conducted. At the meeting, the findings of the remedial investigation (RI) and the alternatives analyses (AA) were presented along with a summary of the proposed remedy. After the presentation, a question-and-answer period was held, during which verbal or written comments were accepted on the proposed remedy.

Comments on the remedy received during the comment period are summarized and addressed in the responsiveness summary section of the ROD.

Receive Site Citizen Participation Information By Email

Please note that the Department's Division of Environmental Remediation (DER) is "going paperless" relative to citizen participation information. The ultimate goal is to distribute citizen participation information about contaminated sites electronically by way of county email listservs. Information will be distributed for all sites that are being investigated and cleaned up in a particular county under the State Superfund Program, Environmental Restoration Program, Brownfield Cleanup Program, Voluntary Cleanup Program, and Resource Conservation and Recovery Act Program. We encourage the public to sign up for one or more county listservs at http://www.dec.ny.gov/chemical/61092.html

SECTION 3: SITE DESCRIPTION AND HISTORY

Location: The Former Syracuse Rigging Property is an approximately 6.8 acre site located in the City of Syracuse at 341 Peat Street, approximately 800 feet north of the intersection of Peat Street and Erie Boulevard East. It is bordered to the north by Interstate Route 690, to the east by commercial properties and Peat Street, to the south by CSX property and commercial and industrial properties, and to the west by the former D.W. Winkelman Company property.

Site Features: The property is generally flat and is partially covered with overgrown brush and vegetation, crushed stone, and portions of concrete slabs associated with the former building foundations. There are several piles of vegetative debris at the site, associated with current operations at the site. There are berms of soil located on-site that were generated by a soil excavation performed in 2001.

Current Zoning/Use(s): The site is currently zoned for commercial use. The City of Syracuse Department of Public Works is temporarily utilizing the site for mulching operations and storage

of vegetative debris. The surrounding properties are used for commercial and industrial purposes.

Historic Uses(s): The site formerly supported several commercial and industrial operations since at least the 1890s, including a structural steel works (Archbold Brady Company), a forge shop and machine shop (Globe Forge and Manufacturing Company), an equipment repair facility (Finger Lakes Equipment Corporation), a paint and varnish supplier (Syracuse Paint and Varnish Company), several contractors and several trucking companies. Prior uses that appear to have led to site contamination include the various industrial operations and the release of petroleum products to the ground from point sources (i.e., bulk storage tanks and associated piping).

Several environmental investigations were conducted prior to the site entering the Environmental Restoration Program. Several areas of concern were identified by these investigations. In 2001, petroleum impacted soils were excavated from the northeast portion of the site and stockpiled on-site in berms, which remain on-site.

Site Geology and Hydrogeology: Native unconsolidated soils in the vicinity of the site generally consist of glaciolacustrine deposits, which consist primarily of fine sand and silt, but also include gravel, coarse sands and clay, underlain by glacial till.

Three basic geologic units were identified at the site during the investigation. The uppermost unit consists of fill, followed by a layer of peat and marl, which is underlain by clay. The fill unit ranged from approximately 3 to 5 feet thick and consisted of sand and/or silt mixed with concrete, brick, ash, cinders, wood, stone and other debris.

The fill layer was underlain by a layer which consisted primarily of brown peat and extended to approximately 11-14 feet below grade. This layer also contained black and gray peat, and marl which varied in color, but was primarily white with some brown and black.

Gray clay was encountered below the peat and marl layer and extended to at least 19 feet below grade. The clay layer ranged from at least 3 feet thick to at least 7 feet thick. In one location the clay layer was penetrated and was found to be underlain by gray sand and gravel from 19 to 21 feet below grade.

Groundwater was encountered at depths ranging from 4 feet to 14 feet below grade and appears to flow generally to the south. Along the western side of the site, groundwater appears to flow towards the southeast. Perched groundwater was also encountered in some locations in veins of fill materials.

A site location map is attached as Figure 1.

SECTION 4: LAND USE AND PHYSICAL SETTING

The Department may consider the current, intended, and reasonably anticipated future land use of the site and its surroundings when evaluating a remedy for soil remediation. For this site, alternatives (or an alternative) that restrict(s) the use of the site to commercial use (which allows for industrial use) as described in Part 375-1.8(g) were/was evaluated in addition to an

alternative which would allow for unrestricted use of the site.

A comparison of the results of the RI to the appropriate standards, criteria and guidance values (SCGs) for the identified land use and the unrestricted use SCGs for the site contaminants is included in the Tables for the media being evaluated in Exhibit A.

SECTION 5: ENFORCEMENT STATUS

Potentially Responsible Parties (PRPs) are those who may be legally liable for contamination at a site. This may include past or present owners and operators, waste generators, and haulers.

No PRPs have been documented to date.

Since no viable PRPs have been identified, there are currently no ongoing enforcement actions. However, legal action may be initiated at a future date by the state to recover state response costs should PRPs be identified. Syracuse Industrial Development Agency will assist the state in its efforts by providing all information to the state which identifies PRPs. Syracuse Industrial Development Agency will also not enter into any agreement regarding response costs without the approval of the Department.

SECTION 6: SITE CONTAMINATION

6.1: Summary of the Remedial Investigation

A Remedial Investigation (RI) has been conducted. The purpose of the RI was to define the nature and extent of any contamination resulting from previous activities at the site. The field activities and findings of the investigation are described in the RI Report.

The following general activities are conducted during an RI:

- Research of historical information,
- Geophysical survey to determine the lateral extent of wastes,
- Test pits, soil borings, and monitoring well installations,
- Sampling of waste, surface and subsurface soils, groundwater, and soil vapor,
- Sampling of surface water and sediment,
- Ecological and Human Health Exposure Assessments.

The analytical data collected on this site includes data for:

- groundwater
- soil

6.1.1: Standards, Criteria, and Guidance (SCGs)

The remedy must conform to promulgated standards and criteria that are directly applicable or that are relevant and appropriate. The selection of a remedy must also take into consideration guidance, as appropriate. Standards, Criteria and Guidance are hereafter called SCGs.

To determine whether the contaminants identified in various media are present at levels of concern, the data from the RI were compared to media-specific SCGs. The Department has developed SCGs for groundwater, surface water, sediments, and soil. The NYSDOH has developed SCGs for drinking water and soil vapor intrusion. The tables found in Exhibit A list the applicable SCGs in the footnotes. For a full listing of all SCGs see: http://www.dec.ny.gov/regulations/61794.html

6.1.2: RI Results

The data have identified contaminants of concern. A "contaminant of concern" is a contaminant that is sufficiently present in frequency and concentration in the environment to require evaluation for remedial action. Not all contaminants identified on the property are contaminants of concern. The nature and extent of contamination and environmental media requiring action are summarized in Exhibit A. Additionally, the RI Report contains a full discussion of the data. The contaminant(s) of concern identified at this site is/are:

ARSENIC	ZINC
NICKEL	BENZ(A)ANTHRACENE
BARIUM	BENZO(A)PYRENE
LEAD	BENZO(B)FLUORANTHENE
CHROMIUM	Chrysene
COPPER	DIBENZ[A,H]ANTHRACENE
MERCURY	indeno(1,2,3-cd)pyrene
SELENIUM	Petroleum Products

As illustrated in Exhibit A, the contaminant(s) of concern exceed the applicable SCGs for:

- groundwater
- soil

6.2: Interim Remedial Measures

An interim remedial measure (IRM) is conducted at a site when a source of contamination or exposure pathway can be effectively addressed before issuance of the Record of Decision.

There were no IRMs performed at this site during the RI.

6.3: Summary of Environmental Assessment

This section summarizes the assessment of existing and potential future environmental impacts presented by the site. Environmental impacts may include existing and potential future exposure pathways to fish and wildlife receptors, wetlands, groundwater resources, and surface water.

Based upon the resources and pathways identified and the toxicity of the contaminants of ecological concern at this site, a Fish and Wildlife Resources Impact Analysis (FWRIA) was deemed not necessary for OU 01.

Nature and Extent of Contamination: The primary contaminants of concern at the site are petroleum, several semi-volatile organic compounds (SVOCs) and several metals, primarily nickel and arsenic.

Soil: Petroleum-impacted soils were encountered in several locations which were identified by the presence of petroleum, odors, staining or some combination. Two areas were more heavily impacted by petroleum; one being in the north-central portion of the site, and the other in the south portion of the site.

Several polycyclic aromatic hydrocarbons (PAHs), a subset of SVOCs, were detected in sub-surface soils in various locations across the site at concentrations exceeding unrestricted use soil cleanup objectives (SCOs). In several locations, the concentrations of one or more PAH also exceeded the SCO for the protection of public health for commercial use. Benzo(a)pyrene (a PAH) was detected at a maximum concentration of 4.0 parts per million (ppm), compared to its unrestricted use SCO of 1 ppm, which is also its commercial use SCO. In general, the highest concentrations of PAHs in soil samples corresponded to locations where there were obvious petroleum impacts to soil.

Several metals (arsenic, barium, chromium, copper, nickel, lead, mercury, selenium and zinc) were detected across the site in surface soils at concentrations greater than their unrestricted use SCOs. Nickel was also detected at concentrations greater than its commercial use SCO in six samples, covering approximately 1.5 acres of the northeast portion of the site. Nickel was detected in surface soil at a maximum concentration of 4,840 ppm, compared to its commercial use SCO of 310 ppm. Arsenic and barium were detected in surface soil in isolated locations at concentrations slightly greater than their commercial use SCO. Arsenic exceeded its commercial use SCO at two locations (one of which also contained nickel above its commercial SCO) at a maximum concentration of 23 ppm, compared to its commercial use SCO of 16 ppm. Barium was detected in one location at a concentration of 405 ppm, compared to its commercial use SCO of 400 ppm. In all other samples arsenic and barium did not exceed their unrestricted SCOs (13 ppm and 350 ppm, respectively).

Metals were also detected in sub-surface soils across the site at elevated levels. In nearly every sample one or more metal exceeded unrestricted SCOs. Many sub-surface soil samples from across the site also contained metals above commercial use SCOs as well. The most widespread metals exceeding commercial use SCOs are nickel and arsenic. Nickel was detected in sub-surface soil at a maximum concentration of 7,120 ppm. Arsenic was detected in sub-surface soil at a maximum concentration of 118 ppm. Barium and lead were also detected in a few samples in the north-central portion of the site in excess of their commercial use SCOs. The maximum

concentrations of barium and lead detected in sub-surface soil were 2,300 ppm and 24,700 ppm, respectively, as compared to their commercial use SCOs of 400 ppm and 1,000 ppm, respectively.

Groundwater: A groundwater monitoring well in the southern portion of the property has been shown to collect recoverable quantities of floating petroleum product (light non-aqueous phase liquid [LNAPL]) within a few days. While LNAPL is present in this well, dissolved phase groundwater contamination was not identified. Several metals (arsenic, chromium, lead and nickel) were detected in groundwater at concentrations exceeding groundwater SCGs on two occasions in one well, in the southern portion of the site.

6.4: Summary of Human Exposure Pathways

This human exposure assessment identifies ways in which people may be exposed to site-related contaminants. Chemicals can enter the body through three major pathways (breathing, touching or swallowing). This is referred to as *exposure*.

People are not drinking contaminated groundwater because the area is served by a public water supply that is not affected by site-related contamination. Access to the property is unrestricted and people may come into contact with contaminants in the soil by walking on the site, digging, or otherwise disturbing the soil. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the sub-surface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants due to soil vapor intrusion does not represent a concern for the site in its current condition. However, the potential exists for the inhalation of on- and off-site contaminants due to soil vapor intrusion for any future on-site redevelopment and occupancy.

6.5: Summary of the Remediation Objectives

The objectives for the remedial program have been established through the remedy selection process stated in 6 NYCRR Part 375. The goal for the remedial program is to restore the site to pre-disposal conditions to the extent feasible. At a minimum, the remedy shall eliminate or mitigate all significant threats to public health and the environment presented by the contamination identified at the site through the proper application of scientific and engineering principles.

The remedial action objectives for this site are:

Groundwater

RAOs for Public Health Protection

- Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.

RAOs for Environmental Protection

- Restore ground water aquifer to pre-disposal/pre-release conditions, to the extent

practicable.

- Remove the source of ground or surface water contamination.

Soil

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.

Soil Vapor

RAOs for Public Health Protection

- Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at a site.

SECTION 7: SUMMARY OF THE SELECTED REMEDY

To be selected the remedy must be protective of human health and the environment, be cost-effective, comply with other statutory requirements, and utilize permanent solutions, alternative technologies or resource recovery technologies to the maximum extent practicable. The remedy must also attain the remedial action objectives identified for the site, which are presented in Section 6.5. Potential remedial alternatives for the Site were identified, screened and evaluated in the alternatives analysis (AA) report.

A summary of the remedial alternatives that were considered for this site is presented in Exhibit B. Cost information is presented in the form of present worth, which represents the amount of money invested in the current year that would be sufficient to cover all present and future costs associated with the alternative. This enables the costs of remedial alternatives to be compared on a common basis. As a convention, a time frame of 30 years is used to evaluate present worth costs for alternatives with an indefinite duration. This does not imply that operation, maintenance, or monitoring would cease after 30 years if remediation goals are not achieved. A summary of the Remedial Alternatives Costs is included as Exhibit C.

The basis for the Department's remedy is set forth at Exhibit D.

The selected remedy is referred to as the Excavation, Petroleum Recovery & Site Cover remedy.

The estimated present worth cost to implement the remedy is $1,560,000. The cost to construct the remedy is estimated to be $1,350,000 and the estimated average annual cost is $13,400.

The elements of the selected remedy are as follows:

1. A remedial design program will be implemented to provide the details necessary for the construction, operation, maintenance, and monitoring of the remedial program. Green remediation principles and techniques will be implemented to the extent feasible in the design,

implementation, and site management of the remedy as per DER-31. The major green remediation components are as follows;

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
- Reducing direct and indirect greenhouse gas and other emissions;
- Increasing energy efficiency and minimizing use of non-renewable energy;
- Conserving and efficiently managing resources and materials;
- Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste;
- Maximizing habitat value and creating habitat when possible;
- Fostering green and healthy communities and working landscapes which balance ecological, economic and social goals; and
- Integrating the remedy with the end use where possible and encouraging green and sustainable re-development.

2. All on-site soils located in the north-central portion of the site which are grossly-contaminated as defined by 6 NYCRR Part 375-1.2(u) will be excavated and transported off-site for disposal or beneficial reuse. It is anticipated this excavation area will extend to a depth of approximately 4 feet over an area of 3,500 square feet. The approximate limits of the excavation are indicated on Figure 4. Approximately 520 cubic yards of soil will be removed.

3. Soil stockpiled on the site will be used to backfill the excavation. If additional fill is needed, clean fill will then be brought in to replace the remainder of the excavated soil and establish the designed grades at the site. Any fill material brought to the site will meet the requirements for the identified site use as set forth in 6 NYCRR Part 375-6.7(d). If the quantity of the stockpiled soil exceeds the volume of the excavation, the stockpiled will be spread across the site under a cover system. Any grossly-contaminated soils encountered in the stockpiled soils will be disposed of off-site.

4. Soil and debris stockpiled along the western portion of the site which reportedly originated from the adjacent Winkelman property will be disposed of off-site.

5. Petroleum recovery wells will be installed to remove petroleum from the subsurface in the southern portion of the site in the vicinity of MW-5. The details of the wells and recovery system will be determined during the remedial design phase.

6. A site cover will be required to allow for commercial use of the site. The cover will consist either of the structures such as buildings, pavement, sidewalks comprising the site development or a soil cover in areas where the upper one foot of exposed surface soil will exceed the applicable soil cleanup objectives (SCOs). Where the soil cover is required it will be a minimum of one foot of soil, meeting the SCOs for cover material as set forth in 6 NYCRR Part 375-6.7(d) for commercial use. The soil cover will be placed over a demarcation layer, with the upper six inches of the soil of sufficient quality to maintain a vegetation layer. Any fill material brought to the site will meet the requirements for the identified site use as set forth in 6 NYCRR Part 375-6.7(d).

7. Imposition of an institutional control in the form of an environmental easement for the controlled property that:

- 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);
- allows the use and development of the controlled property for commercial and industrial uses as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
- restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH;
- prohibits agriculture or vegetable gardens on the controlled property; and
- requires compliance with the Department approved Site Management Plan.

8. A Site Management Plan is required, which includes the following:

a. an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:

Institutional Controls: The Environmental Easement discussed in Paragraph 6 above.
Engineering Controls: The soil cover discussed in Paragraph 5 and the petroleum recovery system discussed in Paragraph 4.

This plan includes, but may not be limited to:

- an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;
- descriptions of the provisions of the environmental easement including any land use and groundwater use restrictions;
- a provision for evaluation of the potential for soil vapor intrusion for any buildings developed on the site, including provision for implementing actions recommended to address exposures related to soil vapor intrusion;
- provisions for the management and inspection of the identified engineering controls;
- maintaining site access controls and Department notification; and
- the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

b. a Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes, but may not be limited to:

- monitoring of groundwater to assess the performance and effectiveness of the remedy;
- a schedule of monitoring and frequency of submittals to the Department;
- monitoring for vapor intrusion for any buildings occupied or developed on the site, as may be required by the Institutional and Engineering Control Plan discussed in item a. above.

c. an Operation and Maintenance (O&M) Plan to ensure continued operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy. The plan includes, but is not limited to:

- compliance monitoring of treatment systems to ensure proper O&M as well as providing the data for any necessary permit or permit equivalent reporting;
- maintaining site access controls and Department notification; and
- providing the Department access to the site and O&M records.

Exhibit A

Nature and Extent of Contamination

This section describes the findings of the Remedial Investigation for all environmental media that were evaluated. As described in Section 6.1, samples were collected from various environmental media to characterize the nature and extent of contamination.

For each medium for which contamination was identified, a table summarizes the findings of the investigation. The tables present the range of contamination found at the site in the media and compares the data with the applicable SCGs for the site. The contaminants are arranged into two categories; semi-volatile organic compounds (SVOCs) and inorganics (metals). For comparison purposes, the SCGs are provided for each medium that allows for unrestricted use. For soil, if applicable, the Restricted Use SCGs identified in Section 6.1.1 are also presented.

Waste/Source Areas

As described in the RI report, waste/source materials were identified at the site and are impacting soil and groundwater.

Wastes are defined in 6 NYCRR Part 375-1.2 (aw) and include solid, industrial and/or hazardous wastes. Source Areas are defined in 6 NYCRR Part 375 (au). Source areas are areas of concern at a site were substantial quantities of contaminants are found which can migrate and release significant levels of contaminants to another environmental medium. Wastes and Source areas were identified at the site include, areas where petroleum is present in the subsurface as a separate phase (non-aqueous phase liquid [NAPL]). While petroleum staining or odors are present in several areas, the areas in the north-central portion of the site and in the south portion of the site showed heavier impacts by petroleum. Groundwater monitoring well MW-5, located in the southern portion of the site, has been shown to collect several inches of floating NAPL (light NAPL [LNAPL]).

The waste/source areas identified will be addressed in the remedy selection process.

Groundwater

Groundwater samples were collected from overburden monitoring wells to assess groundwater conditions on and off-site. Six overburden groundwater sampling locations were established across the site. Groundwater samples were collected from five of those locations on two separate occasions. The other on-site well was sampled once. One round of sampling was also conducted at four off-site locations. Monitoring well locations are depicted on Figure 3.

A sample collected from an off-site well which is cross-gradient to the site contained several chlorinated VOCs (CVOCs) above groundwater SCGs. This location was located to the west of the Syracuse Rigging Property, and was located on or immediately adjacent to the site known as the Peter Winkelman Company, Inc. site, which is an inactive hazardous waste disposal site (Site ID 734047). There were no source areas of CVOCs indentified on the Syracuse Rigging Property. It does not appear the CVOC groundwater contamination identified in this off-site location is attributable to the Syracuse Rigging Property.

Several metals were detected above SCGs in groundwater. Sodium, iron and magnesium were detected above SCGs in several groundwater samples, including upgradient wells. Since these metals are present in upgradient wells and are naturally occurring, exceedances of sodium, iron and magnesium are not necessarily attributable to the site. Manganese was detected slightly above SCGs in both samples collected from MW-4 and in the sample collected from MW-6. Several metals were detected above SCGs during both rounds of sampling in samples collected from monitoring well MW-5, located in the south portion of the site. It is possible that exceedances of metals in groundwater were due to turbidity in the samples. It was reported that during well development turbidity of the extracted groundwater ranged from 111 to 641 nephelometric turbidity units (NTU). Guidance for groundwater sampling states the target level for well development and sampling should be 50 NTU.

Table 1 – Groundwater

Detected Constituents	Concentration Range Detected (ppb)[a]	SCG[b] (ppb)	Frequency Exceeding SCG
Inorganics			
Antimony	ND – 4.8	3	2 / 11
Arsenic	ND – 65.2	25	2 / 11
Chromium	ND – 324	50	2 / 11
Copper	ND – 313	200	1 / 11
Lead	ND – 98	25	2 / 11
Manganese	53.2 – 1,470	300	5 / 11
Nickel	2.1 – 1,480	100	2 / 11

a - ppb: parts per billion, which is equivalent to micrograms per liter, ug/L, in water.
b- SCG: Standard Criteria or Guidance - Ambient Water Quality Standards and Guidance Values (TOGs 1.1.1), 6 NYCRR Part 703, Surface water and Groundwater Quality Standards, and Part 5 of the New York State Sanitary Code (10 NYCRR Part 5).
ND = not detected

Several inorganic contaminants found in groundwater were also found in upgradient monitoring wells and are considered to represent site background conditions. Other inorganic contaminants found in groundwater may be present due to elevated turbidity of the sample, and may not actually represent dissolved phase contamination of groundwater. The data do not support development of a remedy for groundwater, other than to address the potential sources of contamination to groundwater (*i.e.*, NAPL).

Surface Soil

Surface soil samples were collected from across the site during the RI and analyzed for metals, PCBs and cyanide in order to assess direct exposure. Surface soil samples were not analyzed for other potential contaminants; however, fill materials were identified in test pits and borings in the top several feet across the site. Fill materials include ash and other anthropogenic materials and can be assumed to contain SVOCs (specifically polycyclic aromatic hydrocarbons [PAHs]) at concentrations greater than the unrestricted soil cleanup objectives (SCOs).

The surface soil sampling results show that surface soils across the site exceed the unrestricted SCOs for several metals and exceed the commercial SCOs in the northeast portion of the site, primarily for nickel. Figure 2 shows the locations of surface soil samples and shows which exceed commercial SCOs.

Nickel was the most wide-spread contaminant and was detected at the highest concentrations, relative to its SCO. Arsenic and barium were also detected at concentrations slightly greater than their commercial SCOs in one location, respectively, that was not also impacted by nickel at concentrations greater than its commercial SCO. These isolated locations were surrounded by samples which did not exceed the unrestricted SCO for arsenic or barium.

Table 2 - Surface Soil

Detected Constituents	Concentration Range Detected (ppm)[a]	Unrestricted SCG[b] (ppm)	Frequency Exceeding Unrestricted SCG	Restricted Use SCG[c] (ppm)	Frequency Exceeding Restricted SCG
Inorganics (Metals)					
Arsenic	2.9 – 23	13	3 / 40	16	2 / 40
Nickel	9.5 – 4,840	30	25 / 40	310	6 / 40
Barium	15.7 – 405	350	1 / 40	400	1 / 40
Lead	6.7 – 349	63	21 / 40	1,000	0 / 40
Chromium	7.1 – 246	1 [d]	40 / 40	400 [d]	0 / 40
Copper	10.1 – 180	50	15 / 40	270	0 / 40
Mercury	0.020 – 0.98	0.18	8 / 40	2.8	0 / 40
Selenium	ND – 7	3.9	1 / 40	1,500	0 / 40
Zinc	24.4 – 506	109	17 / 40	10,000	0 / 40

a - ppm: parts per million, which is equivalent to milligrams per kilogram, mg/kg, in soil;
b - SCG: Part 375-6.8(a), Unrestricted Soil Cleanup Objectives.
c - SCG: Part 375-6.8(b), Restricted Use Soil Cleanup Objectives for the Protection of Public Health for Commercial Use, unless otherwise noted.
d – This value represents the lower of the Soil Cleanup Objectives for hexavalent and trivalent forms of chromium. Chromium results were not speciated during the Remedial Investigation.
ND = not detected

Based on the findings of the Remedial Investigation, the presence of nickel and several other metals has resulted in the contamination of surface soil. It is assumed PAHs are present in surface soils as well, due to the presence of fill materials. The site contaminants identified in surface soil which are considered to be the primary contaminants of concern, to be addressed by the remedy selection process are metals and PAHs.

Subsurface Soil

Subsurface soil samples were collected from across the site and in several off-site locations during the RI in order to assess soil quality and to evaluate whether off-site migration was occurring. Subsurface soil samples

were collected from depths ranging from one foot to 14 feet below grade. The results show that soils at the site exceed the unrestricted SCOs and commercial SCOs for several PAHs and several metals. Petroleum-impacted soil was also identified in several locations.

Several metals were detected in subsurface soil at concentrations greater than unrestricted SCOs. Nearly every sample contained at least one metal at concentrations greater than unrestricted SCOs. Nickel and arsenic were found above their commercial SCOs in samples from across the site. Lead and barium were detected in subsurface soil at concentrations greater than their commercial SCOs in three samples collected in the north-central portion of the site. Lead also slightly exceeded its commercial SCO in one other sample. Metal contamination at concentrations greater than commercial SCOs in subsurface soil is depicted on Figure 3.

PAHs were detected in subsurface soils at concentrations greater than unrestricted SCOs across the site. Several samples also had PAHs at concentrations greater than commercial SCOs. Several subsurface soil samples with elevated levels of PAHs were collected from areas that were obviously impacted by petroleum, which was identified by staining and odors. PAHs are constituents of petroleum. Areas of petroleum-impacted soil and sampling locations where one or more PAH or metal exceeded commercial SCOs are depicted on Figure 3.

Table 3 - Subsurface Soil

Detected Constituents	Concentration Range Detected (ppm)[a]	Unrestricted SCG[b] (ppm)	Frequency Exceeding Unrestricted SCG	Restricted Use SCG[c] (ppm)	Frequency Exceeding Restricted SCG
SVOCs					
Benzo(a)anthracene	ND – 4.2	1	10 / 49	5.6	0 / 49
Benzo(a)pyrene	ND – 4.0	1	8 / 49	1	8 / 49
Benzo(b)fluoranthene	ND – 4.1	1	9 / 49	5.6	0 / 49
Benzo(k)fluoranthene	ND – 3.3	1	8 / 49	56	0 / 49
Chrysene	ND – 3.7	1	13 / 49	56	0 / 49
Dibenz[a,h]anthracene	ND – 0.68	0.33	1 / 49	0.56	1 / 49
Indeno(1,2,3-c,d)pyrene	ND – 1.6	0.5	8 / 49	5.6	0 / 49
Inorganics (Metals)					
Arsenic	2.4 – 118	13	20 / 44	16	16 / 44
Nickel	3.6 – 7,120	30	23 / 44	310	12 / 44
Barium	28.1 – 2,300	350	3 / 44	400	3 / 44
Lead	5.7 – 24,700	63	27 / 44	1,000	4 / 44
Cadmium	ND – 5.2	2.5	4 / 44	9.3	0 / 44
Chromium	2.5 – 210	1[d]	44 / 44	400[d]	0 / 44
Copper	6.9 – 286	50	9 / 18	270	1 / 18

Detected Constituents	Concentration Range Detected (ppm)[a]	Unrestricted SCG[b] (ppm)	Frequency Exceeding Unrestricted SCG	Restricted Use SCG[c] (ppm)	Frequency Exceeding Restricted SCG
Mercury	ND – 2.4	0.18	18 / 44	2.8	0 / 44
Selenium	ND – 24.1	3.9	9 / 44	1,500	0 / 44
Zinc	19.5 – 5,020	109	21 / 44	10,000	0 / 44

a - ppm: parts per million, which is equivalent to milligrams per kilogram, mg/kg, in soil;
b - SCG: Part 375-6.8(a), Unrestricted Soil Cleanup Objectives.
c - SCG: Part 375-6.8(b), Restricted Use Soil Cleanup Objectives for the Protection of Public Health for Commercial Use, unless otherwise noted.
d – This value represents the lower of the Soil Cleanup Objectives for hexavalent and trivalent forms of chromium. Chromium results were not speciated during the Remedial Investigation.
ND = not detected

The primary soil contaminants are petroleum, PAHs and metals, with arsenic and nickel being the most prevalent metal contaminants.

Based on the findings of the Remedial Investigation, the presence of petroleum, metals, and PAHs has resulted in the contamination of sub-surface soil. The site contaminants identified in sub-surface soil which are considered to be the primary contaminants of concern, to be addressed by the remedy selection process are petroleum, metals and PAHs.

Exhibit B

Description of Remedial Alternatives

The following alternatives were considered based on the remedial action objectives (see Section 6.5) to address the contaminated media identified at the site as described in Exhibit A.

Alternative 1: No Action

The No Action Alternative is evaluated as a procedural requirement and as a basis for comparison. This alternative leaves the site in its present condition and does not provide any additional protection to public health and the environment.

Alternative 2: Limited Action

The Limited Action Alternative includes only the construction of a perimeter fence and implementation of institutional controls.

The fence will limit trespass on the site, and thereby reduce the potential for exposure to site contaminants. An institutional control, in the form of an environmental easement will be placed on the property. The environmental easement will: require 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); restrict the use of site groundwater as a source of potable or process water without proper treatment; prohibit agriculture or vegetable gardens on the controlled property; and require compliance with the Department approved Site Management Plan. The environmental easement will also restrict the use and development of the controlled property for uses not consistent with the level of contamination present in near-surface soil at the site. Arsenic was detected at concentrations slightly exceeding its SCO for industrial use, the most restrictive land use category in two isolated surface soil samples.

The Site Management Plan will identify and implement the required institutional and engineering controls, as well as any necessary monitoring and/or operation and maintenance of the remedy. It will include but not be limited to: an Excavation Plan which will detail the provisions for management of future excavations at the site; provisions for the management and inspection of the identified engineering controls; the steps necessary for periodic review and certification of the institutional and engineering controls; and a groundwater monitoring plan to assess the performance and effectiveness of the remedy.

Given the limited scope of this alternative, the capital cost to implement it are minimal, but include the costs to construct the fence, develop the Site Management Plan and place the environmental easement on the property. Annual costs under this alternative include the cost to collect and analyze groundwater samples, report the results and provide periodic certifications. The estimated cost of Alternative 2 is as follows:

Present Worth: *$201,000*
Capital Cost: *$116,000*
Annual Costs: *$5,550*

Alternative 3: Restoration to Unrestricted Conditions

This alternative achieves all of the SCGs discussed in Section 6.1.1 and Exhibit A and soil meets the unrestricted soil cleanup objectives listed in Part 375-6.8 (a). This alternative includes: excavation and off-site disposal of all soil stockpiled on-site from previous excavations, all soil impacted by petroleum and all soil containing contaminants at concentrations greater than the unrestricted use SCOs. Following the excavation, the site will be restored with clean, imported fill. This alternative does not rely on institutional or engineering controls to prevent future exposure.

Prior to implementing the excavations, a remedial design will be implemented. The design phase will include collection of additional data to more accurately define the depths of excavation necessary. Upon receipt and evaluation of the results of this pre-design investigation, detailed engineering plans and specifications will be developed. It is estimated the remedial design will take nine to twelve months.

Excavation and off-site disposal is a conventional remedial method for sites contaminated by petroleum, PAHs, and/or metals. This alternative requires excavation across the entire site to varying depths, ranging from approximately 4 feet to at least 16 feet. The excavations will be restored with clean backfill which meets the requirement of 6 NYCRR 375-6.7(d) for unrestricted use. It is estimated approximately 56,400 cubic yards of soil will be excavated for off-site disposal, which includes the 1,850 cubic yards of soil stockpiled on-site. Approximately 54,500 cubic yards of soil will be imported to restore the site.

In the course of performing the excavations, groundwater and petroleum will be extracted from the subsurface by pumping to prevent water from collecting within the excavation. This will create a depression of the water table which will further direct petroleum and groundwater toward the pumps. Once extracted, the petroleum will be separated from groundwater and disposed of off-site. After separation the groundwater will either be disposed of off-site or subjected to treatment prior to discharge. A variety of methods are used to treat the extracted groundwater which include, but are not limited to, adsorption using granular activated carbon. Typically, the groundwater is pumped through filters to remove solids followed by a series of vessels containing a sorbent, most commonly activated carbon, to which dissolved contaminants are adsorbed. Contaminants are not destroyed, but are physically separated from the contaminated water and transferred to the sorbent. When the concentration of contaminants in the effluent from the bed exceeds a certain level (*i.e.*, once the sorbent's contaminant-removal efficiency has diminished to certain extent), the sorbent will need to be replaced or regenerated. Activated carbon is an excellent sorbent due to its large surface area, which generally ranges from 500 - 2,000 square meters per gram. Activated carbon can be regenerated in place; removed and regenerated at an off-site facility; or removed and disposed of. Following any necessary on-site treatment, the groundwater will be discharged, either back to the subsurface or to the sanitary sewer system.

Given the depths of the excavations necessary under this alternative, excavation support systems will need to be installed in certain areas to prevent collapse of the excavations. The configuration of the support systems will be determined during the remedial design.

It is estimated that construction of Alternative 3 will take 32 to 36 weeks to complete. The estimated cost to implement Alternative 3 is as follows:

Capital Cost:.....$8,610,000

Alternative 4: Excavation, Petroleum Recovery & Site Cover

This alternative includes: excavation and off-site disposal of petroleum-impacted soil from an area in the north-central portion of the site; construction and operation of a petroleum recovery system in the southern portion of the site; construction of a cover system; implementation of an intuitional control in the form of an environmental easement; and development of a Site Management Plan.

Prior to implementing the excavations, a remedial design will be implemented. The design phase will include collection of additional data to support the design of the petroleum recovery system and collection of additional surface soil samples for analysis of SVOCs and pesticides. Upon receipt of the surface soil sampling results, engineering plans and specifications for the construction of the excavation and cover system will be developed. It is estimated the remedial design will take six to nine months.

As discussed in Alternative 3, excavation and off-site disposal is a conventional remedial technology for soils contaminated by petroleum, PAHs or metals. Under this alternative, on-site areas which are grossly-contaminated by petroleum and reasonably accessible to excavation will be excavated for off-site disposal. There is one area targeted for excavation under this alternative, which is located in the north-central portion of the site. Petroleum contamination was encountered within the upper 4 feet of soil in this area, which is identified on Figure 4 as the area of excavation. It is estimated that 520 cubic yards of soil will be excavated and disposed of off-site. The excavation will be backfilled with soil which is stockpiled on-site from a previous excavation. It is estimated there is 1,850 cubic yards of soil stockpiled on the site. If gross-contamination is encountered within the stockpiled soil, the grossly-contaminated soil will be disposed of off-site. For cost estimate purposes, as a conservative measure, it is assumed 10% of the stockpiled soils (185 cubic yards) will require off-site disposal. Soil and debris which is stockpiled on the western portion of the site which reportedly originated from the adjacent Winkelman property will also be disposed of off-site.

A petroleum recovery system will also be installed in the southern portion of the site, in the vicinity of monitoring well MW-5, to remove petroleum from the subsurface and prevent off-site migration of petroleum. Petroleum recovery is a conventional remedial technology commonly employed to remove petroleum contamination from the subsurface that cannot be removed by excavation feasibly or in a cost-effective manner. Petroleum is present on groundwater in this area at a depth of approximately 16 feet below grade. The details of the collection system will be determined during the remedial design phase; however, the system will most likely consist of several recovery wells and will likely use a skimmer system to remove petroleum.

A skimmer system utilizes low-flow devices to remove petroleum floating on the groundwater table. Skimming is a conventional remedial technology used primarily for petroleum hydrocarbons that cannot be accessed directly by excavation feasibly or in a cost-effective manner. With this system, there is very little or no recovery of water. Mechanical skimmers and passive skimmers are the two types of skimming equipment that are available. Mechanical skimming equipment actively extracts free product from targeted recovery areas. The recovery efficiency of a mechanical skimmer increases when there is a large amount of free product on the groundwater. It is applicable to settings in permeable conduits such as utility bedding or buried underground open structures. Passive skimming equipment is used for smaller amounts of free product, since it accumulates free product over time prior to removal.

It is possible the recovery system will be operated as a groundwater and petroleum extraction system, which is a conventional remedial technology for groundwater contaminated by petroleum. The system will create a depression of the water table by pumping groundwater so that petroleum and contaminated groundwater is directed toward pumping wells within the plume area. Both free product and groundwater are collected during

recovery operations. Once extracted, the petroleum will be separated from groundwater and disposed of off-site. After separation, the groundwater will either be disposed of off-site or subjected to treatment prior to discharge. A variety of methods are used to treat the extracted groundwater which include, but are not limited to, adsorption using granular activated carbon. This treatment method is the same as is discussed for treatment of water removed from excavations under Alternative 3. The design of the extraction system may be constrained by the need to minimize the drawdown of the water table. Minimizing the drawdown will both reduce the volume of co-produced water and reduce smearing of petroleum along the drawdown surface. It is estimated petroleum will continue to be recovered from the subsurface for approximately 5 years; however, recovery of petroleum will continue until the Department determined it was no longer necessary.

Under this alternative, a cover system will be constructed across areas of the site where soil in the top foot exceeds the SCOs for commercial use. Based on existing information, it is assumed the cover system will be needed across the entire site; however, additional surface soil data will be collected during the remedial design phase to determine if any areas do not exceed the commercial use SCOs and therefore do not require construction of a cover system. For purposes of the cost estimate, it is assumed the cover system will be needed across the entire site. At a minimum, the cover system will be needed across the northeast portion of the site where there is metal contamination in excess of commercial SCOs. Surface soil contamination is identified on Figure 2.

A cover system is a commonly employed engineering control used to prevent exposure to contamination that cannot be removed or treated feasibly or in a cost-effective manner. The cover system will consist of a minimum of one foot of imported soil which meets the SCOs for cover material as set forth in 6 NYCRR 375-6.7(d) for commercial use. The soil cover will be placed over a demarcation layer, with the upper six inches of the soil of sufficient quality to maintain a vegetation layer. If any development of the site occurs, structures such as buildings, pavement or sidewalks comprising the site development may replace the one-foot soil cover for the area covered by those structures.

Prior to placing the demarcation layer and cover system, the soil stockpiled on-site will be placed across the area to be covered, and the site will be re-graded as necessary. It is estimated 1,150 cubic yards of stockpiled soils will remain after the excavation is backfilled. Concrete slabs and asphalt paving which is present at the surface across areas of the site will be removed to a depth of one to two feet to facilitate installation of the soil cover.

It is estimated that construction of Alternative 4 will take 10 to 12 weeks to complete.

Since contamination will remain at the site, an institutional control will be placed on the site. The institutional control, in the form of an environmental easement, will: require 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); allow the use and development of the controlled property for commercial and industrial uses as defined by Part 375-1.8(g), although land use is subject to local zoning laws; restrict the use of site groundwater as a source of potable or process water without proper treatment; prohibit agriculture or vegetable gardens on the controlled property; and require compliance with the Department-approved Site Management Plan.

The Site Management Plan will identify and implement the required institutional and engineering controls, as well as any necessary monitoring and/or operation and maintenance of the remedy. It will include but not be limited to: an Excavation Plan which will detail the provisions for management of future excavations at the site; provisions for the management and inspection of the identified engineering controls; the steps necessary for

periodic review and certification of the institutional and engineering controls; an Operation and Maintenance Plan to ensure continued operation, maintenance, monitoring and inspection of the petroleum recovery system; and a groundwater monitoring plan to assess the performance and effectiveness of the remedy.

The capital cost to implement this alternative include: the costs to design and construct the excavation, petroleum recovery system and site cover system; develop the Site Management Plan; and place the environmental easement on the property. Annual costs under this alternative for the first 5 years include the cost to operate the petroleum recovery system, collect and analyze groundwater samples, report the results and provide periodic certifications. The annual costs for the remaining 30 years include the cost to monitor groundwater and provide periodic certification of the remedy. The estimated cost to implement Alternative 4 is as follows:

Present Worth:.....*$1,560,000*
Capital Cost:.....*$1,350,000*
Annual Costs:.....*$13,400*

Alternative 5: Expanded Excavation & Site Cover

This alternative includes: excavation and off-site disposal of areas grossly-contaminated by petroleum; construction of a cover system; implementation of an intuitional control in the form of an environmental easement; and development of a Site Management Plan. Excavation will occur in the area targeted by Alternative 4 and in the southern portion of the site.

Prior to conducting the excavations and installing the cover system a remedial design will be implemented. The design phase will include collection of additional surface soil samples for analysis of SVOCs and pesticides and collection of additional data to more accurately define the depth of excavation necessary in the southern portion of the site. Upon receipt of the data, engineering plans and specifications for the excavation and cover system will be developed. It is estimated the remedial design will take six to nine months.

As discussed in Alternatives 3 and 4, excavation and off-site disposal is a conventional remedial technology for soils contaminated by petroleum, PAHs or metals. Under this alternative, areas which are grossly-contaminated by petroleum will be excavated for off-site disposal. This includes the area targeted for excavation under Alternative 4 and an area in the southern portion of the site measuring approximately 14,000 square feet, in the vicinity of monitoring well MW-5. Petroleum contamination was encountered from approximately 6 feet to 16 feet below grade in this area. It is estimated that 5,200 cubic yards of soil will be excavated and disposed of off-site from the southern area of concern.

Soil removed during the course of the excavations which is not grossly-contaminated by petroleum may be re-used as backfill. It is estimated that the top 6 feet of soil from the southern excavation area will be able to be re-used. Similar to Alternative 4, soil which is stockpiled on-site from a previous excavation will be used as backfill. It is estimated there is 1,850 cubic yards of soil stockpiled on the site. If gross-contamination is encountered within the stockpiled soil, the grossly-contaminated soil will be disposed of off-site. For cost estimate purposes, as a conservative measure, it is assumed 10% of the stockpiled soils (185 cubic yards) will require off-site disposal.

In the course of performing the excavation in the southern portion of the site, groundwater and petroleum will be extracted from the subsurface by pumping to prevent water from collecting within the excavation. The

handling of this water will be the same as described for dewatering conducted under Alternative 3 (Restoration to Unrestricted Conditions).

Given the necessary depth of the excavation in the southern portion of the site, an excavation support system will need to be installed to prevent collapse of the excavations. The configuration of the support system will be determined during the remedial design.

Based on the expanded area of excavation it is assumed all mobile petroleum will be removed while completing the excavations, and therefore a petroleum recovery system will not need to be installed.

It is estimated that construction of Alternative 5 will take 14 to 16 weeks to complete.

Since contamination will remain at the site under this alternative, an environmental easement and Site Management Plan will be necessary. The environmental easement and Site Management Plan required by this alternative will include the same provisions and requirements as the environmental easement and Site Management Plan discussed under Alternative 4, except that the Site Management Plan for this Alternative will not include an Operation and Maintenance Plan since there is no mechanical or physical component to the remedy other than the cover system.

The capital cost to implement this alternative will include: the costs to design and construct the excavation, and site cover system; develop the Site Management Plan; and place the environmental easement on the property. Annual costs under this alternative include the cost to collect and analyze groundwater samples, report the results and provide periodic certifications. The estimated cost to implement Alternative 5 is as follows:

Present Worth: *$2,490,000*
Capital Cost: *$2,400,000*
Annual Costs: *$5,550*

Exhibit C

Remedial Alternative Costs

Remedial Alternative	Capital Cost ($)	Annual Costs ($)	Total Present Worth ($)
1. No Action	0	0	0
2. Limited Action	116,000	5,550	201,000
3. Restoration to Unrestricted Conditions	8,610,000	0	8,610,000
4. Excavation, Petroleum Recovery & Site Cover	1,350,000	13,400	1,560,000
5. Expanded Excavation & Site Cover	2,400,000	5,550	2,490,000

Exhibit D

SUMMARY OF THE SELECTED REMEDY

The Department has selected Alternative 4, Excavation, Petroleum Recovery & Site Cover as the remedy for this site. Alternative 4 achieves the remediation goals for the site by removing potentially mobile petroleum contamination through excavation and the recovery system and by preventing exposure to contamination remaining at the site through the cover system and institutional controls. The elements of this remedy are described in Section 7. The selected remedy is depicted in Figure 4.

Basis for Selection

The selected remedy is based on the results of the RI and the evaluation of alternatives. The criteria to which potential remedial alternatives are compared are defined in 6 NYCRR Part 375. A detailed discussion of the evaluation criteria and comparative analysis is included in the AA report.

The first two evaluation criteria are termed "threshold criteria" and must be satisfied in order for an alternative to be considered for selection.

1. Protection of Human Health and the Environment. This criterion is an overall evaluation of each alternative's ability to protect public health and the environment.

The selected remedy (Alternative 4, Excavation, Petroleum Recovery & Site Cover) satisfies this criterion by removing the potentially mobile petroleum contamination through excavation and the recovery system and by preventing exposures to remaining contamination through institutional and engineering controls; specifically the environmental easement, Site Management Plan and site cover system. Alternative 1 (No Action) does not provide any protection to public health and the environment and will not be evaluated further. Alternative 2 provides only limited protection to public health and the environment. Alternative 3, by removing all soil contaminated above the unrestricted soil cleanup objectives, meets the threshold criteria. Alternative 5 also complies with this criterion.

2. Compliance with New York State Standards, Criteria, and Guidance (SCGs). Compliance with SCGs addresses whether a remedy will meet environmental laws, regulations, and other standards and criteria. In addition, this criterion includes the consideration of guidance which the Department has determined to be applicable on a case-specific basis.

Alternative 4 complies with SCGs to the extent practicable. It addresses source areas of contamination and complies with the commercial use soil cleanup objectives at the surface through construction of a cover system. It also creates the conditions necessary to restore groundwater quality to the extent practicable. Under Alternative 2 surface soil contamination will remain in excess of commercial use SCOs. The site is currently zoned for commercial use; therefore this alternative does not comply with SCGs and will not be evaluated further. Alternative 3 complies with this criterion. Similarly, Alternative 5 also complies with this criterion, in part through a cover system. Because Alternatives 3, 4 and 5 satisfy the threshold criteria, the remaining criteria are particularly important in selecting a final remedy for the site.

The next six "primary balancing criteria" are used to compare the positive and negative aspects of each of the remedial strategies.

3. Long-term Effectiveness and Permanence. This criterion evaluates the long-term effectiveness of the remedial alternatives after implementation. If wastes or treated residuals remain on-site after the selected remedy has been implemented, the following items are evaluated: 1) the magnitude of the remaining risks, 2) the adequacy of the engineering and/or institutional controls intended to limit the risk, and 3) the reliability of these controls.

Alternative 3 is the most effective in the long-term since all contamination will be removed. Alternatives 4 and 5 are equally effective in the long-term since they will both prevent off-site migration of contaminants and manage remaining contamination on-site through institutional and engineering controls.

4. Reduction of Toxicity, Mobility or Volume. Preference is given to alternatives that permanently and significantly reduce the toxicity, mobility or volume of the wastes at the site.

Alternative 3 will result in the largest reduction of volume of contamination at the site. Alternative 5 will result in a greater reduction of volume of contamination than Alternative 4, since a greater volume of contaminated soil will be removed from the site; however, both Alternatives 4 and 5 reduce the mobility of contamination such that it will not migrate off-site.

5. Short-term Impacts and Effectiveness. The potential short-term adverse impacts of the remedial action upon the community, the workers, and the environment during the construction and/or implementation are evaluated. The length of time needed to achieve the remedial objectives is also estimated and compared against the other alternatives.

Alternatives 3 through 5 all have short-term impacts which could easily be controlled; however, Alternative 4 creates the smallest impact. Alternatives 3 and 5 require more soil to be hauled to and from the site and take more time to implement, and therefore require more fuel use during construction due to the increased trucking and increased hours of construction equipment operation. Alternatives 3 and 5 also require more imported clean backfill, and so utilize more natural resources than Alternative 4. Alternative 3 requires a significantly greater quantity of clean soil and results in significantly more fuel use than either Alternative 4 or 5. Given the depth of excavation required in the south portion of the site, Alternatives 3 and 5 require installation of an excavation support system, most likely sheet-piling. Installation of sheet-piling creates noise and vibration, which increases the potential for impacts to the surrounding community; however, given the setting of the site, it is not likely this is a significant concern.

6. Implementability. The technical and administrative feasibility of implementing each alternative are evaluated. Technical feasibility includes the difficulties associated with the construction of the remedy and the ability to monitor its effectiveness. For administrative feasibility, the availability of the necessary personnel and materials is evaluated along with potential difficulties in obtaining specific operating approvals, access for construction, institutional controls, and so forth.

Alternatives 3 through 5 are implementable using standard remedial technologies and construction equipment. Some logistical issues may be presented by the current operations at the site by the City of Syracuse. Some disruption to the mulching operation will occur during remediation. It is likely that under Alternatives 4 and 5 the remediation could be implemented such that the City's operations could continue on part of the site while the remediation was conducted over the remainder of the site. It is possible the same could be done under Alternative 3; however, the much larger volume of soil to be handled under Alternative 3 results in more space being needed for soil stockpiles and it may not be feasible for the City to continue their mulching operations if Alternative 3 were to be implemented. Since Alternative 4 takes the least time to implement, it results in less

disruption to site operations than the other alternatives. Alternative 3 will take the longest time to implement and therefore create the largest disruption in site operations.

7. Cost-Effectiveness. Capital costs and annual operation, maintenance, and monitoring costs are estimated for each alternative and compared on a present worth basis. Although cost-effectiveness is the last balancing criterion evaluated, where two or more alternatives have met the requirements of the other criteria, it can be used as the basis for the final decision.

The costs of the alternatives vary significantly. Alternative 4 has the lowest cost, both for construction of the remedy and for the present worth. With its large volume of soil to be handled, Alternative 3 (excavation and off-site disposal) has the highest cost. Alternative 5 costs more than Alternative 4, but does not provide greater protection of public health and the environment. The cost to operate Alternative 4 is higher than Alternative 5 for the first several years, but will be reduced once the system had removed all recoverable petroleum; and the annual costs for Alternative 4 will be the same as Alternative 5 thereafter.

8. Land Use. When cleanup to pre-disposal conditions is determined to be infeasible, the Department may consider the current, intended, and reasonable anticipated future land use of the site and its surroundings in the selection of the soil remedy.

The Syracuse Industrial Development Agency has stated the intended land use for the site is industrial; however, it is currently zoned commercial. Alternatives 4 and 5 are less desirable because at least some contaminated soil will remain on the property whereas Alternative 3 will remove all contaminated soil, and thereby permit any use of the site. However, the residual contamination that will remain under Alternatives 4 and 5 will be manageable through the implementation of a Site Management Plan.

The final criterion, Community Acceptance, is considered a "modifying criterion" and is taken into account after evaluating those above. It is evaluated after public comments on the Proposed Remedial Action Plan have been received.

9. Community Acceptance. Concerns of the community regarding the investigation, the evaluation of alternatives, and the PRAP are evaluated. A responsiveness summary has been prepared that describes public comments received and the manner in which the Department will address the concerns raised.

Alternative 4 has been selected because, as described above, it satisfies the threshold criteria and provides the best balance of the balancing criterion.

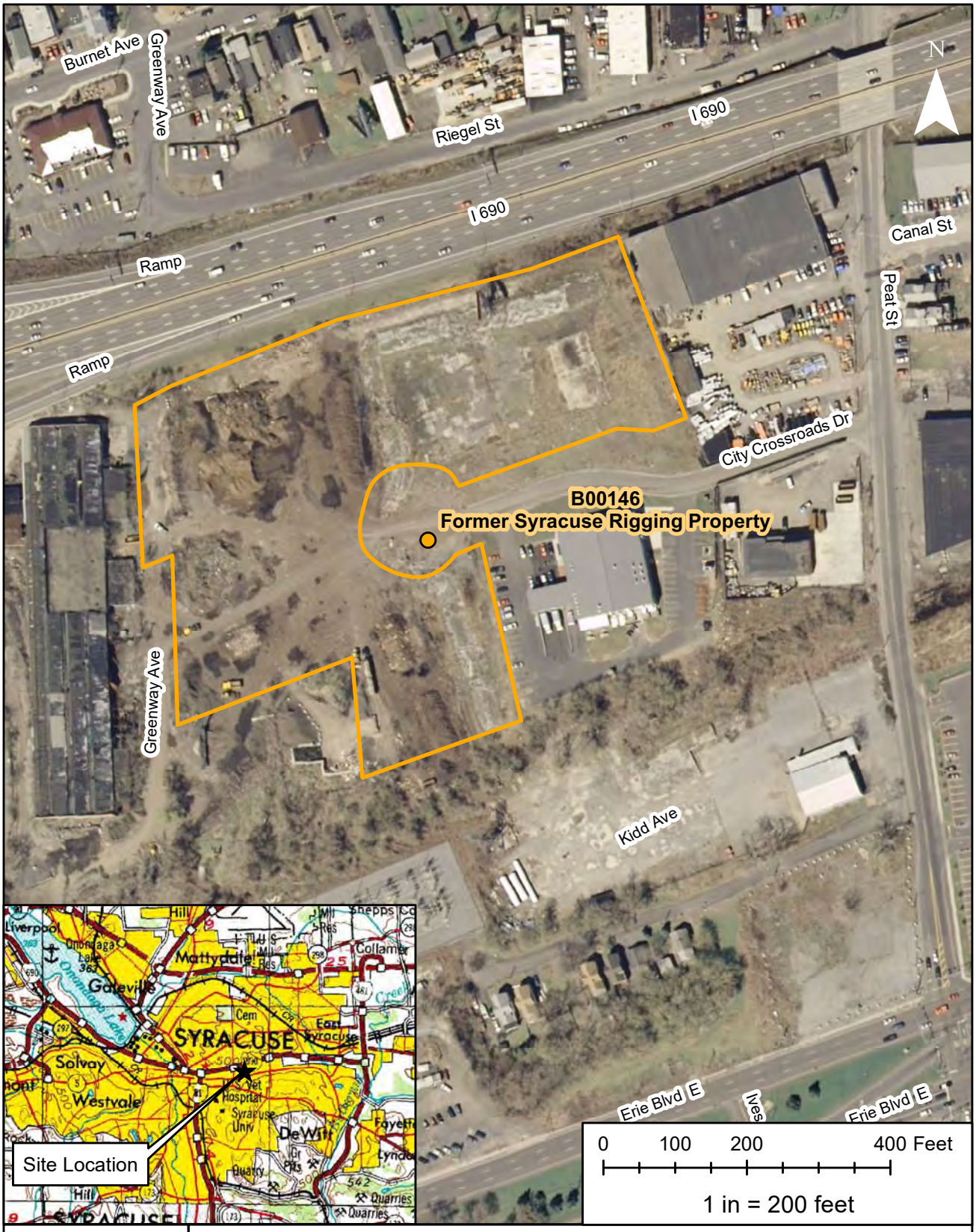


Figure 1 - Site Location

Former Syracuse Rigging Property
Site ID B00146
City of Syracuse, Onondaga County, New York

2011-11-10
JPC

Figure 2 - Metal Contaminated Surface Soil

Former Syracuse Rigging Property
Site ID B00146
City of Syracuse, Onondaga County, New York

80 40 0 80 160
Feet

1 inch = 80 feet

Property Boundary

Surface Soil Sample Locatoin
No Metals Exceed
Unrestricted SCOs

Surface Soil Sample Locatoin
One or More Metals Exceed
Unrestricted SCOs

Nickel - 385 ppm

Surface Soil Sample Locatoin
One or More Metals Exceed
Commercial Use SCOs
with Concentration of Metal
Exceeding Commercial Use SCO
(ppm - parts per million)

All locations approximate.

Based on "Site Investigation Report," December 2008, Beardsley Design Assoc.

Drawn: 2011-11-15 by JPC

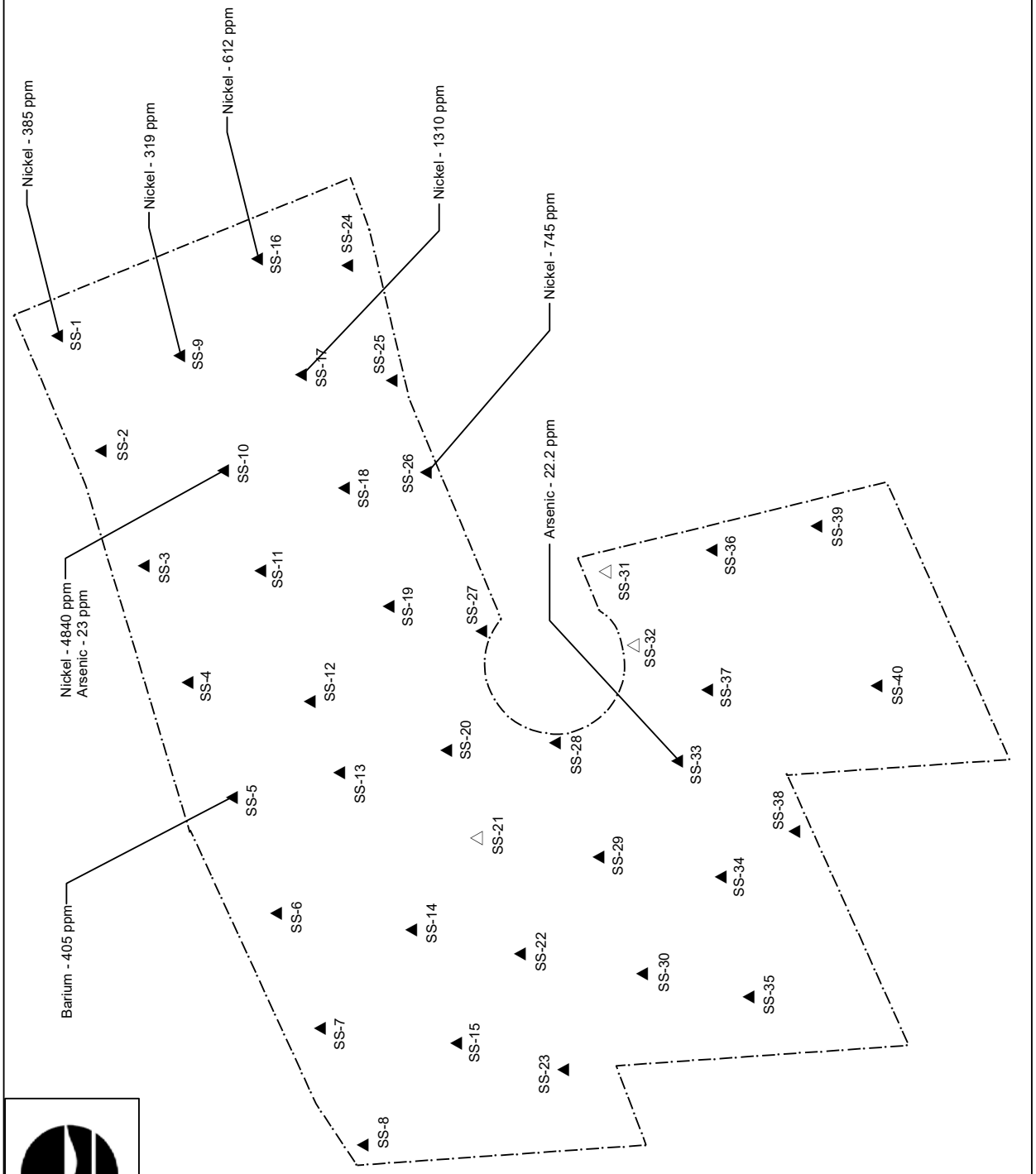


Figure 3 - Suburface Soil Contamination

Former Syracuse Rigging Property
Site ID B00146
City of Syracuse, Onondaga County, New York

80 40 0 80 160 Feet

1 inch = 80 feet

Property Boundary
Test Trench Location
Test Trench Soil Sample
Test Pit
Geoprobe Soil Boring
Groundwater Monitoring Well
Petroleum-Contaminated Soil
Benzo(a)pyrene - 2.8 ppm
Arsenic - 17.7 ppm
Exceedance of Commercial SCOs ppm (parts per million)

All locations approximate.

Based on "Site Investigation Report," December 2008, Beardsley Design Assoc.

Drawn: 2011-11-16 by JPC

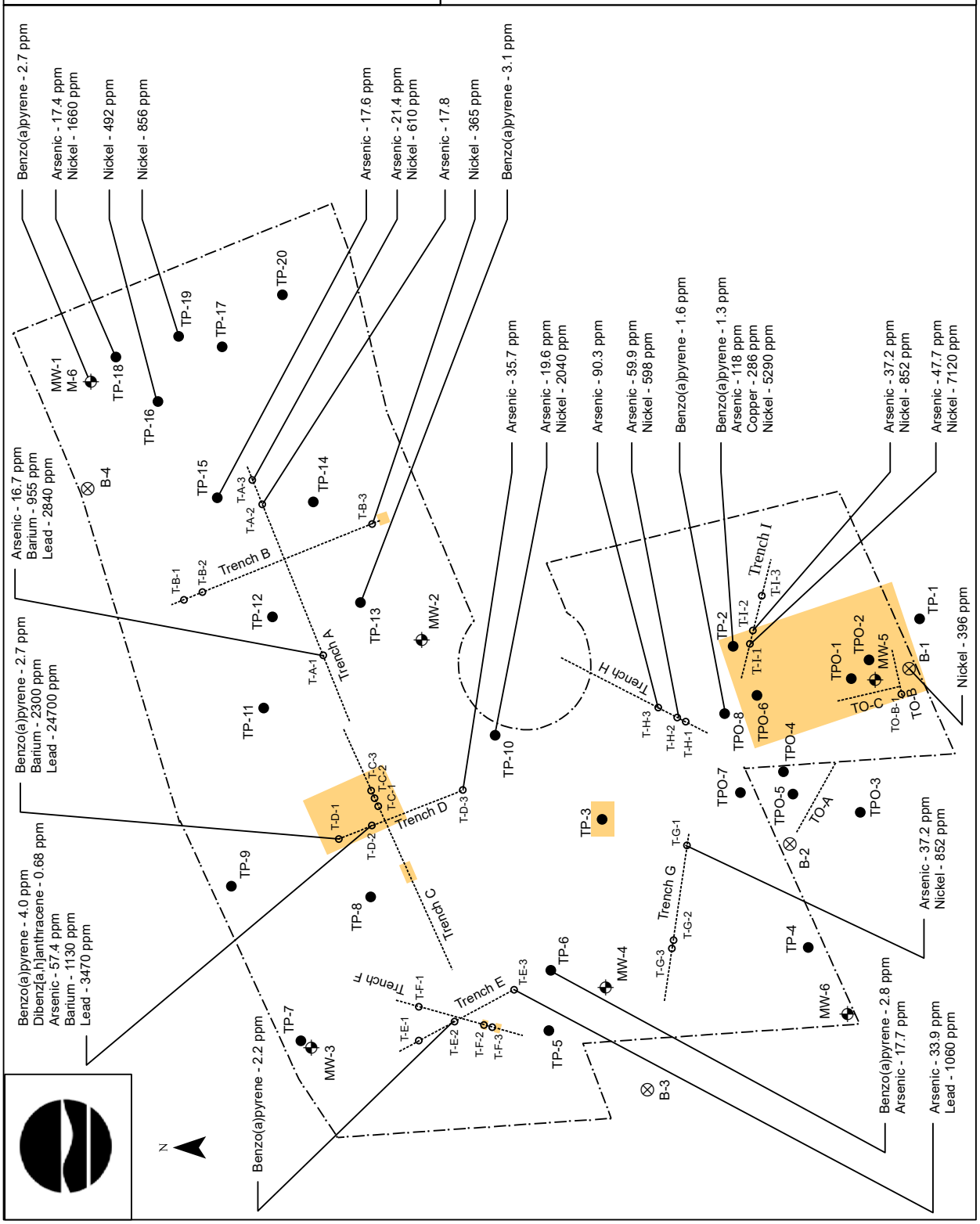


Figure 4 - Selected Remedy

Alternative 4: Excavation, Oil Recovery & Site Cover

Former Syracuse Rigging Property
Site ID B00146
City of Syracuse, Onondaga County, New York

80 40 0 80 160
Feet

1 inch = 80 feet

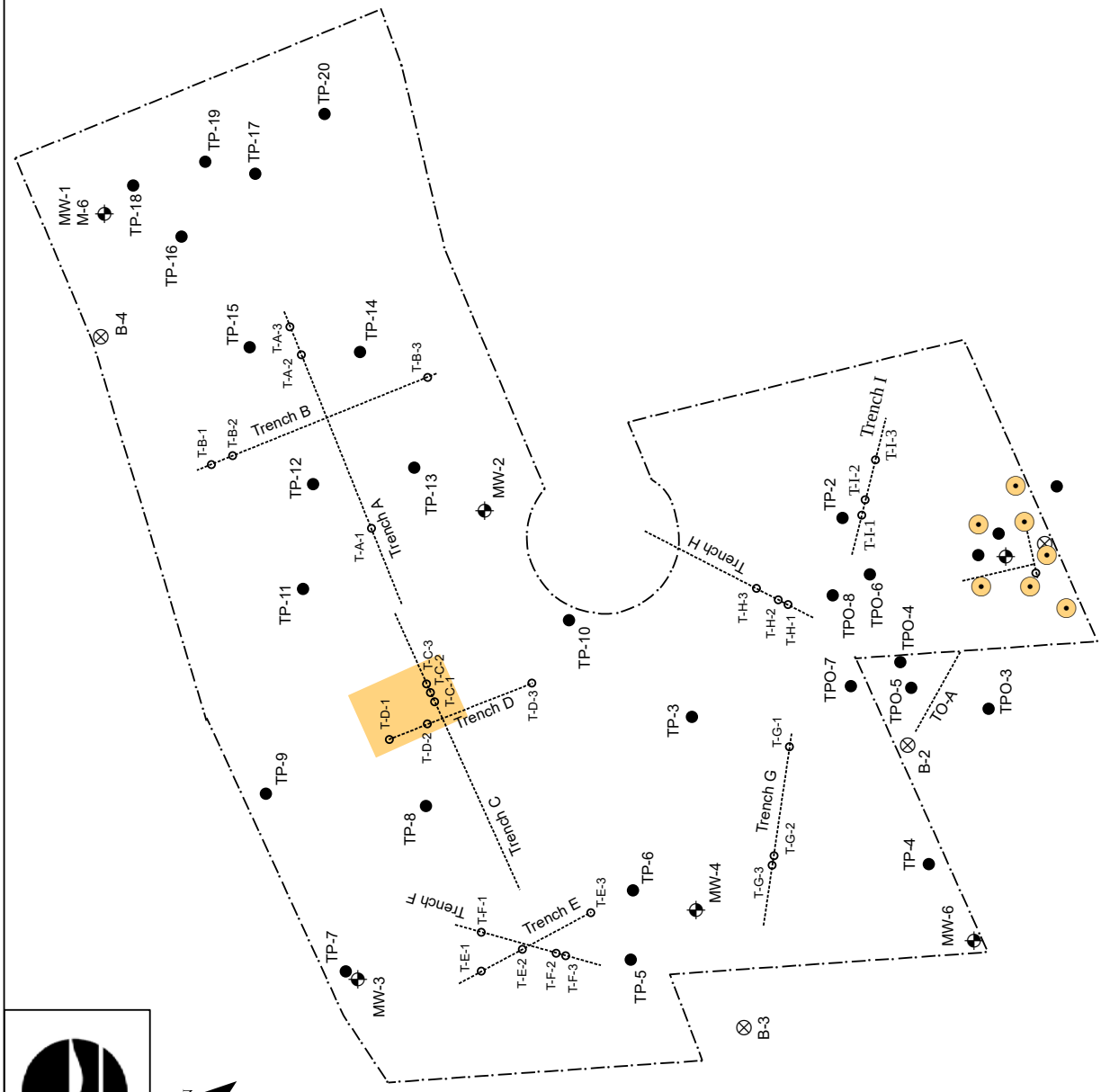
Property Boundary
Extent of Cover System
Test Trench Location
Test Trench Soil Sample
Test Pit
Geoprobe Soil Boring
Groundwater Monitoring Well
Area of Excavation
Recovery/Extraction Well

All locations approximate.

Based on "Site Investigation Report," December 2008, Beardsley Design Assoc.

Drawn: 2011-11-16 by JPC

Well locations hypothetical. To be determined during Remedial Design.



APPENDIX A

Responsiveness Summary

RESPONSIVENESS SUMMARY

Former Syracuse Rigging Property
Environmental Restoration Project
City of Syracuse, Onondaga County, New York
Site No. B00146

The Proposed Remedial Action Plan (PRAP) for the Former Syracuse Rigging Property site was prepared by the New York State Department of Environmental Conservation (the Department) in consultation with the New York State Department of Health (NYSDOH) and was issued to the document repositories on February 7, 2012. The PRAP outlined the remedial measure proposed for the contaminated soil and groundwater at the Former Syracuse Rigging Property site.

The release of the PRAP was announced by sending a notice to the public contact list, informing the public of the opportunity to comment on the proposed remedy.

A public meeting was held on March 5, 2012, which included a presentation of the remedial investigation and alternatives analysis (RI/AA) for the Former Syracuse Rigging Property site as well as a discussion of the proposed remedy. The meeting provided an opportunity for citizens to discuss their concerns, ask questions and comment on the proposed remedy. These comments have become part of the Administrative Record for this site. The public comment period for the PRAP ended on March 23, 2012.

This responsiveness summary responds to all questions and comments raised during the public comment period. The following are the comments received, with the Department's responses:

COMMENT 1: Has the highest and best use of the site been determined?

RESPONSE 1: The remedy will allow for the commercial or industrial use of the site, which also allows for passive recreational uses, but a specific usage is not considered as part of the remedial process. The specific usage is determined by the municipality. Remediation to commercial standards was determined to be appropriate based on the zoning of the site and potential uses for the site which were proposed in recent years, which included a restaurant.

COMMENT 2: What is the process moving forward? When is the NYSDEC's involvement completed?

RESPONSE 2: The scope of work required in the City's State Assistance Contract for this site included the investigation phase only, which includes the remedial investigation and remedy selection. It did not include the remediation phase.

Upon issuance of the ROD, the municipality will be able to claim any outstanding eligible costs and the current State Assistance Contract for the investigation of the site will be closed out. Requests for funding currently exceed the $200 million authorized under the 1996 Clean Water/Clean Air Bond Act for the ERP. There is $20 million remaining that requires an agreement between the Legislature and the Governor's Office to be used. These funds could be used to complete any ongoing project construction phases, such as this site, but a decision has not yet been made as to how, or if, these funds will be made available. Following the issuance of the ROD, the Department will meet with municipal representatives to discuss options which may exist for funding the remedial program. At a minimum the Department will place an Environmental Notice on the site informing any

potential property owner of the need to implement the selected remedy before the site can be used and notifying them of any restrictions on any future use required by the remedy.

APPENDIX B

Administrative Record

ADMINISTRATIVE RECORD

Former Syracuse Rigging Property
Environmental Restoration Project
City of Syracuse, Onondaga County, New York
Site No. B00146

Proposed Remedial Action Plan for the Former Syracuse Rigging Property site, dated February 2012, prepared by the Department.

The Department and the Syracuse Industrial Development Agency entered into a State Assistance Contract, Contract No. C301849, February 24, 2003.

State Assistance Contract No. C301849 and Amendments 1 & 2.

Site Investigation Report, Former Syracuse Rigging Property, dated December 2008, prepared by Beardsley Design Associates, P.C.

Remedial Alternatives Report, Former Syracuse Rigging Property, dated December 2008, prepared by Beardsley Design Associates, P.C.

Appendix G COMMONLY USED ACRONYMS

AAI	All Appropriate Inquiry
ACBM	Asbestos Containing Building Material
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
BER	Business Environmental Risk
C&D	Construction and Demolition
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
CREC	Controlled Recognized Environmental Condition
EDR	Environmental Data Resources Inc.
EP	Environmental Professional
EPA	Environmental Protection Agency
ERP	Environmental Restoration Program
ESA	Environmental Site Assessment
FOIL	Freedom of Information Law
ft amsl	Feet above mean sea level
ft bgs	Feet below ground surface
HREC	Historical Recognized Environmental Condition
LBP	Lead Based Paint
LNAPL	Light non-aqueous phase liquid
LTANK	Leaking Tank
MW	Monitoring Well
NYSDEC	New York State Department of Environmental Conservation
PAHs	Polycyclic Aromatic Hydrocarbons
PCBs	Polychlorinated Biphenyls
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Conditions

Appendix G Commonly Used acronyms

SCO	Soil Cleanup Objective
SVOC	Semi-volatile Organic Compound
USGS	United States Geological Survey
UST	Underground Storage Tank
VEC	Vapor Encroachment Condition
VOCs	Volatile Organic Compounds