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1957–2005

May 1, 2007

Chief, Site Control Section
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7020

RE: BCP Application
700 Outparcel Property
Almond & Water Streets
Syracuse, New York
BDA #06920.004

To Whom It May Concern:

On behalf of our client, 700 Out Parcel, LLC, BDA is submitting this Brownfield Cleanup Program Application for the property located at the corner of Almond and Water Streets in the City of Syracuse, New York.

We believe this project is a perfect example of a contaminated vacant property that can be redeveloped under the BCP program. In fact, the neighboring property to the south (Center of Excellence) is currently in the BCP program; and since the discovery of extensive contamination at the property, our client has been working closely with Chris Mannes of the NYSDEC Region 7 Office.

If you have any questions or comments, please feel free to call.

Sincerely,

BEARDSLEY DESIGN ASSOCIATES

R D McKenna

Richard D. "Rico" McKenna
Project Engineer

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since 1898

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

BROWNFIELD CLEANUP PROGRAM (BCP)

ECL ARTICLE 27 / TITLE 14

DEPARTMENT USE ONLY
BCP SITE #:_____

7/06

Section 1: Requestor Information

NAME 700 Out Parcel, LLC

ADDRESS c/o Woodbine Group 505 East Fayette Street

CITY/TOWN Syracuse, New York ZIP CODE 13202

PHONE (315) 471-7400 FAX (315) 471-7435 E-MAIL

NAME OF REQUESTOR'S REPRESENTATIVE Norman Swanson

ADDRESS 505 East Fayette Street

CITY/TOWN Syracuse, New York ZIP CODE 13202

PHONE (315) 471-7400 FAX (315) 471-7435 E-MAIL nswanson@woodbinegroup.com

NAME OF REQUESTOR'S CONSULTANT Beardsley Design Associates

ADDRESS 431 East Fayette Street

CITY/TOWN Syracuse, New York ZIP CODE 13202

PHONE (315) 472-6980 FAX (315) 472-3523 E-MAIL rmckenna@beardsley.com

NAME OF REQUESTOR'S ATTORNEY Kevin C. Murphy, Esq of Gilberti, Stinziano, Heintz & Smith, P.C.

ADDRESS 555 East Genesee Street

CITY/TOWN Syracuse, New York ZIP CODE 13202-2519

PHONE (315) 442-0100 FAX (315) 442-0106 E-MAIL Kmurphy@gilbertilaw.com

THE REQUESTOR MUST CERTIFY THAT HE/SHE IS EITHER A PARTICIPANT OR VOLUNTEER IN ACCORDANCE WITH ECL § 27-1405 (1) BY CHECKING ONE OF THE BOXES BELOW:

☐ PARTICIPANT

A requestor who either 1) was the owner of the site at the time of the disposal of hazardous waste or discharge of petroleum or 2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of, or involvement with the site subsequent to the disposal of hazardous waste or discharge of petroleum.

☒ VOLUNTEER

A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of hazardous waste or discharge of petroleum.

NOTE: By checking this box, the requestor certifies that he/she has exercised appropriate care with respect to the hazardous waste found at the facility by taking reasonable steps to: i) stop any continuing discharge; ii) prevent any threatened future release; and iii) prevent or limit human, environmental, or natural resource exposure to any previously released hazardous waste.

Requestor Relationship to Property (check one):

Previous Owner (Current Owner) Potential /Future Purchaser Other_____

If requestor is not the site owner, requestor will have access to the property throughout the BCP project. ☐ Yes ☐ No

(Note: proof of site access must be submitted for non-owners)

Section II. Property Information Summary Sheet

PROPERTY NAME: 700 Out Parcel, LLC

ADDRESS/LOCATION 701-709 East Water St. CITY/TOWN Syracuse, NY ZIP CODE 13202

MUNICIPALITY(IF MORE THAN ONE, LIST ALL):
City Of Syracuse

COUNTY Onondaga SITE SIZE (ACRES) 0.44 acre

LATITUDE (degrees/minutes/seconds) PARCEL NO.1 43°03'41" PARCEL NO.2 43°03'41"

LONGITUDE (degrees/minutes/seconds) PARCEL NO.1 76°09'01" PARCEL NO.2 76°09'00"

HORIZONTAL COLLECTION METHOD: ☐ SURVEY ☐ GPS ☒ MAP

HORIZONTAL REFERENCE DATUM: NAD27

FOR EACH PARCEL, FILL OUT THE FOLLOWING TAX MAP INFORMATION (if more than three parcels, attach additional information)

Parcel Address	Parcel No.	Section No.	Block No.	Lot No.	Acreage
701 East Water Street, Syracuse, NY 13202	1	030	14	01.0	0.18
709 East Water Street, Syracuse, NY 13202	2	030	14	02.0	0.25

1. Do the property boundaries correspond to tax map metes and bounds? ☒ Yes ☐ No
   If no, please attach a metes and bounds description of the property.
2. Is the required property map attached to the application? (application will not be processed without map) ☒ Yes ☐ No
3. Is the property part of a designated En-zone pursuant to Tax Law § 21(b)(6)? ☒ Yes ☐ No

For more information go to: http://www.nylovesbiz.com/BrownField_Redevelopment/default.asp.

If yes, identify area (name) Syracuse City Census Tract 34

☐ 50% ☒ 100% of the site is in the En-zone (check one)

PROPERTY DESCRIPTION NARRATIVE:

Parcel Nos. 1 and 2 of the 700 Out Parcel, LLC property are located on the northeast corner of the intersection of East Water Street and Almond Street and consists of approximately 0.44 acres. The majority of the property is covered with asphalt pavement, while the remainder of the property is an unimproved bare soil surface.

List of Existing Easements (type here or attach information)

Easement Holder	Description
NONE	

List of Permits issued by the NYSDEC or USEPA Relating to the Proposed Site (type here or attach information)

Type	Issuing Agency	Description
NONE		

Initials of each Requestor: _____

Section III. Current Site Owner/Operator Information

OWNER'S NAME (if different from requestor) Same as Requestor		
ADDRESS		
CITY/TOWN	ZIP CODE	
PHONE	FAX	E-MAIL
OPERATOR'S NAME (if different from requestor or owner) Same as Requestor		
ADDRESS		
CITY/TOWN	ZIP CODE	
PHONE	FAX	E-MAIL

Section IV. Requestor Eligibility Information (Please refer to ECL § 27-1407)

If answering "yes" to any of the following questions, please provide an explanation as an attachment.

1. Are any enforcement actions pending against the requestor regarding this site? ☐ Yes ☒ No
2. Is the requestor subject to an existing order relating to contamination at the site? ☐ Yes ☒ No
3. Is the requestor subject to an outstanding claim by the Spill Fund for this site? ☐ Yes ☒ No
4. Has the requestor been determined to have violated any provision of ECL Article 27? ☐ Yes ☒ No
5. Has the requestor previously been denied entry to the BCP? ☐ Yes ☒ No
6. Has the requestor been found in a civil proceeding to have committed a negligent or intentionally tortious act involving contaminants? ☐ Yes ☒ No
7. Has the requestor been convicted of a criminal offense that involves a violent felony, fraud, bribery, perjury, theft, or offense against public administration? ☐ Yes ☒ No
8. Has the requestor knowingly falsified or concealed material facts or knowingly submitted or made use of a false statement in a matter before the Department? ☐ Yes ☒ No
9. Is the requestor an individual or entity of the type set forth in ECL 27-1407.8(f) that committed an act or failed to act, and such act or failure to act could be the basis for denial of a BCP application? ☐ Yes ☒ No

Section V. Property Eligibility Information (Please refer to ECL § 27-1405)

1. Is the property listed on the National Priorities List? ☐ Yes ☒ No
2. Is the property listed on the NYS Registry of Inactive Hazardous Waste Disposal Sites? ☐ Yes ☒ No
   If yes, please provide: Site #_____ Class # _____
3. Is the property subject to a permit under ECL Article 27, Title 9, other than an Interim Status facility? ☐ Yes ☒ No
   If yes, please provide: Permit type:_____ EPA ID Number:_____
   Date permit issued:_____ Permit expiration date:_____
4. Is the property subject to a cleanup order under navigation law Article 12 or ECL Article 17 Title 10? ☐ Yes ☒ No
   If yes, please provide: Order #_____
5. Is the property subject to a state or federal enforcement action related to hazardous waste or petroleum? ☐ Yes ☒ No
   If yes, please provide explanation as an attachment.

Section VI. Project Description

Please attach a description of the project which includes the following components:

- Purpose and scope of the project
- Estimated project schedule

Section VII. Property's Environmental History

To the extent that existing information/studies/reports are available to the requestor, please attach the following:

1. **Environmental Reports**
   A phase I environmental site assessment report prepared in accordance with ASTM E 1527 (American Society for Testing and Materials: Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process), and all environmental reports related to contaminants on or emanating from the site.
   If a final investigation report is included, indicate whether it meets the requirements of ECL Article 27-1415(2): ☐ Yes ☐ No

2. **Sampling Data: Indicate known contaminants and the media which are known to have been affected:**

Contaminant Category	Soil	Groundwater	Surface Water	Sediment	Soil Gas
Petroleum	✓				✓
Chlorinated Solvents					
Other VOCs					
SVOCs	✓				✓
Metals					
Pesticides					
PCBs					
Other*					

*Please describe: _____

3. **Suspected Contaminants: Indicate suspected contaminants and the media which may have been affected:**

Contaminant Category	Soil	Groundwater	Surface Water	Sediment	Soil Gas
Petroleum		✓			
Chlorinated Solvents					
Other VOCs					
SVOCs		✓			
Metals	✓	✓			
Pesticides					
PCBs					
Other*					

*Please describe: _____

4. **INDICATE KNOWN OR SUSPECTED SOURCES OF CONTAMINANTS:**

☐ Above Ground Pipeline or Tank ☐ Lagoons or Ponds ☒ Underground Pipeline or Tank ☐ Surface Spill or Discharge
☐ Routine Industrial Operations ☐ Dumping or Burial of Wastes ☐ Septic tank/lateral field ☐ Drums or Storage Containers
☐ Adjacent Property ☐ Seepage Pit or Dry Well ☐ Foundry Sand ☐ Electroplating
☐ Coal Gas Manufacture ☐ Industrial Accident ☐ Unknown
Other: Urban Fill

5. **INDICATE PAST LAND USES:**

☐ Coal Gas Manufacturing ☐ Manufacturing ☐ Agricultural Co-op ☐ Dry Cleaner ☐ Salvage Yard ☐ Bulk Plant
☐ Pipeline ☒ Service Station ☐ Landfill ☐ Tannery ☐ Electroplating ☐ Unknown
Other: _____

6. **Owners**
   A list of previous owners with names, last known addresses and telephone numbers (describe requestor's relationship, if any, to each previous owner listed. If no relationship, put "none").
7. **Operators**
   A list of previous operators with names, last known addresses and telephone number (describe requestor's relationship, if any, to each previous operator listed. If no relationship, put "none").

Section VIII. Contact List Information

Please attach, at a minimum, the names and addresses of the following:

1. The chief executive officer and zoning board chairperson of each county, city, town and village in which the property is located.
2. Residents, owners, and occupants of the property and properties adjacent to the property.
3. Local news media from which the community typically obtains information.
4. The public water supplier which services the area in which the property is located.
5. Any person who has requested to be placed on the contact list.
6. The administrator of any school or day care facility located on or near the property.
7. The location of a document repository for the project (e.g., local library). In addition, attach a copy of a letter sent to the repository acknowledging that it agrees to act as the document repository for the property.

Section IX. Land Use Factors (Please refer to ECL § 27-1415(3))

Current Use: ☐ Residential ☐ Commercial ☐ Industrial ☒ Vacant ☐ Recreational (check all that apply)

Intended Use: ☐ Unrestricted ☐ Residential ☒ Commercial ☐ Industrial

Please check the appropriate box and provide an explanation as an attachment if appropriate. Provide a copy of the local zoning classifications, comprehensive zoning plan designations, and/or current land use approvals.

	Yes	No
1. Do current historical and/or recent development patterns support the proposed use? (See #12 below re: discussion of area land uses)	☒	☐
2. Is the proposed use consistent with applicable zoning laws/maps?	☒	☐
3. Is the proposed use consistent with applicable comprehensive community master plans, local waterfront revitalization plans, designated Brownfield Opportunity Area plans, other adopted land use plans?	☒	☐
4. Are there any Environmental Justice Concerns? (See §27-1415(3)(p)).	☐	☒
5. Are there any federal or state land use designations relating to this site?	☐	☒
6. Do the population growth patterns and projections support the proposed use?	☒	☐
7. Is the property accessible to existing infrastructure?	☒	☐
8. Are there important cultural resources, including federal or state historic or heritage sites or Native American religious sites within ½ mile?	☒	☐
9. Are there important federal, state or local natural resources, including waterways, wildlife refuges, wetlands, or critical habitats of endangered or threatened species within ½ mile?	☐	☒
10. Are there floodplains within ½ mile?	☐	☒
11. Are there any institutional controls currently applicable to the property?	NO	
12. Describe on attachment the proximity to real property currently used for residential use, and to urban, commercial, industrial, agricultural, and recreational areas.		
13. Describe on attachment the potential vulnerability of groundwater to contamination that might migrate from the property, including proximity to wellhead protection and groundwater recharge areas.		
14. Describe on attachment the geography and geology of the site.		

Statement of Certification and Signatures

(By requestor who is an individual)

I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law.

Date: _____ Signature: _____ Print Name: _____

(By an requestor other than an individual)

I hereby affirm that I am MEMBER (title) of 700 OUTPARCEL LLC. (entity); that I am authorized by that entity to make this application; that this application was prepared by me or under my supervision and direction; and that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Date: 5-8-07 Signature: _____ Print Name: NORMAN SWANSON

SUBMITTAL INFORMATION:

Three (3) complete copies are required.

- **Two (2)** copies, one hard copy with original signatures and one electronic copy in Portable Document Format (PDF) on a CD or diskette, must be sent to:

  Chief, Site Control Section
  New York State Department of Environmental Conservation
  Division of Environmental Remediation
  625 Broadway
  Albany, NY 12233-7020

- **One (1)** hard copy must be sent to the DEC regional contact in the regional office covering the county in which the site is located. Please check our website for the address of our regional offices: http://www.dec.state.ny.us/website/der/index.html

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FOR DEPARTMENT USE ONLY

BCP SITE T&A CODE: _____ **LEAD OFFICE:** _____

SUPPLEMENT INFORMATION FOR BROWNFIELD CLEANUP PROGRAM APPLICATION

SECTION II PROPERTY INFORMATION SUMMARY

The subject property is positioned within Census Tract 003400, which is part of a designated New York State Environmental Zone (En-zone) pursuant to Tax Law 21 (b)(6). A copy of the Onondaga County En-zone Eligibility Tracts map is provided in Attachment A.

SECTION VI PROPERTY DESCRIPTION

Introduction

The subject property, currently owned by 700 Out Parcel, LLC, is located at 701-709 East Water Street in the City of Syracuse, New York. The location of the property in relation to major roads and other points of reference is indicated on Figure 1 – *Location Plan.* A legal description of the property is detailed in the deed provided in Attachment B. The property consists of two parcels, which are identified by Tax Map Identification numbers #030-14-01.0 (Parcel No. 1) and #030-14-02.0 (Parcel No. 2). A copy of the tax map is provided in Attachment C. Tax map information and land use data obtained from the City of Syracuse (Online at Syracuse-Onondaga GIS on the web at http://www.maphost.com/syracuse%2Donondaga/main.asp) served as the basis for Figure 2 –*Surrounding Land Uses,* which identifies the surrounding land uses of area properties within a 1,000 foot radius of the subject property. A 2003 Boundary and Topographic Survey Plan provided by The Woodbine Group (Woodbine) served as the basis for Figure 3 –*Site Plan,* which identifies the approximate location and orientation of the features of the site.

The subject property is known to have petroleum subsurface impacts, which were released to the subsurface from leaky underground storage tanks (USTs) and associated distribution lines of a former gasoline service station that operated at the site during the period 1949-1964. Upon initial discovery of petroleum-impacted soil in the vicinity of the USTs and distribution line piping, the New York State Department of Environmental Conservation (NYSDEC; herein referred to as the Department) Spill Hotline was called on December 4, 2006 and spill ID #06-10014 was assigned to the site. Additionally, these petroleum impacts have also been filed by BDA during a 2001 subsurface investigation of the site under NYSDEC spill ID #01-11549.

Purpose of Proposed Brownfield Cleanup Program Project

The ownership of 700 Out Parcel, LLC intends to develop and implement a remedial program for brownfield sites pursuant to 6 New York Code of Rules and Regulations (NYCRR) Part 375 (Effective December 14, 2006). Specifically, the proposed brownfield cleanup program (BCP) will follow Environmental Conservation Law (ECL) Article 27-1409, 6NYCRR Subpart 375-1 (General Remedial Program Requirements), 6NYCRR Subpart 375-3 (Brownfield Cleanup Program), and 6NYCRR Subpart 375-6 (Remedial Program Soil Cleanup Objectives). The purpose of the proposed BCP is two-fold:

1. Develop a comprehensive subsurface investigation to define the nature and extent of subsurface petroleum contamination, and select appropriate and reasonable remedial measures to prevent or limit human, environmental, or natural resource exposure to site contamination that was previously released to the subsurface by former owners and occupants of the subject property.
2. Restore the subject property to standards set forth in 6NYCRR Subpart 375-6 (Remedial Program Soil Cleanup Objectives) and to the satisfaction of the Department in order to redevelop the property.

Proposed Use After Remediation

The proposed use of the subject property after remediation by 700 Out Parcel, LLC is to redevelop the property into a multi-purpose commercial and educational support center, with an underground parking garage. The project will be designed to compliment the proposed Center of Excellence Project on the adjoining property to the south at 727 Washington Street (see Figure 2). This proposed property reuse will cater to and ultimately benefit the general public in a manner that will raise the living standard, economic vitality, and aesthetic beauty of the downtown Syracuse community.

Estimated Project Schedule

Upon receipt of an approved BCP application for the subject property, 700 Out Parcel, LLC shall use all best efforts to move forward with the BCP according to the following approximate timeline:

1. Prepare and submit a Remedial Investigation Work Plan to the Department within approximately two months after the execution of the BCP Agreement.
2. Department comment period: one month.
3. A comprehensive site investigation shall be completed within approximately one month after final work plan approval.
4. Prepare and submit a Remedial Investigation Report to the Department within approximately two months after completion of field investigation services.
5. Department approves Report: one month.
6. Prepare and submit a Remedial Work Plan with appropriate cleanup track and alternatives analysis of available remedial technologies in approximately three months after remedial investigation report approval.
7. Department approves alternatives analysis: one month.
8. Public comment period: 1.5 months.
9. Department approves Remedial Work Plan: 0.5 months
10. Assuming that the selected remedy will be removal and disposal, remedial efforts shall be completed within approximately six months of receipt of an approved remedial work plan. If possible, site development will occur concurrently with remedial activities.

SECTION VII PROPERTY ENVIRONMENTAL HISTORY

Phase I Environmental Site Assessment

A Phase I Environmental Site Assessment (ESA) of the subject property was prepared for the City of Syracuse Industrial Development Agency by C&H Engineers, P.C. in December 1997 (See Attachment D). The ESA was prepared in accordance with ASTM Standard E1527-97, *Standard Practice for Environmental Site Assessments*. Based on the results of the Phase I ESA, C&H Engineers cited the following conclusions:

1. During the site reconnaissance, C & H Engineers observed two (2) holes in the asphalt surface at the subject property which appeared to be UST fill ports.
2. The Abstract of Title and the Sanborn Fire Insurance Maps identified four (4) 1,000-gallon and one (1) 550-gallon UST at the site.
3. Historical records also indicated that the subject property was a gasoline filling station from 1949 to 1964, which may have exposed the site to activities of environmental concern in addition to the presence of the USTs.

Limited Phase II Environmental Site Assessment

A Limited Phase II ESA of the subject property was prepared for the Woodbine Group by Beardsley Design Associates (BDA) in December 1997 (See Attachment E). Based on the results of the Limited Phase II ESA, BDA cited the following conclusions:

1. Four 2,000-gallon (approximate) USTs were encountered during the advancement of test pit TP-3. The backfill material surrounding the USTs, consisting of pea stone gravel, was determined to be significantly impacted. The backfill material was contained within an approximate 40-foot by 20-foot area. The surrounding native silt soils did not appear to be significantly impacted. Based on the information provided to the NYSDEC Spill Hotline, a spill file number (01-11549) was assigned to the subject parcel.

   Conclusion: Although some contamination of the adjacent native silt/glacial till material is expected, these types of soils exhibit minimal permeability, and as such, only limited contaminant migration beyond the backfill materials is anticipated. Since groundwater was not encountered during the exploratory excavations, however, the vertical extent of gasoline contaminated soils is unknown. It is also possible that some contaminant migration to the adjacent utility trench (gas main) backfill materials extending along the eastern side of Almond Street (western property boundary) may have occurred. It is estimated that 400 to 500 cubic yards of contaminated backfill material and native soils exist in the vicinity of the gasoline USTs.

2. An approximate 550-gallon UST was encountered during the advancement of test pit TP-1. The UST, which had apparently been utilized for the storage of oil product, was found to be holding water. No staining, odors, or sheens were observed on the soils in the vicinity of the 550-gallon UST. Although parameter-specific concentrations of one VOC

(acetone) and two SVOCs (fluoranthene and pyrene) were detected within the subsurface soil sample collected from the bottom of test pit TP-1, the concentrations do not exceed relative TAGM 4046 recommended soil cleanup objectives.

Conclusion: Potentially petroleum-impacted soils in the vicinity of the 550-gallon UST appear to be limited to approximately 50 cubic yards.

UST Closure and Supplemental Subsurface Investigation

In November/December 2006 and March 2007, BDA performed a UST closure, soil remedial excavation activities, and supplemental subsurface investigation at the subject property (See Attachment F). The site activities were performed in accordance with NYSDEC guidelines regarding UST removals and in general accordance with ASTM Standard E1903-97. The following conclusions were drawn from this investigation:

Site Subsurface Geology

Subsurface soil units underlying the subject property are interpreted as:

1. The basal soil unit (GC) that occurs at approximately 14.5-16 ft bgs is interpreted as a highly compact, clay-rich gravelly lodgement till with a predicted very low hydraulic conductivity.
2. The middle soil units (lower ML, GP, upper ML, and Peat/ML) that occur at approximately 4-14 ft bgs are collectively interpreted as a glacio-lacustrine sequence of fine-grained lake deposits. The lower ML/GP subsequence is a coarsening-upward package possibly representing a small lake delta. This interpretation is consistent with the description of Pleistocene glacio-lacustrine deposits published on the Surficial Geologic Map of New York State (Cadwell and Pair 1991). Corresponding hydraulic conductivities of the peat and ML subunits are predicted to be low. However, the hydraulic conductivity of the GP subunit is predicted to be high and potentially capable of allowing subsurface petroleum impacts in soil and groundwater to migrate.

Gasoline UST Excavations

1. On December 4 and December 12, 2006, seven USTs were decommissioned and removed from the site (UST-1 through UST-7). These USTs included:

   - 4, 1,000-gallon gasoline USTs
   - 2, 550-gallon USTs (one fuel oil and one waste oil)
   - 1, 4,200-gallon gasoline UST

2. Upon discovery of petroleum-impacted soil, the NYSDEC Spill Hotline was called by Seabird personnel on December 4, 2006 and spill ID #06-10014 was assigned to the site.
3. Upon completion of post-excavation soil sampling and laboratory analysis, residual gasoline-impacted soil above NYSDEC guidance values persists along the north, east, and south sidewalls of the north excavation pit of the gasoline UST field.

4. The highest headspace concentrations of total volatile organic compounds (VOCs) in soil appear to be confined to the sand and gravel unit (GP) at approximately 10-12 ft bgs, with the exception of the footprints of petroleum releases in the upper silt and fine sand unit (ML) emanating from the gasoline USTs and associated distribution line piping. A total of approximately 1,810 tons of gasoline-impacted soil was excavated and stockpiled from these areas pending transport and disposal to a sanitary landfill. Mr. Richard Brazell of NYSDEC Region 7 has granted 700 Out Parcel, LLC an open-ended extension for disposal of the stockpile pending further investigation and remedial actions at the subject property. Concentrations of residual gasoline-impacted soil remain on site, especially beneath the former distribution line piping along the eastern sidewall of the north excavation pit of the gasoline UST field.
5. Gasoline impacted soil extends to and potentially beyond the north property boundary.
6. Upon completion of post-excavation soil sampling and laboratory analysis within the south excavation pit of the gasoline UST field, no VOCs or semi-volatile organic compounds (SVOCs) were detected above NYSDEC guidance values.

Fuel Oil UST Pit

1. Upon completion of post-excavation soil sampling and laboratory analysis, no concentrations of VOCs and SVOCs were detected above the laboratory detection limit or NYSDEC guidance values in the subsurface soil samples.

Waste Oil UST Pit

1. Upon completion of post-excavation soil sampling and laboratory analysis, concentrations of VOCs were detected in the sidewall composite and excavation bottom samples, but were well below the NYSDEC guidance values, with the exception of total xylenes detected in the sidewall composite sample above the NYSDEC guidance value.
2. Concentrations of SVOCs were detected in the sidewall composite sample, but were well below the NYSDEC guidance values. No concentrations of SVOCs were detected above the laboratory detection limit in the remaining subsurface soil samples.

Limited Subsurface Investigation

1. Upon advancement of 13 test pits, it was observed that residual gasoline-impacted soil extends to and potentially beyond the northern property boundary. Gasoline-impacted soil extends to within 35 ft of the eastern property boundary and to the fence line at the southern and western property boundaries. Soil analytical results of samples collected from the south and west sidewalls within the former UST excavation indicate that contamination has not likely migrated off-site. However, based on test pit soil screening results, it is inconclusive whether or not petroleum subsurface impacts have migrated off-site to the south from on-site areas to the east of the former UST excavation.
2. An extensive area of elevated VOC concentrations in TP-1 (maximum of 1,439 ppm at 11 ft bgs), TP-2 (maximum of 1,732 ppm at 12.7 ft bgs), and TP-4 (maximum of 1,970 ppm at 12.5 ft bgs) located at the eastern portion of Parcel No. 1 suggests a source of petroleum contamination from former pump islands and distribution lines in this area.

3. An anomaly of elevated VOC concentrations in TP-11 located at the north-central portion of Parcel No. 2 (maximum of 2,000+ ppm at 10 ft bgs) suggests that there may be a secondary source of petroleum contamination in this area.
4. A section of concrete uncovered in the vicinity of TP-3 is believed to be a remnant of a former pump island, which suggests that former distribution line piping may have released petroleum to the subsurface from this area as well.
5. A section of former brick foundation and concrete footers uncovered in the vicinity of TP-11 and TP-12 is a potential remnant of a former automobile dealership and service center building, which is known to have existed concurrently on Parcel No. 2 during operations of the gasoline service station on Parcel No. 1.
6. A rectangular wooden subsurface structure with a wooden plank floor and localized visual evidence of congealed used motor oil beneath the wooden planks was uncovered in TP-13, which is believed to be a former automobile service pit for changing motor oil in vehicles. Although congealed used motor oil was observed, no headspace concentrations of total VOCs were detected in soil samples collected from this horizon, which may be indicative of degradation of SVOC constituents over an extended period of time.
7. The limited subsurface investigation further supports the earlier statement that gasoline impacted soil extends to and potentially beyond the northern property boundary in the vicinity of the north sidewall of the remedial investigation and test pits TP-2 and TP-11. In addition, gasoline impacted soil extends to and potentially beyond the southern property boundary in the vicinity of test pits TP-1, TP-4 and TP-6.
8. The extent of the VOC plume does not appear to have impacted the southeastern portion of Parcel No. 2 in the vicinity of TP-7, TP-8, TP-10, and TP-13. However, since the soils were merely screened for volatile vapors, SVOC and metals contaminants may exist within this area.

SECTION VII PROPERTY'S ENVIRONMENTAL HISTORY

List of Historical Ownership of Subject Property (701-709 East Water Street)

Owner/Lessee	Description	From	To	Last Known Address	Last Known Telephone Number
The Markert Manufacturing Co.	Westerly ±236 feet of Lot No. 1 in Block 261	Unknown	12/30/1948	Unknown	Unknown
Robert, Herbert & Zetta Markert	Westerly ±236 feet of Lot No. 1 in Block 261	12/30/1948	11/29/1962	Unknown	Unknown
Shell Oil Company, Inc. (Lessee)[1]	Westerly 76' x 100' of Lot No. 1 in Block 261	6/1/1949	5/31/1964	P.O. Box 2463 Houston, TX 77252	(713) 241-6161
Marine Midland Trust Company (Now HSBC Bank USA, N.A.)	Westerly ±236 feet of Lot No. 1 in Block 261	11/29/1962	2/9/1968	One HSBC Center Buffalo, NY 14203	(716) 841-2018
701 East Washington Realty Corp.	Westerly ±236 feet of Lot No. 1 in Block 261	2/9/1968	2/10/1968	Unknown	Unknown
NYS Teachers' Retirement System	Westerly ±236 feet of Lot No. 1 in Block 261	2/10/1968	12/31/1975	Unknown	Unknown
Alpha Collateral, Ltd.	Westerly ±236 feet of Lot No. 1 in Block 261	12/31/1975	2/9/1979	Unknown	Unknown
NYS Teachers' Retirement System	Westerly ±236 feet of Lot No. 1 in Block 261	2/09/1975	6/17/1981	Unknown	Unknown
Tygate Towers, Inc.	Westerly ±236 feet of Lot No. 1 in Block 261	6/17/1981	4/12/1983	Unknown	Unknown
Charles Square, Ltd.	Westerly ±236 feet of Lot No. 1 in Block 261	4/12/1983	8/4/1989	Unknown	Unknown
700 Outparcel Corp.	Westerly ±236 feet of Lot No. 1 in Block 261	8/4/1989	12/1997	Unknown	Unknown
Swanson Fayette Associates, LLC[1]	Westerly ±236 feet of Lot No. 1 in Block 261	12/1997	Present	505 East Fayette Street Syracuse, NY 13202	315-471-7400

[1] This entry in the Abstract of Title, describing the terms and conditions of said Lease, refers to "...gasoline filling and automobile service station equipment and apparatus..." including "4-1,000 gallon, 1-4,200 gallon, and 2-550 gallon underground storage tanks" on the property.
[2] Swanson Fayette Associates, LLC and 700 Out Parcel, LLC are both subsidiaries of the parent company Woodbine Group.

SECTION VII PROPERTY'S ENVIRONMENTAL HISTORY (Continued)

List of Historical Occupants of Subject Property (701-709 East Water Street)				
Occupant	From	To	Last Known Address	Last Known Telephone Number
Kenneth Murdock Gasoline Service Station	1940	1942	Unknown	Unknown
Warren Everson Gasoline Service Station	1943	1944	Unknown	Unknown
Chas. Jones Gasoline Service Station	1945	1945	Unknown	Unknown
Anton Zarachowicz Gasoline Service Station	1946	1946	Unknown	Unknown
Anton Zarachowicz Gasoline Service Station and Daniel Morris Used Cars	1947	1947	Unknown	Unknown
Anton Zarachowicz Gasoline Service Station and Fix Fred Used Cars	1948	1949	Unknown	Unknown
Anton Zarachowicz Gasoline Service Station and Reynolds Motors, Inc.	1950	1952	Unknown	Unknown
A.F. Zarach & Sons Gasoline Service Station and Reynolds Motors, Inc.	1953	1960	Unknown	Unknown
George's Shell Gas Station	1961	1961	Unknown	Unknown
George C. Macks, Inc. Gasoline Service Station and B&S Used Cars	1962	1963	Unknown	Unknown
Ed and Bob's Shell Gasoline Service Station Station	1964	1964	Unknown	Unknown
Shell Oil Company, Inc. (Lessee)	6/1/1949	5/31/1964	P.O. Box 2463 Houston, TX 77252	(713) 241-6161
Vacant	1964	2007	NA	NA

SECTION VIII CONTACT INFORMATION

Site Contact List

i) Chief Executive Officers and Zoning Board Chairpersons

Officer or Chairperson	Name of Individual	Address/Phone
City of Syracuse- Mayor	Matthew J. Driscoll	203 City Hall Syracuse, New York 13202 (315) 448-8005 Fax (315) 448-8067
City of Syracuse- Zoning Board Chairperson	(no names are to be given out - mail channeled through this office)	Zoning Board Chairperson City of Syracuse 201 E. Washington St., Room 211 Syracuse, NY 13202 (315) 448-8640
Onondaga County- Chief Executive Officer	Nicholas Pirro	Office of County Executive John Mulroy Civic Center 421 Montgomery St., 14th Flr. Syracuse, NY 13202-2923 (315) 435-3516

ii) Residents, owners, and occupants of the site and properties immediately adjacent to the site.

Name and Address of Owner (Company or Individual and Description of Property Use)	Property Address and Use	Relative Position of the Adjoining Property With Respect to the Subject Property
Firetree Ltd 800 West 4th Street Williamport, PA 17701	701-709 Erie Boulevard East (Halfway House)	Northwest
BFS Retail & Commer, LLC 333 E. Lake Street Bloomingdale, IL 60108	711-721 Erie Boulevard East (Auto Body and Tire Shop)	Northeast
AREC II, LLC 272 N. Central Ave., Ste. 700 Phoenix, AZ 85004	740-746 Erie Boulevard East (U-Haul Rental Facility)	East
Syracuse University Skytop Office Building Syracuse, NY 13244	727 Washington Street (Under construction for Proposed Center of Excellence Project; Active Brownfield Cleanup Program Site)	South

Swanson Fayette Associates, LLC 505 E. Fayette St. Syracuse, NY 13202	650 East Water Street (Parking Lot)	Southwest
New York State 627 Water & Almond Sts. & Erie Blvd. E. Syracuse, NY 13202	627 East Water Street (Parking Lot)	West

iii) Local news media from which the community typically obtains information.

The Post-Standard
101 North Salina Street
Syracuse, NY 13202
(315) 470-0011

WSTM-TV 3 (NBC)
1030 James Street
Syracuse, NY 13204
(315) 477-9400

WTVH-TV 5 (CBS)
980 James Street
Syracuse, NY 13203
(315) 425-5555

WSYR-TV 9 (ABC)
5904 Bridge Street
East Syracuse, NY 13057
(315) 446-3333

News 10 Now-TV 10 (Time Warner)
815 Erie Boulevard East
Syracuse, NY 13210
(315) 492-9059

WSYT-TV 68 (FOX)
1000 James St.
Syracuse NY 13203
(315) 472-6800

WSYR- Clear Channel Radio
Bridgewater Place
500 Plum Street, Suite 100
Syracuse, New York 13204
(315) 474-NEWS

iv) Public Water Supplier

City of Syracuse Water
233 East Washington Street, Room 106
Syracuse, NY 13202
(315) 448-8238
Name: Debi Somers, Manager

v) Environmental Consultants for 700 Out Parcel, LLC

Beardsley Design Associates
431 East Fayette Street
Syracuse, NY 13202
(315) 431-6980
Attention: Daniel Bishuk, Jr., CPG, Senior Geologist
Richard D. McKenna, Project Engineer

vi) Administrator of School or Day Care Facility Located On or Near the Site

Dr. Edwin E. Weeks Public Elementary School
710 Hawley Avenue
Syracuse, NY 13203
(315) 435-4097
Name: David Dutter, Chief Administrator

ABC Learning Center
573 East Genesee Street
Syracuse, NY 13202
(315) 435-4111

Site Document Repository

The Local History Department of the Onondaga County Public Library will be designated as the document repository for the proposed BCP. The location and telephone number of the document repository is as follows:

Local History Department
Onondaga County Public Library
447 South Salina Street
Syracuse, New York 13202
Phone: (315) 435-1800

A copy of a letter sent to the BCP repository acknowledging that it agrees to act as the document repository for the site is provided in Attachment G.

SECTION IX LAND USE FACTORS

Adjacent Uses

The subject property is located in an area of mixed commercial and residential usage. An area map depicting the surrounding land uses within a 1,000-foot radius of the subject property is provided in Figure 2.

Groundwater Vulnerability

Groundwater vulnerability from contamination sources is defined as the tendency or likelihood for contaminants to reach a specified position in the groundwater system after introduction at some location above the uppermost aquifer. According to NYSDEC, groundwater beneath the site is classified as class GA groundwater.

An interpretation of the topographic expression shown on the 1978 USGS 7.5-minute topographic map (Syracuse West Quadrangle) suggests that predicted groundwater flow beneath the subject property is to the west-southwest. As such, hazardous substances or petroleum products dissolved in groundwater have the potential to migrate from the subject property to adjoining properties to the west-southwest.

Since the City of Syracuse supplies public potable water throughout the entire city, properties in the vicinity of the subject property are not used for the extraction of potable groundwater. Furthermore, there are no wellhead protection areas, groundwater recharge areas, residential wells, or commercial wells within a one mile radius of the site. Therefore, the potential vulnerability of groundwater from hazardous substances or petroleum products dissolved in groundwater that emanate from the site is considered to be low. It is also important to note that it appears unlikely that the groundwater system in the vicinity of the subject property will be used in the future as a potable groundwater supply.

Geography/Geology

Geography

The subject property is located in an urbanized area on the near northeast side of downtown Syracuse, New York (See Figure 1). The site is positioned immediately adjacent to the overpass interchange of Interstate Highways I-81 and I-690. At street level beneath the highways, the site is located at the intersection of East Water Street and Almond Street. The topography of the landscape is generally flat with a gentle slope toward the west-southwest. Onondaga Creek is the nearest water body located approximately 0.5 miles to the west.

Geology

During previous subsurface investigations conducted by BDA, native soil was classified using the Unified Soil Classification System (USCS) in accordance with the American Society for Testing and Materials (ASTM) Standard D 2487-83 (ASTM, 1985) and as summarized in the reference chart in Attachment H. A generalized cross-section of the surficial geologic units encountered is summarized in the table below:

GENERALIZED CROSS-SECTION OF SUBSURFACE GEOLOGIC UNITS		
Depth (feet below ground surface)	**USCS Unit Designation**	**Lithologic Description of Soil**
0-4	FILL (GM/GC)	Asphalt/Macadam (0-0.5 ft) then FILL; Medium Gray-Brown SILT; Some Clay and f-c Gravel; Little vf-c Sand (Slightly moist; Brick, concrete, and glass fragments present)
4-5.5	PEAT/ML	PEAT with Dark Gray to Black SILT; Little vf-f Sand (Slightly moist; Abundant wood, reeds, and organic matter)
5.5-10	ML	Light Gray-Brown SILT and vf-f SAND with thin alternating lenses of pure vf-m sand, silt, and clay (Moist; Laminations and bedding present; Abundant root casts and decayed root matter; Localized clay intervals exhibit moderate plasticity)
10-12	GP	Light Greenish Brown m-c SAND and f GRAVEL; Trace vf-f Sand (Very moist; Wet at approximately 10.5-11 feet; subangular to subrounded clasts)
12-14.5	ML	Light Brown vf-f SAND; Some Silt and Clay (Wet; Sand, silt, and clay occurs in alternating thin beds and lenses)
14.5-16	GC	Reddish Brown f-m GRAVEL and CLAY; Little Silt and vf-c Sand (Slightly moist to dry; Very stiff and compact; High plasticity; Difficult digging with trackhoe)

The subsurface soil units described in section 3.2 of this report are interpreted as:

1. The basal soil unit (GC) that occurs at approximately 14.5-16 ft bgs is interpreted as a highly compact, clay-rich gravelly lodgement till with a predicted very low hydraulic conductivity.
2. The middle soil units (lower ML, GP, upper ML, and Peat/ML) that occur at approximately 4-14 ft bgs are collectively interpreted as a glacio-lacustrine sequence of fine-grained lake deposits. The lower ML/GP subsequence is a coarsening-upward package possibly representing of a small lake delta. This interpretation is consistent with the description of Pleistocene glacio-lacustrine deposits published on the Surficial Geologic Map of New York State (Cadwell and Pair 1991). Corresponding hydraulic conductivities of the peat and ML subunits are predicted to be low. However, the hydraulic conductivity of the GP subunit is predicted to be high and potentially capable of allowing subsurface petroleum impacts in soil and groundwater to migrate.

Historic Sites

There are several State historic sites that marginally fall within a 0.5-mile radius of the site (see Attachment I). Potential impacts to aesthetic viewsheds by site activities is a consideration to only one of the historic sites located southeast of the site, since all other historic sites are located to the north and west of I-81 and I-690 highway overpasses. However, construction of the proposed Center of Excellence project at 727 East Washington Street is in a direct line between the subject property and the historic site to the southeast.

FIGURES

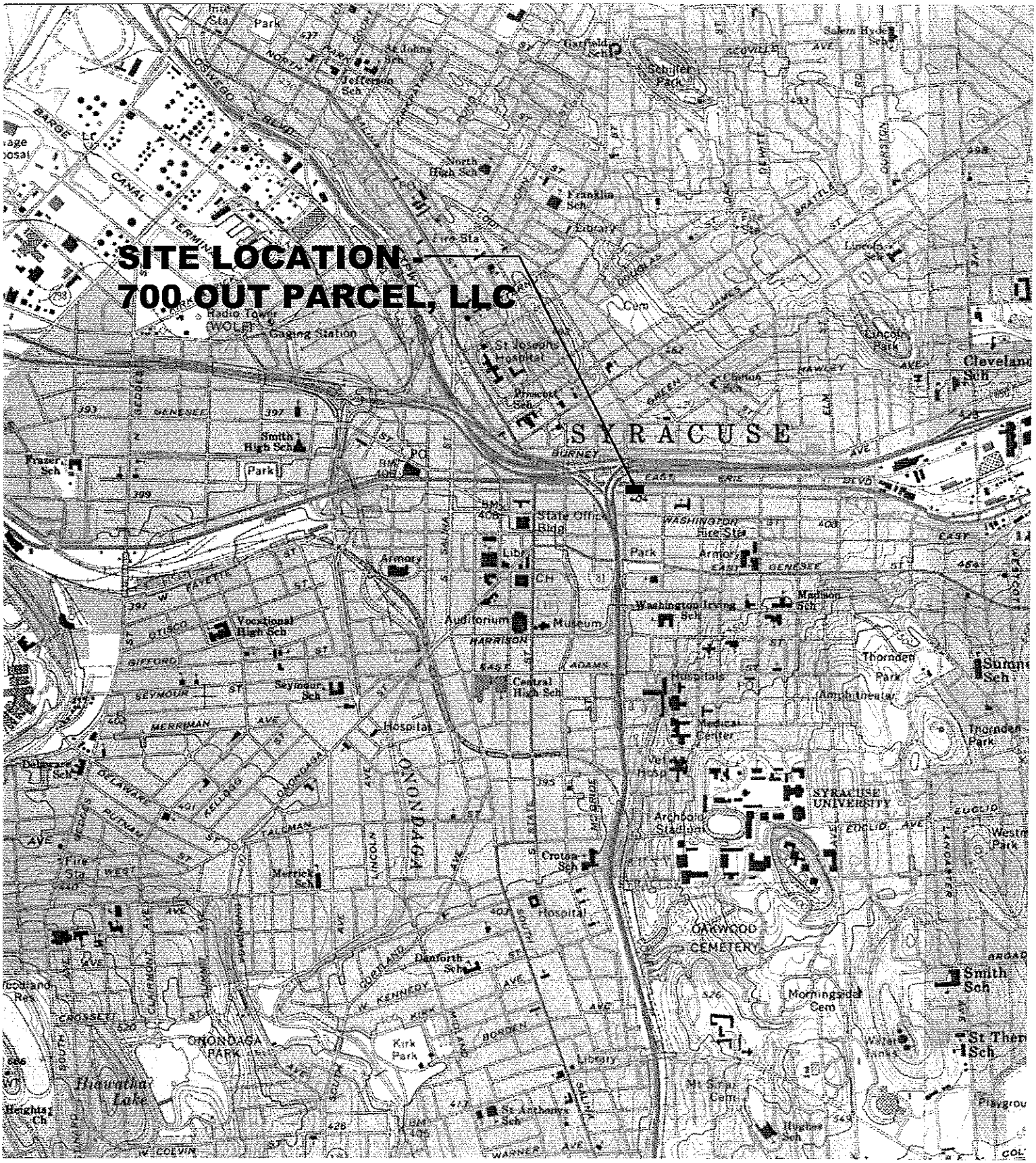


FIGURE 1 - LOCATION PLAN

700 Out Parcel, LLC
701–709 East Water Street
Syracuse, New York

Brownfield Cleanup
Program Application

06920.004

Scale: 1" = 2,000'

627 EAST WATER STREET
OWNER: NEW YORK STATE
(PARKING LOT)

CITY OF SYRACUSE
(VACANT)

711-721 ERIE BLVD WEST
OWNER: BFS RETAIL & COMMER, LLC
(AUTO BODY & TIRE SHOP)

740-746 ERIE BLVD EAST
OWNER: ARC II, LLC
(U-HAUL RENTAL FACILITY)

650 EAST WATER STREET
OWNER: SWANSON FAYETTE
ASSOCIATES, LLC
(PARKING LOT)

727 WASHINGTON STREET
OWNER: SYRACUSE
UNIVERSITY
PROPOSED CENTER OF
EXCELLENCE PROJECT
(ACTIVE BROWNFIELD
CLEANUP PROGRAM SITE)

RESIDENTIAL
APARTMENTS

HOTEL

LAND USE ABBREVIATIONS

- CAR - COMMERCIAL AUTOMOTIVE REPAIR
- CD - COMMERCIAL DISTRIBUTION FACILITY
- CG - COMMERCIAL GENERAL
- CO - COMMERCIAL OFFICES
- CR - COMMERCIAL RELIGIOUS
- GAS - GASOLINE SERVICE STATION
- HT - HOTEL
- M - MANUFACTURING
- PL - PARKING LOT
- R - RESIDENTIAL
- RS - RESTAURANT
- VC - VACANT COMMERCIAL LAND
- VM - VACANT MANUFACTURING
- VR - VACANT RESIDENTIAL LAND

LEGEND

- (A) 701 EAST WATER STREET (PARCEL NO 1) SUBJECT SITE OWNER: 700 OUT PARCEL, LLC
- (B) 709 EAST WATER STREET (PARCEL NO 2) SUBJECT SITE OWNER: 700 OUT PARCEL, LLC

PROPOSED BROWNFIELD PROPERTIES

FIGURE 2 - SURROUNDING LAND USES

700 Out Parcel, LLC
701-709 East Water Street
Syracuse, New York

Brownfield Cleanup
Program Application

Scale: 1" = 200'

Notes:

1. Property Boundary Sketch prepared to show general arrangement of property for Brownfield Cleanup Program Application. Do not use for any other purpose.

06920.004

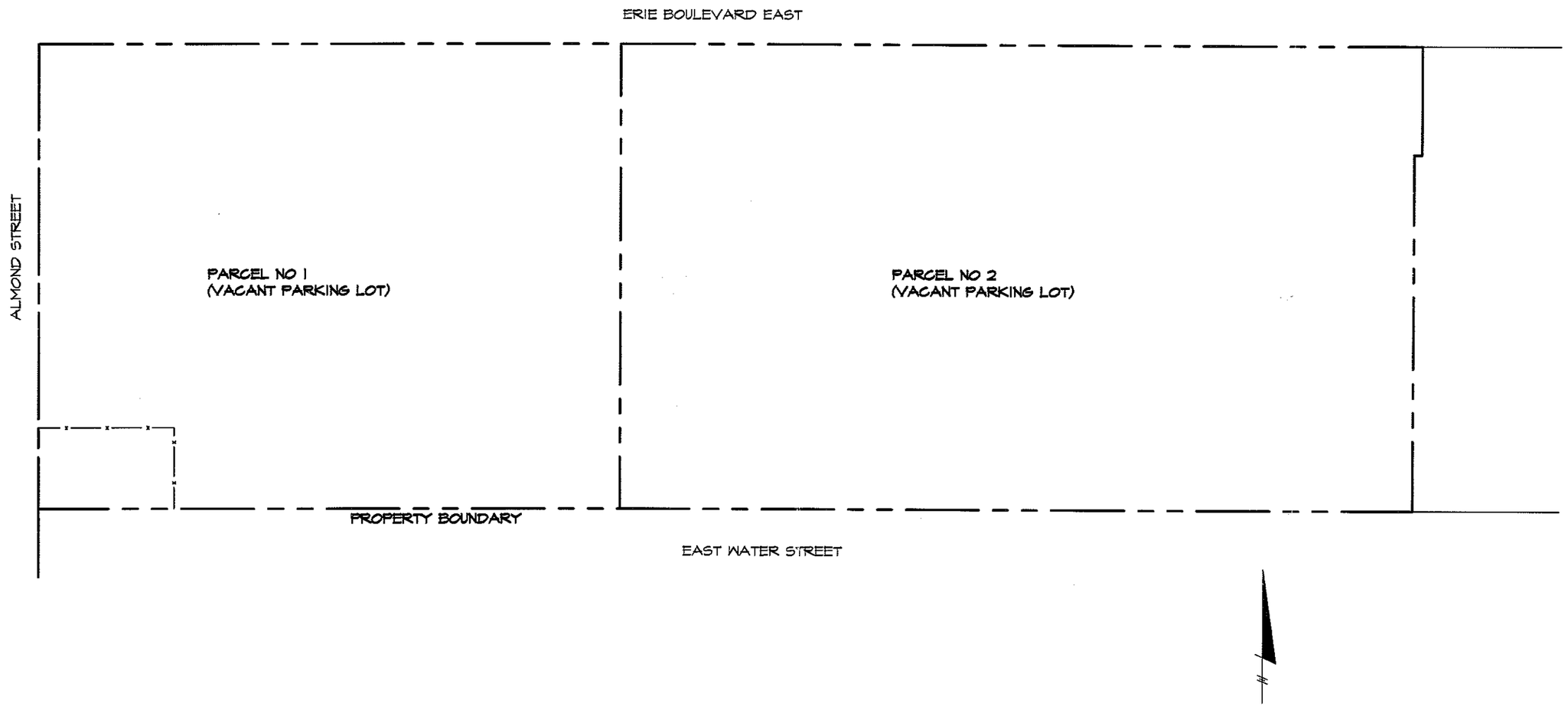


FIGURE 3 - SITE PLAN

700 Out Parcel, LLC
701–709 East Water Street
Syracuse, New York

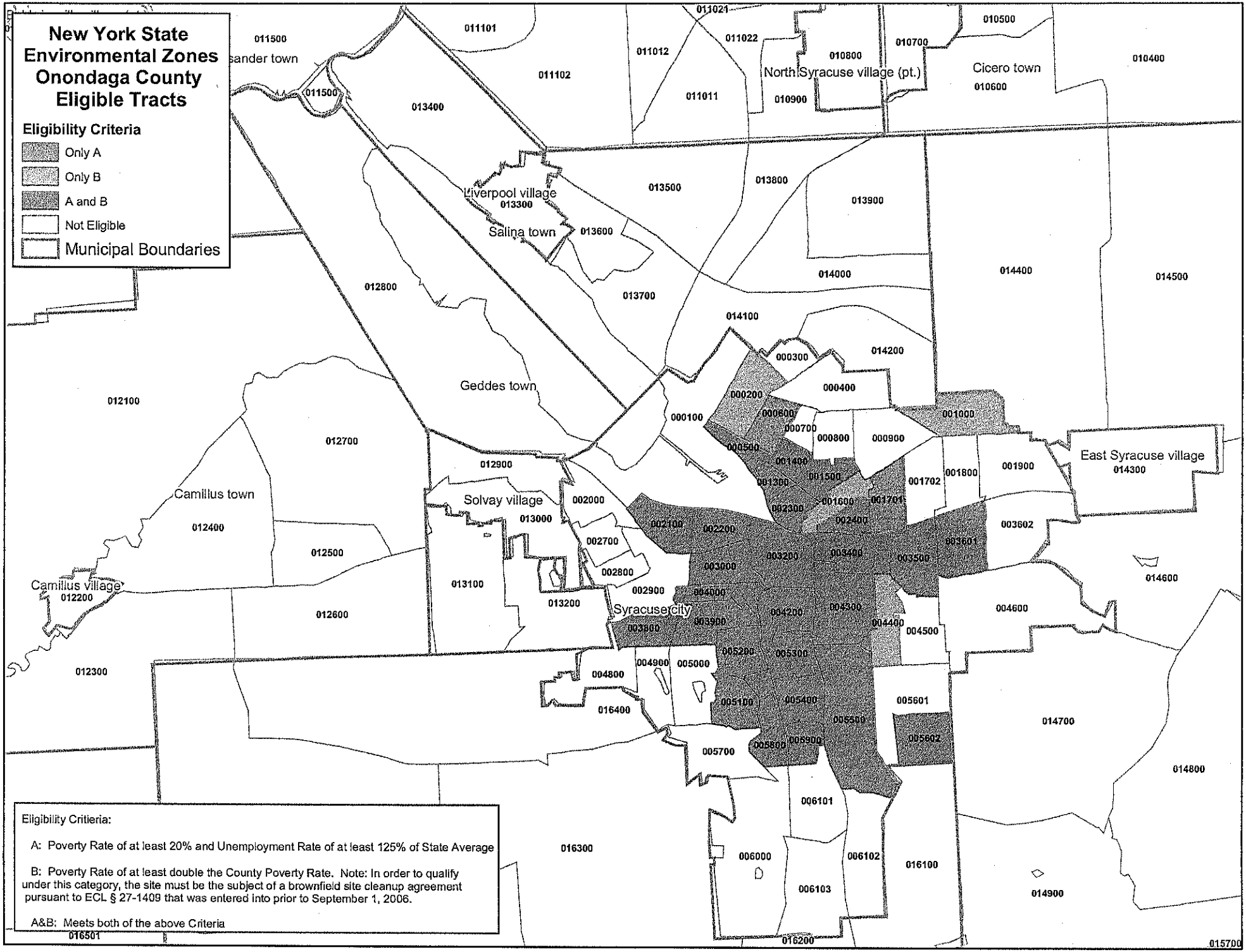
Brownfield Cleanup
Program Application

Scale: 1" = 200'

06920.004

ATTACHMENT A

Map of Eligible Tracts of New York State Environmental Zones in Onondaga County


New York State Environmental Zones Onondaga County Eligible Tracts
Eligibility Criteria
Only A
Only B
A and B
Not Eligible
Municipal Boundaries
Eligibility Critieria:
A: Poverty Rate of at least 20% and Unemployment Rate of at least 125% of State Average
B: Poverty Rate of at least double the County Poverty Rate. Note: In order to qualify under this category, the site must be the subject of a brownfield site cleanup agreement pursuant to ECL § 27-1409 that was entered into prior to September 1, 2006.
A&B: Meets both of the above Criteria
Lysander town
North Syracuse village (pt.)
Cicero town
Liverpool village
013300
Salina town
Geddes town
Camillus town
Camillus village
012200
Solvay village
Syracuse city
East Syracuse village
014300
011500
011101
011021
011022
011012
011102
011011
010500
010700
010800
010900
010600
010400
013400
013500
013800
013900
013600
014000
014400
014500
012800
013700
014100
014200
000300
000400
000200
000600
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001000
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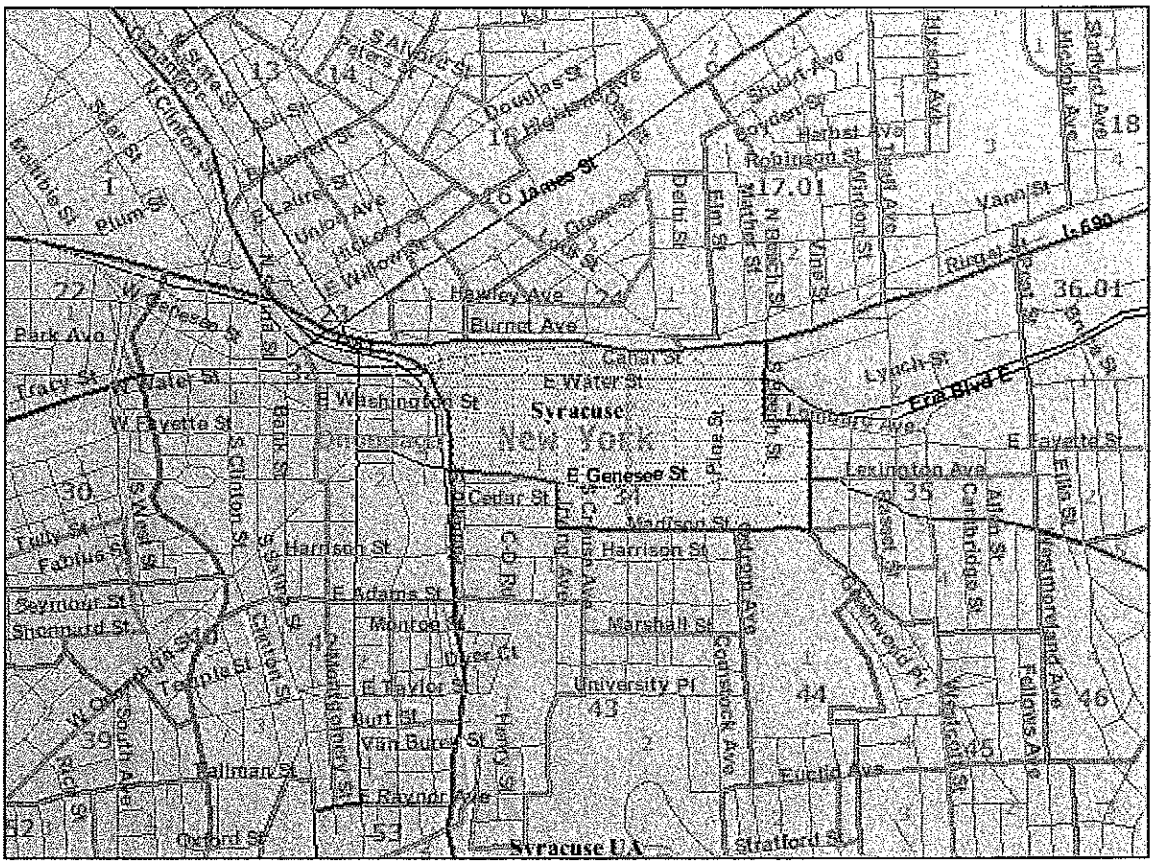
000900
000500
001400
001500
001300
001702
001800
001900
012100
012700
012900
002000
013000
002100
002200
002400
003602
003601
012400
012500
002700
002800
003000
003200
003400
003500
014600
013100
002900
004000
013200
012600
003900
004200
004300
004400
004500
004600
012300
004800
004900
005000
005200
005300
016400
005100
005400
005601
005602
014700
005700
005800
005900
014800
006101
016300
006000
006102
016100
006103
014900
016501
016200
015700

Census Tract 34, Onondaga County, New York

Boundaries
- State
- '00 County
- '00 Census Tract
- '00 Block Group
- '00 Block
- '00 Place
- '00 Place
- '00 Urban Area
- '00 Urban Area

Features
- Major Road
- Street
- Stream/Waterbody
- Stream/Waterbody



2.8 miles across

Close

ATTACHMENT B

Deed and Legal Description of the Subject Property
700 Out Parcel, LLC, 701-709 East Water Street, Syracuse, New York

Deed

This deed is made this 2nd day of April, 2007 between

Swanson Fayette Associates, LLC of 505 East Fayette Street, Syracuse, NY 13202
"Grantor"

and

700 Out Parcel, LLC of 505 East Fayette Street, Syracuse, NY 13202
"Grantee",

WITNESSETH, that the Grantor, in consideration of ONE DOLLAR ($1.00) and other good and valuable consideration paid by the Grantee, does hereby release and quitclaim unto the Grantee, the heirs or successors and assigns of the Grantee forever,

ALL THAT TRACT OR PARCEL OF LAND, situated in the City of Syracuse, County of Onondaga and State of New York being part of Block 261 of said City and also being a part of the former Erie Canal lands and bounded and described as follows, viz:

Beginning at the intersection of the easterly line of Almond Street and the southerly line of Erie Boulevard East; thence South 89°31'20" East along the southerly line of Erie Boulevard East, 237.96 feet to a point; thence South 0°29"10" West 18.8 feet to a point in the blue line of the former Erie Canal; thence North 89°31'20" West along said blue line 1.33 feet to a point; thence South 0°20'00" West 61.62 feet to the northerly line of East Water Street; thence North 89°30'50" West along the northerly line of East Water Street 236.58 feet to the easterly line of Almond Street; thence North 0°20'00" East along the easterly line of Almond Street, 80.39 feet to the place of beginning.

TOGETHER, with the appurtenances and all the estate and rights of the Grantor in and to said premises.

BEING part of the same premises conveyed to Swanson Fayette Associates, LLC by Deed dated February 11, 2003 and recorded in the Onondaga County Clerk's Office on April 2, 2003 in Liber 4772 of Deeds page 525.

TO HAVE AND TO HOLD the premises herein granted unto the Grantee, the heirs or successors and assigns of the Grantee forever.

This deed is subject to the trust fund provisions of section thirteen of the lien law. The words "Grantor" and "Grantee" shall be construed to read in the plural whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the Grantor has executed this deed the date first above written.

Norman E. Swanson, Member

State of New York)
)
County of Onondaga) ss.:

On the 2nd day of April, in the year 2007, before me, the undersigned, personally appeared **NORMAN E. SWANSON**, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

LYNN H. SMITH
Notary Public, State of New York
Qualified in Onondaga County
No. 02SM9075250
Commission Expires June 30, 2010

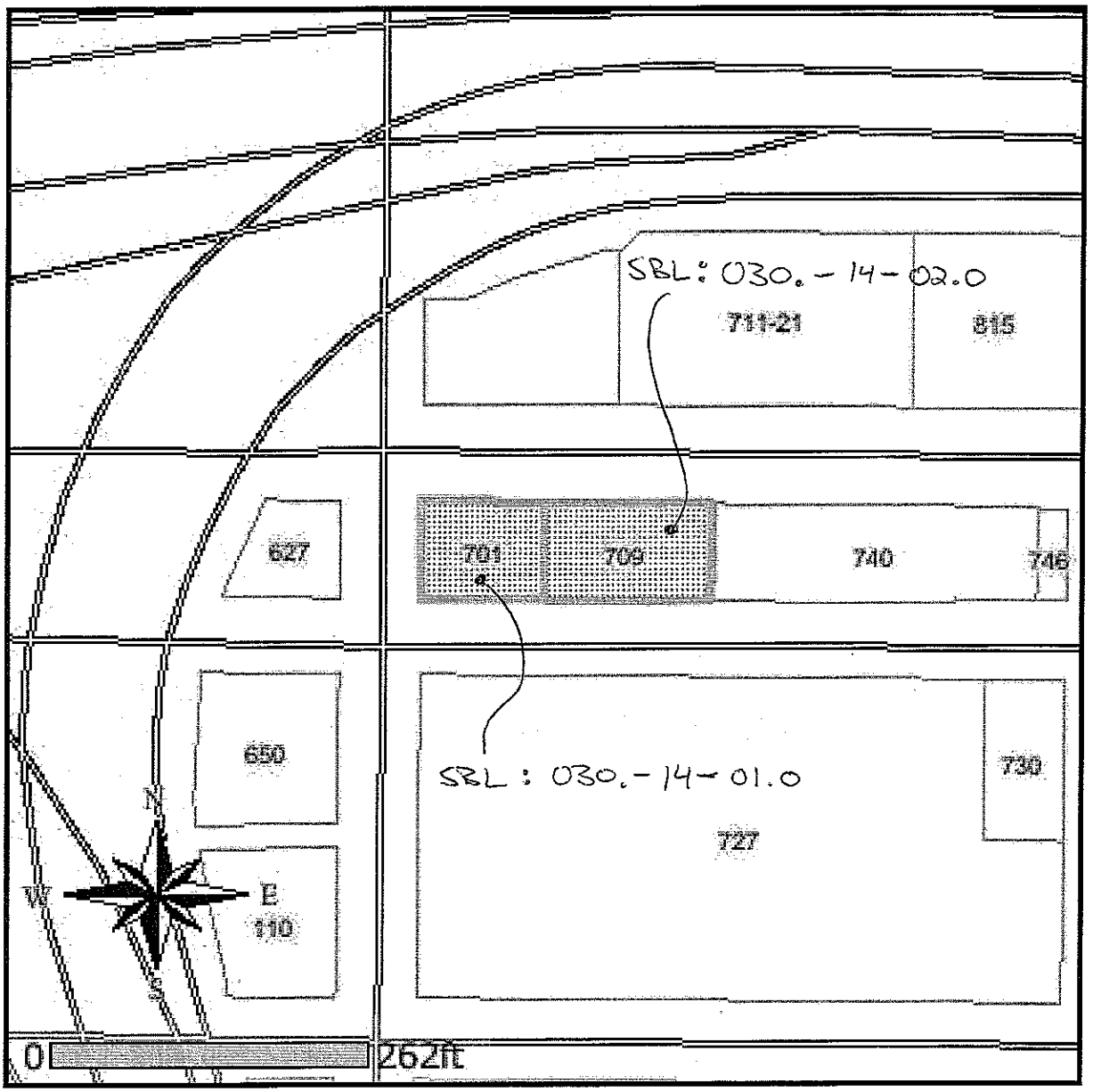
Notary Public

F:\Corp\SWAN01\48758- Transfer 701 Washington to LLC\qcdeed.doc

ATTACHMENT C

Copies of Tax Maps
Obtained Online From Syracuse-Onondaga GIS on the Web

701-709 East Water Street



May 9, 2007

Disclaimer: **This map was compiled using the most current GIS data available. It is deemed accurate, but is not guaranteed.**

Municipalities (1 record found)

Municipality

City of Syracuse

Road Centerlines (No records found)

Tax Parcels (1 record found)

Tax ID	SBL	Property Address	Municipality	Acres	Property Class	Land Use	Owner Name	Owner Address	Owner City/State	Owner ZIP	Legislative Dist	Senate Dist	Assembly Dist	Syracuse CC Dist	Ward	Empowerment Zone	Empire Zone	Agriculture Dist	School Dist
31150003000000140010000000	030.-14-01.0	701 WATER ST E & ALMOND ST &	SYRACUSE	0.18	438	PARKING LOT	SWANSON FAYETTE ASSOCIATE LLC	505 E FAYETTE ST	SYRACUSE NY	13202	16	49	119	4	15	Yes	City	No	SYRACUSE

Waterbodies (No records found)

Municipalities (1 record found)

Municipality
City of Syracuse

Road Centerlines (No records found)

Tax Parcels (1 record found)

Tax ID	SBL	Property Address	Municipality	Acres	Property Class	Land Use	Owner Name	Owner Address	Owner City/State	Owner ZIP	Legislative Dist	Senate Dist	Assembly Dist	Syracuse CC Dist	Ward	Empowerment Zone	Empire Zone	Agriculture Dist	School Dist
31150003000000140020000000	030.-14-02.0	709 WATER ST E TO ERIE BLVD E	SYRACUSE	0.25	438	PARKING LOT	SWANSON FAYETTE ASSOCIATE LLC	505 E FAYETTE ST	SYRACUSE NY	13202	16	49	119	4	15	Yes	City	No	SYRACUSE

Waterbodies (No records found)

ATTACHMENT D

Phase I Environmental Site Assessment
Prepared for the City of Syracuse Industrial Development Agency
by C&H Engineers, P.C. in December 1997

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

700 Outparcel Corporation Properties
Syracuse, New York 13210

(C & H Engineers' Project No. 26043)

December 29, 1997

Prepared for:

City of Syracuse Industrial Development Agency
221 City Hall
233 East Washington Street
Syracuse, New York 13202

Prepared by:

C & H Engineers, P.C.
431 East Fayette Street
Syracuse, New York 13202

TABLE OF CONTENTS

EXECUTIVE SUMMARY

C & H Engineers has conducted a Phase I Environmental Site Assessment (ESA) of the 700 Outparcel Corporation properties located in Syracuse, New York. The Phase I ESA was conducted in accordance with C & H Engineers' Work Order Proposal 96-05, and the American Society for Testing and Materials (ASTM) Standard E1527-97, *Standard Practice for Environmental Site Assessments*. The 700 Outparcel Corporation properties ("subject properties") include the following seven (7) parcels:

	Parcel No.	Street Address
1.	Parcel I	728 East Water Street
2.	Parcel II	650 East Water Street
3.	Parcel III	718 East Washington Street
4.	Parcel IV	701-709 East Water Street
5.	Parcel V	724 East Washington Street
6.	Parcel VI	706-708 East Washington Street
7.	Parcel VII	723 East Fayette Street

Based on the results of the Phase I ESA, C & H Engineers has identified the following potential environmental concerns associated with the subject properties:

1. Miscellaneous debris;
2. Suspect asbestos-containing materials (ACMs);
3. Potential lead-based paints (LBPs);
4. Underground storage tanks (USTs);
5. Buried debris; and
6. Radon.

Details of the Phase I ESA activities are discussed in the following sections. Recommendations related to the potential environmental concerns listed above are presented in Section 4.0.

1.0 INTRODUCTION

1.1 Objectives of the Environmental Site Assessment

In accordance with authorization received on December 15, 1997, C & H Engineers conducted a Phase I ESA of the 700 Outparcel Corporation properties located in Syracuse, New York. The purpose of the Phase I ESA was to identify, to the extent practically feasible, potential environmental concerns associated with the subject properties. Environmental concerns include the presence of hazardous substances under conditions which may present a material risk of harm to public health or the environment, suspect asbestos-containing materials (ACMs), waste disposal areas, aboveground storage tanks (ASTs), underground storage tanks (USTs), reported regulatory concerns, or potential off-site contamination sources.

1.2 Assessment Methodology

The Phase I ESA was conducted in accordance with C & H Engineers' Work Order Proposal 96-05 and the ASTM Standard E1527-97, *Standard Practice for Environmental Site Assessments*. The Phase I ESA included the following:

1. Site reconnaissance;
2. Interviews; and
3. Records review.

C & H Engineers conducted a site reconnaissance of the 700 Outparcel Corporation properties on December 10, 1997. The objective of the site reconnaissance was to document the visible condition of the subject properties and surrounding areas, and to obtain information related to potential environmental concerns at the subject properties. This involved a visual review of the properties and structures located on the properties.

Persons interviewed for the Phase I ESA included David Neff, Esq. of the City of Syracuse Office of the Corporation Counsel, and Mr. James McCarthy of the City of Syracuse Division of Code Enforcement. The objective of the interviews was to obtain information that may lead to the identification of known environmental conditions associated with the subject properties. Information obtained during the interviews was used in conjunction with the site reconnaissance and the records review to help determine the presence of recognized environmental concerns.

Records reviewed for the Phase I ESA included aerial photographs, Sanborn Fire Insurance maps, street directories, Onondaga Historical Association files, U.S.G.S. topographic maps, and each property's Abstract of Title. In addition, information related to documented environmental conditions on or in the immediate vicinity of the subject properties was obtained from a review of regulatory databases maintained by the New York State Department of Environmental Conservation (DEC) and the United States Environmental Protection Agency (EPA). The objective of the records review was to obtain and review historic records related to the subject and surrounding properties in order to develop an understanding of previous site use and ownership.

The results of these activities are summarized in this Phase I ESA Report. Several attachments are provided with the Phase I ESA Report to document and support the findings and conclusions of the assessment activities. These attachments include:

A. Figure 1 - Location Plan;
B. Figure 2 - Property Boundary Sketch;
C. Photographic Record;
D. Sanborn Fire Insurance Maps; and
E. Environmental Data Resources, Inc. Report.

The location of the subject properties in relation to major roads and other points of reference is presented as Figure 1 - Location Plan (Attachment A). A property plan, prepared from a property survey provided by Mr. Neff, is presented as Figure 2 - Property Boundary Sketch (Attachment B), and identifies the approximate location of significant features at each site. Photographs documenting the general condition of the properties and areas of potential environmental concern are presented in the photographic record (Attachment C). The location and direction of photographs taken during the site reconnaissance are shown on Figure 2.

2.0 SITE DESCRIPTION & RECORDS REVIEW

2.1 Property Information

Parcel No.	Street Address	Tax Map No.	Parcel Size	Current Use
Parcel I	728 East Water Street	Lots 2, 9, 10 in Block 231	0.60 acre	Parking
Parcel II	650 East Water Street	Lots 5 & 6 in Block 54	0.32 acre	Parking
Parcel III	718 East Washington Street	Lot 4 & Part of Lot 5 in Block 232	0.18 acre	Vacant
Parcel IV	701-709 East Water Street	Lot 1 in Block 261	0.44 acre	Parking
Parcel V	724 East Washington Street	Lots 2 & 3 in Block 232	0.10 acre	Vacant
Parcel VI	706-708 East Washington Street	Part of Lots 7 & 8 in Block 232	0.07 acre	Parking
Parcel VII	723 East Fayette Street	Part of Lot 9 in Block 232	0.09 acre	Vacant

Site Contact
David Neff, Esq.
City of Syracuse
Office of the Corporation Counsel
300 City Hall
Syracuse, New York 13202
(315) 448-8409

Available Site Utilities
Electric
Natural gas
Public water
Municipal sewer

2.2 Site Reconnaissance

C & H Engineers conducted a site reconnaissance of the 700 Outparcel Corporation properties on December 10, 1997. The purpose of the site reconnaissance was to document the visible condition of each property and to identify evidence of environmental concerns such as suspect ACMs, waste disposal areas, ASTs, USTs, or other materials of potential environmental concern.

Parcel I (728 East Water Street)

Parcel I is located on the northwest corner of the intersection of East Washington Street and Forman Avenue (see photograph 1 and Figure 2). The subject property is "L"-shaped and borders East Water Street to the north, East Washington Street to the south, and Forman Avenue to the east. The property consists of approximately 0.60 acre and supports a steel-framed parking canopy. The remaining portions of the site were covered with broken asphalt pavement and areas of overgrown grass and brush. The site appeared to have been used for parking. Miscellaneous debris was observed at the site which included automobile tires, a pile of crushed stone, wood, glass bottles, plastic containers, and papers. A pile of asphalt roofing shingles was observed to the east of the parking canopy (see photograph 2). The discarded roofing shingles may contain asbestos. In addition, the roofing material on the parking canopy (see photograph 3) may also contain asbestos (see recommendations in Section 4.0).

Parcel II (650 East Water Street)

Parcel II is located on the southwest corner of the intersection of East Water Street and Almond Street and consists of approximately 0.32 acre (see photograph 4 and Figure 2). The property borders East Water Street to the north and Almond Street to the east. The property is covered with broken asphalt pavement and is utilized for parking. Several cars were parked on the property. In addition, miscellaneous debris, including broken wood pallets, was observed on the property.

Parcel III (718 East Washington Street)

Parcel III is located on the south side of East Washington Street, approximately 210 feet west of Forman Avenue, and consists of approximately 0.18 acre (see photograph 5 and Figure 2). No structures were located at the site. The property was covered with broken asphalt pavement and grass. A depression in the asphalt pavement was observed near the center of the property which typically suggests that a building at the site may have been demolished and the demolition debris may have been used as backfill (see recommendations in Section 4.0).

Parcel IV (701-709 East Water Street)

Parcel IV is located on the northeast corner of the intersection of East Water Street and Almond Street and consists of approximately 0.44 acre (see photograph 6 and Figure 2). The property was covered with asphalt pavement. No structures were located at the site. Several U-Haul trucks were parked at the east end of the property. Two (2) holes were observed in the asphalt pavement at the west end of

the property (see photograph 7). These holes may be fill ports associated with abandoned USTs. The potential UST fill ports were not capped or secured, and liquid was observed approximately two-inches from the top of each hole (see recommendations in Section 4.0).

Parcel V (724 East Washington Street)

Parcel V is located on the south side of East Washington Street, approximately 110 feet west of Forman Avenue, and consists of approximately 0.18 acre (see photograph 8 and Figure 2). No structures were located at the site. The property was covered with broken asphalt pavement and sections of overgrown grass. A pile of crushed stone was observed in the southwest corner of the property. A 4-inch diameter vertical pipe, protruding from the ground at the northwest corner of the lot, appeared to be one of a series of parking lot boundary bollards. No environmental concern was indicated by the presence of this pipe.

Parcel VI (706-708 East Washington Street)

Parcel VI is located on the south side of East Washington Street, approximately 49 feet east of Almond Street, and consists of approximately 0.07 acre (see photograph 9 and Figure 2). No structures were located at the site. The property was covered with asphalt pavement and appears to be used as a parking lot. Two (2) advertising billboards are located on the west boundary of the subject property.

Parcel VII (723 East Fayette Street)

Parcel VII is located on the north side of East Fayette Street, approximately 34 feet west of Forman Avenue, and consists of approximately 0.09 acre (see photograph 10 and Figure 2). No structures were located at the site. The property was covered with broken asphalt pavement and sections of overgrown grass. One (1) advertising billboard was located in the southeast corner of the subject property. In addition, two (2) trash dumpsters were located on the south portion of the property and appeared to be associated with an adjacent store/market located adjacent to the subject property on the northwest corner of the intersection of East Fayette Street and Forman Avenue. A depression in the asphalt pavement was observed near the center of the property which typically suggests that a building at the site may have been demolished and the demolition debris may have been used as backfill (see recommendations in Section 4.0).

2.3 Review of Historic Records

2.3.1 Abstracts of Title

C & H Engineers reviewed a copy of the Abstract of Title for each parcel. The Abstracts of Title were provided by David Neff, Esq., of the City of Syracuse Office of the Corporation Counsel. The purpose of the review of the Abstracts of Title was to identify previous property owners, lessees, and occupants to determine whether the properties may have been exposed to materials or activities of environmental concern. Historic ownership/occupancy of each property is summarized below.

Parcel I (728 East Water Street)

Owner/Occupant	Description	From	To
The Markert Manufacturing Co.	Lot No. 2 in Block 231	Unknown	07/06/1945
L.C. Smith & Corona Typewriters, Inc.	Lot No. 2 in Block 231	07/06/1945	09/12/1961
Frank, Mary, Joseph, Rose Sferrazza	West half of Lot No. 9 in Block 231	Unknown	02/19/1945
Elijah Jones	West half of Lot No. 9 in Block 231	02/19/1945	12/10/1951
L.C. Smith & Corona Typewriters, Inc.	West half of Lot No. 9 in Block 231	12/10/1951	09/12/1961
Jacob Bennett	East half of Lot No. 9 in Block 231	Unknown	02/02/1948
Bernard Bennett	East half of Lot No. 9 in Block 231	02/02/1948	07/23/1951
L.C. Smith & Corona Typewriters, Inc.	East half of Lot No. 9 in Block 231	07/23/1951	09/12/1961
Frank Kyser	Lot No. 10 in Block 231	Unknown	07/02/1945
L.C. Smith & Corona Typewriters, Inc.	Lot No. 10 in Block 231	07/02/1945	09/12/1961
Smith-Corona Marchant, Inc.	Lot Nos. 2, 9, and 10 in Block 231	12/10/1951	09/12/1961
Anthony Bersani	Lot Nos. 2, 9, and 10 in Block 231	09/12/1961	11/01/1961
Midtown Plaza Realty Associates	Lot Nos. 2, 9, and 10 in Block 231	11/01/1961	09/27/1962
Midtown Plaza Office Building Associates	Lot Nos. 2, 9, and 10 in Block 231	09/27/1962	12/11/1962
New York Central Railroad Co. (Lessee)	Lot Nos. 2, 9, and 10 in Block 231	04/19/1962	Unknown
Mayfair Leasing Corporation (Lessee)	Lot Nos. 2, 9, and 10 in Block 231	10/09/1962	Unknown
NYS Teachers' Retirement System	Lot Nos. 2, 9, and 10 in Block 231	12/11/1962	12/31/1975
County of Onondaga (Lessee)	Lot Nos. 2, 9, and 10 in Block 231	12/31/1962	Unknown
Alpha Collateral, Ltd.	Lot Nos. 2, 9, and 10 in Block 231	12/31/1975	02/09/1979
NYS Teachers' Retirement System	Lot Nos. 2, 9, and 10 in Block 231	02/09/1979	06/17/1981
Tygate Towers, Inc.	Lot Nos. 2, 9, and 10 in Block 231	06/17/1981	04/12/1983
Charles Square, Ltd.	Lot Nos. 2, 9, and 10 in Block 231	04/12/1983	08/04/1989
700 Outparcel Corp.	Lot Nos. 2, 9, and 10 in Block 231	08/04/1989	Present

Parcel II (650 East Water Street)

Owner/Occupant	Description	From	To
The Markert Manufacturing Co.	Lot Nos. 2, 3, 4, 5 and 6 in Block 54	Unknown	03/15/1948
Paxburrson Realty Corp.	Lot Nos. 2, 3, 4, 5 and 6 in Block 54	03/15/1948	03/29/1954
Smith-Corona, Inc.	Lot Nos. 2, 3, 4, 5 and 6 in Block 54	03/29/1954	09/12/1961
Anthony Bersani	Lot Nos. 2, 3, 4, 5 and 6 in Block 54	09/12/1961	11/01/1961
Midtown Plaza Realty Associates	Lot Nos. 2, 3, 4, 5 and 6 in Block 54	11/01/1961	09/27/1962
Mayfair Leasing Corporation (Lessee)	Lot Nos. 2, 3, 4, 5 and 6 in Block 54	11/01/1961	Unknown
Midtown Plaza Office Building Associates	Lot Nos. 2, 3, 4, 5 and 6 in Block 54	09/27/1962	12/11/1962
NYS Teachers' Retirement System	Lot Nos. 2, 3, 4, 5 and 6 in Block 54	12/11/1962	12/31/1975
New York State (Appropriation for Rt. 81)	West portion of Lot No. 5 in Block 54	01/19/1965	Present
Alpha Collateral, Ltd.	Lot Nos. 5 and 6 in Block 54	12/31/1975	02/09/1979
NYS Teachers' Retirement System	Lot Nos. 5 and 6 in Block 54	02/09/1975	06/17/1981
Tygate Towers, Inc.	Lot Nos. 5 and 6 in Block 54	06/17/1981	04/12/1983
Charles Square, Ltd.	Lot Nos. 5 and 6 in Block 54	04/12/1983	08/04/1989
700 Outparcel Corp.	Lot Nos. 5 and 6 in Block 54	08/04/1989	Present

Parcel III (718 East Washington Street)

Owner/Occupant	Description	From	To
Lavinia Steward	Lot No. 4 & Part of Lot No. 5 in Block 232	Unknown	07/28/1939
Ruth Smith	Lot No. 4 & Part of Lot No. 5 in Block 232	07/28/1939	03/20/1963
Ten Eyck Douglas	Lot No. 4 & Part of Lot No. 5 in Block 232	03/20/1963	06/18/1963
Anthony Bersani	Lot No. 4 & Part of Lot No. 5 in Block 232	06/18/1963	09/26/1963
Midtown Plaza Office Building Associates	Lot No. 4 & Part of Lot No. 5 in Block 232	09/26/1963	10/01/1963
NYS Teachers' Retirement System	Lot No. 4 & Part of Lot No. 5 in Block 232	10/01/1963	12/31/1975
Alpha Collateral, Ltd.	Lot No. 4 & Part of Lot No. 5 in Block 232	12/31/1975	02/09/1979
NYS Teachers' Retirement System	Lot No. 4 & Part of Lot No. 5 in Block 232	02/09/1975	06/17/1981
Tygate Towers, Inc.	Lot No. 4 & Part of Lot No. 5 in Block 232	06/17/1981	04/12/1983
Charles Square, Ltd.	Lot No. 4 & Part of Lot No. 5 in Block 232	04/12/1983	08/04/1989
700 Outparcel Corp.	Lot No. 4 & Part of Lot No. 5 in Block 232	08/04/1989	Present

Parcel IV (701-709 East Water Street)

Owner/Occupant	Description	From	To
The Markert Manufacturing Co.	Westerly ±236 feet of Lot No. 1 in Block 261	Unknown	12/30/1948
Robert, Herbert & Zetta Markert	Westerly ±236 feet of Lot No. 1 in Block 261	12/30/1948	11/29/1962
Shell Oil Company, Inc. (Lessee)[1]	Westerly 76' x 100' of Lot No. 1 in Block 261	06/01/1949	05/31/1964
Marine Midland Trust Company	Westerly ±236 feet of Lot No. 1 in Block 261	11/29/1962	02/09/1968
701 East Washington Realty Corp.	Westerly ±236 feet of Lot No. 1 in Block 261	02/09/1968	02/10/1968
NYS Teachers' Retirement System	Westerly ±236 feet of Lot No. 1 in Block 261	02/10/1968	12/31/1975
Alpha Collateral, Ltd.	Westerly ±236 feet of Lot No. 1 in Block 261	12/31/1975	02/09/1979
NYS Teachers' Retirement System	Westerly ±236 feet of Lot No. 1 in Block 261	02/09/1975	06/17/1981
Tygate Towers, Inc.	Westerly ±236 feet of Lot No. 1 in Block 261	06/17/1981	04/12/1983
Charles Square, Ltd.	Westerly ±236 feet of Lot No. 1 in Block 261	04/12/1983	08/04/1989
700 Outparcel Corp.	Westerly ±236 feet of Lot No. 1 in Block 261	08/04/1989	Present

Parcel V (724 East Washington Street)

Owner/Occupant	Description	From	To
Wolfgang & Ida Bauer	Part of Lot Nos. 2 and 3 in Block 232	Unknown	04/04/1929
Rose Hopkins	Part of Lot Nos. 2 and 3 in Block 232	04/04/1929	04/29/1952
City of Syracuse (Tax Deed)	Part of Lot Nos. 2 and 3 in Block 232	04/29/1952	12/15/1961
Joseph Cashier & Company, Inc.	Part of Lot Nos. 2 and 3 in Block 232	12/15/1961	01/25/1965
Alfred Patouillet	Part of Lot Nos. 2 and 3 in Block 232	01/25/1965	05/29/1968
701 East Washington Realty Corp.	Part of Lot Nos. 2 and 3 in Block 232	05/29/1968	06/14/1968
NYS Teachers' Retirement System	Part of Lot Nos. 2 and 3 in Block 232	06/14/1968	12/31/1975
Alpha Collateral, Ltd.	Part of Lot Nos. 2 and 3 in Block 232	12/31/1975	02/09/1979
NYS Teachers' Retirement System	Part of Lot Nos. 2 and 3 in Block 232	02/09/1975	06/17/1981
Tygate Towers, Inc.	Part of Lot Nos. 2 and 3 in Block 232	06/17/1981	04/12/1983
Charles Square, Ltd.	Part of Lot Nos. 2 and 3 in Block 232	04/12/1983	08/04/1989
700 Outparcel Corp.	Part of Lot Nos. 2 and 3 in Block 232	08/04/1989	Present

[1] This entry in the Abstract of Title, describing the terms and conditions of said Lease, refers to "...gasoline filling and automobile service station equipment and apparatus..." including "4-1,000 gallon and 1-550 gallon underground storage tanks" on the property.

Parcel VI (706-708 East Washington Street)

Owner/Occupant	Description	From	To
Lewis & Ann Maria Redfield	Part of Lot Nos. 7 and 8 in Block 232	Unknown	06/25/1861
Emily Carter	Part of Lot Nos. 7 and 8 in Block 232	06/25/1861	08/29/1862
Joseph Lerret	Part of Lot Nos. 7 and 8 in Block 232	08/29/1862	03/27/1876
Seraph Lerret	Part of Lot Nos. 7 and 8 in Block 232	03/27/1876	01/19/1901
Alexander Henry	Part of Lot Nos. 7 and 8 in Block 232	01/19/1901	08/01/1927
Florence Black	Part of Lot Nos. 7 and 8 in Block 232	08/01/1927	03/30/1957
Smith-Corona, Inc.	Part of Lot Nos. 7 and 8 in Block 232	03/30/1957	11/21/1961
Anthony Bersani	Part of Lot Nos. 7 and 8 in Block 232	11/21/1961	09/13/1963
Alfred Patouillet	Part of Lot Nos. 7 and 8 in Block 232	09/13/1963	05/29/1968
701 East Washington Realty Corp.	Part of Lot Nos. 7 and 8 in Block 232	05/29/1968	06/14/1968
NYS Teachers' Retirement System	Part of Lot Nos. 7 and 8 in Block 232	06/14/1968	12/31/1975
Alpha Collateral, Ltd.	Part of Lot Nos. 7 and 8 in Block 232	12/31/1975	02/09/1979
NYS Teachers' Retirement System	Part of Lot Nos. 8 and 8 in Block 232	02/09/1979	06/17/1981
Tygate Towers, Inc.	Part of Lot Nos. 7 and 8 in Block 232	06/17/1981	04/12/1983
Charles Square, Ltd.	Part of Lot Nos. 7 and 8 in Block 232	04/12/1983	08/04/1989
700 Outparcel Corp.	Part of Lot Nos. 7 and 8 in Block 232	08/04/1989	Present

Parcel VII (723 East Fayette Street)

Owner/Occupant	Description	From	To
T. Aaron Levy	Part of Lot No. 9 in Block 232	Unknown	10/25/1912
Morris & Ida Greenberg	Part of Lot No. 9 in Block 232	10/25/1912	04/16/1935
Onondaga County Savings Bank	Part of Lot No. 9 in Block 232	04/16/1935	01/03/1945
Gertrude Ellison	Part of Lot No. 9 in Block 232	01/03/1945	12/17/1954
Aaron Stewart & Dorothy Williams	Part of Lot No. 9 in Block 232	12/17/1954	11/15/1961
Anthony Bersani	Part of Lot No. 9 in Block 232	11/15/1961	09/13/1963
Alfred Patouillet	Part of Lot No. 9 in Block 232	09/13/1963	05/29/1968
701 East Washington Realty Corp.	Part of Lot No. 9 in Block 232	05/29/1968	06/14/1968
NYS Teachers' Retirement System	Part of Lot No. 9 in Block 232	06/14/1968	12/31/1975
Alpha Collateral, Ltd.	Part of Lot No. 9 in Block 232	12/31/1975	02/09/1979
NYS Teachers' Retirement System	Part of Lot No. 9 in Block 232	02/09/1979	06/17/1981
Tygate Towers, Inc.	Part of Lot No. 9 in Block 232	06/17/1981	04/12/1983
Charles Square, Ltd.	Part of Lot No. 9 in Block 232	04/12/1983	08/04/1989
700 Outparcel Corp.	Part of Lot No. 9 in Block 232	08/04/1989	Present

Based on C & H Engineers' review of the Abstracts of Title for the subject properties, one area of potential environmental concern related to Parcel IV (701-709 East Water Street) was identified. The Abstracts of Title indicated that a portion of Parcel IV was leased to Shell Oil Company from 1949 to 1964. As referenced above, the terms and conditions of the lease referred to "...gasoline filling and automobile service station equipment and apparatus..." including "4-1,000 gallon and 1-550 gallon underground storage tanks" on a portion of Parcel IV.

2.3.2 Sanborn Fire Insurance Maps

C & H Engineers reviewed Sanborn Fire Insurance maps for each parcel and surrounding areas (see Attachment D). The purpose of this review is to provide further indication of the occupancy of the subject properties and adjoining properties including information related to utilities, building construction, USTs, and other issues or concerns of the fire insurance industry. The information below

summarizes the condition of the properties and buildings occupying each site during the years covered by the Sanborn Fire Insurance maps reviewed by C & H Engineers. The maps reviewed included those for the years 1892, 1910, 1951, 1953, 1961, 1968, 1971, and 1990. Areas of potential environmental concern are identified in bold print.

Parcel I (728 East Water Street)

1892-1910	Several residential buildings, stables, and lumber sheds.
1951	Two (2) houses and one (1) storage shed.
1953-1990	Parking canopy at the site

Parcel II (650 East Water Street)

1892-1910	**Three-story structure occupied by Thomas Merriam; Two (2) coal-fired boilers; Box, Sash, Door, Blind, Furniture Factory and Planing Mill.**
1951-1961	No structures at the site; Service station to north.
1968-1990	No structures at the site; Midtown Plaza to east.

Parcel III (718 East Washington Street)

1892-1910	Two-story residential dwelling and stable
1951-1961	Two-story residential dwelling and detached garage
1968-1990	No structures at the site.

Parcel IV (701-709 East Water Street)

1892	Kenyon's Lumber Yard - Carpenter shop, warehouse, lumber sheds.
1910	Markert Manufacturing Company - Lumber Yard, glazing shop, lumber piles. L.C. Smith & Brother's Typewriter Company to the south; Coal yard to the west.
1951-1953	**Gasoline/filling station and four (4) gasoline tanks at west end of site.** **L.C. Smith & Corona Typewriters, Inc. to the south.** **Erie Boulevard East to the north.** **Gasoline/service station to the west.**
1961	**Gasoline/filling station and four (4) gasoline tanks at west end of site.** **One-story structure at the site east of the gasoline/filling station.** **L.C. Smith & Corona Typewriters, Inc. to the south.** **Erie Boulevard East to the north.** **Gasoline/service station to the west.**
1968-1990	No structures at the site.

Parcel V (724 East Washington Street)

1892-1910	Residence at the site; Surrounding areas were residential.
1951-1990	No structures at the site.

Parcel VI (706-708 East Washington Street)

1892-1953 Two (2) residential dwellings at the site; Surrounding areas were residential.
1961-1990 No structures at the site.

Parcel VII (723 East Fayette Street)

1892-1910 One (1) residential dwelling at the site; Surrounding areas were residential.
1951-1961 One (1) store and a detached garage at the site; Surrounding areas were residential.
1968-1990 No structures at the site.

Based on C & H Engineers' review of the Sanborn Fire Insurance maps for each of the parcels, potential environmental concerns were identified at Parcel II and Parcel IV, and no materials of environmental concern were identified at the remaining properties. Parcel II (650 East Water Street) was occupied by a manufacturing company which may have exposed the property to materials of environmental concern. Parcel IV (701-709 East Water Street) was identified as a gasoline filling station from 1951 to 1961 and included four (4) gasoline tanks at the site.

2.3.3 Street Directories

C & H Engineers reviewed the City of Syracuse Street Directories available at the Onondaga County Public Library for all of the subject properties. The purpose of this review is to assess whether the name of known occupants suggests that the properties may have been exposed to activities or conditions of environmental concern. The listings for each property with the corresponding years are summarized below. Areas of potential environmental concern are identified in bold print.

Parcel I (728 East Water Street)

1940-1995 No Listings

Parcel II (650 East Water Street)[1]

1940-1941 Markert Manufacturing Company ("The Wood Workers")
1942-1995 No Listings

Parcel III (718 East Washington Street)

1940 Lavinia Steward
1945-1963 Ruth Smith
1964 Theo Stewart
1965-1995 No Listings

[1] Parcel II (650 East Water Street) was listed in the City Directory as 624-630 East Water Street.

Parcel IV (701-709 East Water Street)[1]

1940-1942	**Kenneth Murdock Gas Station**
1943-1944	**Warren Everson Gas Station**
1945	**Chas. Jones Gas Station**
1946	**Anton Zarachowicz Gas Station**
1947	**Anton Zarachowicz Gas Station and Daniel Morris Used Cars**
1948-1949	**Anton Zarachowicz Gas Station and Fix Fred Used Cars**
1950-1952	**Anton Zarachowicz Gas Station and Reynolds Motors, Inc.**
1953-1960	**A.F. Zarach & Sons Gas Station and Reynolds Motors, Inc.**
1961	**George's Shell Gas Station**
1962-1963	**George C. Macks, Inc. Gas Station and B&S Used Cars**
1964	**Ed and Bob's Shell Service Gas Station**
1965-1969	Vacant
1970-1995	No Listings

Parcel V (724 East Washington Street)

1940 - 1995	No Listings

Parcel VI (706-708 East Washington Street)

1940-1944	706 - Vacant
	708 (1) - John Varney
	708 (2) - Vacant
1945-1949	706 - Vacant
	708 (1) - William Harcourt
	708 (2) - Vacant
1950-1959	706 - Harry Williams
	708 (1) - Mabel Harcourt
	708 (2) - Vacant
1960-1995	No Listings

Parcel VII (723 East Fayette Street)

1940-1961	Multi-Family Residence
1962-1995	No Listings

C & H Engineers' review of the City of Syracuse Street Directories for the subject properties supplemented indications of potential environmental concerns related to Parcel II (former manufacturing facility) and Parcel IV (gasoline station and used car lot from 1940 to 1964).

[1] Parcel IV (701-709 East Water Street) was listed in the City Directory as 700-702 Erie Boulevard East.

2.3.4 Aerial Photographs

C & H Engineers reviewed aerial photographs of the area where the subject properties are located for the years 1938, 1951, 1964, 1972, 1981, 1990, and 1991 to determine whether conditions were present at the subject properties that would indicate or suggest a potential environmental concern. The scale sizes of the aerial photographs were sufficient to observe the general location of large structures on the property, but were insufficient to observe small or limited conditions.

In general, the area surrounding the subject properties appeared to be the same in each aerial photograph with the exception of Interstate Route 81 which first appeared to the west of the subject properties in the 1972 aerial photograph. The aerial photographs indicated that the areas surrounding the subject properties appeared to be a combination of commercial and residential properties. Our review of the aerial photographs are summarized below.

Parcel I (728 East Water Street)

1938	No structures at the site; Automobiles parked on the property.
1951-1991	One (1) structure at the site; Automobiles parked on the property.

Parcel II (650 East Water Street)

1938	One (1) building at the site.
1951-1991	No structures at the site; Automobiles parked on the property.

Parcel III (718 East Washington Street)

1938-1991	No structures at the site; Automobiles parked on the property.

Parcel IV (701-709 East Water Street or 700-702 Erie Boulevard East)

1938-1964	One (1) building on the west side of the site; Several vehicles can be seen parked around the building to the north, south, and east.
1972-1991	No structures at the site; Automobiles parked on the property.

Parcel V (724 East Washington Street)

1938-1991	No structures at the site; Automobiles parked on the property.

Parcel VI (706-708 East Washington Street)

1938-1951	Site obscured by trees and other foliage; A building appeared to exist at the site.
1964-1991	No structures at the site; Automobiles parked on the property.

Parcel VII (723 East Fayette Street)

1938-1951 Site obscured by trees and other foliage.
1964-1991 No structures at the site.

Based on C & H Engineers' review of the aerial photographs, there were no obvious indications of waste disposal areas, ASTs, or other materials or structures which may have exposed the subject properties to materials of environmental concern.

2.3.5 Summary of Historic Records Review

Based on the review of historic records for the subject properties, C & H Engineers identified an area of potential environmental concern associated with Parcel II (650 East Water Street) which was occupied by a manufacturing facility from the 1890s to the 1940s. The Sanborn Fire Insurance maps indicated that the building at the site was heated by two (2) coal fired-boilers from 1892 to 1910. Thereafter, it is possible that the boilers were retrofitted to burn fuel oil between 1910 and 1942. As a result, fuel oil storage tanks may have existed at the site (see recommendations in Section 4.0).

C & H Engineers also identified an area of potential environmental concern associated with Parcel IV (701-709 East Water Street) which was occupied by a gasoline filling station from 1940 to 1964. The Abstract of Title specifically indicated that four (4) 1,000-gallon USTs and one (1) 550-gallon UST existed at the site. The Sanborn Fire Insurance maps identified four (4) 1,000-gallon USTs at the west end of the subject property to the west of the gasoline filling station building. None of the Sanborn Fire Insurance maps, however, indicated the presence of a 550-gallon UST. It is possible that the 550-gallon UST may have been a waste oil storage tank or a heating oil storage tank. Potential environmental concerns associated with the operation of a gasoline station include, but are not limited to, gasoline and other petroleum spills, leaking USTs and other petroleum bulk storage (PBS) tanks, subsurface soil contamination, and groundwater contamination (see recommendations in Section 4.0).

2.4 Review of Environmental Records

C & H Engineers reviewed environmental databases maintained by various federal, state, and local regulatory agencies to determine if documented environmental conditions exist for the subject properties or surrounding properties, or if regulatory enforcement actions have been brought against current or previous owners of the properties. This information was compiled in a report prepared specifically for the subject properties by Environmental Data Resources, Inc. (EDR). Table 2.4-1 provides a summary of the sites identified within the search radius specified by ASTM Standard E1527-97 for each of the specified databases.

Table 2.4-1

Database[1]	Search Radius (miles)	Sites Within Search Radius
NPL	1.0	0
RCRIS TSD	1.0	0
CORRACTS	1.0	3
State Hazardous Waste Sites	1.0	0
CERCLIS	0.5	0
State Landfills	0.5	0
LUST	0.5	25
RCRIS SQG	Subject Site & Adjacent Properties	4
RCRIS LQG	Subject Site & Adjacent Properties	6
PBS-UST	Subject Site & Adjacent Properties	3
CBS-UST	Subject Site & Adjacent Properties	1
NY Spills	Subject Site	0
ERNS	Subject Site	0

None of the subject properties were listed in the databases searched by EDR. The EDR report identified three (3) CORRACTS sites within one mile of the subject properties. CORRACTS sites are sites where EPA required corrective actions related to hazardous waste activities have been undertaken. The three (3) CORRACTS sites reported in the search radius are associated with the Niagara Mohawk Power Corporation which has its corporate headquarters approximately one-half mile to the west of the site. None of the CORRACTS sites are located at the corporate headquarters, and no impact to the subject property would be anticipated from these sites.

The EDR report identified 25 Leaking Underground Storage Tanks (LUST) sites within one-half mile of the subject properties. Of the 25 LUST sites, 22 sites have been remediated in accordance with applicable standards, and the file for each of these sites has been closed by the DEC indicating no continuing environmental concerns. The three (3) remaining LUST sites, for which the files are open and for which compliance with the applicable standards has not been achieved, include Presidential Plaza located on East Genesee Street, Pat's Auto located on South Crouse Avenue at East Fayette Street, and the Centro Parking Center located at University Hospital between Adams Street and Harrison Street. Based on the distance between these three (3) LUST sites and the subject properties, no impact to the subject properties is anticipated.

The EDR report identified three (3) UST sites and one (1) Chemical Bulk Storage (CBS) tank site within one-quarter mile of the subject properties. Of these four (4) sites, two (2) of the UST sites and the one (1) CBS tank site are in active use, and one (1) UST site is inactive. No reports of environmental concerns associated with any of the tanks were identified in the EDR report.

[1] The database abbreviations are defined in the EDR Report (see Attachment E).

The EDR report identified 10 hazardous waste generators within one-eighth mile of the subject properties. These sites were listed because they generate hazardous wastes in various quantities for off-site disposal. No violations of regulations associated with hazardous waste generation or disposal were identified for any of the sites in the EDR report. As a result, these 10 hazardous waste generators do not represent a significant environmental concern to the subject properties.

Due to the distance between the sites of concern listed in the EDR report and the subject properties, and the remedial activities which have been conducted under review of regulatory agencies at the listed sites, no significant environmental impact to the subject properties is anticipated.

C & H Engineers submitted a Freedom of Information Law (FOIL) request to the Onondaga County Health Department (OCHD), the DEC, the City of Syracuse Division of Code Enforcement, and the City of Syracuse Fire Prevention Bureau requesting information pertaining to USTs, PBS tanks, water quality, and landfill sites in the vicinity of the subject properties. Mr. James McCarthy of the City of Syracuse Division of Code Enforcement indicated that there were no current violations or active cases on record for the subject properties. Lisa Letteney, P.E., Environmental Risk Assessment Director with the OCHD, indicated that there was no information on file regarding landfill sites or environmental concerns within a ½-mile radius of the subject properties. In addition, Ms. Letteney indicated that the subject properties were served by public water. As of the date of this report, no response was received from the DEC or the City of Syracuse Fire Prevention Bureau. Should relevant information be received from the DEC or the City of Syracuse Fire Prevention Bureau, an addendum to this report will be transmitted by C & H Engineers.

2.5 Surrounding Property Use

The subject properties are generally bordered by commercial properties and vacant properties which are currently used as parking lots. The general area surrounding the subject properties is characterized by commercial and light industrial properties. The Midtown Plaza building, which is centrally-located between the subject properties, is currently under a DEC Brownfields site investigation. The nature and extent of contamination at the Midtown Plaza building is currently unknown. It is C & H Engineers' understanding, however, that the Brownfields site investigation, when completed, will identify whether contamination exists at the Midtown Plaza building as well as the potential for off-site contamination which may impact surrounding properties.

3.0 SUMMARY OF FINDINGS

3.1 Polychlorinated Biphenyls

C & H Engineers observed no materials or equipment at the subject properties that are likely to contain polychlorinated biphenyls (PCBs). C & H Engineers' review of environmental regulatory agency databases identified no reported leaks or spills of PCBs, pending enforcement actions, consent orders, or permit violations related to PCBs at the subject properties.

3.2 Asbestos-Containing Materials

During the site reconnaissance, C & H Engineers observed two (2) types of suspect asbestos ACM at Parcel I which included a pile of discarded asphalt roofing shingles and damaged roofing material covering the existing parking canopy. These suspect ACMs are damaged and accessible to the public (see recommendations in Section 4.0). In addition, C & H Engineers' review of historical records indicated that residential and/or commercial buildings were once located at each property, and depressions were observed at Parcels III and VII which suggest that building demolition debris may have been used as backfill at some or all of the subject properties. Such building demolition debris may have included ACMs such as plaster, thermal system insulation, flooring material, and roofing material (see recommendations in Section 4.0). C & H Engineers' review of environmental regulatory agency databases identified no pending enforcement actions, consent orders, or permit violations related to ACMs at the subject properties.

3.3 Lead-Based Paints

In 1978, due to health concerns associated with LBPs, the Consumer Products Safety Commission banned the use of paint containing more than 0.06 percent lead (by weight) for interior and exterior residential surfaces. This ban, however, did not apply to paints used in commercial or industrial facilities. During the site reconnaissance, C & H Engineers observed potential LBP on the south exterior wall of the parking canopy at Parcel I. The potential LBP observed on the south exterior wall of the parking canopy at Parcel I appeared to be in good condition and does not currently present a significant environmental concern. However, lead-containing dust caused by deteriorating LBP or generated during renovation and other construction activities, is a health concern and is governed by the Occupational Safety & Health Administration (OSHA). In addition, lead-containing wastes, in its various forms, are subject to state and federal hazardous waste handling and disposal regulations.

Historical records indicated that residential and/or commercial buildings were once located at each property, and depressions were observed at Parcels III and VII which suggest that building demolition debris may have been used as backfill at some of the subject properties. Such building demolition debris may have included LBPs (see recommendations in Section 4.0). C & H Engineers' review of environmental regulatory agency databases identified no pending enforcement actions, consent orders, or permit violations related to LBPs or lead-containing materials at the subject properties.

3.4 Storage Tanks & Drum Storage Areas

During the site reconnaissance, C & H Engineers observed two (2) holes in the asphalt surface at Parcel IV which appeared to be UST fill ports. In addition, the Abstract of Title and the Sanborn Fire Insurance Maps identified four (4) 1,000-gallon and one (1) 550-gallon UST at the site. C & H Engineers' review of the DEC PBS and CBS registries identified no records of tanks registered with the DEC for Parcel IV (see recommendations in Section 4.0). C & H Engineers' review of environmental regulatory agency databases identified no pending enforcement actions, consent orders, or permit violations related to PBS or CBS tanks at the subject properties.

3.5 Waste Sources

3.5.1 Wastewater

None of the subject properties currently supports a building or structure that would generate wastewater. C & H Engineers' review of environmental regulatory agency databases and discussions with a local code enforcement official identified no pending enforcement actions, consent orders, or permit violations related to wastewater generated at, or discharged from, the subject properties.

3.5.2 Solid & Hazardous Wastes

None of the subject properties currently generate solid or hazardous waste that would require a permit under the current regulations. As described in Section 2.2 of this report, C & H Engineers observed two (2) trash dumpsters at the south end of Parcel VII. Because the parcel is vacant, it is likely that the trash dumpsters are associated with the adjacent building located on the northwest corner of East Fayette Street and Forman Avenue (see recommendations in Section 4.0). C & H Engineers' review of environmental regulatory agency databases identified no pending enforcement actions, consent orders, or permit violations related to solid and/or hazardous wastes at the subject properties.

3.5.3 Air Emissions

None of the subject properties currently generate air emissions that require a permit under the current regulations. C & H Engineers' review of environmental regulatory agency databases identified no pending enforcement actions, consent orders, or permit violations related to air emissions sources at the subject properties.

3.6 Hazardous Materials/Petroleum Products

As previously mentioned, C & H Engineers observed two (2) holes in the asphalt pavement at the west end of Parcel IV. These holes may be fill ports associated with abandoned USTs. The potential UST fill ports were not capped or secured, and liquid was observed approximately two-inches from the top of each hole. As a result, it is likely that abandoned USTs and subsurface petroleum contamination may exist at Parcel IV (see recommendations in Section 4.0). C & H Engineers' review of environmental regulatory agency databases identified no pending enforcement actions, consent orders, or permit violations related to hazardous materials or petroleum products at the subject properties.

3.7 Radon

C & H Engineers' review of a New York State Department of Health (NYSDOH) radon testing report, dated August 1996, indicated that the average radon level for 165 homes tested in the vicinity of the subject properties was 5.8 picocuries per liter (pCi/L). This level is above the EPA recommended corrective action level of 4.0 pCi/L for residential homes. In addition, the National Radon Database developed by the EPA for the years 1986 through 1992, indicated that the average radon level found in 476 basement samples collected in Onondaga County was less than 3.0 pCi/L. Based on the available

NYSDOH and EPA radon information, radon levels at the subject properties may exceed the EPA action level of 4.0 pCi/L for residential properties. Elevated radon levels do not present a significant environmental concern unless commercial or residential buildings will be constructed at any of the subject properties (see recommendations in Section 4.0).

4.0 RECOMMENDATIONS

C & H Engineers has completed a Phase I ESA of the 700 Outparcel Corporation properties located in Syracuse, New York. We believe that the Phase I ESA activities conducted by C & H Engineers are in accordance with generally accepted practice and represent a reasonable search of available historic information. Based on the results of the Phase I ESA, we offer the following recommendations:

1. **Miscellaneous Debris** - Piles of crushed stone, automobile tires, wood pallets, brush, glass bottles, plastic containers, and other miscellaneous, non-hazardous debris were observed at each of the properties. In addition, two (2) trash dumpsters, which appear to be associated with the adjacent property located on the northwest corner of East Fayette Street and Forman Avenue, were observed at the south end of Parcel VII. Although no materials of significant environmental concern were noted, the miscellaneous debris and waste materials should be collected and removed from the subject properties to discourage additional disposal of waste materials on the properties. Unabated disposal of additional waste materials at the subject properties (i.e., insecticides/pesticides, paint cans, car batteries, gasoline tanks, waste oil, automotive fluids, etc.) may require special handling, transport, and disposal if such waste materials are classified as regulated solid wastes or hazardous wastes. Installation of fencing and posting of signs may be an effective deterrent for consideration if there are no immediate plans for redevelopment of the subject properties.

2. **Suspect Asbestos-Containing Materials** - Suspect ACMs were observed at Parcel I which included discarded asphalt roofing shingles and existing roofing material installed on the parking canopy. As a result, it is recommended that samples of these materials be collected and analyzed for asbestos in accordance with the applicable regulations. Materials which are found to contain more than one percent (1%) asbestos by weight are considered to be ACM. If the discarded asphalt roofing shingles at Parcel I are found to be ACM, they should be removed from the site by a licensed asbestos abatement contractor and disposed of in accordance with the applicable regulations. If the existing roofing material on the parking canopy at Parcel I is found to be ACM, then the roofing material should be removed by a licensed asbestos abatement contractor and disposed of in accordance with the applicable regulations prior to replacement or repair of the roof, or prior to demolition of the structure.

3. **Potential Lead-Based Paints** - Potential LBP was observed on the south exterior wall of the parking canopy located at Parcel I. Based on the age of the parking canopy (±45 years old), the presence of LBP on the south exterior wall is suspected. Human exposure to lead and lead dust by inhalation or ingestion has been found to cause digestive problems, disorders of the liver and kidneys, anemia, and damage to the central nervous system and reproductive system. If demolition or renovation activities will include disturbance of the paint on the south exterior wall of the parking canopy, samples of the paint should be collected and analyzed for lead. If the paint is found to be LBP, specific engineering controls and work practices should be implemented by qualified contractors in accordance with the applicable regulations to protect workers and the public from exposure to lead dust. In addition, lead-containing dust and paint chips generated during demolition or renovation activities should be disposed of in accordance with applicable regulations.

4. **Potential Underground Storage Tanks** - Two (2) holes observed in the asphalt surface at the west end of Parcel IV (701-709 East Water Street) may be fill ports for abandoned USTs. Historic records identified four (4) 1,000-gallon USTs and one (1) 550-gallon UST at the site, however, the DEC PBS registry indicated that no PBS tanks were registered for the site. Historical records also indicated that Parcel IV was a gasoline filling station from 1940 to 1964, which may have exposed the site to activities of environmental concern in addition to the presence of the USTs. In addition, historic records indicated that Parcel II (650 East Water Street) once supported a manufacturing/industrial facility whose activities may have exposed the site to materials of environmental concern. As a result, it is recommended that a subsurface investigation (e.g., test pits including sampling and analysis of soil and groundwater samples) be conducted at Parcels II and IV to determine if USTs exist at either site and to determine if subsurface soils and/or groundwater have been impacted by previous activities conducted at the properties. Should USTs exist or if subsurface contamination is identified at either site, the DEC should be notified and the USTs and/or contamination should be addressed in accordance with the applicable regulations.

5. **Buried Debris** - Historical records indicated that residential and/or commercial buildings were once located at each property, and depressions were observed at Parcels III and VII which suggest that building demolition debris may have been used as backfill at some or all of the subject properties. Such building demolition debris may have included ACMs, LBPs, or heating oil storage tanks mixed with typical demolition debris such as wood, concrete, stone, bricks, and other building materials. Except for Parcels II and IV, as discussed in Recommendation 4, the potential existence of buried debris at the remaining parcels does not appear to present a significant environmental concern. If future redevelopment of the remaining parcels will include excavation of soils, however, excavated demolition

debris, waste materials, and other types of regulated solid waste or hazardous waste (i.e., ACMs, LBPs, storage tanks, tires, batteries, appliances, etc.) may not be permitted to be used as backfill material and may require special handling, transport, and off-site disposal.

6. **Radon** - Radon testing data compiled by the NYSDOH and the EPA indicated elevated average radon concentrations above the EPA recommended action level of 4.0 pCi/l for residential buildings tested in the vicinity of the subject properties. Radon gas, which forms naturally in subsurface rock formations and naturally seeps up through the earth's surface into buildings, is believed to be a carcinogen which can cause cancer in humans. As a result, if future development of any of the parcels will include construction of occupied commercial or residential buildings, an initial screening of such buildings should be conducted to document the actual radon levels to which persons are exposed, and to determine if the radon levels exceeds the EPA action level 4.0 pCi/l for residential buildings.

5.0 EXCLUSIONS & DISCLAIMERS

1. This report has been prepared for the use of the City of Syracuse Industrial Development Agency and the City of Syracuse in accordance with written authorization received on December 15, 1997, and only those parties are authorized to rely on the contents of this report. C & H Engineers assumes no responsibility, liability, or risk for use of this report for any purpose other than that defined in Work Order 96-04, or for use by any other parties.

2. C & H Engineers is not responsible for the identification of any environmental concerns or conditions which result from activities which have taken place after the date of this report.

3. The contents of this report, and the opinions and recommendations presented herein, are based on information available upon preparation of the Phase I ESA report. In addition, no sampling, testing, intrusive investigations, or destructive activities were conducted during the Phase I ESA to identify hidden conditions which may exist at the subject properties including, but not limited to, buried debris, USTs, or subsurface soil and/or groundwater contamination. Activities to further investigate or otherwise identify potential environmental concerns are typically performed in subsequent phases (Phases II and III) of an ESA.

We trust that this report meets your expectations and requirements with regard to the Phase I ESA of the 700 Outparcel Corporation properties. If you should have any questions or if we can provide additional information, please contact our office.

Very truly yours,

C & H ENGINEERS, P.C.

Thomas W. Heenan, P.E.
Principal

Stephen N. Mahana
Industrial Hygienist

Attachments

ATTACHMENT E

Phase II Environmental Site Assessment
Prepared for Woodbine Group
by Beardsley Design Associates in May 2002

LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT

Former 700 Outparcel Corporation Properties

650 and 701-709 East Water Street
City of Syracuse, New York

May 30, 2002

Prepared for:

Woodbine Group
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Syracuse, New York 13202

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1.0 SCOPE OF SERVICES

In accordance with our February 22, 2002 Scope of Services, Beardsley Design Associates (BDA) has conducted a Limited Phase II Environmental Site Assessment (ESA) of the property located at 650 and 701-709 East Water Street in the City of Syracuse, New York (see Figure 1 - *Location Plan*). This investigation was conducted to address a recommendation provided in a December 29, 1997 Phase I Environmental Site Assessment prepared by C & H Engineers, P.C. In general, the recommendation focused on concerns related to potential underground storage tanks (USTs) and petroleum impacts to site soils and/or groundwater related to former gasoline filling stations and industrial facilities at the properties.

2.0 FIELD ACTIVITIES

In order to evaluate the potential presence of USTs and petroleum contamination at the site, representatives of BDA and the Woodbine Group advanced a total of twelve test pits at the two properties on March 7, 2002. The locations of site features and test pits TP-1 through TP-12 are shown on Figures 2 and 3. Prior to conducting the field activities, Woodbine Group contacted the Underground Facilities Protection Organization to identify existing buried utilities at the subject properties. Woodbine Group utilized in-house personnel to advance test pits utilizing a track-mounted excavator (track-hoe). During the field investigation, discrete soil samples were collected from each test pit and field screened for the presence of volatile organic vapors utilizing a photo-ionization detector (PID). The BDA representative recorded the general nature of soils encountered at each test pit. A detailed description of the geology encountered at each test pit and the results of field PID screening are included in Table 1 – *Boring Logs*. Although BDA personnel took photographs of each test pit, a majority of the photographs were damaged during development. Each test pit was backfilled with its respective excavated soils.

2.1 Parcel II – 650 East Water Street

The eight test pits advanced at the subject parcel were excavated to a subsurface depth of up to six feet below grade (see Figure 2 and photographs 1 through 4). Test pits TP-5, TP-6, and TP-8 were advanced in the vicinity of site features (concrete slab, above-ground storage tank, and tower, respectively), while the remaining test pits advanced at the subject parcel were advanced within areas depressed below the typical grade of the site. In general, the geology encountered during the test pit excavations included a one-foot layer of asphalt and subbase, overlying black fill and cinders, overlying fine brown silt. The water table was encountered at depths ranging from four to five feet below grade.

Odors and volatile organic vapor concentrations were not detected in the test pit soils, except for TP-6, which exhibited a slight petroleum odor and a PID reading of 1.5 parts-per-million (ppm). Sheens were not observed on any of the test pit soils or groundwater.

Separate soil samples were collected from test pits TP-6, TP-11, and TP-12 for laboratory analysis in order to quantify the presence of potential petroleum compounds within the soil zone that exhibited the detectable PID reading (TP-6) or were located in the vicinity of subsurface piping (TP-11 and TP-12).

2.2 Parcel IV – 701-709 East Water Street

The four test pits advanced at the subject parcel were excavated to a subsurface depth of up to eight feet below grade (see Figure 3). In general, the geology encountered during boring advancement included a one-foot layer of asphalt and subbase, overlying black fill and cinders, overlying sandy brown gravel and silt. Groundwater was not encountered during the advancement of the test pits on the subject parcel.

Test pit TP-1 was advanced within a depressed area in the center of the subject parcel. A petroleum odor was noticed upon excavation, and a steel pipe and a 550-gallon UST were encountered approximately two feet below grade. The UST, which had apparently been utilized for the storage of oil product, was found to be holding water. No staining, odors, or sheens were observed on the soils in the vicinity of the UST. Petroleum vapor concentrations from soil samples collected from the walls of the excavation were less than 1 ppm. After a soil sample from the bottom of the excavation was collected for laboratory analysis, a representative of the New York State Department of Environmental Conservation (NYSDEC) was informed of the nature of the UST and surrounding soils.

Test pits TP-2 and TP-4 were advanced within a depressed area to the north of TP-1 and in the vicinity of a depressed area in the southern section of the property, respectively. No staining, odors, or sheens were observed on excavated soils, and no piping or USTs were encountered within the excavations.

Test pit TP-3 was advanced in the vicinity of what appeared to be two former UST fill pipes that had been cut flush to the existing grade. Following the piping, three 2,000-gallon (approximate) USTs were discovered. Advancing the excavation to the north, a fourth UST of similar size was encountered. The pea-stone backfill material surrounding the USTs, which was contained within an approximate 40-foot by 20-foot area, was field-identified (visual observations and PID readings) to be significantly impacted by petroleum. PID readings of the backfill material adjacent to the USTs ranged between 280 and 890 ppm. Native silt soils surrounding the fill material did not appear to be significantly impacted.

Prior to backfilling the expanded test pit excavation, a BDA representative contacted the NYSDEC Spill Hotline and Mr. Norman Swanson of Woodbine Group to report the observed conditions at the subject parcel. Based on the information provided to the NYSDEC, a spill file number (01-11549) was assigned to the subject parcel. In addition, Mr. Swanson informed BDA of his intent to have the USTs and impacted soils properly removed from the site at a future undetermined date. Since the backfill material was obviously impacted, and removal of the tanks was planned, a soil sample was not collected from the expanded test pit TP-3 for laboratory analysis.

3.0 LABORATORY ANALYTICAL RESULTS

Each of the four subsurface soil samples collected at the properties was analyzed for volatile organic compounds (VOCs) via EPA Method 8260 and semi-volatile organic compounds (SVOCs) via EPA Method 8270. The results of the soil sample laboratory analyses are presented in Table 2 – *Analytical Data Summary* and Attachment B – *Exterior Laboratory Analytical Report.* The results of the laboratory analyses were compared to recommended soil cleanup objectives as

stated in New York State Department of Environmental Conservation (NYSDEC) Technical and Administrative Guidance Memorandum 4046 (TAGM 4046, revised 1994).

3.1 Parcel II – 650 East Water Street

Although parameter-specific concentrations of four SVOCs (chrysene, fluoranthene, phenanthrene, and pyrene) were detected within the subsurface soil sample collected from test pit TP-12, the concentrations do not exceed relative TAGM 4046 recommended soil cleanup objectives (see Table 2). It should be noted, however, that although no parameter-specific concentrations of VOCs were detected within the subsurface soil sample collected from test pit TP-12, the laboratory minimum detection limits (MDLs) for volatile organic compounds within the sample were elevated due to an unknown petroleum hydrocarbon present in the soil sample. The unknown petroleum hydrocarbon is most likely a degraded or weathered petroleum compound typical of urban fill material.

Furthermore, although the soil samples collected from test pits TP-6 and TP-11 did not exhibit detectable concentrations of petroleum compounds, the soil sample collected from TP-11 exhibited elevated laboratory MDLs. According to the laboratory analysis report, the MDL for the sample collected from TP-11 was elevated due to the presence of a pattern resembling lubricating oil in the sample, at an estimated concentration of 5,500 ppm.

3.2 Parcel IV – 701-709 East Water Street

Although parameter-specific concentrations of one VOC (acetone) and two SVOCs (fluoranthene and pyrene) were detected within the subsurface soil sample collected from the bottom of test pit TP-1, the concentrations do not exceed relative TAGM 4046 recommended soil cleanup objectives (see Table 2).

4.0 CONCLUSIONS

Based on the activities completed for this Limited Phase II ESA, BDA concludes:

4.1 Parcel II – 650 East Water Street

Although concentrations of chrysene, fluoranthene, phenanthrene, and pyrene were detected within the subsurface soil sample collected from test pit TP-12, the concentrations do not exceed relative TAGM 4046 recommended soil cleanup objectives. However, lubricating oil was present in the sample collected from TP-11 at an estimated concentration of 5,500 ppm, and presumed degraded petroleum compounds were present in the sample collected from TP-12.

Conclusion: Since field and laboratory analysis evidence of significant petroleum contamination (including exceedences of TAGM 4046 recommended soil cleanup objectives) was not encountered during the completion of the Parcel II test pit excavations, it does not appear that a significant spill or release of petroleum has occurred at the subject property.

Although the presence of lubricating oil and weathered/degraded petroleum within the site soils is likely related to the characteristics of urban fill material (cinders

and ash) within the local area, the presence of these petroleum compounds may necessitate appropriate management of on-site soils (as solid waste) if future property development includes removal or relocation of the on-site soils.

4.2 Parcel IV – 701-709 East Water Street

Four 2,000-gallon (approximate) USTs were encountered during the advancement of test pit TP-3. The backfill material surrounding the USTs, consisting of pea stone gravel, was determined to be significantly impacted. The backfill material was contained within an approximate 40-foot by 20-foot area. The surrounding native silt soils did not appear to be significantly impacted. Based on the information provided to the NYSDEC Spill Hotline, a spill file number (01-11549) was assigned to the subject parcel.

Conclusion: Although some contamination of the adjacent native silt/glacial till material is expected, these types of soils exhibit minimal permeability, and as such, only limited contaminant migration beyond the backfill materials is anticipated. Since groundwater was not encountered during the exploratory excavations, however, the vertical extent of gasoline contaminated soils is unknown. It is also possible that some contaminant migration to the adjacent utility trench (gas main) backfill materials extending along the eastern side of Almond Street (western property boundary) may have occurred. It is estimated that 400 to 500 cubic yards of contaminated backfill material and native soils exist in the vicinity of the gasoline USTs.

An approximate 550-gallon UST was encountered during the advancement of test pit TP-1. The UST, which had apparently been utilized for the storage of oil product, was found to be holding water. No staining, odors, or sheens were observed on the soils in the vicinity of the 550-gallon UST. Although parameter-specific concentrations of one VOC (acetone) and two SVOCs (fluoranthene and pyrene) were detected within the subsurface soil sample collected from the bottom of test pit TP-1, the concentrations do not exceed relative TAGM 4046 recommended soil cleanup objectives.

Conclusion: Potentially petroleum-impacted soils in the vicinity of the 550-gallon UST appear to be limited to approximately 50 cubic yards.

5.0 RECOMMENDATIONS

Based on the Limited Phase II ESA activities conducted by BDA, we offer the following recommendations:

1. Consistent with the intent of Woodbine Group, BDA recommends that the five USTs and surrounding impacted soils encountered on Parcel IV be properly removed. Consistent with applicable NYSDEC requirements for implementing satisfactory UST closure, the following remediation and engineering efforts will be required during the completion of UST and contaminated soil removal activities at the Parcel IV property:

   - Mobilization to the property, removal and dispose UST liquids (8,550 gallons)
   - UST removal (including initial excavation of backfill material)

- UST cleaning and cutting (UST materials transported to scrap yard for disposal)
- Excavation of contaminated backfill material (including disposal analysis for landfill delivery) and a limited volume of contaminated native soils (400 – 500 cubic yards = 600 – 750 tons)
- Provide, place and compact clean backfill (600 – 750 tons)
- NYSDEC correspondence and UST registration (if required)
- On-Site/field documentation of UST removal and remedial activities (including excavation perimeter field screening and soil sampling)
- Excavation perimeter confirmatory soil sample analysis (estimate 12 total samples)
- Prepare UST/Spill Closeout Letter

2. If site development excavations greater than two feet below grade are completed at the subject properties, an environmental professional should be present at the site during excavation operations to field-identify the extent of high-level petroleum contamination, if any. If petroleum product/vapors are detected within excavated soils, further investigation into the nature of the contamination may be warranted. In addition, if excavated soils are to be moved off-site, it may be necessary to submit samples for waste disposal purposes (VOCs, SVOCs, heavy metals, and reactive cyanide/sulfide analyses via toxic characteristic leaching procedure, TCLP).

If you should have any questions or if we can provide additional information, please feel free to contact our office at your convenience.

Very truly yours,

BEARDSLEY DESIGN ASSOCIATES

John M. Kanoza, P.E., C.P.G.
Senior Project Engineer

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Project Engineer

RDM:lk

Attachments

TABLES

TABLE 1:
TEST PIT SOIL LOGS

Limited Phase II ESA
Former 700 Outparcel Corporation Properties
650 and 701-709 East Water Street
City of Syracuse, New York

Test Pit	Depth	Soil Characteristics	Depth to Groundwater	Comments
Parcel IV				
TP-1	0-1	Asphalt and subbase	Not Encountered	Steel Pipe at 1'
	1-2	Ash, cinders, gravel, sand, brick		Oil UST at 3'
	2-3	Fine to medium sand		PID < 1.0 ppm
	3-4	Brown gravel and sandy silt		Laboratory Sample Collected
TP-2	0-2	Asphalt and subbase	Not Encountered	No sheens/odors
	2-4	Fine to medium sand		PID = 0.0 ppm
	4-6	Brown gravel and sandy silt		
	6-8	Glacial till		
TP-3	0-1	Asphalt and subbase	Not Encountered	4 gasoline USTs
	1-2	Crushed stone backfill		PID > 280 ppm
	2-3	Crushed stone backfill		Surrounding soils: sandy silt/clay
	3-4	Crushed stone backfill		
TP-4	0-1	Asphalt and subbase	Not Encountered	No sheens/odors
	1-2	Black ash and ciders		PID = 0.0 ppm
	2-3	Asphalt, brick, black ash/cinders, and wood timbers		
	3-4	Brown-grey silt		
Parcel II				
TP-5	0-1	Asphalt and subbase	4 ft.	No sheens/odors
	1-2	Fine brown silt		PID = 0.0 ppm
	2-3	Concrete slab, ash, and cinders		
	3-4	Silt/clay		
TP-6	0-1	Asphalt and subbase	4 ft.	No sheens
	1-2	Fine brown silt		Slight odor
	2-3	Fine brown silt		PID = 1.5 ppm
	3-4	Fine brown silt		Laboratory Sample Collected
TP-7	0-1	Asphalt and subbase	4 ft.	No sheens/odors
	1-2	Fine brown silt, black ash and cinders		PID = 0.0 ppm
	2-3	Fine brown silt, black ash and cinders		
	3-4	Fine brown silt, black ash and cinders		
TP-8	0-1	Asphalt and subbase	4 ft.	No sheens/odors
	1-2	Fine brown silt, black ash and cinders, wood timbers		PID = 0.0 ppm
	2-3	Fine brown silt, black ash and cinders, wood timbers		
	3-4	Fine brown silt, black ash and cinders, wood timbers		
TP-9	0-1	Asphalt and subbase	4 ft.	No sheens/odors
	1-2	Fine brown silt, black ash and cinders, wood timbers		PID = 0.0 ppm
	2-3	Fine brown silt, black ash and cinders, wood timbers		
	3-4	Fine brown silt, black ash and cinders, wood timbers		
TP-10	0-1	Asphalt and subbase	4 ft.	No sheens/odors
	1-2	Fine brown silt, black ash and cinders		PID = 0.0 ppm
	2-3	Fine brown silt, black ash and cinders		Steel Pipe
	3-4	Fine brown silt, black ash and cinders		
TP-11	0-1	Asphalt, subbase, and red brick	5 ft.	No sheens/odors
	1-2	Black ash and cinders, quarry stones		PID = 0.0 ppm
	2-3	Peat and wood timbers		Steel Pipes
	3-4	Fine brown silt		Laboratory Sample Collected
	4-5	Large rock		
TP-12	0-1	Asphalt, subbase, and red brick	4 ft.	No sheens/odors
	1-2	Black ash and cinders, quarry stones		PID = 0.0 ppm
	2-3	Peat and wood timbers		Steel Pipes
	3-4	Fine brown silt		Laboratory Sample Collected

TABLE 2:
ANALYTICAL DATA SUMMARY

Limited Phase II ESA
Former 700 Outparcel Corporation Properties
650 and 701-709 East Water Street
City of Syracuse, New York

Analyte	TAGM 4046 Soil Cleanup Objective (ug/kg)	Soil Samples			
		Small Tank Bottom (ug/kg)	TP - 6 (ug/kg)	TP - 11 (ug/kg)	TP - 12 (ug/kg)
EPA 8260					
Acetone	200	**110**	<10	<400	<400
Benzene	60	<5	<5	<200	<200
Bromodichloromethane	N/A	<5	<5	<200	<200
Bromoform	N/A	<5	<5	<200	<200
2-Butanone (MEK)	300	<10	<10	<400	<400
Carbon Disulfide	2,700	<5	<5	<200	<200
Carbon Tetrachloride	600	<5	<5	<200	<200
Chlorobenzene	1,700	<5	<5	<200	<200
Chloroethane	1,900	<5	<5	<200	<200
Chloroform	300	<5	<5	<200	<200
Chloromethane	N/A	<5	<5	<200	<200
Dibromochloromethane	N/A	<5	<5	<200	<200
1,1-Dichloroethane	200	<5	<5	<200	<200
1,2-Dichloroethane	100	<5	<5	<200	<200
1,1-Dichloroethene	400	<5	<5	<200	<200
1,2-Dichloroethene, Total	N/A	<5	<5	<200	<200
1,2-Dichloropropane	N/A	<5	<5	<200	<200
cis-1,3-Dichloropropene	N/A	<5	<5	<200	<200
trans-1,3-Dichloropropene	N/A	<5	<5	<200	<200
Ethyl benzene	5,500	<5	<5	<200	<200
2-Hexanone	N/A	<10	<10	<400	<400
Methylene chloride	100	<10	<10	<400	<400
4-Methyl-2-pentanone (MIBK)	1,000	<10	<10	<400	<400
Styrene	N/A	<5	<5	<200	<200
1,1,2,2-Tetrachloroethane	600	<5	<5	<200	<200
Tetrachloroethene	1,400	<5	<5	<200	<200
Toluene	1,500	<5	<5	<200	<200
1,1,1-Trichloroethane	800	<5	<5	<200	<200
1,1,2-Trichloroethane	N/A	<5	<5	<200	<200
Trichloroethene	700	<5	<5	<200	<200
Vinyl chloride	200	<5	<5	<200	<200
Xylenes (Total)	1,200	<5	<5	<200	<200
TOTAL	10,000	**110**	0	0	0

Shaded Values = exceedences of TAGM 4046 Soil Cleanup Objectives or TOGS 1.1.1 Class GA Water Quality Standards/Guidance Values

TABLE 2:
ANALYTICAL DATA SUMMARY

Limited Phase II ESA
Former 700 Outparcel Corporation Properties
650 and 701-709 East Water Street
City of Syracuse, New York

Analyte	TAGM 4046 Soil Cleanup Objective (ug/kg)	Soil Samples			
		Small Tank Bottom (ug/kg)	TP - 6 (ug/kg)	TP - 11 (ug/kg)	TP - 12 (ug/kg)
EPA 8270					
Acenaphthene	50,000	<200	<200	<10,000	<200
Acenaphthylene	41,000	<200	<200	<10,000	<200
Anthracene	50,000	<200	<200	<10,000	<200
Benz(a)anthracene	224	<200	<200	<10,000	<200
Benzo(b)fluoranthene	1,100	<200	<200	<10,000	<200
Benzo(k)fluoranthene	1,100	<200	<200	<10,000	<200
Benzo(g,h,i)perylene	50,000	<200	<200	<10,000	<200
Benzo(a)pyrene	61	<200	<200	<10,000	<200
4-Bromophenyl-phenylether	N/A	<200	<200	<10,000	<200
Butylbenzylphthalate	50,000	<200	<200	<10,000	<200
Carbazole	N/A	<200	<200	<10,000	<200
4-Chloroaniline	220	<200	<200	<10,000	<200
bis(2-Chloroethoxy)methane	N/A	<200	<200	<10,000	<200
bis(2-Chloroethyl)ether	N/A	<200	<200	<10,000	<200
2-Chloronaphthalene	N/A	<200	<200	<10,000	<200
4-Chlorophenyl-phenylether	N/A	<200	<200	<10,000	<200
Chrysene	400	<200	<200	<10,000	**200**
Dibenzo(a,h)anthracene	14	<200	<200	<10,000	<200
Dibenzofuran	6,200	<200	<200	<10,000	<200
Di-n-butylphthalate	8,100	<200	<200	<10,000	<200
1,2-Dichlorobenzene	7,900	<200	<200	<10,000	<200
1,3-Dichlorobenzene	1,600	<200	<200	<10,000	<200
1,4-Dichlorobenzene	8,500	<200	<200	<10,000	<200
3,3'-Dichlorobenzidine	N/A	<400	<400	<20,000	<400
Diethylphthalate	7,100	<200	<200	<10,000	<200
Dimethylphthalate	2,000	<200	<200	<10,000	<200
2,4-Dinitrotoluene	N/A	<200	<200	<10,000	<200
2,6-Dinitrotoluene	1,000	<200	<200	<10,000	<200
Di-n-octylphthalate	50,000	<200	<200	<10,000	<200
bis(2-Ethylhexyl)phthalate	50,000	<200	<200	<10,000	<200
Fluoranthene	50,000	**210**	<200	<10,000	**300**
Fluorene	50,000	<200	<200	<10,000	<200
Hexachlorobenzene	410	<200	<200	<10,000	<200
Hexachlorobutadiene	N/A	<200	<200	<10,000	<200
Hexachlorocyclopentadiene	N/A	<200	<200	<10,000	<200
Hexachloroethane	N/A	<200	<200	<10,000	<200
Indeno(1,2,3-c,d)pyrene	3,200	<200	<200	<10,000	<200
Isophorone	4,400	<200	<200	<10,000	<200
2-Methylnaphthalene	36,400	<200	<200	<10,000	<200
Naphthalene	13,000	<200	<200	<10,000	<200
2-Nitroaniline	430	<400	<400	<20,000	<400
3-Nitroaniline	N/A	<400	<400	<20,000	<400
4-Nitroaniline	N/A	<400	<400	<20,000	<400
Nitrobenzene	200	<200	<200	<10,000	<200
N-Nitrosodiphenylamine	N/A	<200	<200	<10,000	<200
N-Nitroso-di-n-propylamine	N/A	<200	<200	<10,000	<200
Phenanthrene	50,000	<200	<200	<10,000	**500**
Pyrene	50,000	**200**	<200	<10,000	**290**
1,2,4-Trichlorobenzene	3,400	<200	<200	<10,000	<200
TOTAL	500,000	**410**	0	0	**1,290**

Shaded Values = exceedences of TAGM 4046 Soil Cleanup Objectives or TOGS 1.1.1 Class GA Water Quality Standards/Guidance Values

ATTACHMENT F

UST Closure and Supplemental Subsurface Investigation
Prepared for Woodbine Group
by Beardsley Design Associates in April 2007

UNDERGROUND STORAGE TANK CLOSURE REPORT

Former 700 Outparcel Corporation Properties

701-709 East Water Street
City of Syracuse, New York

April 27, 2007

Prepared for:

700 Out Parcel, LLC
c/o Woodbine Group
505 Fayette Street
Syracuse, New York 13202

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EXECUTIVE SUMMARY

Conclusions

Beardsley Design Associates (BDA) has conducted an Underground Storage Tank (UST) Closure and Limited Subsurface Investigation of a vacant parcel (known as the 700 Outparcels) located at 701-709 East Water Street in the City of Syracuse, New York. A total of seven USTs were excavated and removed by Seabird Environmental, Inc. (Seabird) on December 4-12, 2006 from the subject property. A total of approximately 4,610 gallons of gasoline- and fuel oil-impacted water, waste oil, and tank bottom sludge was vacuumed from the tanks by a vacuum truck operated by Environmental Products & Services, Inc. of Syracuse, New York. Upon initial discovery of petroleum-impacted soil in the vicinity of the USTs and distribution line piping, the New York State Department of Environmental Conservation (NYSDEC) Spill Hotline was called by Seabird personnel on December 4, 2006 and spill ID #06-10014 was assigned to the site. Additionally, these petroleum impacts have also been filed by BDA during a 2001 subsurface investigation of the site under NYSDEC spill ID #01-11549.

Gasoline UST Excavations

1. On December 4 and December 12, 2006, seven USTs were decommissioned and removed from the site (UST-1 through UST-7). These USTs included:

   - 4, 1,000-gallon gasoline USTs
   - 2, 550-gallon USTs (one fuel oil and one waste oil)
   - 1, 4,200-gallon gasoline UST

2. Upon completion of post-excavation soil sampling and laboratory analysis, residual gasoline-impacted soil above NYSDEC guidance values persists along the north, east, and south sidewalls of the north excavation pit of the gasoline UST field.

3. The highest headspace concentrations of total volatile organic compounds (VOCs) in soil appear to be confined to the sand and gravel unit (GP) at approximately 10-12 ft bgs, with the exception of the footprints of petroleum releases in the upper silt and fine sand unit (ML) emanating from the gasoline USTs and associated distribution line piping. A total of approximately 1,810 tons of gasoline-impacted soil was excavated and stockpiled from these areas pending transport and disposal to a sanitary landfill. Mr. Richard Brazell of NYSDEC Region 7 has granted 700 Out Parcel, LLC an open-ended extension for disposal of the stockpile pending further investigation and remedial actions at the subject property. Concentrations of residual gasoline-impacted soil remain on site, especially beneath the former distribution line piping along the eastern sidewall of the north excavation pit of the gasoline UST field.

4. Gasoline impacted soil extends to and potentially beyond the north property boundary.

5. Upon completion of post-excavation soil sampling and laboratory analysis within the south excavation pit of the gasoline UST field, no VOCs or semi-volatile organic compounds (SVOCs) were detected above NYSDEC guidance values.

Fuel Oil UST Pit

1. Upon completion of post-excavation soil sampling and laboratory analysis, no concentrations of VOCs and SVOCs were detected above the laboratory detection limit or NYSDEC guidance values in the subsurface soil samples.

Waste Oil UST Pit

1. Upon completion of post-excavation soil sampling and laboratory analysis, concentrations of VOCs were detected in the sidewall composite and excavation bottom samples, but were well below the NYSDEC guidance values, with the exception of total xylenes detected in the sidewall composite sample above the NYSDEC guidance value.

2. Concentrations of SVOCs were detected in the sidewall composite sample, but were well below the NYSDEC guidance values. No concentrations of SVOCs were detected above the laboratory detection limit in the remaining subsurface soil samples.

Limited Subsurface Investigation

1. Upon advancement of 13 test pits, it was observed that residual gasoline-impacted soil extends to and potentially beyond the northern property boundary. Gasoline-impacted soil extends to within 35 ft of the eastern property boundary and to the fence line at the southern and western property boundaries. Soil analytical results of samples collected from the south and west sidewalls within the former UST excavation indicate that contamination has not likely migrated off-site. However, based on test pit soil screening results, it is inconclusive whether or not petroleum subsurface impacts have migrated off-site to the south from on-site areas to the east of the former UST excavation.

2. The VOC concentrations that appear to be endemic across the site are likely related to former gasoline service station. The predicted high hydraulic conductivity of the GP layer is potentially capable of allowing subsurface petroleum impacts in soil and groundwater to migrate. In addition, the predicted low hydraulic conductivity of the ML and GC layers appears to have inhibited horizontal and vertical migration in these units. There is currently no evidence to suggest that off-site migration of a subsurface petroleum plume has occurred at this time.

3. An extensive area of elevated VOC concentrations in TP-1 (maximum of 1,439 ppm at 11 ft bgs), TP-2 (maximum of 1,732 ppm at 12.7 ft bgs), and TP-4 (maximum of 1,970 ppm at 12.5 ft bgs) located at the eastern portion of Parcel No. 1 suggests a source of petroleum contamination from former pump islands and distribution lines in this area.

4. An anomaly of elevated VOC concentrations in TP-11 located at the north-central portion of Parcel No. 2 (maximum of 2,000+ ppm at 10 ft bgs) suggests that there may be a secondary source of petroleum contamination in this area.

5. A section of concrete uncovered in the vicinity of TP-3 is believed to be a remnant of a former pump island, which suggests that former distribution line piping may have released petroleum to the subsurface from this area as well.

6. A section of former brick foundation and concrete footers uncovered in the vicinity of TP-11 and TP-12 is a potential remnant of a former automobile dealership and service center building, which is known to have existed concurrently on Parcel No. 2 during operations of the gasoline service station on Parcel No. 1.

7. A rectangular wooden subsurface structure with a wooden plank floor and localized visual evidence of congealed used motor oil beneath the wooden planks was uncovered in TP-13, which is believed to be a former automobile service pit for changing motor oil in vehicles. Although congealed used motor oil was observed, no headspace concentrations of total VOCs were detected in soil samples collected from this horizon, which may be indicative of degradation of SVOC constituents over an extended period of time.

8. The limited subsurface investigation further supports the earlier statement that gasoline impacted soil extends to and potentially beyond the northern property boundary in the vicinity of the north sidewall of the remedial investigation and test pits TP-2 and TP-11. In addition, gasoline impacted soil extends to and potentially beyond the southern property boundary in the vicinity of test pits TP-1, TP-4 and TP-6.

9. The extent of the VOC plume does not appear to have impacted the southeastern portion of Parcel No. 2 in the vicinity of TP-7, TP-8, TP-10, and TP-13. However, since the soils were merely screened for volatile vapors, SVOC and metals contaminants may exist within this area.

Meetings with New York State Department of Environmental Conservation

Mr. Richard Brazell of NYSDEC Region 7 stated that there will be an unlimited extension for disposal of the gasoline-impacted soil stockpile with the understanding that the stockpile will be disposed as part of further investigation and remedial work at the site.

1.0 INTRODUCTION

This report details activities associated with the removal of underground storage tanks (USTs) on December 4 through 12, 2006 and subsurface investigation methodologies and results on December 7, 2006 on two vacant parcels (known as the 700 Outparcels) located at 701 East Water Street (Parcel No. 1) and 709 East Water Street (Parcel No. 2) in the City of Syracuse, New York. The location of the property in relation to major roads and other points of reference is indicated on Figure 1 – *Location Plan.* A 2003 Boundary and Topographic Survey Plan provided by 700 Out Parcel, LLC served as the basis for Figure 2 – *Property Boundary Sketch,* which identifies the approximate location and orientation of the features of the site.

As authorized by 700 Out Parcel, LLC, BDA field activities included observation and documentation of UST removals, screening of UST closure soil samples, collection of post-excavation soil samples for laboratory analysis, and a limited subsurface investigation to characterize site subsurface conditions. Seabird Environmental Services, Inc. (Seabird) of Mexico, New York provided the equipment, labor, and materials to perform the earthwork and tank removals associated with the UST closure project, while Environmental Products & Services, Inc. (EPS) of Syracuse, New York provided a vacuum truck to remove gasoline- and fuel oil-impacted water, waste oil, and tank bottom sludge generated during tank closure activities. Mr. Chris Mannes, spill investigator for the NYSDEC Region 7 office in Syracuse, New York, was present during the UST removal activities. The removed USTs were unregistered at NYSDEC. Therefore, a Petroleum Bulk Storage (PBS) Registration Form was completed by BDA for proper registry upon closure of the tanks.

The report also summarizes the analytical results from the UST Closure Investigation. The analytical results have been compared to Technical and Administrative Guidance Memorandum (TAGM) No. 4046, Determination of Soil Cleanup Objectives and Cleanup Levels (NYSDEC 1994), and NYSDEC modifications to Determination of Soil Cleanup Levels (NYSDEC 2000).

2.0 UST CLOSURE ACTIVITIES

2.1 Tank, Fluids, and Sludge Removal

A total of seven USTs were excavated and removed from the subject property by Seabird on December 4-12, 2006. BDA observed the removal of four 1,000-gallon single-walled, steel gasoline USTs and one 4,200-gallon single-walled, steel gasoline UST in one tank pit. In addition, fill ports and distribution fuel lines associated with these gasoline tanks were removed. Two 550-gallon single-walled, steel fuel oil and waste oil USTs were also removed from separate tank pits.

Prior to UST removal, the tops and sides of the tanks were exposed and residual fuel was pumped from the tanks (See Photograph No. 1, Attachment A). No pumps or associated plumbing were found. A total of approximately 4,610 gallons of gasoline- and fuel oil-impacted water, waste oil, and tank bottom sludge was vacuumed from the tanks by an EPS vacuum truck. Bill of Lading receipts for disposal of two vacuum truck loads is included in Attachment B.

2.2 Conditions of USTs and Distribution Lines Upon Removal

Distribution lines leading from the USTs to the former pump island appeared in fair condition upon removal. Fill port pipes appeared in fair condition. These pipes were constructed of single-walled steel. No holes were found in the steel. Upon disconnection of the piping, the USTs were lifted from the excavation by Seabird on December 4, 2006 (UST-1 through UST-6; See Photograph Nos. 2, 3, and 4 presented within Attachment A) and December 12, 2006 (UST-7; See Photograph No. 5). For identification purposes, the USTs were designated as UST-1 through UST-7 as shown on Figure 2. BDA inspected the USTs and assigned the following ratings of tank conditions upon removal:

CONDITIONS OF UNDERGROUND STORAGE TANKS UPON REMOVAL

Tank ID	Tank Capacity (gallons)	Type of Fuel Stored	Degree of Rusting	Degree of Corrosion (Pits)	Number of Holes Found	Overall Rating of Condition
UST-1	1,000	Gasoline	Low to Moderate	Low to Moderate	0	Fair/Good
UST-2	1,000	Gasoline	Low to Moderate	Low to Moderate	0	Fair/Good
UST-3	1,000	Gasoline	Low to Moderate	Low to Moderate	0	Fair/Good
UST-4	1,000	Gasoline	Low to Moderate	Low to Moderate	0	Fair/Good
UST-5	550	Waste Oil	Moderate	Moderate to Advanced; Localized Deep Pits	<¼-in.= 3 ¼-½-in.= 6 ½-1¼-in.= 3 Total = 12	Poor (See Photograph No. 6)
UST-6	550	Fuel Oil	Moderate	Low to Moderate	0	Fair/Good
UST-7	4,200	Gasoline	Advanced	Advanced	<½-in.= 46 ½-1-in.= 37 1-2-in.= 6 Total = 89	Poor (See Photograph No. 7)

Following removal of the USTs, the tanks were cleaned by Seabird on December 4, 2006 (UST-1 through UST-6) and December 12, 2006 (UST-7). The internal atmosphere of the tanks was checked by Seabird to confirm an explosion-proof atmosphere prior to cutting a hole in the tanks. Upon verification of the lower explosive limit reading less than 10 percent, Seabird cut open the tanks to provide personnel access to clean the tank interiors with absorbent pads. No additional fluids and solids (i.e., tank bottom sludge) were generated during cleaning activities. The steel USTs and associated piping were then disposed of as scrap metal.

3.0 SOIL SCREENING AND REMEDIAL EXCAVATION ACTIVITIES

3.1 Soil Screening Methodologies

Soil samples collected during tank closure activities were analyzed in the field for concentrations of total volatile organic compounds (VOCs) using a photoionization detector (PID) in accordance with NYSDEC Spill Technology and Remediation Series Memorandum No. 1. Field analysis of soil samples was performed either as a direct screening of samples from the trackhoe bucket or by closed-container headspace methodologies. The PID was calibrated to a 100 parts per million (ppm) Isobutlyene standard prior to use. Soil samples selected for closed-container headspace analysis were placed in ziplock bags and allowed to remain sealed for approximately 10 minutes in a heated vehicle. The headspace analysis was performed on each ziplock bag, which scans the air space above the soil sample in the bag for total VOCs in ppm.

3.2 Gasoline UST Pit and Associated Distribution Lines

During removal of UST-1 through UST-4 and UST-7 from the gasoline tank pit, BDA conducted field screening and closed-container headspace analysis of existing tank pit backfill material and native soil surrounding the tank pit for total VOC concentrations. Soils exhibiting concentrations greater than 10 ppm above background, through field screening or headspace analysis, were considered petroleum-impacted and segregated into a separate stockpile. Upon discovery of petroleum-impacted soil, the NYSDEC Spill Hotline was called by Seabird personnel on December 4, 2006 and spill ID #06-10014 was assigned to the site.

Petroleum-impacted fill material (fine to medium gravel with variable amounts of sand, silt, and clay) from the gasoline UST pit was identified through field screening and closed-container headspace analysis in the vicinity of the fill ports, distribution lines, and sides of each gasoline UST. Elevated headspace VOC concentrations of the backfill of the gasoline UST pit ranged from 10 to 1,554 ppm and were excavated and stockpiled accordingly.

The sidewalls and excavation bottom of the UST pit were excavated until native soil was encountered. Native soil was classified using the Unified Soil Classification System (USCS) in accordance with the American Society for Testing and Materials (ASTM) Standard D 2487-83 (ASTM, 1985) and as summarized in the reference chart in Attachment C. A generalized cross-section of the surficial geologic units encountered is summarized in the table below:

GENERALIZED CROSS-SECTION OF SUBSURFACE GEOLOGIC UNITS		
Depth (feet below ground surface)	**USCS Unit Designation**	**Lithologic Description of Soil**
0-4	FILL (GM/GC)	Asphalt/Macadam (0-0.5 ft) then FILL; Medium Gray-Brown SILT; Some Clay and f-c Gravel; Little vf-c Sand (Slightly moist; Brick, concrete, and glass fragments present)
4-5.5	PEAT/ML	PEAT with Dark Gray to Black SILT; Little vf-f Sand (Slightly moist; Abundant wood, reeds, and organic matter)
5.5-10	ML	Light Gray-Brown SILT and vf-f SAND with thin alternating lenses of pure vf-m sand, silt, and clay (Moist; Laminations and bedding present; Abundant root casts and decayed root matter; Localized clay intervals exhibit moderate plasticity)
10-12	GP	Light Greenish Brown m-c SAND and f GRAVEL; Trace vf-f Sand (Very moist; Wet at approximately 10.5-11 feet; subangular to subrounded clasts)
12-14.5	ML	Light Brown vf-f SAND; Some Silt and Clay (Wet; Sand, silt, and clay occurs in alternating thin beds and lenses)
14.5-16	GC	Reddish Brown f-m GRAVEL and CLAY; Little Silt and vf-c Sand (Slightly moist to dry; Very stiff and compact; High plasticity; Difficult digging with trackhoe)

Elevated field screening and closed-container headspace VOC concentrations of the native soil encountered along the perimeter of the gasoline UST pit ranged from 10 to 2,000+ ppm. The area of highest headspace VOC concentrations (1,000-2,000+ ppm) occurred beneath the former distribution lines on the north to northeast side of the gasoline UST pit. These soils were excavated to the fence line of the southern, western, and northern property boundaries. Remedial excavation limits on the eastern side of the excavation were extended to the northeast and southeast to remove source material associated with an apparent distribution line release and waste oil UST release, respectively (See Photograph Nos. 8 and 9, Attachment A). The final extent of the remedial excavation is shown in Figures 2, 3, and 4.

3.3 Fuel Oil UST Pit

Petroleum-impacted fill material (characterized as GM to GC) from the fuel oil UST pit was identified through field screening and headspace analysis in the vicinity of the fill port and sides of fuel oil UST. Elevated headspace VOC concentrations of the backfill of the fuel oil UST pit ranged from 10 to 25 ppm and were excavated and stockpiled accordingly.

The sidewalls and excavation bottom of the UST pit were excavated until native soil was encountered. The surficial geologic units encountered were similar to those described in Section 3.2. The remedial excavation was limited to the backfill material. No native soil was excavated from the fuel oil UST pit.

3.4 Waste Oil UST Pit

Petroleum-impacted fill material (fine to medium gravel with variable amounts of sand, silt, and clay) from the waste oil UST pit was identified through field screening and headspace analysis in the vicinity of the fill port and sides of fuel oil UST. Elevated headspace VOC concentrations of the backfill of the fuel oil UST pit ranged from 10 to 15 ppm and were excavated and stockpiled accordingly.

The sidewalls and excavation bottom of the UST pit were excavated until native soil was encountered. The surficial geologic units encountered were similar to those described in Section 3.2. The remedial excavation was limited to the backfill material. No native soil was excavated from the waste oil UST pit.

3.5 Remedial Excavation Activities

A total of approximately 1,810 tons (2,715 cubic yards) of petroleum-impacted soil was segregated into a separate temporary stockpile from the gasoline, fuel oil, and waste oil UST pits. The soil stockpile was placed on and covered with polyethylene sheeting (See Photograph No. 10, Attachment A). On December 28, 2006, Seabird collected a waste characterization composite soil sample for landfill acceptance approval from the soil stockpile. The waste characterization soil sample was submitted to Life Science Laboratories, Inc. of East Syracuse, NY for analysis of City of Auburn Landfill Testing Protocol for petroleum-impacted soil, which consists of pH, flash point, percent solids, total PCBs by EPA Method 8082, and the Toxicity Characteristic Leachate Procedure for VOCs, SVOCs, metals, pesticides, and herbicides. Laboratory analytical results reported soil concentrations as non-hazardous (See Attachment D). Therefore, the soil stockpile will remain covered and secured on the site until a waste characterization profile is approved by the City of Auburn Landfill and transport and disposal to the landfill is completed by Seabird.

4.0 POST-EXCAVATION SOIL SAMPLING ACTIVITIES

On December 7, 2006, BDA, soil samples were collected from the gasoline, waste oil, and fuel oil UST excavations in accordance with guidance contained in NYSDEC STARS Memorandum No. 1. Individual soil grab samples were collected along the sidewalls and bottom within each UST excavation. Given the large size of the gasoline UST excavation, post-excavation soil sampling was divided into a north excavation pit and a south excavation pit. For the gasoline UST pits, four individual soil grab samples were collected from each sidewall, while five individual soil grab samples were collected from the excavation bottom. Since the waste oil and fuel oil excavation pits were considerably smaller in size, one individual soil grab sample was collected from each sidewall, while one individual soil grab sample was collected from the excavation bottom. Closed-container headspace VOC concentrations were recorded at each soil grab sample location as shown on Table 1. Locations of soil grab samples for the north and south gasoline UST pits are shown on Figure 3, while locations of soil grab samples for the waste oil and fuel oil UST pits are shown in Figures 4 and 5, respectively.

Results of the closed-container headspace test and visual inspection were the primary criteria for selecting the individual soil grab sample from each sidewall to be submitted for laboratory analysis. In general, samples exhibiting elevated headspace readings and/or visible staining were selected for analysis. Post-excavation soil samples selected for laboratory analysis from

each UST pit are shown on Table 1 and Figures 3, 4, and 5. Soil samples collected from the north and south gasoline UST excavations were designated as north, south, east, and west sidewalls and excavation bottom. Soil samples collected from the sidewalls of the waste oil and fuel oil UST excavations were composited, while an individual grab sample was retained from the excavation bottom of each pit. The samples were submitted to Life Science Laboratories of East Syracuse, New York for analysis of VOCs by EPA Method 8260 for the STARS list of compounds.

5.0 LIMITED SUBSURFACE INVESTIGATION

Methodology and Observations

On December 7, 2006, remedial excavation activities were discontinued in order to conduct a limited subsurface investigation. BDA observed the excavation of six test pits (TP-1 through TP-6) performed by Seabird within the 700 Outparcel property boundaries during the UST closure investigation. On March 23, 2007, seven additional test pits were advanced as a supplement to the limited subsurface investigation. The purpose of the limited subsurface investigation was to further define the nature and horizontal and vertical extent of the petroleum hydrocarbon plume beneath the site. The locations of the test pits are shown on Figure 5. The test pits were excavated to a depth of 16 ft bgs, the maximum reach attainable using the steel-tread trackhoe deployed to the site.

Subsurface soil samples were collected at approximately 2-5 ft intervals, and retained in closed containers pending VOC headspace screening. The depth interval collected for headspace analysis was selected based on evidence of visual staining, odors, or PID headspace screening measurements.

Several general observations were made of buried structures encountered during the advancement of test pits. During the excavation of test pit TP-3, a concrete slab remnant of a former pump island was uncovered (See Photograph No. 11, Attachment A). During the excavation of test pits TP-11 and TP-12, remnants of a former brick building foundation and concrete footers were uncovered. During the excavation of TP-13, a rectangular wooden subsurface structure with a wooden plank floor and localized visual evidence of congealed used motor oil beneath the wooden planks was uncovered. Locations of the concrete slab, concrete footers, brick foundation, and wooden subsurface structure are shown on Figure 5.

Field Screening Results

Results of VOC headspace screening of subsurface soil samples collected from six test pits are provided in the test pit schedule on Figure 5. Total VOC headspace concentrations were detected in each test pit. Maximum total VOC headspace concentrations ranged from 1.5 ppm at 10 ft bgs in TP-13 to 2,000^{+} ppm at 10 ft bgs in TP-11. No total VOC headspace concentrations were detected above the field instrument detection limit of 1.0 ppm in TP-8. The most elevated VOC concentrations appear to be coincident with first groundwater (approximately 10-13 ft bgs across the site) and within the sand and gravel layer (GP) in test pits TP-1 (1,439 ppm at 11 ft bgs), TP-2 (1,732 ppm at 12.7 ft bgs), TP-4 (1,970 ppm at 12.5 ft bgs), TP-6 (350 ppm at 12 ft bgs), TP-9 (1,530 ppm at 10 ft bgs), and TP-11 (2,000^{+} ppm at 10 ft bgs). Conversely, the GC, ML, and Peat layers generally revealed low to moderate headspace concentrations of total VOCs ranging from 1 ppm at 14.5 ft bgs in TP-3 to 237 ppm at 9.5 ft bgs in TP-1. Overall, maximum

total VOC headspace concentrations are considerably lower in test pits TP-3 (26 ppm at 4.5 ft bgs), TP-5 (49 ppm at 13 ft bgs), TP-7 (4.5 ppm at 12 ft bgs), TP-10 (19 ppm at 13.5 ft bgs), and TP-13 (1.5 ppm at 10 ft bgs) when compared with results of the remaining test pits. No soil samples were submitted for laboratory analysis.

6.0 LABORATORY ANALYTICAL RESULTS

The following subsections provide a discussion from the laboratory analytical results of post-excavation subsurface soil collected at the site during UST closure activities, and soil samples collected from test pits at the site during the limited subsurface investigation. Laboratory analytical results and chain-of-custody forms for soil samples are provided in Attachment E. The concentration and distribution of COCs are presented and discussed below. To assess environmental conditions at the site, the reported concentrations are compared to NYSDEC guidance criteria. Soil results were compared to the TAGM No. 4046 documents, Determination of Soil Cleanup Objectives and Cleanup Levels (NYSDEC 1994 and 2000).

6.1 Post-Excavation Subsurface Soil Sample Results- Gasoline UST Pits

6.1.1 North Excavation Pit

Five subsurface soil samples were analyzed for VOCs and SVOCs (N, E, S, and W Sidewall-N Pit, and Bottom-N Pit). Analytical results are summarized in Table 2 and the analytical report is provided as Attachment E. Concentrations of 3 VOCs (total xylenes, 1, 2, 4-trimethylbenzene, and 1, 3, 5-trimethylbenzene) were detected above NYSDEC guidance values in the subsurface soil sample collected at the north sidewall. Concentrations of 4 VOCs (toluene, total xylenes, 1, 2, 4-trimethylbenzene, and 1, 3, 5-trimethylbenzene) were detected above NYSDEC guidance values in the subsurface soil sample collected at the east sidewall. Concentrations of 1 VOC (total xylenes) were detected above NYSDEC guidance values in the subsurface soil sample collected at the south sidewall. Concentrations of VOCs were detected in the west sidewall sample, but were well below the NYSDEC guidance values. No concentrations of VOCs were detected above the laboratory detection limit in subsurface soil samples collected from the excavation bottom. No concentrations of SVOCs were detected above the laboratory detection limit in the sidewall and bottom soil samples.

6.1.2 South Excavation Pit

Five subsurface soil samples were analyzed for VOCs and SVOCs (N, E, S, and W Sidewall-S Pit, and Bottom-S Pit). Analytical results are summarized in Table 3 and the analytical report is provided as Attachment E. Concentrations of VOCs were detected in the west sidewall and excavation bottom samples, but were well below the NYSDEC guidance values. No concentrations of VOCs were detected above the laboratory detection limit in the remaining subsurface soil samples. Concentrations of VOCs were detected in the west sidewall sample, but were well below the NYSDEC guidance values. No concentrations of SVOCs were detected above the laboratory detection limit in the remaining subsurface soil samples.

6.2 Post-Excavation Subsurface Soil Sample Results- Fuel Oil UST Pit

Two subsurface soil samples were analyzed for VOCs and SVOCs (SW-FO Sidewall Composite, and Bottom-FO Pit). Analytical results are summarized in Table 4 and the analytical report is provided as Attachment E. No concentrations of VOCs and SVOCs were detected above the laboratory detection limit or NYSDEC guidance values in the subsurface soil samples.

6.3 Post-Excavation Subsurface Soil Sample Results- Waste Oil UST Pit

Two subsurface soil samples were analyzed for VOCs and SVOCs (SW-WO Sidewall Composite, and Bottom-WO Pit). Analytical results are summarized in Table 4 and the analytical report is provided as Attachment E. Concentrations of VOCs were detected in the sidewall composite and excavation bottom samples, but were well below the NYSDEC guidance values, with the exception of total xylenes detected in the sidewall composite sample above the NYSDEC guidance value. Concentrations of SVOCs were detected in the sidewall composite sample, but were well below the NYSDEC guidance values. No concentrations of SVOCs were detected above the laboratory detection limit in the remaining subsurface soil samples.

7.0 SITE RESTORATION

Upon completion of post-excavation soil sampling, BDA observed limited site restoration services on December 12, 2006. The gasoline, fuel oil, and waste oil UST cavities were filled with imported bank run gravel obtained from Saunders sand and gravel pit in South Onondaga, New York to within 6-8 inches of existing grade (See Photograph No. 12, Attachment A). The bank run gravel was graded with a trackhoe and compacted in 12-inch lifts using a Case 850D bulldozer to restore the site to pre-excavation conditions. The top 6-8 inches of the excavations were backfilled with limestone crusher run obtained from Saunders limestone quarry in Marcellus, New York. The crusher run was also compacted with the bulldozer. A total of approximately 1,810.18 tons (2,715.27 cubic yards) of backfill material was placed into the former UST excavations. Seabird arranged for delivery and transport of fill materials to the site by Ricelli Trucking of Syracuse, New York. Backfill receipts are provided in Attachment F.

8.0 MEETINGS WITH NYSDEC REGION 7

8.1 Site Meeting- December 12, 2006

On December 12, 2006, BDA had a discussion with Mr. Chris Mannes of NYSDEC Region 7 regarding field screening results, soil stockpile management, timeline of soil stockpile disposal, and additional investigation of the subject property. Mr. Mannes made the following requests:

1. The existing soil stockpile should be transported for disposal.
2. Subsurface soil and vapor impacts have been detected along the northern property boundary of the proposed Center of Excellence project located immediately south of the subject property at 727 Washington Street (See Figure 2). Mr. Mannes stated that since petroleum subsurface impacts appear to have migrated to the subject property boundaries, he may request that 700 Out Parcel, LLC perform a subsurface investigation to include soil borings on East Water Street to assess whether or not petroleum impacts have migrated to the proposed Center of Excellence property.

3. Any additional remedial excavation or test pit program (if any) performed on the subject property shall be performed in accordance with NYSDEC Community Air Monitoring Plan (CAMP) as specified in the 2002 NYSDEC Draft DER-10 Technical Guidance document.

8.2 Office Meeting- December 15, 2006

On December 12, 2006, BDA and 700 Out Parcel, LLC met with Mr. Richard Brazell of NYSDEC Region 7 to discuss the status and additional requirements at the subject property. Mr. Brazell stated that the volume of petroleum-impacted soil removed during remedial excavation activities was satisfactory and that no further investigations are warranted on the subject property in connection with the UST closures. As such, Mr. Brazell stated to 700 Out Parcel, LLC that the existing NYSDEC spill cases #06-10014 and #01-11549 would be closed until further development at the site. However, Mr. Brazell stated that spill case closure is contingent upon results of the limited soil boring program on East Water Street as recommended by Mr. Chris Mannes.

8.3 Correspondence- February 2007

On February 6, 2007, BDA sent a letter on behalf of 700 Outparcel, LLC to Mr. Brazell of NYSDEC to request an extension on the deadline date for disposal of the gasoline-impacted soil stockpile (February 12, 2007) to a later date. On February 7, 2007, Mr. Brazell e-mailed a response to BDA which granted an extension for disposal of the gasoline-impacted soil stockpile with an unspecified due date based on discussions with former owners and further investigation and remedial work at the site.

9.0 CONCLUSIONS

In conformance with the scope and limitations of the scope of services, BDA has performed UST closure and soil investigation and remedial excavation activities at the subject property located at 701-709 East Water Street in the City of Syracuse, New York.

9.1 Site Subsurface Geology

The subsurface soil units described in section 3.2 of this report are interpreted as:

1. The basal soil unit (GC) that occurs at approximately 14.5-16 ft bgs is interpreted as a highly compact, clay-rich gravelly lodgement till with a predicted very low hydraulic conductivity.
2. The middle soil units (lower ML, GP, upper ML, and Peat/ML) that occur at approximately 4-14 ft bgs are collectively interpreted as a glacio-lacustrine sequence of fine-grained lake deposits. The lower ML/GP subsequence is a coarsening-upward package possibly representing a small lake delta. This interpretation is consistent with the description of Pleistocene glacio-lacustrine deposits published on the Surficial Geologic Map of New York State (Cadwell and Pair 1991). Corresponding hydraulic conductivities of the peat and ML subunits are predicted to be low. However, the hydraulic conductivity of the GP subunit is predicted to be high and potentially capable of allowing subsurface petroleum impacts in soil and groundwater to migrate.

9.2 Gasoline UST Excavations

1. On December 4 and December 12, 2006, seven USTs were decommissioned and removed from the site (UST-1 through UST-7). These USTs included:

   - 4, 1,000-gallon gasoline USTs
   - 2, 550-gallon USTs (one fuel oil and one waste oil)
   - 1, 4,200-gallon gasoline UST

2. Upon completion of post-excavation soil sampling and laboratory analysis, residual gasoline-impacted soil above NYSDEC guidance values persists along the north, east, and south sidewalls of the north excavation pit of the gasoline UST field.

3. The highest headspace concentrations of total volatile organic compounds (VOCs) in soil appear to be confined to the sand and gravel unit (GP) at approximately 10-12 ft bgs, with the exception of the footprints of petroleum releases in the upper silt and fine sand unit (ML) emanating from the gasoline USTs and associated distribution line piping. A total of approximately 1,810 tons of gasoline-impacted soil was excavated and stockpiled from these areas pending transport and disposal to a sanitary landfill. Mr. Richard Brazell of NYSDEC Region 7 has granted 700 Out Parcel, LLC an open-ended extension for disposal of the stockpile pending further investigation and remedial actions at the subject property. Concentrations of residual gasoline-impacted soil remain on site, especially beneath the former distribution line piping along the eastern sidewall of the north excavation pit of the gasoline UST field.

4. Gasoline impacted soil extends to and potentially beyond the north property boundary.

5. Upon completion of post-excavation soil sampling and laboratory analysis within the south excavation pit of the gasoline UST field, no VOCs or semi-volatile organic compounds (SVOCs) were detected above NYSDEC guidance values.

9.3 Fuel Oil UST Pit

1. Upon completion of post-excavation soil sampling and laboratory analysis, no concentrations of VOCs and SVOCs were detected above the laboratory detection limit or NYSDEC guidance values in the subsurface soil samples.

9.4 Waste Oil UST Pit

1. Upon completion of post-excavation soil sampling and laboratory analysis, concentrations of VOCs were detected in the sidewall composite and excavation bottom samples, but were well below the NYSDEC guidance values, with the exception of total xylenes detected in the sidewall composite sample above the NYSDEC guidance value.

2. Concentrations of SVOCs were detected in the sidewall composite sample, but were well below the NYSDEC guidance values. No concentrations of SVOCs were detected above the laboratory detection limit in the remaining subsurface soil samples.

9.5 Limited Subsurface Investigation

1. Upon advancement of 13 test pits, it was observed that residual gasoline-impacted soil extends to and potentially beyond the northern property boundary. Gasoline-impacted soil extends to within 35 ft of the eastern property boundary and to the fence line at the southern and western property boundaries. Soil analytical results of samples collected from the south and west sidewalls within the former UST excavation indicate that contamination has not likely migrated off-site. However, based on test pit soil screening results, it is inconclusive whether or not petroleum subsurface impacts have migrated off-site to the south from on-site areas to the east of the former UST excavation.

2. The VOC concentrations that appear to be endemic across the site are likely related to former gasoline service station. The predicted high hydraulic conductivity of the GP layer is potentially capable of allowing subsurface petroleum impacts in soil and groundwater to migrate. In addition, the predicted low hydraulic conductivity of the ML and GC layers appears to have inhibited horizontal and vertical migration in these units. There is currently no evidence to suggest that off-site migration of a subsurface petroleum plume has occurred at this time.

3. An extensive area of elevated VOC concentrations in TP-1 (maximum of 1,439 ppm at 11 ft bgs), TP-2 (maximum of 1,732 ppm at 12.7 ft bgs), and TP-4 (maximum of 1,970 ppm at 12.5 ft bgs) located at the eastern portion of Parcel No. 1 suggests a source of petroleum contamination from former pump islands and distribution lines in this area.

4. An anomaly of elevated VOC concentrations in TP-11 located at the north-central portion of Parcel No. 2 (maximum of 2,000+ ppm at 10 ft bgs) suggests that there may be a secondary source of petroleum contamination in this area.

5. A section of concrete uncovered in the vicinity of TP-3 is believed to be a remnant of a former pump island, which suggests that former distribution line piping may have released petroleum to the subsurface from this area as well.

6. A section of former brick foundation and concrete footers uncovered in the vicinity of TP-11 and TP-12 is a potential remnant of a former automobile dealership and service center building, which is known to have existed concurrently on Parcel No. 2 during operations of the gasoline service station on Parcel No. 1.

7. A rectangular wooden subsurface structure with a wooden plank floor and localized visual evidence of congealed used motor oil beneath the wooden planks was uncovered in TP-13, which is believed to be a former automobile service pit for changing motor oil in vehicles. Although congealed used motor oil was observed, no headspace concentrations of total VOCs were detected in soil samples collected from this horizon, which may be indicative of degradation of SVOC constituents over an extended period of time.

8. The limited subsurface investigation further supports the earlier statement that gasoline impacted soil extends to and potentially beyond the northern property boundary in the vicinity of the north sidewall of the remedial investigation and test pits TP-2 and TP-11. In

addition, gasoline impacted soil extends to and potentially beyond the southern property boundary in the vicinity of test pits TP-1, TP-4 and TP-6.

9. The extent of the VOC plume does not appear to have impacted the southeastern portion of Parcel No. 2 in the vicinity of TP-7, TP-8, TP-10, and TP-13. However, since the soils were merely screened for volatile vapors, SVOC and metals contaminants may exist within this area.

9.6 Meetings with New York State Department of Environmental Conservation

Mr. Richard Brazell of NYSDEC Region 7 stated that there will be an unlimited extension for disposal of the gasoline-impacted soil stockpile with the understanding that the stockpile will be disposed as part of further investigation and remedial work at the site.

10.0 QUALIFICATIONS

Since 1987, BDA has provided environmental assessment services to financial institutions, law firms, and other commercial, industrial, and municipal corporations in the Central New York region and throughout the North Atlantic states. Resumes of key individuals responsible for conducting field aspects of the UST closure and preparation of this report are included in Attachment G.

We trust that this report meets with your requirements of a UST Closure Report for the subject property. If you should have any questions or require additional information, please feel free to contact our office at your convenience.

Very truly yours,

BEARDSLEY DESIGN ASSOCIATES

Daniel Bishuk, Jr. (RM)
Daniel Bishuk, Jr., CPG
Senior Geologist

Richard McKenna
Project Engineer

Attachments

FIGURES

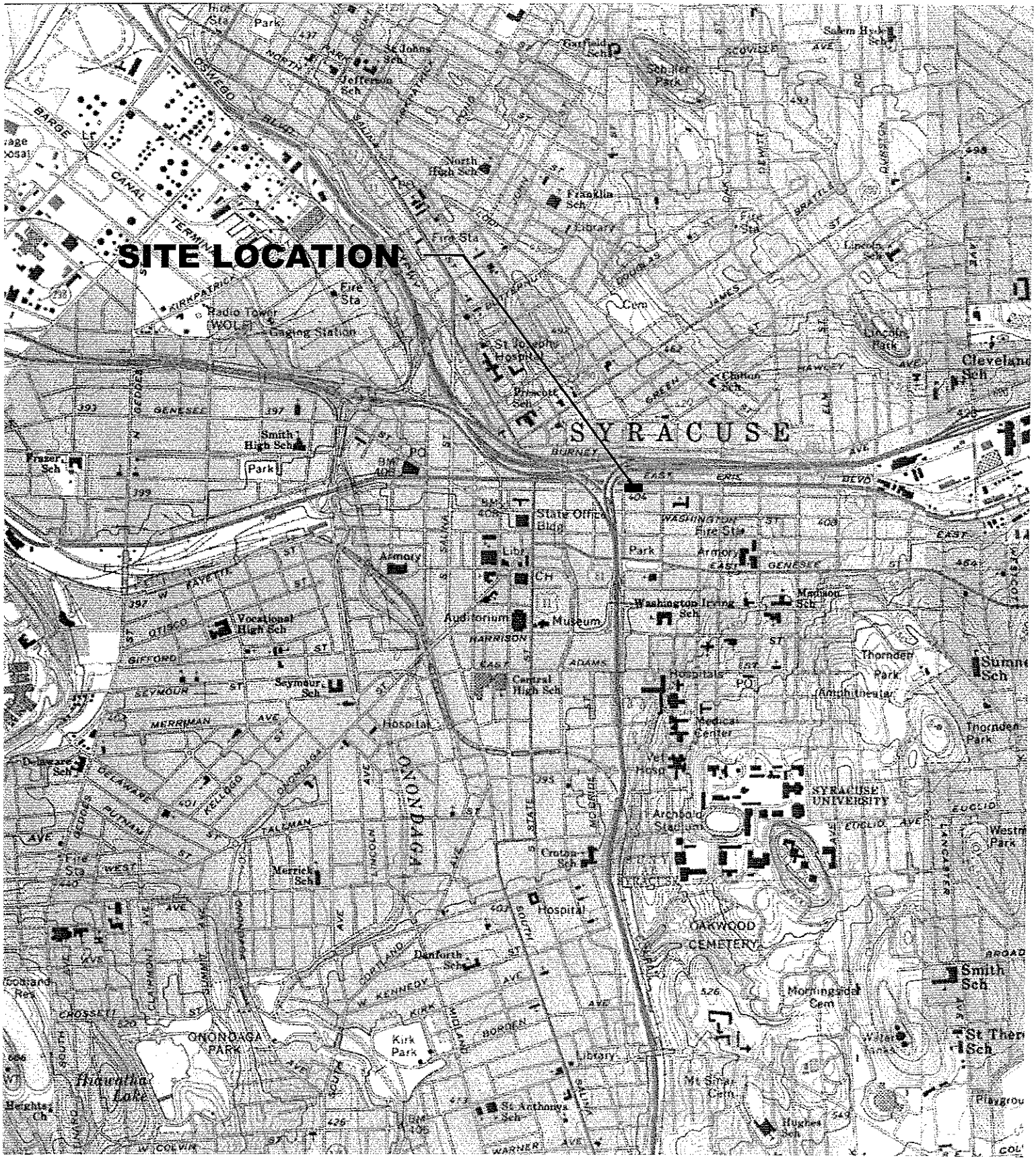

FIGURE 1 - LOCATION PLAN

700 Out Parcel, LLC
701–709 East Water Street
Syracuse, New York

UST Closure Report

Scale: 1" = 2,000'

06920.004

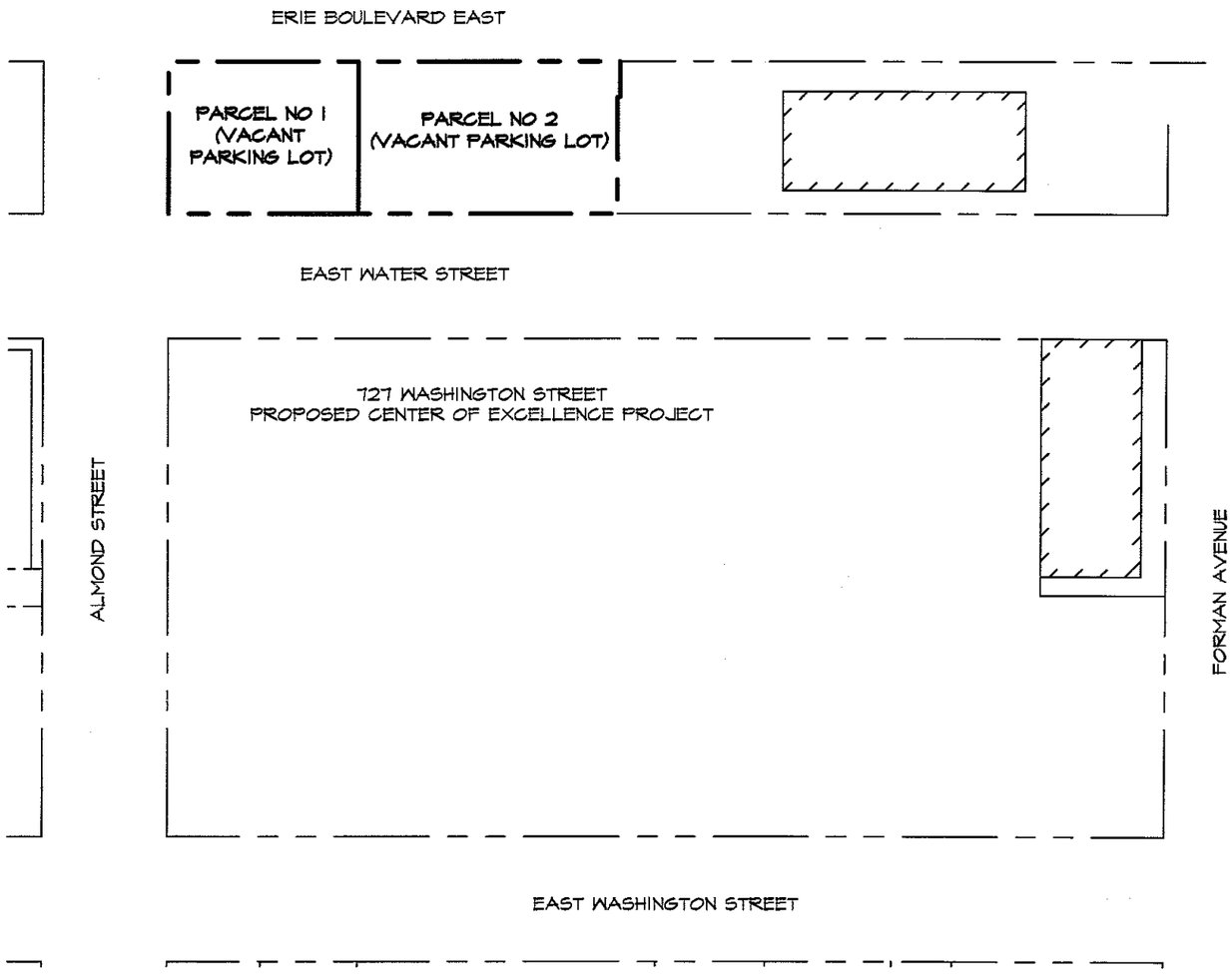

FIGURE 2 - PROPERTY BOUNDARY SKETCH

700 Out Parcel, LLC
701–709 East Water Street
Syracuse, New York

UST Closure Report

Scale: 1" = 80'

Notes:

1. (1) Indicates the location and direction of photographs taken at the site.
2. Property Boundary Sketch prepared to show general arrangement of property for UST Closure Report. Do not use for any other purpose.

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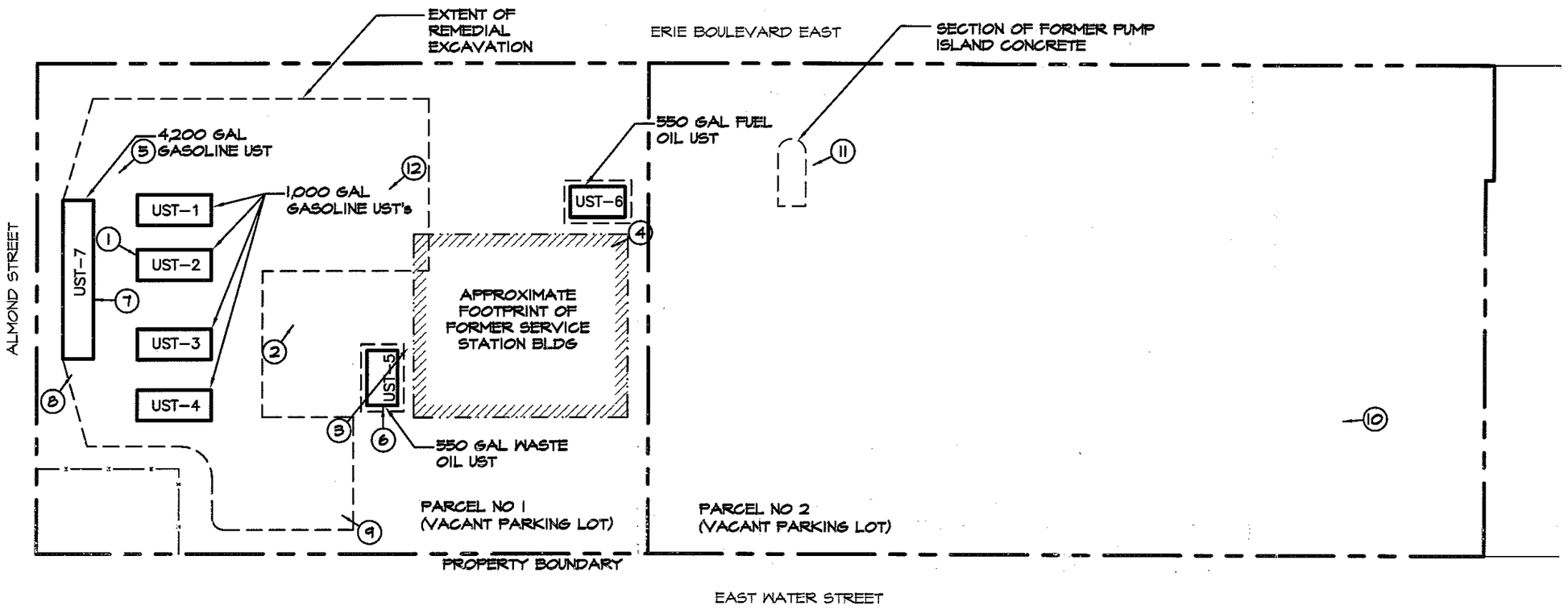


LEGEND

- UST-1 — UNDERGROUND STORAGE TANK (UST) W/ NUMERIC IDENTIFICATION
- EXTENT OF REMEDIAL EXCAVATION
- APPROXIMATE FOOTPRINT OF FORMER SERVICE STATION BLDG
- PROPERTY BOUNDARY
- FENCE

06920.004

FIGURE 3 - SITE PLAN - PARCEL IV W/ UST LOCATIONS & REMEDIAL EXCAVATION LIMITS

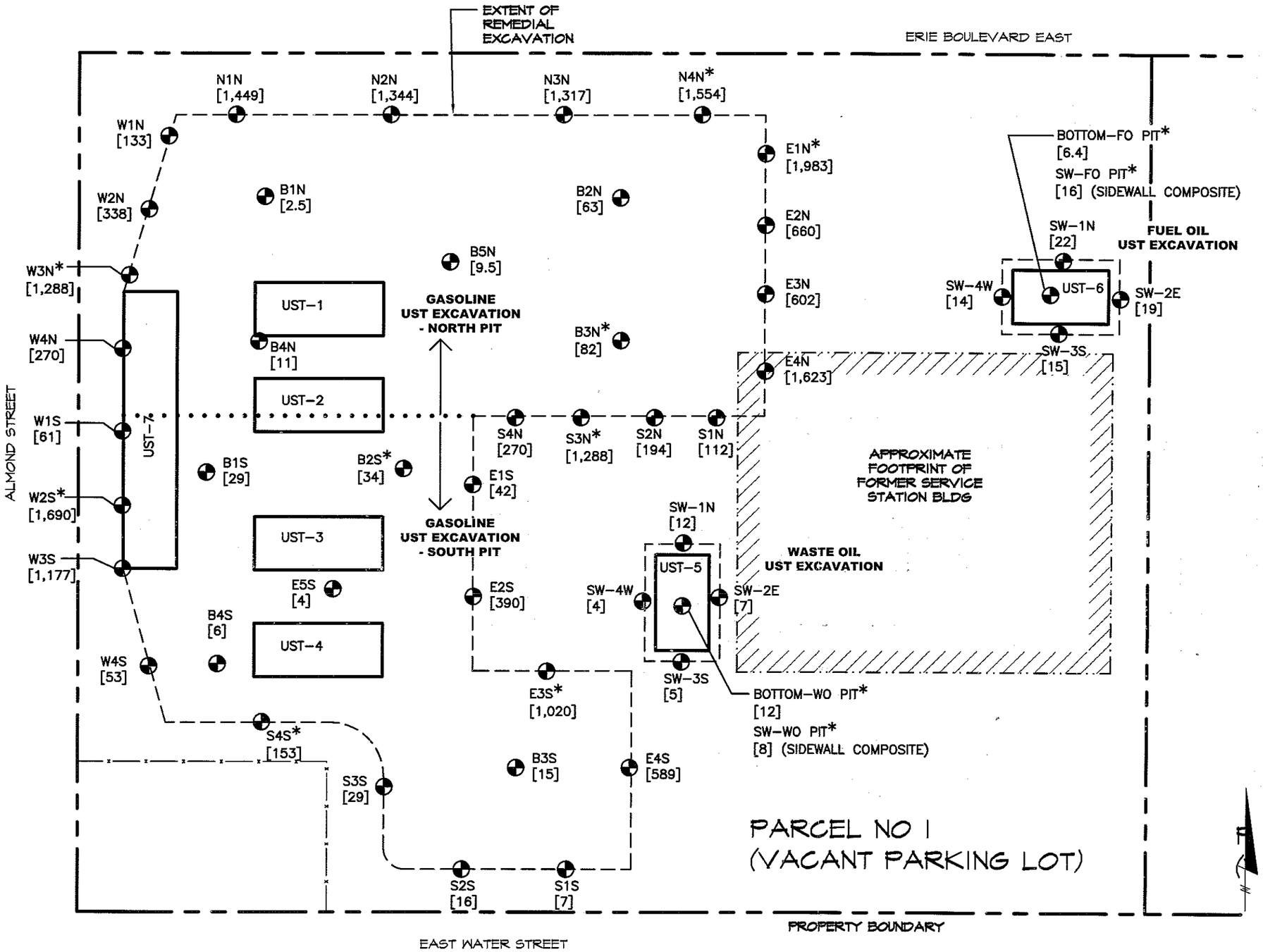
700 Out Parcel, LLC
701–709 East Water Street
Syracuse, New York

UST Closure Report

Scale: 1" = 20'

Notes:

1. (1) Indicates the location and direction of photographs taken at the site.
2. Property Boundary Sketch prepared to show general arrangement of property for UST Closure Report. Do not use for any other purpose.



LEGEND

- S4N [270] — SOIL GRAB SAMPLE W/ HEADSPACE PID CONCENTRATION IN PART PER MILLION (PPM) - SUFFIX N=NORTH EXCAVATION PIT S=SOUTH EXCAVATION PIT
- S4S* [153] — POST-EXCAVATION SOIL SAMPLE LOCATION SUBMITTED FOR LABORATORY ANALYSIS
- DEMARCATION LINE BETWEEN NORTHERN & SOUTHERN UST PITS
- UST-1 — UNDERGROUND STORAGE TANK (UST) W/ NUMERIC IDENTIFICATION
- EXTENT OF REMEDIAL EXCAVATION
- APPROXIMATE FOOTPRINT OF FORMER SERVICE STATION BLDG
- PROPERTY BOUNDARY
- FENCE

FIGURE 4 - POST-EXCAVATION SOIL SAMPLE LOCATIONS FOR UST PITS

700 Out Parcel, LLC
701–709 East Water Street
Syracuse, New York

UST Closure Report
Scale: 1" = 10'

Notes:

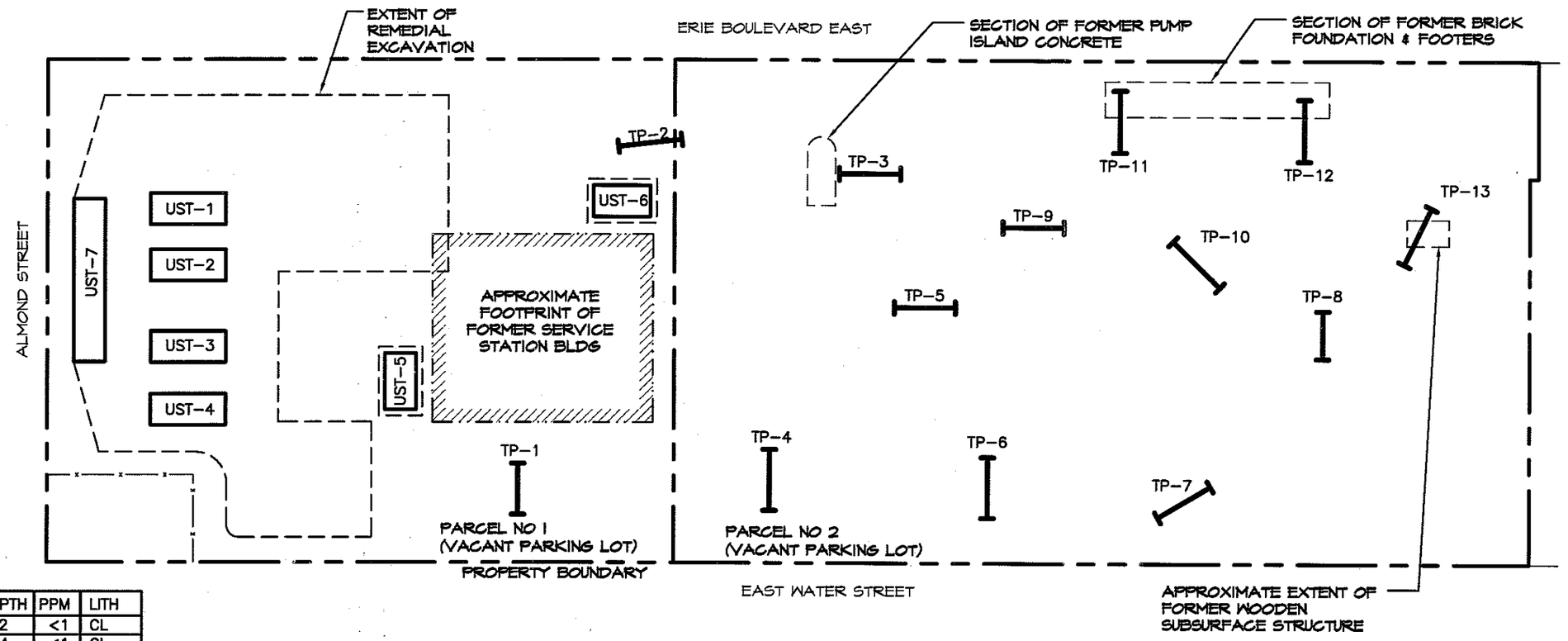
1. (1) Indicates the location and direction of photographs taken at the site.
2. Property Boundary Sketch prepared to show general arrangement of property for UST Closure Report. Do not use for any other purpose.

06920.004

TEST PIT SCHEDULE

TEST PIT	DEPTH	PPM	LITH
TP-1	2	6	GC
	5	7	ML
	9.5	237	ML
	11	1,439	GP
	12	85	ML
	13	44	ML
	14.5	41	ML
TP-2	3	3.5	GC
	5	2.8	PEAT
	9.5	2.5	ML/CL
	10.5	193	GP
	12.7	1,732	GP
	14	70	ML
	16	1.8	GC
TP-3	2.5	1.4	GC
	4.5	26	PEAT
	7	5	ML/CL
	9	3.2	ML/CL
	12.5	11.2	GP
	14.5	1.0	GC
TP-4	3	1.5	GC
	5	1.8	ML
	7	1.5	ML
	10.5	32	GP
	12.5	1,970	GP
	14	79	ML
	16	39	GC
TP-5	3.5	1.9	GC
	6	39	ML
	11	42	GP
	13	49	GP
	14.5	15	ML
	15	1.5	GC
TP-6	2.5	4	GC
	7	4.2	ML/CL
	10	3	ML/CL
	12	350	GP
	14	4.5	ML
	16	4.4	GC
TP-7	2	<1	SM
	4	<1	CL
	6	<1	ML
	8	<1	ML
	10	<1	ML
	12	4.5	GP
	13	1.5	ML
	15	<1	GC
TP-8	2	<1	GC
	4	<1	PEAT
	6	<1	ML
	8	<1	CL
	10	<1	ML
	12	<1	GP
	14	<1	ML
	15.5	<1	GC
TP-9	2	4	CL
	4	2	CL
	4.5-5.5	24	PEAT
	6	5	CL
	8	73	ML
	10	1,530	SP
	12	367	GP
	14	3	GC
	15.5	3	GC

TEST PIT	DEPTH	PPM	LITH
TP-10	2	<1	CL
	4	<1	CL
	4.5-5.5	<1	PEAT
	6	<1	CL
	8	<1	ML
	10	<1	ML
	12	17	GP
	13.5	19	GP
	14	1.5	GC
	15.5	<1	GC
TP-11	2	<1	GC
	4	<1	ML
	6	<1	ML
	8	3.5	ML
	10	2,000+	GP
	12	1,594	GP
	14	5	ML
	15.5	4.5	GC
TP-12	2	<1	GC
	4	2.7	PEAT
	6	4.3	PEAT
	8	<1	CL
	10	4.9	ML
	12	93	GP
	13	18	GP
	15	<1	GC
TP-13	2	<1	CL
	4	<1	ML
	6	<1	ML
	7	<1	ML
	8	<1	CL
	10	1.5	SP
	12	<1	SP
	14	<1	GC



LEGEND

UST-3 — LOCATION OF FORMER UNDERGROUND STORAGE TANK REMOVED AS PART OF THIS INVESTIGATION W/ NUMERIC IDENTIFICATION.

TP-6 — TEST PIT TRENCH LOCATION & ORIENTATION W/ NUMERIC IDENTIFICATION

TEST PIT	DEPTH	PPM	LITH

TEST PIT SCHEDULE DATA BOX

- LITH: SOIL LITHOLOGIC DESIGNATION USING THE UNIFIED SOIL CLASSIFICATION SYSTEM (SEE ATTACHMENT C)
- PPM: TOTAL VOC HEADSPACE SOIL CONCENTRATION IN PARTS PER MILLION (PPM)
- DEPTH: SOIL SAMPLE COLLECTION DEPTH IN FEET BELOW GROUND SURFACE
- TEST PIT: TEST PIT NUMERIC IDENTIFICATION

FIGURE 5 - TEST PIT LOCATIONS & RESULTS OF SOIL SAMPLE HEADSPACE ANALYSES

700 Out Parcel, LLC
701-709 East Water Street
Syracuse, New York

UST Closure Report

Scale: 1" = 20'

Notes:

1. (1) Indicates the location and direction of photographs taken at the site.
2. Property Boundary Sketch prepared to show general arrangement of property for UST Closure Report. Do not use for any other purpose.

TABLES

BEARDSLEY DESIGN ASSOCIATES

Architecture, Engineering & Landscape Architecture, P.C.

TABLE 1 SUMMARY OF POST-EXCAVATION SOIL SAMPLES
DECEMBER 2006 UST CLOSURE REPORT
FORMER GASOLINE SERVICE STATION, 700 OUTPARCELS,
ALMOND AND WATER STREETS, SYRACUSE, NEW YORK

Sample Number	Depth (feet bgs)	Headspace Total VOC Concentration (ppm)	Soil Description[a]
FORMER GASOLINE UST FIELD- NORTH EXCAVATION PIT			
N1N	10	1,449	GP
N2N	10	1,344	GP
N3N	10	1,317	GP
N4N*	10	1,554	GP
E1N*	8	1,983	ML
E2N	8	660	ML
E3N	8	602	ML
E4N	8	1,623	ML
S1N	10	112	GP
S2N	10	194	GP
S3N*	10	1,191	GP
S4N	10	148	GP
W1N	10	133	GP
W2N	10	338	GP
W3N*	10	1,288	GP
W4N	7	270	ML
B1N	14-15	2.5	ML
B2N	14-15	63	ML
B3N*	14-15	82	ML
B4N	14-15	11	ML
B5N	14-15	9.5	ML

(a) All soil samples were described using the Unified Soil Classification System.

NOTE: * = Soil sample was retained for laboratory analysis.

BDA BEARDSLEY DESIGN ASSOCIATES
Architecture, Engineering & Landscape Architecture, P.C.

TABLE 1 SUMMARY OF POST-EXCAVATION SOIL SAMPLES (CONTINUED)

Sample Number	Depth (feet bgs)	Headspace Total VOC Concentration (ppm)	Soil Description[a]
FORMER GASOLINE UST FIELD- SOUTH EXCAVATION PIT			
E1S	10	42	ML
E2S	10	390	ML
E3S	10	1,020	ML
E4S*	10	589	ML
S1S	10	7	GP
S2S	10	16	GP
S3S	10	29	GP
S4S*	10	153	GP
W1S	8.5	61	GP
W2S*	9	1,690	GP
W3S	8.5	1,177	GP
W4S	9.5	53	ML
B1S	14-15	29	ML
B2S*	14-15	34	ML
B3S	14-15	15	ML
B4S	14-15	6	ML
B5S	14-15	4	ML

(b) All soil samples were described using the Unified Soil Classification System.

NOTE: * = Soil sample was retained for laboratory analysis.

BEARDSLEY DESIGN ASSOCIATES
Architecture, Engineering & Landscape Architecture, P.C.

TABLE 1 SUMMARY OF POST-EXCAVATION SOIL SAMPLES (CONTINUED)

Sample Number	Depth (feet bgs)	Headspace Total VOC Concentration (ppm)	Soil Description[a]
FORMER FUEL OIL UST PIT			
SW-1N	5-6	22	Peat/ML
SW-2E	5-6	19	Peat/ML
SW-3S	5-6	15	Peat/ML
SW-4W	5-6	14	Peat/ML
FO-SW*	5-6	16	Peat/ML
Bottom- FO Pit*	5-6	6.4	ML
FORMER WASTE OIL UST PIT			
SW-1N	6	12	Peat/ML
SW-2E	6	7	Peat/ML
SW-3S	6	5	Peat/ML
SW-4W	6	4	Peat/ML
WO-SW*	6	8	Peat/ML
Bottom- WO Pit*	9	12	ML

(c) All soil samples were described using the Unified Soil Classification System.

NOTE: * = Soil sample was retained for laboratory analysis.

BEARDSLEY DESIGN ASSOCIATES

Architecture, Engineering & Landscape Architecture, P.C.

TABLE 2 SUMMARY OF ANALYTICAL RESULTS FOR POST-EXCAVATION SOIL SAMPLES COLLECTED FROM NORTH EXCAVATION PIT OF THE GASOLINE UST FIELD, WOODBINE GROUP, 700 OUTPARCELS, SYRACUSE, NEW YORK

Compound	North Sidewall	East Sidewall	South Sidewall	West Sidewall	Excavation Bottom	TAGM Cleanup Objectives[a]
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260 (ppb)						
Benzene	ND<2,000	ND<2,000	ND<200	ND<5	ND<5	60
Toluene	ND<2,000	**12,000**	ND<200	ND<5	ND<5	1,500
Ethylbenzene	7,300	14,000	360	ND<5	ND<5	NA
Total Xylenes	**34,000**	**81,000**	**1,400**	24	ND<10	1,200
Total BTEX	41,300	107,000	1,760	24	ND	NA
Isopropylbenzene	ND<2,000	ND<2,000	ND<200	ND<5	ND<5	5,000
4-Isopropyltoluene	ND<2,000	ND<2,000	ND<200	9.6	ND<5	NA
Methyl Tert-Butyl Ether	ND<2,000	ND<2,000	ND<200	ND<5	ND<5	120
Naphthalene	4,600	6,200	620	ND<5	ND<5	13,000
n-Propylbenzene	5,600	5,300	ND<200	5.6	ND<5	14,000
1,2,4-trimethylbenzene	**35,000**	**34,000**	1,100	9.6	ND<5	13,000
1,3,5-trimethylbenzene	**12,000**	**11,000**	320	49	ND<5	3,300
Total VOCs	98,500	163,500	3,800	97.8	ND	NA
SEMI-VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8270 (ppb)						
Acenaphthylene	ND<1,000	ND<200	ND<200	ND<200	ND<200	41,000
Anthracene	ND<1,000	ND<200	ND<200	ND<200	ND<200	50,000
Benzo(a)anthracene	ND<1,000	ND<200	ND<200	ND<200	ND<200	224
Benzo(b)fluoranthene	ND<1,000	ND<200	ND<200	ND<200	ND<200	1,100
Benzo(g,h,i)perylene	ND<1,000	ND<200	ND<200	ND<200	ND<200	50,000
Benzo(k)fluoranthene	ND<1,000	ND<200	ND<200	ND<200	ND<200	1,100
Benzo(a)pyrene	ND<1,000	ND<200	ND<200	ND<200	ND<200	61
Chrysene	ND<1,000	ND<200	ND<200	ND<200	ND<200	400
Dibenzofuran	ND<1,000	ND<200	ND<200	ND<200	ND<200	6,200
Dibenz(a,h)anthracene	ND<1,000	ND<200	ND<200	ND<200	ND<200	14
Fluorene	ND<1,000	ND<200	ND<200	ND<200	ND<200	50,000
Fluoranthene	ND<1,000	ND<200	ND<200	ND<200	ND<200	50,000
Indeno(1,2,3-cd)pyrene	ND<1,000	ND<200	ND<200	ND<200	ND<200	3,200
2-Methylnaphthlene	ND<1,000	ND<200	ND<200	ND<200	ND<200	NA
4-Methylphenol	ND<1,000	ND<200	ND<200	ND<200	ND<200	900
Naphthalene	ND<1,000	ND<200	ND<200	ND<200	ND<200	13,000
Phenanthrene	ND<1,000	ND<200	ND<200	ND<200	ND<200	50,000
Pyrene	ND<1,000	ND<200	ND<200	ND<200	ND<200	50,000
Total SVOCs	ND	ND	ND	ND	ND	NA

(a) In accordance with cleanup objectives in NYSDEC Division TAGM, *Determination of Soil Cleanup Objectives and Cleanup Levels* (NYSDEC 1994).

NOTE: TAGM = Technical Administrative Guidance Memorandum.
EPA = U.S. Environmental Protection Agency.
ND = Analyzed but not detected at concentration above reporting limit.
NA = Not applicable.
NYSDEC = New York State Department of Environmental Conservation.
Concentrations in **BOLD** indicate an exceedance of TAGM soil cleanup objectives.

BEARDSLEY DESIGN ASSOCIATES

Architecture, Engineering & Landscape Architecture, P.C.

TABLE 3 SUMMARY OF ANALYTICAL RESULTS FOR POST-EXCAVATION SOIL SAMPLES COLLECTED FROM SOUTH EXCAVATION PIT OF THE GASOLINE UST FIELD, WOODBINE GROUP, 700 OUTPARCELS, SYRACUSE, NEW YORK

Compound	North Sidewall	East Sidewall	South Sidewall	West Sidewall	Excavation Bottom	TAGM Cleanup Objectives[a]
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260 (ppb)						
Benzene	NA	ND<200	ND<200	ND<1,000	ND<5	60
Toluene	NA	ND<200	ND<200	ND<1,000	ND<5	1,500
Ethylbenzene	NA	ND<200	ND<200	ND<1,000	ND<5	NA
Total Xylenes	NA	ND<700	ND<700	ND<4,000	ND<10	1,200
Total BTEX	NA	ND	ND	ND	ND	NA
Isopropylbenzene	NA	ND<200	ND<200	ND<1,000	15	5,000
4-Isopropyltoluene	NA	ND<200	ND<200	ND<1,000	6	NA
Methyl Tert-Butyl Ether	NA	ND<200	ND<200	ND<1,000	ND<5	120
Naphthalene	NA	ND<200	ND<200	ND<4,000	12	13,000
n-Propylbenzene	NA	ND<200	ND<200	2,100	33	14,000
1,2,4-trimethylbenzene	NA	ND<200	ND<200	9,100	13	13,000
1,3,5-trimethylbenzene	NA	ND<200	ND<200	1,800	62	3,300
Total VOCs	NA	ND	ND	13,000	128	NA
SEMI-VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8270 (ppb)						
Acenaphthylene	NA	ND<200	ND<1,000	ND<1,000	ND<200	41,000
Anthracene	NA	ND<200	ND<1,000	ND<1,000	ND<200	50,000
Benzo(a)anthracene	NA	ND<200	ND<1,000	ND<1,000	ND<200	224
Benzo(b)fluoranthene	NA	ND<200	ND<1,000	ND<1,000	ND<200	1,100
Benzo(g,h,i)perylene	NA	ND<200	ND<1,000	ND<1,000	ND<200	50,000
Benzo(k)fluoranthene	NA	ND<200	ND<1,000	ND<1,000	ND<200	1,100
Benzo(a)pyrene	NA	ND<200	ND<1,000	ND<1,000	ND<200	61
Chrysene	NA	ND<200	ND<1,000	ND<1,000	ND<200	400
Dibenzofuran	NA	ND<200	ND<1,000	ND<1,000	ND<200	6,200
Dibenz(a,h)anthracene	NA	ND<200	ND<1,000	ND<1,000	ND<200	14
Fluorene	NA	ND<200	ND<1,000	ND<1,000	ND<200	50,000
Fluoranthene	NA	ND<200	ND<1,000	1,600	ND<200	50,000
Indeno(1,2,3-cd)pyrene	NA	ND<200	ND<1,000	ND<1,000	ND<200	3,200
2-Methylnaphthlene	NA	ND<200	ND<1,000	ND<1,000	ND<200	NA
4-Methylphenol	NA	ND<200	ND<1,000	ND<1,000	ND<200	900
Naphthalene	NA	ND<200	ND<1,000	ND<1,000	ND<200	13,000
Phenanthrene	NA	ND<200	ND<1,000	1,300	ND<200	50,000
Pyrene	NA	ND<200	ND<1,000	1,300	ND<200	50,000
Total SVOCs	NA	ND	ND	4,200	ND	NA

(a) In accordance with cleanup objectives in NYSDEC Division TAGM, *Determination of Soil Cleanup Objectives and Cleanup Levels* (NYSDEC 1994).

NOTE: TAGM = Technical Administrative Guidance Memorandum.
EPA = U.S. Environmental Protection Agency.
ND = Analyzed but not detected at concentration above reporting limit.
NA = Not applicable.
NYSDEC = New York State Department of Environmental Conservation.
Concentrations in **BOLD** indicate an exceedance of TAGM soil cleanup objectives.

BEARDSLEY DESIGN ASSOCIATES

Architecture, Engineering & Landscape Architecture, P.C.

TABLE 4 SUMMARY OF ANALYTICAL RESULTS FOR POST-EXCAVATION SOIL SAMPLES COLLECTED FROM THE WASTE OIL AND FUEL OIL EXCAVATION PITS, WOODBINE GROUP, 700 OUTPARCELS, SYRACUSE, NEW YORK

Compound	Waste Oil UST Pit		Fuel Oil UST Pit		TAGM Cleanup Objectives[a]
	WO-SW Sidewall Composite	Bottom-WO Pit	FO-SW Sidewall Composite	Bottom-FO Pit	
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260 (ppb)					
Benzene	ND<200	ND<5	ND<10	ND<5	60
Toluene	220	ND<5	ND<10	ND<5	1,500
Ethylbenzene	ND<200	ND<5	ND<10	ND<5	NA
Total Xylenes	**1,300**	ND<10	ND<30	ND<10	1,200
Total BTEX	1,520	ND	ND	ND	NA
Isopropylbenzene	ND<200	ND<5	ND<10	ND<5	5,000
4-Isopropyltoluene	ND<200	ND<5	ND<10	ND<5	NA
Methyl Tert-Butyl Ether	ND<200	ND<5	ND<10	ND<5	120
Naphthalene	920	ND<5	ND<10	ND<5	13,000
n-Propylbenzene	ND<200	ND<5	ND<10	ND<5	14,000
1,2,4-trimethylbenzene	1,200	8.2	ND<10	ND<5	13,000
1,3,5-trimethylbenzene	460	ND<5	ND<10	ND<5	3,300
Total VOCs	4,100	8.2	ND	ND	NA
SEMI-VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8270 (ppb)					
Acenaphthylene	ND<1,000	ND<200	ND<200	ND<200	41,000
Anthracene	ND<1,000	ND<200	ND<200	ND<200	50,000
Benzo(a)anthracene	ND<1,000	ND<200	ND<200	ND<200	224
Benzo(b)fluoranthene	ND<1,000	ND<200	ND<200	ND<200	1,100
Benzo(g,h,i)perylene	ND<1,000	ND<200	ND<200	ND<200	50,000
Benzo(k)fluoranthene	ND<1,000	ND<200	ND<200	ND<200	1,100
Benzo(a)pyrene	ND<1,000	ND<200	ND<200	ND<200	61
Chrysene	ND<1,000	ND<200	ND<200	ND<200	400
Dibenzofuran	ND<1,000	ND<200	ND<200	ND<200	6,200
Dibenz(a,h)anthracene	ND<1,000	ND<200	ND<200	ND<200	14
Fluorene	ND<1,000	ND<200	ND<200	ND<200	50,000
Fluoranthene	1,100	ND<200	ND<200	ND<200	50,000
Indeno(1,2,3-cd)pyrene	ND<1,000	ND<200	ND<200	ND<200	3,200
2-Methylnaphthlene	ND<1,000	ND<200	ND<200	ND<200	NA
4-Methylphenol	ND<1,000	ND<200	ND<200	ND<200	900
Naphthalene	ND<1,000	ND<200	ND<200	ND<200	13,000
Phenanthrene	ND<1,000	ND<200	ND<200	ND<200	50,000
Pyrene	1,100	ND<200	ND<200	ND<200	50,000
Total SVOCs	2,200	ND	ND	ND	NA

(a) In accordance with cleanup objectives in NYSDEC Division TAGM, *Determination of Soil Cleanup Objectives and Cleanup Levels* (NYSDEC 1994).

NOTE: TAGM = Technical Administrative Guidance Memorandum.
EPA = U.S. Environmental Protection Agency.
ND = Analyzed but not detected at concentration above reporting limit.
NA = Not applicable.
NYSDEC = New York State Department of Environmental Conservation.
Concentrations in **BOLD** indicate an exceedance of TAGM soil cleanup objectives.

REFERENCES

REFERENCES

American Society for Testing and Materials, 1985. Standard D 2487-83, Classification of Soils for Engineering Purposes: Annual Book of ASTM Standards. Volume 04.08, p. 395-408.

Cadwell, D.H. and D.L. Pair. 1991. Surficial Geologic Map of New York State, Finger Lakes Sheet. New York State Museum-Geological Survey, Map and Chart Series No. 40.

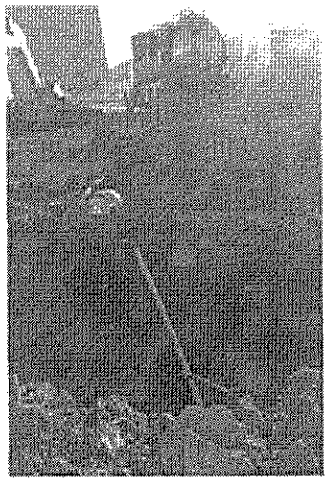
New York State Department of Environmental Conservation (NYSDEC). 1992. Spill Technology and Remediation Series Memorandum No. 1, Petroleum-Contaminated Soil Guidance Policy Toxicity Characteristic Leaching Procedure Alternative Guidance Values.

NYSDEC. 1994. Division Technical and Administrative Guidance Memorandum No. 4046, Determination of Soil Cleanup Objectives and Cleanup Levels. January.

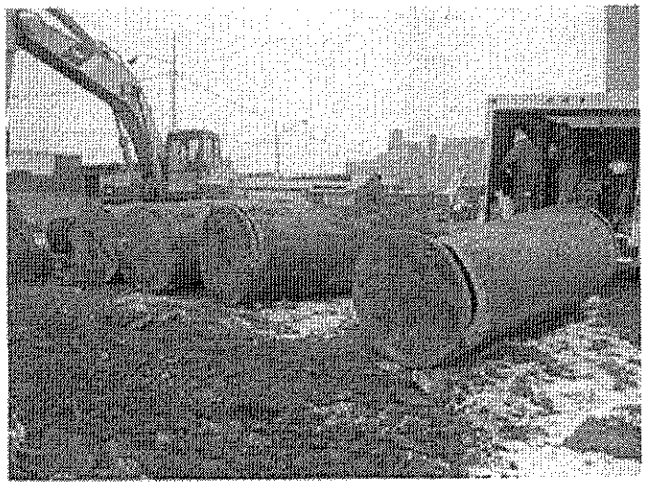
NYSDEC. 2000. Division Technical and Administrative Guidance Memorandum No. 4046, Addendum to the Determination of Soil Cleanup Objectives and Cleanup Levels. December.

ATTACHMENT A

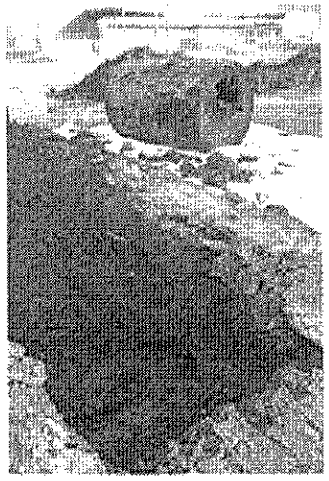
PHOTOGRAPHIC RECORD



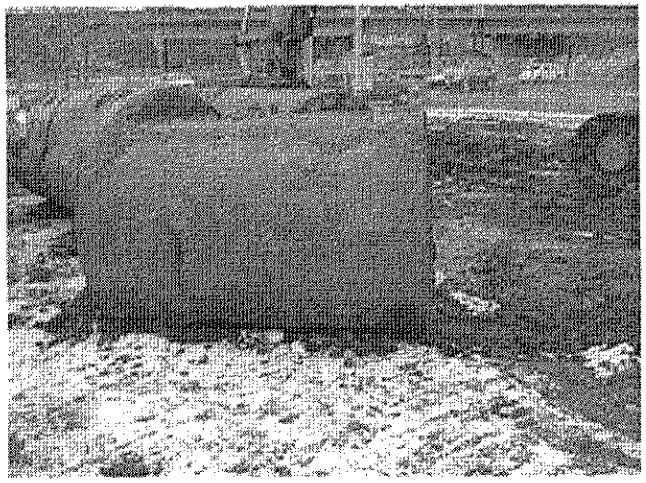
Photograph #1: Residual fluids are vacuumed from gasoline UST-2; Looking east-southeast.



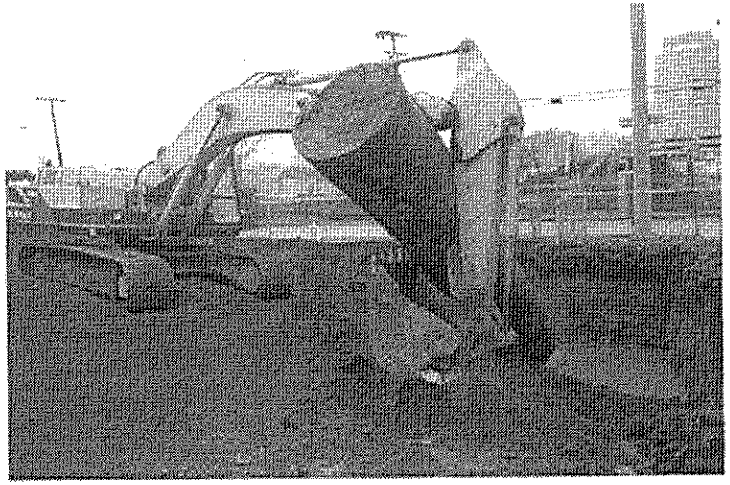
Photograph #2: From left to right, condition of gasoline USTs 1-4 upon removal; (fair/good) Looking northeast.



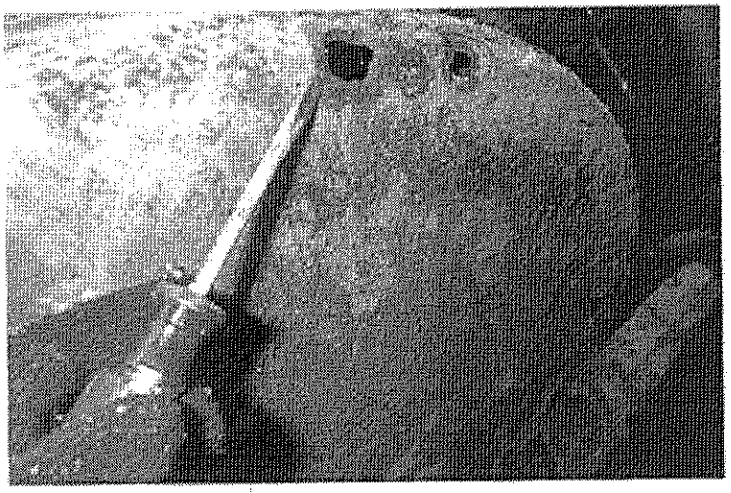
Photograph #3: Waste Oil UST pit in foreground and condition of UST-5 upon removal (background).



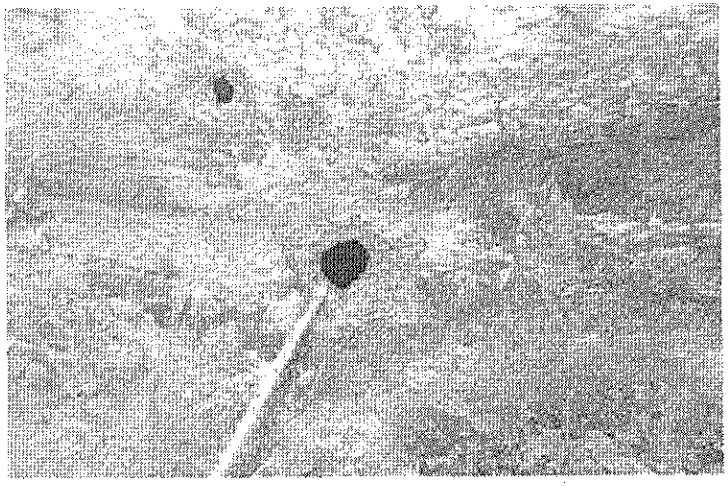
Photograph #4: Condition of UST-6 upon removal; Looking southwest.



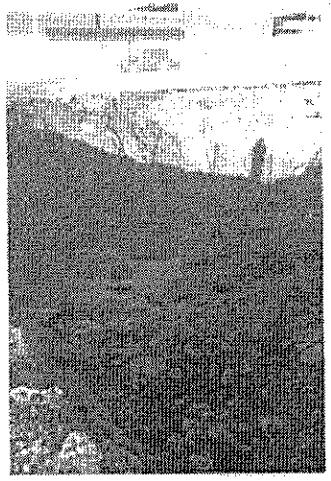
Photograph #5: Condition of UST-7 upon removal; Looking southwest.



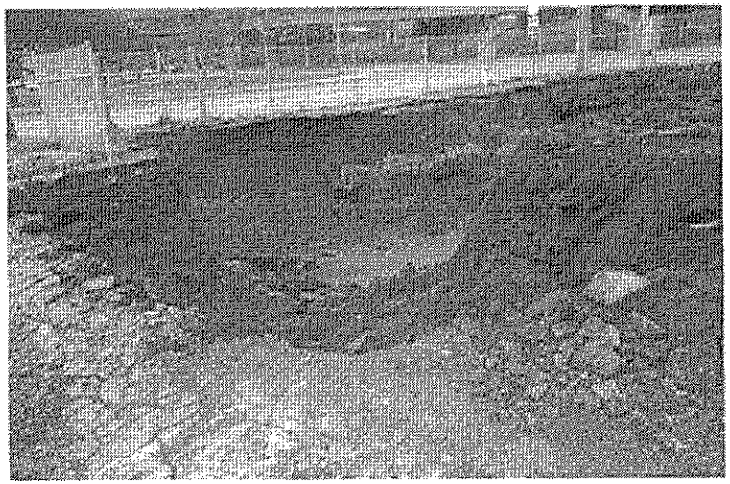
Photograph #6: Poor condition of UST-5; Numerous holes.



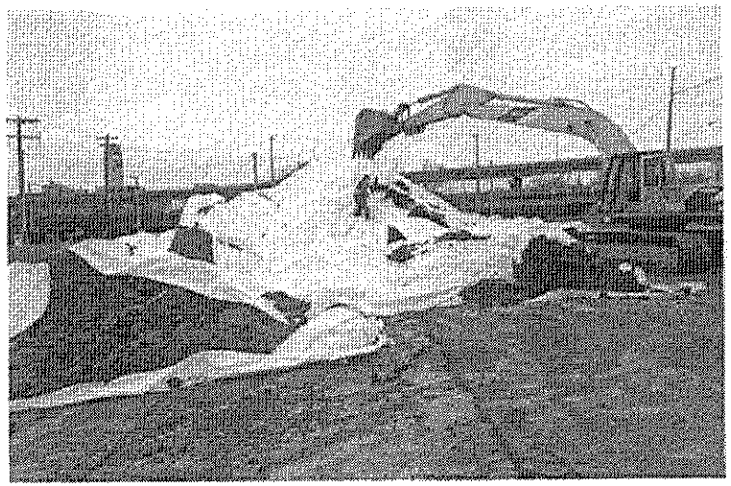
Photograph #7: Poor condition of UST-7; Numerous holes.



Photograph 8: Extent of remedial excavation at the northeastern side of the north excavation pit of the gasoline UST field; Looking north-northeast.



Photograph 9: Extent of remedial excavation at the southern side of the south excavation pit of the gasoline UST field; Looking west-northwest.



Photograph 10: Petroleum-impacted soil stockpile placed on and covered with polyethylene sheeting.

Photograph 11: Concrete slab remnant of a former pump island was uncovered adjacent to TP-3; Looking southwest.

Photograph 12: The gasoline, fuel oil, and waste oil UST cavities were filled with bank run gravel upon completion of remedial excavation activities.

ATTACHMENT B

BILL OF LADING RECEIPTS FOR FLUID DISPOSAL

NON-HAZARDOUS WASTE MANIFEST

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 9 5 7 3 N

2. Page 1 of 1

3. Generator's Name and Mailing Address
~~THE WOODBINE GROUP~~
505 EAST FAYETTE STREET
SYRACUSE NY 13202

701-709 EAST WATER ~~STREET~~
~~SYRACUSE NY 13210~~

4. Generator's Phone (315) 471-7400

5. Transporter 1 Company Name
ENVIRONMENTAL PROD & SVCS OF VT, INC.

6. US EPA ID Number

A. State Transporter's ID 76C51 VT

B. Transporter 1 Phone ~~(315) 471-0503~~

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
ENVIRONMENTAL PROD & SVCS OF VT, INC.
532 STATE FAIR BLVD.
SYRACUSE NY 13204

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone (315) 451-6666

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. WASTE NON-RCRA LIQUID, N.O.S. (PETROLEUM IMPACTED WATER)	1	T T	2159	G
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a.
b.
c.
d.

H. Handling Codes for Wastes Listed Above
a. S02
b.
c.
d.

15. Special Handling Instructions and Additional Information
JOB#N5066

Emerg. Phone #
(802) 862-1212

a. APPROVAL#1206010

GENERATOR

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: Doug Grendler
Signature:
Date: Month 12 Day 04 Year 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Richard Hadcock
Signature:
Date: Month 12 Day 04 Year 06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Tyler Cooper
Signature:
Date: Month 12 Day 4 Year 06

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 9 5 7 9 N

2. Page 1 of 1

3. Generator's Name and Mailing Address
THE WOODBINE GROUP
505 EAST FAYETTE STREET
SYRACUSE NY 13202

701-709 EAST WATER
SYRACUSE NY 13210

4. Generator's Phone (315) 471-7400

5. Transporter 1 Company Name
ENVIRONMENTAL PROD & SVCS OF VT, INC.

6. US EPA ID Number

A. State Transporter's ID 76C51-JVT

B. Transporter 1 Phone (315) 471-0503

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
ENVIRONMENTAL PROD & SVCS OF VT, INC.
532 STATE FAIR BLVD.
SYRACUSE NY 13204

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone (315) 451-6666

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. WASTE NON-RCRA LIQUID, N.O.S. (PETROLEUM IMPACTED WATER)	1	T T	2451	G
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a.
b.
c.
d.

H. Handling Codes for Wastes Listed Above
a. S02
b.
c.
d.

15. Special Handling Instructions and Additional Information
JOB#N5066

Emerg. Phone #
(802) 862-1212

a. APPROVAL#1206010

GENERATOR

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: Doug Gendron
Signature:
Date: Month 12 Day 04 Year 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Richard Badcock
Signature:
Date: Month 12 Day 04 Year 06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Tyler Cooper
Signature:
Date: Month 12 Day 04 Year 06

NON-HAZARDOUS WASTE

ATTACHMENT C

UNIFIED SOIL CLASSIFICATION SYSTEM
REFERENCE CHART

MAJOR DIVISIONS			GRAPH SYMBOL	LETTER SYMBOL	TYPICAL DESCRIPTIONS
COARSE GRAINED SOILS — MORE THAN 50 % OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	GRAVEL AND GRAVELLY SOILS — MORE THAN 50 % OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES
				GP	POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES
		GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GM	SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES
				GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
	SAND AND SANDY SOILS — MORE THAN 50% OF COARSE FRACTION PASSING NO. 4 SIEVE	CLEAN SAND (LITTLE OR NO FINES		SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
				SP	POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SM	SILTY SANDS, SAND-SILT MIXTURES
				SC	CLAYEY SANDS, SAND-CLAY MIXTURES
FINE GRAINED SOILS — MORE THAN 50 % OF MATERIAL IS SMALLER THAN NO 200 SIEVE SIZE	SILTS AND CLAYS — LIQUID LIMIT LESS THAN 50			ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS — LIQUID LIMIT GREATER THAN 50			MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
				CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
				OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS				PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

NOTE: DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS.

SOIL CLASSIFICATION CHART

UNIFIED SOIL CLASSIFICATION SYSTEM

ATTACHMENT D

LABORATORY ANALYTICAL RESULTS
WASTE CHARACTERIZATION SOIL SAMPLES

(CERTIFIED ENVIRONMENTAL SERVICES, INC.)

CES Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Seabird Environmental, Inc.
436 County Route 51
Mexico, NY 13114-
Attn: Mr. Steve Mahana

PROJECT NAME: 701-709 East Water St.
DATE: 01/08/2007

SAMPLE NUMBER- 470316 SAMPLE ID- PCS-1/Staged Soil Pile
DATE SAMPLED- 12/28/06
DATE RECEIVED- 12/28/06 SAMPLER- Steve Mahana
TIME RECEIVED- 1140 DELIVERED BY- Steve Mahana

SAMPLE MATRIX- SO
TIME SAMPLED- 1125
RECEIVED BY- RS
TYPE SAMPLE- Composite

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature				12/28/06		RS	5.8	Degrees C
TCLP Extraction	40CFR 1311			12/28/06		DG	Complete	
ZERO HEADSPACE EXTRACTION	40CFR 1311			12/28/06		DG	Complete	
FLASHPOINT	SW846 1010			12/29/06	1530	RRB	> 176	Degrees F
pH in Water (At 25 Degrees C)	SW846 9045			12/29/06	1030	MM	**8.31	std units
Percent Solids	EPA 160.3			12/29/06		MM	86.	%
TCLP Metals	SW846-6010	12/29/06	MM	01/02/07		KB		
Arsenic, TCLP	SW846-6010	12/29/06	MM	01/02/07		KB	< 0.50	mg/L
Barium, TCLP	SW846-6010	12/29/06	MM	01/02/07		KB	< 10.0	mg/L
Cadmium, TCLP	SW846-6010	12/29/06	MM	01/02/07		KB	< 0.10	mg/L
Chromium, TCLP	SW846-6010	12/29/06	MM	01/02/07		KB	< 0.50	mg/L
Lead, TCLP	SW846-6010	12/29/06	MM	01/02/07		KB	< 0.50	mg/L
Selenium, TCLP	SW846-6010	12/29/06	MM	01/02/07		KB	< 0.50	mg/L
Silver, TCLP	SW846-6010	12/29/06	MM	01/02/07		KB	< 0.50	mg/L
MERCURY, TCLP (HG)	EPA 245.1			12/29/06		MM	< 0.02	mg/L
PCB's in Sediment	EPA 8082	12/29/06	LRE	01/04/07		BLD		
Aroclor 1221	EPA 8082	12/29/06	LRE	01/04/07		BLD	< 0.5	mg/Kg
Aroclor 1232	EPA 8082	12/29/06	LRE	01/04/07		BLD	< 0.5	mg/Kg
Aroclor 1242/1016	EPA 8082	12/29/06	LRE	01/04/07		BLD	< 0.5	mg/Kg
Aroclor 1248	EPA 8082	12/29/06	LRE	01/04/07		BLD	< 0.5	mg/Kg
Aroclor 1254	EPA 8082	12/29/06	LRE	01/04/07		BLD	< 0.5	mg/Kg

The analytical results on this sample are representative of the sample as received by the Laboratory.

Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

CONTINUATION OF DATA FOR SAMPLE NUMBER 470316

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Aroclor 1260	EPA 8082	12/29/06	LRE	01/04/07		BLD	< 0.5	mg/Kg
TCLP VOLATILES	EPA 8260			12/29/06		LRE		
BENZENE, TCLP	EPA 8260			12/29/06		LRE	< 0.050	mg/L
CARBON TETRACHLORIDE, TCLP	EPA 8260			12/29/06		LRE	< 0.050	mg/L
CHLOROBENZENE, TCLP	EPA 8260			12/29/06		LRE	< 0.050	mg/L
CHLOROFORM, TCLP	EPA 8260			12/29/06		LRE	< 0.050	mg/L
1,2-DICHLOROETHANE, TCLP	EPA 8260			12/29/06		LRE	< 0.050	mg/L
1,1-DICHLOROETHENE, TCLP	EPA 8260			12/29/06		LRE	< 0.050	mg/L
METHYL ETHYL KETONE, TCLP	EPA 8260			12/29/06		LRE	< 0.20	mg/L
TETRACHLOROETHENE, TCLP	EPA 8260			12/29/06		LRE	< 0.050	mg/L
TRICHLOROETHENE, TCLP	EPA 8260			12/29/06		LRE	< 0.050	mg/L
VINYL CHLORIDE, TCLP	EPA 8260			12/29/06		LRE	< 0.20	mg/L
1,4-DICHLOROBENZENE, TCLP	EPA 8260			12/29/06		LRE	< 0.050	mg/L
SEMI-VOLATILES, TCLP	EPA 8270	12/29/06	DG	12/31/06		KEC		
NITROBENZENE, TCLP	EPA 8270	12/29/06	DG	12/31/06		KEC	< 0.10	mg/L
PYRIDINE, TCLP	EPA 8270	12/29/06	DG	12/31/06		KEC	< 0.10	mg/L
CRESOLS(TOTAL), TCLP	EPA 8270	12/29/06	DG	12/31/06		KEC	< 0.10	mg/L
2,4-DINITROTOLUENE, TCLP	EPA 8270	12/29/06	DG	12/31/06		KEC	< 0.10	mg/L
HEXACHLOROBENZENE, TCLP	EPA 8270	12/29/06	DG	12/31/06		KEC	< 0.10	mg/L
HEXACHLOROBUTADIENE, TCLP	EPA 8270	12/29/06	DG	12/31/06		KEC	< 0.10	mg/L
HEXACHLOROETHANE, TCLP	EPA 8270	12/29/06	DG	12/31/06		KEC	< 0.10	mg/L
PENTACHLOROPHENOL, TCLP	EPA 8270	12/29/06	DG	12/31/06		KEC	< 0.10	mg/L
2,4,5-TRICHLOROPHENOL, TCLP	EPA 8270	12/29/06	DG	12/31/06		KEC	< 0.10	mg/L
2,4,6-TRICHLOROPHENOL, TCLP	EPA 8270	12/29/06	DG	12/31/06		KEC	< 0.10	mg/L
TCLP PESTICIDES	EPA 8081	12/29/06	LRE	01/04/07		BLD		
CHLORDANE, TCLP	EPA 8081	12/29/06	LRE	01/04/07		BLD	< 0.02	mg/L
ENDRIN, TCLP	EPA 8081	12/29/06	LRE	01/04/07		BLD	< 0.005	mg/L
HEPTACHLOR, TCLP	EPA 8081	12/29/06	LRE	01/04/07		BLD	< 0.005	mg/L
HEPTACHLOR EPOXIDE, TCLP	EPA 8081	12/29/06	LRE	01/04/07		BLD	< 0.005	mg/L
LINDANE, TCLP	EPA 8081	12/29/06	LRE	01/04/07		BLD	< 0.005	mg/L
METHOXYCHLOR, TCLP	EPA 8081	12/29/06	LRE	01/04/07		BLD	< 0.02	mg/L

The analytical results on this sample are representative of the sample as received by the Laboratory.

CES Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

CONTINUATION OF DATA FOR SAMPLE NUMBER 470316

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
TOXAPHENE, TCLP	EPA 8081	12/29/06	LRE	01/04/07		BLD	< 0.02	mg/L
TCLP HERBICIDES	EPA 8151			01/05/07		BLD		
2,4-D, TCLP	EPA 8151			01/05/07		BLD	< 0.01	mg/L
2,4,5-TP (SILVEX), TCLP	EPA 8151			01/05/07		BLD	< 0.01	mg/L

**pH analyzed over hold time.

NYSDOH LAB ID NO. 11246 APPROVED BY: (Terms and Conditions on Reverse Side)

Patrick A. Leone, Jr.
Laboratory Director

The analytical results on this sample are representative of the sample as received by the Laboratory.

CHAIN OF CUSTODY RECORD

CES
Certified Environmental Services, Inc.
1401 Erie Blvd. East
Syracuse, NY 13210
Phone: 315-478-2374 Fax: 315-478-2107

BATCH NO: 90157

Page 1 of 1

Turn-Around Time:
- [x] Standard
- [ ] 1 Week
- [ ] 72 Hours
- [ ] 48 Hours
- [ ] 24 Hours

CLIENT NAME: SEABIRD ENVIRONMENTAL
ADDRESS: 436 County Rt 51
MEXICO NY 13114
PHONE: 963-7520
FAX: 342-0145
CONTACT NAME: STEVE MAHANA

PROJECT NUMBER/NAME: 701-709 EAST WATER ST
SYRACUSE NY

PURCHASE ORDER NO: 081-06

Sampler's Name: STEVE MAHANA Signature: Steve Mahana

LAB USE ONLY CES Sample Numbers	Collected Date	Collected Time	TYPE Comp.	TYPE Grab	MATRIX Aqueous	MATRIX Soil	MATRIX Other	CLIENT ID/SAMPLE LOCATION	TOTAL NUMBER OF CONTAINERS	PARAMETERS FOR ANALYSIS: TCLP Extraction/ZHE	VOCs	SVOCs	Metals	Pesticides/Herbicides	PCBs	Ignitability	Corrosivity (pH)	% Solids
470316	12/28	11:25	X			X		PCS-1 / STAGED SOIL PILE	2	✓	x	x	x	x	x	x	x	x
									2	TOTAL NUMBER OF CONTAINERS								

SPECIAL REMARKS:
All analyses required by Auburn Landfill's PCS Testing Protocol

SAMPLES RELINQUISHED BY:
NAME: STEVE MAHANA DATE: 12/27/06
SIGNATURE: Steve Mahana TIME: 11:40

NAME: DATE:
SIGNATURE: TIME:

SAMPLES RECEIVED BY:
NAME: DATE: 12/28/06
SIGNATURE: TIME: 1140

NAME: DATE:
SIGNATURE: TIME:

Samples Received in Good Condition:
- [ ] Yes
- [ ] No

Temperature 5.8 °C

White - CES's Copy • Canary - Return to Client With Report • Pink - Client's Initial Copy

CITY OF AUBURN DEPARTMENT OF MUNICIPAL UTILITIES
PETROLEUM CONTAMINATED SOIL TESTING PROTOCOL

- **Physical Characteristics**
  Corrosivity (pH) = Greater than 2 Std. Units and Less Than 12.5 Std. Units
  Ignitability (Flashpoint) = 60°C or 140°F Maximum
  % Solids = 20% Minimum

- **TCLP Laboratory Analysis (40 CFR 261)**

Maximum Concentration of Contaminants for Toxicity Characteristic (mg/L)

Arsenic	5.0
Barium	100.0
Benzene	0.5
Cadmium	1.0
Carbon tetrachloride	0.5
Chlordane	0.03
Chlorobenzene	100.0
Chloroform	6.0
Chromium	5.0
o-Cresol	200.0
m-Cresol	200.0
p-Cresol	200.0
Cresol	200.0
2,4-D	10.0
1,4-Dichlorobenzene	7.5
1,2-Dichloroethane	0.5
1,1-Dichloroethylene	0.7
2,4-Dinitrotoluene	0.13
Endrin	0.02
Heptachlor (and its hydroxide)	0.008

Hexachlorobenzene	0.13
Hexachlorobutadiene	0.5
Hexachloroethane	3.0
Lead	5.0
Lindane	0.4
Mercury	0.2
Methoxychlor	10.0
Methyl ethyl ketone	200.0
Nitrobenzene	2.0
Pentachlorophenol	100.0
Pyridine	5.0
Selenium	1.0
Silver	5.0
Tetrachloroethylene	0.7
Toxaphene	0.5
Trichloroethylene	0.5
2,4,5-Trichlorophenol	400.0
2,4,6-Trichlorophenol	2.0
2,4,5-TP (Silvex)	1.0
Vinyl Chloride	0.2

- **Total PCB Analysis:**
  - PCB's should be analyzed as "total" per EPA Method 8082 or equivalent.

- **Additional Testing Protocols (If Necessary):**
  - Sampling and testing protocols may be modified or increased at any time by the City of Auburn depending on the origin or nature of the material.

ATTACHMENT E

LABORATORY ANALYTICAL RESULTS
POST-EXCAVATION SOIL SAMPLES

(LIFE SCIENCE LABORATORIES, INC.)

Daniel Bishuk Jr.
Beardsley Design Associates
431 E. Fayette Street
Syracuse, NY 13202

Phone: (315) 472-6980
FAX: (315) 472-3523
Authorization: PO #06920.004

Laboratory Analysis Report

For

Beardsley Design Associates

Client Project ID:

Woodbine / Syr. - 700 Outparcels (Almond & Water)

LSL Project ID: **0621488**

Receive Date/Time: 12/12/06 12:18

Project Received by: RD

Life Science Laboratories, Inc.

(1) LSL Central Lab, East Syracuse, NY	(315) 445-1105	NYS DOH ELAP #10248 PA DEP #68-2556
(2) LSL North Lab, Waddington, NY	(315) 388-4476	NYS DOH ELAP #10900
(3) LSL Finger Lakes Lab, Wayland, NY	(585) 728-3320	NYS DOH ELAP #11667
(4) LSL Southern Tier Lab, Cuba, NY	(585) 968-2640	NYS DOH ELAP #10760
(5) LSL MidLakes Lab, Canandaigua, NY	(585) 396-0270	NYS DOH ELAP #11369
(6) LSL Brittonfield Lab, East Syracuse, NY	(315) 437-0200	NYS DOH ELAP #10155

This report was reviewed by: Cindy Cammarano, QA *Date:* 12/28/06

Life Science Laboratories, Inc.

A copy of this report was sent to:

Date Printed: 12/28/06

-- LABORATORY ANALYSIS REPORT --

Beardsley Design Associates *Syracuse, NY*

Sample ID: E. Sidewall - N. Pit - Grab **LSL Sample ID:** 0621488-001

Location:

Sampled: 12/11/06 8:15 **Sampled By:** DB

Sample Matrix: SHW Dry Wt, Soil

Analytical Method / Analyte	Result	Units	Prep Date	Analysis Date & Time	Analyst Initials
(5) NYS-DEC STARS 8021 Volatiles					
Benzene	<2000	ug/kg dry		12/15/06	PRV
n-Butylbenzene	<2000	ug/kg dry		12/15/06	PRV
sec-Butylbenzene	<2000	ug/kg dry		12/15/06	PRV
tert-Butylbenzene	<2000	ug/kg dry		12/15/06	PRV
Ethyl benzene	14000	ug/kg dry		12/15/06	PRV
Isopropylbenzene (Cumene)	<2000	ug/kg dry		12/15/06	PRV
4-Isopropyl toluene (Cymene)	<2000	ug/kg dry		12/15/06	PRV
MTBE	<2000	ug/kg dry		12/15/06	PRV
Naphthalene	6200	ug/kg dry		12/15/06	PRV
n-Propylbenzene	5300	ug/kg dry		12/15/06	PRV
Toluene	12000	ug/kg dry		12/15/06	PRV
1,2,4-Trimethylbenzene	34000	ug/kg dry		12/15/06	PRV
1,3,5-Trimethylbenzene	11000	ug/kg dry		12/15/06	PRV
Xylenes (Total)	81000	ug/kg dry		12/15/06	PRV
Surrogate (1,2-DCA-d4)	111	%R		12/15/06	PRV
Surrogate (Tol-d8)	89	%R		12/15/06	PRV
Surrogate (4-BFB)	96	%R		12/15/06	PRV
Total Solids @ 103-105 C	80	%		12/18/06	PRV
(1) NYS-DEC STARS 8270 Base/Neutrals					
Acenaphthene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Anthracene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(a)anthracene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(b)fluoranthene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(k)fluoranthene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(ghi)perylene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(a)pyrene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Chrysene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Dibenz(a,h)anthracene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Fluoranthene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Fluorene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Indeno(1,2,3-c,d)pyrene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Phenanthrene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Pyrene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Total Solids @ 103-105 C	80	%		12/18/06	PRV

Life Science Laboratories, Inc.

Date Printed: 12/28/06

Analysis performed at: *(1) LSL Central, (2) LSL North, (3) LSL Finger Lakes, (4) LSL Southern Tier, (5) LSL MidLakes, (6) LSL Brittonfield*

-- LABORATORY ANALYSIS REPORT --

Beardsley Design Associates *Syracuse, NY*

Sample ID: Bottom - N. Pit - Grab **LSL Sample ID:** 0621488-002

Location:

Sampled: 12/11/06 8:40 **Sampled By:** DB

Sample Matrix: SHW Dry Wt, Soil

Analytical Method / Analyte	Result	Units	Prep Date	Analysis Date & Time	Analyst Initials
(5) NYS-DEC STARS 8021 Volatiles					
Benzene	<5	ug/kg dry		12/15/06	PRV
n-Butylbenzene	<5	ug/kg dry		12/15/06	PRV
sec-Butylbenzene	<5	ug/kg dry		12/15/06	PRV
tert-Butylbenzene	<5	ug/kg dry		12/15/06	PRV
Ethyl benzene	<5	ug/kg dry		12/15/06	PRV
Isopropylbenzene (Cumene)	<5	ug/kg dry		12/15/06	PRV
4-Isopropyl toluene (Cymene)	<5	ug/kg dry		12/15/06	PRV
MTBE	<5	ug/kg dry		12/15/06	PRV
Naphthalene	<5	ug/kg dry		12/15/06	PRV
n-Propylbenzene	<5	ug/kg dry		12/15/06	PRV
Toluene	<5	ug/kg dry		12/15/06	PRV
1,2,4-Trimethylbenzene	<5	ug/kg dry		12/15/06	PRV
1,3,5-Trimethylbenzene	<5	ug/kg dry		12/15/06	PRV
Xylenes (Total)	<10	ug/kg dry		12/15/06	PRV
Surrogate (1,2-DCA-d4)	105	%R		12/15/06	PRV
Surrogate (Tol-d8)	94	%R		12/15/06	PRV
Surrogate (4-BFB)	123	%R		12/15/06	PRV
Total Solids @ 103-105 C	84	%		12/18/06	PRV
(1) NYS-DEC STARS 8270 Base/Neutrals					
Acenaphthene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Anthracene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(a)anthracene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(b)fluoranthene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(k)fluoranthene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(ghi)perylene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(a)pyrene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Chrysene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Dibenz(a,h)anthracene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Fluoranthene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Fluorene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Indeno(1,2,3-c,d)pyrene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Phenanthrene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Pyrene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Total Solids @ 103-105 C	84	%		12/18/06	PRV

-- LABORATORY ANALYSIS REPORT --

Beardsley Design Associates *Syracuse, NY*

Sample ID: S. Sidewall - N. Pit - Grab **LSL Sample ID:** 0621488-003

Location:

Sampled: 12/11/06 9:00 **Sampled By:** DB

Sample Matrix: SHW Dry Wt, Soil

Analytical Method / Analyte	Result	Units	Prep Date	Analysis Date & Time	Analyst Initials
(5) NYS-DEC STARS 8021 Volatiles					
Benzene	<200	ug/kg dry		12/18/06	PRV
n-Butylbenzene	<200	ug/kg dry		12/18/06	PRV
sec-Butylbenzene	<200	ug/kg dry		12/18/06	PRV
tert-Butylbenzene	<200	ug/kg dry		12/18/06	PRV
Ethyl benzene	360	ug/kg dry		12/18/06	PRV
Isopropylbenzene (Cumene)	<200	ug/kg dry		12/18/06	PRV
4-Isopropyl toluene (Cymene)	<200	ug/kg dry		12/18/06	PRV
MTBE	<200	ug/kg dry		12/18/06	PRV
Naphthalene	620	ug/kg dry		12/18/06	PRV
n-Propylbenzene	<200	ug/kg dry		12/18/06	PRV
Toluene	<200	ug/kg dry		12/18/06	PRV
1,2,4-Trimethylbenzene	1100	ug/kg dry		12/18/06	PRV
1,3,5-Trimethylbenzene	320	ug/kg dry		12/18/06	PRV
Xylenes (Total)	1400	ug/kg dry		12/18/06	PRV
Surrogate (1,2-DCA-d4)	104	%R		12/18/06	PRV
Surrogate (Tol-d8)	91	%R		12/18/06	PRV
Surrogate (4-BFB)	96	%R		12/18/06	PRV
Total Solids @ 103-105 C	95	%		12/18/06	PRV
(1) NYS-DEC STARS 8270 Base/Neutrals					
Acenaphthene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Anthracene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(a)anthracene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(b)fluoranthene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(k)fluoranthene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(ghi)perylene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(a)pyrene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Chrysene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Dibenz(a,h)anthracene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Fluoranthene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Fluorene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Indeno(1,2,3-c,d)pyrene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Phenanthrene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Pyrene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Total Solids @ 103-105 C	95	%		12/18/06	PRV

Life Science Laboratories, Inc.

Date Printed: 12/28/06

Analysis performed at: *(1) LSL Central, (2) LSL North, (3) LSL Finger Lakes, (4) LSL Southern Tier, (5) LSL MidLakes, (6) LSL Brittonfield*

-- LABORATORY ANALYSIS REPORT --

Beardsley Design Associates *Syracuse, NY*

Sample ID: N. Sidewall - N. Pit - Grab **LSL Sample ID:** 0621488-004

Location:

Sampled: 12/11/06 9:20 **Sampled By:** DB

Sample Matrix: SHW Dry Wt, Soil

Analytical Method / Analyte	Result	Units	Prep Date	Analysis Date & Time	Analyst Initials
(5) NYS-DEC STARS 8021 Volatiles					
Benzene	<2000	ug/kg dry		12/15/06	PRV
n-Butylbenzene	<2000	ug/kg dry		12/15/06	PRV
sec-Butylbenzene	<2000	ug/kg dry		12/15/06	PRV
tert-Butylbenzene	<2000	ug/kg dry		12/15/06	PRV
Ethyl benzene	7300	ug/kg dry		12/15/06	PRV
Isopropylbenzene (Cumene)	<2000	ug/kg dry		12/15/06	PRV
4-Isopropyl toluene (Cymene)	<2000	ug/kg dry		12/15/06	PRV
MTBE	<2000	ug/kg dry		12/15/06	PRV
Naphthalene	4600	ug/kg dry		12/15/06	PRV
n-Propylbenzene	5600	ug/kg dry		12/15/06	PRV
Toluene	<2000	ug/kg dry		12/15/06	PRV
1,2,4-Trimethylbenzene	35000	ug/kg dry		12/15/06	PRV
1,3,5-Trimethylbenzene	12000	ug/kg dry		12/15/06	PRV
Xylenes (Total)	34000	ug/kg dry		12/15/06	PRV
Surrogate (1,2-DCA-d4)	101	%R		12/15/06	PRV
Surrogate (Tol-d8)	87	%R		12/15/06	PRV
Surrogate (4-BFB)	100	%R		12/15/06	PRV
Total Solids @ 103-105 C	87	%		12/18/06	PRV
(1) NYS-DEC STARS 8270 Base/Neutrals					
Acenaphthene	<1000	ug/kg dry	12/22/06	12/27/06	CRT
Anthracene	<1000	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(a)anthracene	<1000	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(b)fluoranthene	<1000	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(k)fluoranthene	<1000	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(ghi)perylene	<1000	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(a)pyrene	<1000	ug/kg dry	12/22/06	12/27/06	CRT
Chrysene	<1000	ug/kg dry	12/22/06	12/27/06	CRT
Dibenz(a,h)anthracene	<1000	ug/kg dry	12/22/06	12/27/06	CRT
Fluoranthene	<1000	ug/kg dry	12/22/06	12/27/06	CRT
Fluorene	<1000	ug/kg dry	12/22/06	12/27/06	CRT
Indeno(1,2,3-c,d)pyrene	<1000	ug/kg dry	12/22/06	12/27/06	CRT
Phenanthrene	<1000	ug/kg dry	12/22/06	12/27/06	CRT
Pyrene	<1000	ug/kg dry	12/22/06	12/27/06	CRT
Total Solids @ 103-105 C	87	%		12/18/06	PRV

Elevated detection limits due to the presence of a petroleum hydrocarbon pattern in the sample.

-- LABORATORY ANALYSIS REPORT --

Beardsley Design Associates *Syracuse, NY*

Sample ID: FO-SW - Composite **LSL Sample ID:** 0621488-005

Location:

Sampled: 12/11/06 9:35 **Sampled By:** DB

Sample Matrix: SHW Dry Wt, Soil

Analytical Method / Analyte	Result	Units	Prep Date	Analysis Date & Time	Analyst Initials
(5) NYS-DEC STARS 8021 Volatiles					
Benzene	<10	ug/kg dry		12/18/06	PRV
n-Butylbenzene	<10	ug/kg dry		12/18/06	PRV
sec-Butylbenzene	<10	ug/kg dry		12/18/06	PRV
tert-Butylbenzene	<10	ug/kg dry		12/18/06	PRV
Ethyl benzene	<10	ug/kg dry		12/18/06	PRV
Isopropylbenzene (Cumene)	<10	ug/kg dry		12/18/06	PRV
4-Isopropyl toluene (Cymene)	<10	ug/kg dry		12/18/06	PRV
MTBE	<10	ug/kg dry		12/18/06	PRV
Naphthalene	<10	ug/kg dry		12/18/06	PRV
n-Propylbenzene	<10	ug/kg dry		12/18/06	PRV
Toluene	<10	ug/kg dry		12/18/06	PRV
1,2,4-Trimethylbenzene	<10	ug/kg dry		12/18/06	PRV
1,3,5-Trimethylbenzene	<10	ug/kg dry		12/18/06	PRV
Xylenes (Total)	<30	ug/kg dry		12/18/06	PRV
Surrogate (1,2-DCA-d4)	93	%R		12/18/06	PRV
Surrogate (Tol-d8)	101	%R		12/18/06	PRV
Surrogate (4-BFB)	116	%R		12/18/06	PRV
Total Solids @ 103-105 C	52	%		12/18/06	PRV
(1) NYS-DEC STARS 8270 Base/Neutrals					
Acenaphthene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Anthracene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(a)anthracene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(b)fluoranthene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(k)fluoranthene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(ghi)perylene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(a)pyrene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Chrysene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Dibenz(a,h)anthracene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Fluoranthene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Fluorene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Indeno(1,2,3-c,d)pyrene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Phenanthrene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Pyrene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Total Solids @ 103-105 C	52	%		12/18/06	PRV

-- LABORATORY ANALYSIS REPORT --

Beardsley Design Associates *Syracuse, NY*

Sample ID: Bottom - FO Pit - Grab **LSL Sample ID:** 0621488-006

Location:

Sampled: 12/11/06 9:45 **Sampled By:** DB

Sample Matrix: SHW Dry Wt, Soil

Analytical Method / Analyte	Result	Units	Prep Date	Analysis Date & Time	Analyst Initials
(5) NYS-DEC STARS 8021 Volatiles					
Benzene	<5	ug/kg dry		12/15/06	PRV
n-Butylbenzene	<5	ug/kg dry		12/15/06	PRV
sec-Butylbenzene	<5	ug/kg dry		12/15/06	PRV
tert-Butylbenzene	<5	ug/kg dry		12/15/06	PRV
Ethyl benzene	<5	ug/kg dry		12/15/06	PRV
Isopropylbenzene (Cumene)	<5	ug/kg dry		12/15/06	PRV
4-Isopropyl toluene (Cymene)	<5	ug/kg dry		12/15/06	PRV
MTBE	<5	ug/kg dry		12/15/06	PRV
Naphthalene	<5	ug/kg dry		12/15/06	PRV
n-Propylbenzene	<5	ug/kg dry		12/15/06	PRV
Toluene	<5	ug/kg dry		12/15/06	PRV
1,2,4-Trimethylbenzene	<5	ug/kg dry		12/15/06	PRV
1,3,5-Trimethylbenzene	<5	ug/kg dry		12/15/06	PRV
Xylenes (Total)	<10	ug/kg dry		12/15/06	PRV
Surrogate (1,2-DCA-d4)	106	%R		12/15/06	PRV
Surrogate (Tol-d8)	98	%R		12/15/06	PRV
Surrogate (4-BFB)	109	%R		12/15/06	PRV
Total Solids @ 103-105 C	83	%		12/18/06	PRV
(1) NYS-DEC STARS 8270 Base/Neutrals					
Acenaphthene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Anthracene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(a)anthracene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(b)fluoranthene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(k)fluoranthene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(ghi)perylene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Benzo(a)pyrene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Chrysene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Dibenz(a,h)anthracene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Fluoranthene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Fluorene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Indeno(1,2,3-c,d)pyrene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Phenanthrene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Pyrene	<200	ug/kg dry	12/22/06	12/27/06	CRT
Total Solids @ 103-105 C	83	%		12/18/06	PRV

-- LABORATORY ANALYSIS REPORT --

Beardsley Design Associates *Syracuse, NY*

Sample ID: E. Sidewall - S. Pit - Grab **LSL Sample ID:** 0621488-007

Location:

Sampled: 12/11/06 11:55 **Sampled By:** DB

Sample Matrix: SHW Dry Wt, Soil

Analytical Method / Analyte	Result	Units	Prep Date	Analysis Date & Time	Analyst Initials
(5) NYS-DEC STARS 8021 Volatiles					
Benzene	<200	ug/kg dry		12/18/06	PRV
n-Butylbenzene	<200	ug/kg dry		12/18/06	PRV
sec-Butylbenzene	<200	ug/kg dry		12/18/06	PRV
tert-Butylbenzene	<200	ug/kg dry		12/18/06	PRV
Ethyl benzene	<200	ug/kg dry		12/18/06	PRV
Isopropylbenzene (Cumene)	<200	ug/kg dry		12/18/06	PRV
4-Isopropyl toluene (Cymene)	<200	ug/kg dry		12/18/06	PRV
MTBE	<200	ug/kg dry		12/18/06	PRV
Naphthalene	<200	ug/kg dry		12/18/06	PRV
n-Propylbenzene	<200	ug/kg dry		12/18/06	PRV
Toluene	<200	ug/kg dry		12/18/06	PRV
1,2,4-Trimethylbenzene	<200	ug/kg dry		12/18/06	PRV
1,3,5-Trimethylbenzene	<200	ug/kg dry		12/18/06	PRV
Xylenes (Total)	<700	ug/kg dry		12/18/06	PRV
Surrogate (1,2-DCA-d4)	109	%R		12/18/06	PRV
Surrogate (Tol-d8)	88	%R		12/18/06	PRV
Surrogate (4-BFB)	104	%R		12/18/06	PRV
Total Solids @ 103-105 C	86	%		12/18/06	PRV
(1) NYS-DEC STARS 8270 Base/Neutrals					
Acenaphthene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Anthracene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(a)anthracene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(b)fluoranthene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(k)fluoranthene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(ghi)perylene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(a)pyrene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Chrysene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Dibenz(a,h)anthracene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Fluoranthene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Fluorene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Indeno(1,2,3-c,d)pyrene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Phenanthrene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Pyrene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Total Solids @ 103-105 C	86	%		12/18/06	PRV

Life Science Laboratories, Inc.

Date Printed: 12/28/06

Analysis performed at: *(1) LSL Central, (2) LSL North, (3) LSL Finger Lakes, (4) LSL Southern Tier, (5) LSL MidLakes, (6) LSL Brittonfield*

-- LABORATORY ANALYSIS REPORT --

Beardsley Design Associates *Syracuse, NY*

Sample ID: S. Sidewall - S. Pit - Grab **LSL Sample ID:** 0621488-008

Location:

Sampled: 12/11/06 12:20 **Sampled By:** DB

Sample Matrix: SHW Dry Wt, Soil

Analytical Method / Analyte	Result	Units	Prep Date	Analysis Date & Time	Analyst Initials
(5) NYS-DEC STARS 8021 Volatiles					
Benzene	<200	ug/kg dry		12/15/06	PRV
n-Butylbenzene	<200	ug/kg dry		12/15/06	PRV
sec-Butylbenzene	<200	ug/kg dry		12/15/06	PRV
tert-Butylbenzene	<200	ug/kg dry		12/15/06	PRV
Ethyl benzene	<200	ug/kg dry		12/15/06	PRV
Isopropylbenzene (Cumene)	<200	ug/kg dry		12/15/06	PRV
4-Isopropyl toluene (Cymene)	<200	ug/kg dry		12/15/06	PRV
MTBE	<200	ug/kg dry		12/15/06	PRV
Naphthalene	<200	ug/kg dry		12/15/06	PRV
n-Propylbenzene	<200	ug/kg dry		12/15/06	PRV
Toluene	<200	ug/kg dry		12/15/06	PRV
1,2,4-Trimethylbenzene	<200	ug/kg dry		12/15/06	PRV
1,3,5-Trimethylbenzene	<200	ug/kg dry		12/15/06	PRV
Xylenes (Total)	<700	ug/kg dry		12/15/06	PRV
Surrogate (1,2-DCA-d4)	114	%R		12/15/06	PRV
Surrogate (Tol-d8)	87	%R		12/15/06	PRV
Surrogate (4-BFB)	98	%R		12/15/06	PRV
Total Solids @ 103-105 C	85	%		12/18/06	PRV
(1) NYS-DEC STARS 8270 Base/Neutrals					
Acenaphthene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Anthracene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(a)anthracene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(b)fluoranthene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(k)fluoranthene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(ghi)perylene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(a)pyrene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Chrysene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Dibenz(a,h)anthracene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Fluoranthene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Fluorene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Indeno(1,2,3-c,d)pyrene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Phenanthrene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Pyrene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Total Solids @ 103-105 C	85	%		12/18/06	PRV

Elevated detection limits due to the presence of a petroleum hydrocarbon pattern in the sample.

Life Science Laboratories, Inc.

Date Printed: 12/28/06

Analysis performed at: *(1) LSL Central, (2) LSL North, (3) LSL Finger Lakes, (4) LSL Southern Tier, (5) LSL MidLakes, (6) LSL Brittonfield*

-- LABORATORY ANALYSIS REPORT --

Beardsley Design Associates *Syracuse, NY*

Sample ID: Bottom - S. Pit - Grab **LSL Sample ID:** 0621488-009

Location:

Sampled: 12/11/06 12:35 **Sampled By:** DB

Sample Matrix: SHW Dry Wt, Soil

Analytical Method / Analyte	Result	Units	Prep Date	Analysis Date & Time	Analyst Initials
(5) NYS-DEC STARS 8021 Volatiles					
Benzene	<5	ug/kg dry		12/18/06	PRV
n-Butylbenzene	7.0	ug/kg dry		12/18/06	PRV
sec-Butylbenzene	<5	ug/kg dry		12/18/06	PRV
tert-Butylbenzene	<5	ug/kg dry		12/18/06	PRV
Ethyl benzene	<5	ug/kg dry		12/18/06	PRV
Isopropylbenzene (Cumene)	15	ug/kg dry		12/18/06	PRV
4-Isopropyl toluene (Cymene)	6.0	ug/kg dry		12/18/06	PRV
MTBE	<5	ug/kg dry		12/18/06	PRV
Naphthalene	12	ug/kg dry		12/18/06	PRV
n-Propylbenzene	33	ug/kg dry		12/18/06	PRV
Toluene	<5	ug/kg dry		12/18/06	PRV
1,2,4-Trimethylbenzene	13	ug/kg dry		12/18/06	PRV
1,3,5-Trimethylbenzene	62	ug/kg dry		12/18/06	PRV
Xylenes (Total)	<10	ug/kg dry		12/18/06	PRV
Surrogate (1,2-DCA-d4)	110	%R		12/18/06	PRV
Surrogate (Tol-d8)	102	%R		12/18/06	PRV
Surrogate (4-BFB)	114	%R		12/18/06	PRV
Total Solids @ 103-105 C	83	%		12/18/06	PRV
(1) NYS-DEC STARS 8270 Base/Neutrals					
Acenaphthene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Anthracene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(a)anthracene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(b)fluoranthene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(k)fluoranthene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(ghi)perylene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(a)pyrene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Chrysene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Dibenz(a,h)anthracene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Fluoranthene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Fluorene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Indeno(1,2,3-c,d)pyrene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Phenanthrene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Pyrene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Total Solids @ 103-105 C	83	%		12/18/06	PRV

-- LABORATORY ANALYSIS REPORT --

Beardsley Design Associates *Syracuse, NY*

Sample ID: WO-SW - Composite **LSL Sample ID:** 0621488-010

Location:

Sampled: 12/11/06 14:08 **Sampled By:** DB

Sample Matrix: SHW Dry Wt, Soil

Analytical Method / Analyte	Result	Units	Prep Date	Analysis Date & Time	Analyst Initials
(5) NYS-DEC STARS 8021 Volatiles					
Benzene	<200	ug/kg dry		12/18/06	PRV
n-Butylbenzene	<200	ug/kg dry		12/18/06	PRV
sec-Butylbenzene	<200	ug/kg dry		12/18/06	PRV
tert-Butylbenzene	<200	ug/kg dry		12/18/06	PRV
Ethyl benzene	<200	ug/kg dry		12/18/06	PRV
Isopropylbenzene (Cumene)	<200	ug/kg dry		12/18/06	PRV
4-Isopropyl toluene (Cymene)	<200	ug/kg dry		12/18/06	PRV
MTBE	<200	ug/kg dry		12/18/06	PRV
Naphthalene	920	ug/kg dry		12/18/06	PRV
n-Propylbenzene	<200	ug/kg dry		12/18/06	PRV
Toluene	220	ug/kg dry		12/18/06	PRV
1,2,4-Trimethylbenzene	1200	ug/kg dry		12/18/06	PRV
1,3,5-Trimethylbenzene	460	ug/kg dry		12/18/06	PRV
Xylenes (Total)	1300	ug/kg dry		12/18/06	PRV
Surrogate (1,2-DCA-d4)	104	%R		12/18/06	PRV
Surrogate (Tol-d8)	86	%R		12/18/06	PRV
Surrogate (4-BFB)	95	%R		12/18/06	PRV
Total Solids @ 103-105 C	83	%		12/18/06	PRV
(1) NYS-DEC STARS 8270 Base/Neutrals					
Acenaphthene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Anthracene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(a)anthracene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(b)fluoranthene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(k)fluoranthene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(ghi)perylene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(a)pyrene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Chrysene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Dibenz(a,h)anthracene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Fluoranthene	1100	ug/kg dry	12/22/06	12/28/06	CRT
Fluorene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Indeno(1,2,3-c,d)pyrene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Phenanthrene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Pyrene	1100	ug/kg dry	12/22/06	12/28/06	CRT
Total Solids @ 103-105 C	83	%		12/18/06	PRV

Elevated detection limits due to the presence of a petroleum hydrocarbon pattern in the sample.

Life Science Laboratories, Inc.

Date Printed: 12/28/06

Analysis performed at: *(1) LSL Central, (2) LSL North, (3) LSL Finger Lakes, (4) LSL Southern Tier, (5) LSL MidLakes, (6) LSL Brittonfield*

-- LABORATORY ANALYSIS REPORT --

Beardsley Design Associates *Syracuse, NY*

Sample ID: Bottom - WO Pit - Grab **LSL Sample ID:** 0621488-011

Location:

Sampled: 12/11/06 14:05 **Sampled By:** DB

Sample Matrix: SHW Dry Wt, Soil

Analytical Method / Analyte	Result	Units	Prep Date	Analysis Date & Time	Analyst Initials
(5) NYS-DEC STARS 8021 Volatiles					
Benzene	<5	ug/kg dry		12/15/06	PRV
n-Butylbenzene	<5	ug/kg dry		12/15/06	PRV
sec-Butylbenzene	<5	ug/kg dry		12/15/06	PRV
tert-Butylbenzene	<5	ug/kg dry		12/15/06	PRV
Ethyl benzene	<5	ug/kg dry		12/15/06	PRV
Isopropylbenzene (Cumene)	<5	ug/kg dry		12/15/06	PRV
4-Isopropyl toluene (Cymene)	<5	ug/kg dry		12/15/06	PRV
MTBE	<5	ug/kg dry		12/15/06	PRV
Naphthalene	<5	ug/kg dry		12/15/06	PRV
n-Propylbenzene	<5	ug/kg dry		12/15/06	PRV
Toluene	<5	ug/kg dry		12/15/06	PRV
1,2,4-Trimethylbenzene	8.2	ug/kg dry		12/15/06	PRV
1,3,5-Trimethylbenzene	<5	ug/kg dry		12/15/06	PRV
Xylenes (Total)	<10	ug/kg dry		12/15/06	PRV
Surrogate (1,2-DCA-d4)	91	%R		12/15/06	PRV
Surrogate (Tol-d8)	89	%R		12/15/06	PRV
Surrogate (4-BFB)	106	%R		12/15/06	PRV
Total Solids @ 103-105 C	84	%		12/18/06	PRV
(1) NYS-DEC STARS 8270 Base/Neutrals					
Acenaphthene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Anthracene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(a)anthracene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(b)fluoranthene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(k)fluoranthene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(ghi)perylene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(a)pyrene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Chrysene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Dibenz(a,h)anthracene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Fluoranthene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Fluorene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Indeno(1,2,3-c,d)pyrene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Phenanthrene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Pyrene	<200	ug/kg dry	12/22/06	12/28/06	CRT
Total Solids @ 103-105 C	84	%		12/18/06	PRV

-- LABORATORY ANALYSIS REPORT --

Beardsley Design Associates *Syracuse, NY*

Sample ID: W. Sidewall - N. Pit - Grab **LSL Sample ID:** 0621488-012

Location:

Sampled: 12/12/06 8:10 **Sampled By:** DB

Sample Matrix: SHW Dry Wt, Soil

Analytical Method / Analyte	Result	Units	Prep Date	Analysis Date & Time	Analyst Initials
(5) NYS-DEC STARS 8021 Volatiles					
Benzene	<5	ug/kg dry		12/15/06	PRV
n-Butylbenzene	7.6	ug/kg dry		12/15/06	PRV
sec-Butylbenzene	5.0	ug/kg dry		12/15/06	PRV
tert-Butylbenzene	<5	ug/kg dry		12/15/06	PRV
Ethyl benzene	<5	ug/kg dry		12/15/06	PRV
Isopropylbenzene (Cumene)	<5	ug/kg dry		12/15/06	PRV
4-Isopropyl toluene (Cymene)	9.6	ug/kg dry		12/15/06	PRV
MTBE	<5	ug/kg dry		12/15/06	PRV
Naphthalene	<5	ug/kg dry		12/15/06	PRV
n-Propylbenzene	5.6	ug/kg dry		12/15/06	PRV
Toluene	<5	ug/kg dry		12/15/06	PRV
1,2,4-Trimethylbenzene	9.6	ug/kg dry		12/15/06	PRV
1,3,5-Trimethylbenzene	49	ug/kg dry		12/15/06	PRV
Xylenes (Total)	24	ug/kg dry		12/15/06	PRV
Surrogate (1,2-DCA-d4)	71	%R		12/15/06	PRV
Surrogate (Tol-d8)	101	%R		12/15/06	PRV
Surrogate (4-BFB)	295*	%R		12/15/06	PRV
Total Solids @ 103-105 C	90	%		12/18/06	PRV

**Elevated surrogate recovery due to matrix interference.*

(1) NYS-DEC STARS 8270 Base/Neutrals					
Acenaphthene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Anthracene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(a)anthracene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(b)fluoranthene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(k)fluoranthene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(ghi)perylene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(a)pyrene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Chrysene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Dibenz(a,h)anthracene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Fluoranthene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Fluorene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Indeno(1,2,3-c,d)pyrene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Phenanthrene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Pyrene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Total Solids @ 103-105 C	90	%		12/18/06	PRV

Elevated detection limits due to the presence of a petroleum hydrocarbon pattern in the sample.

-- LABORATORY ANALYSIS REPORT --

Beardsley Design Associates *Syracuse, NY*

Sample ID: W. Sidewall - S. Pit - Grab **LSL Sample ID:** 0621488-013

Location:

Sampled: 12/12/06 9:20 **Sampled By:** DB

Sample Matrix: SHW Dry Wt, Soil

Analytical Method / Analyte	Result	Units	Prep Date	Analysis Date & Time	Analyst Initials
(5) NYS-DEC STARS 8021 Volatiles					
Benzene	<1000	ug/kg dry		12/18/06	PRV
n-Butylbenzene	3000	ug/kg dry		12/18/06	PRV
sec-Butylbenzene	<1000	ug/kg dry		12/18/06	PRV
tert-Butylbenzene	<1000	ug/kg dry		12/18/06	PRV
Ethyl benzene	<1000	ug/kg dry		12/18/06	PRV
Isopropylbenzene (Cumene)	<1000	ug/kg dry		12/18/06	PRV
4-Isopropyl toluene (Cymene)	<1000	ug/kg dry		12/18/06	PRV
MTBE	<1000	ug/kg dry		12/18/06	PRV
Naphthalene	<4000	ug/kg dry		12/15/06	PRV
n-Propylbenzene	2100	ug/kg dry		12/18/06	PRV
Toluene	<1000	ug/kg dry		12/18/06	PRV
1,2,4-Trimethylbenzene	9100	ug/kg dry		12/18/06	PRV
1,3,5-Trimethylbenzene	1800	ug/kg dry		12/18/06	PRV
Xylenes (Total)	<4000	ug/kg dry		12/18/06	PRV
Surrogate (1,2-DCA-d4)	105	%R		12/18/06	PRV
Surrogate (Tol-d8)	89	%R		12/18/06	PRV
Surrogate (4-BFB)	102	%R		12/18/06	PRV
Total Solids @ 103-105 C	84	%		12/18/06	PRV
(1) NYS-DEC STARS 8270 Base/Neutrals					
Acenaphthene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Anthracene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(a)anthracene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(b)fluoranthene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(k)fluoranthene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(ghi)perylene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Benzo(a)pyrene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Chrysene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Dibenz(a,h)anthracene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Fluoranthene	1600	ug/kg dry	12/22/06	12/28/06	CRT
Fluorene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Indeno(1,2,3-c,d)pyrene	<1000	ug/kg dry	12/22/06	12/28/06	CRT
Phenanthrene	1300	ug/kg dry	12/22/06	12/28/06	CRT
Pyrene	1300	ug/kg dry	12/22/06	12/28/06	CRT
Total Solids @ 103-105 C	84	%		12/18/06	PRV

Elevated detection limits due to the presence of a petroleum hydrocarbon pattern in the sample.

Life Science Laboratories, Inc.

Date Printed: 12/28/06

Analysis performed at: *(1) LSL Central, (2) LSL North, (3) LSL Finger Lakes, (4) LSL Southern Tier, (5) LSL MidLakes, (6) LSL Brittonfield*

LSL

SURROGATE RECOVERY CONTROL LIMITS FOR ORGANIC METHODS

Method	Surrogate(s)	Water Limits, %R	SHW Limits, %R
EPA 504	TCMX	80-120	NA
EPA 508	DCB	70-130	NA
EPA 515.4	DCAA	70-130	NA
EPA 524.2	1,2-DCA-d4, 4-BFB	80-120	NA
EPA 525.2	1,3-DM-2-NB, TPP, Per-d12	70-130	NA
EPA 526	1,3-DM-2-NB, TPP	70-130	NA
EPA 528	2-CP-3,4,5,6-d4, 2,4,6-TBP	70-130	NA
EPA 551.1	Decafluorobiphenyl	80-120	NA
EPA 552.2	2,3-DBPA	70-130	NA
EPA 601	1,2-DCA-d4, Tol-d8, 4-BFB	70-130	NA
EPA 602	1,2-DCA-d4, Tol-d8, 4-BFB	70-130	NA
EPA 608	TCMX, DCB	30-150	NA
EPA 624	1,2-DCA-d4, Tol-d8, 4-BFB	70-130	NA
EPA 625, AE	2-Fluorophenol	21-110	NA
EPA 625, AE	Phenol-d5	10-110	NA
EPA 625, AE	2,4,6-Tribromophenol	10-123	NA
EPA 625, BN	Nitrobenzene-d5	35-114	NA
EPA 625, BN	2-Fluorobiphenyl	43-116	NA
EPA 625, BN	Terphenyl-d14	33-141	NA
EPA 8010	1,2-DCA-d4, Tol-d8, 4-BFB	70-130	70-130
EPA 8020	1,2-DCA-d4, Tol-d8, 4-BFB	70-130	70-130
EPA 8021	1,2-DCA-d4, Tol-d8, 4-BFB	70-130	70-130
EPA 8081	TCMX, DCB	30-150	30-150
EPA 8082	DCB	30-150	30-150
EPA 8151	DCAA	30-130	30-120
EPA 8260	1,2-DCA-d4, Tol-d8, 4-BFB	70-130	70-130
EPA 8270, AE	2-Fluorophenol	21-110	25-121
EPA 8270, AE	Phenol-d5	10-110	24-113
EPA 8270, AE	2,4,6-Tribromophenol	10-123	19-122
EPA 8270, BN	Nitrobenzene-d5	35-114	23-120
EPA 8270, BN	2-Fluorobiphenyl	43-116	30-115
EPA 8270, BN	Terphenyl-d14	33-141	18-137
DOH 310-13	Terphenyl-d14	40-110	40-110
DOH 310-14	Terphenyl-d14	40-110	40-110
DOH 310-15	Terphenyl-d14	40-110	40-110
DOH 310-34	4-BFB	50-150	50-150
DOH 313-4	DCB	NA	30-150
8015M_GRO	4-BFB	50-150	50-150
8015M_DRO	Terphenyl-d14	50-150	50-150

Units Key:	ug/l = microgram per liter ug/kg = microgram per kilogram mg/l = milligram per liter mg/kg = milligram per kilogram %R = Percent Recovery

Life Science Laboratories, Inc.

CHAIN OF CUSTODY RECORD

LSL Central Lab
5854 Butternut Drive
East Syracuse, NY 13057
Phone: (315) 445-1105
Fax: (315) 445-1301
Email: lslcentral@lsl-inc.com

LSL North Lab
131 St Lawrence Ave
Waddington, NY 13694
Phone: (315) 388-4476
Fax: (315) 388-4081
Email: lslnfo@lsl-inc.com

LSL Finger Lakes Lab
16 North Main Street
Wayland, NY 14572
Phone: (585) 728-3320
Fax: (585) 728-2711
Email: lslfll@lsl-inc.com

LSL Southern Tier Lab
30 East Main Street
Cuba, NY 14727
Phone: (585) 968-2640
Fax: (585) 968-0906
Email: lslstl@lsl-inc.com

L
6
C
P
Fax: (585) 396-0377
Email: lslml@lsl-inc.com

0621488

BeardsleyDesign

Turnaround Time

Normal	Pre-Authorized				
14 DAY [X]	Next Day* [ ]	3-Day * [ ]	*Additional Charges may apply
	2-Day * [ ]	7-Day* [ ]	

Report Address:
Name: Daniel Bishuk Jr
Company: Beardsley Design Associates
Street: 431 East Fayette St
City/State: Syracuse / NY **Zip:** 13202
Phone: (315) 472-6980 **Fax:** (315) 472-3523
Email: dbishuk@beardsley.com

Date Needed or Special Instructions:

Authorization or P.O. # 06920.004

Client Project ID/Client Site ID Woodbine/Syr – 700 Outparcels (Almond & Water Sts) #06920.004

LSL Project Number:

Client's Sample Identifications	Sample Date	Sample Time	Type grab/comp	Matrix	Preserv Added	Containers #	Containers size/type	Analyses	Preserv Check	LSL ID#
E Sidewall – N Pit	12/11/06	8:15	Grab	Soil	None/Ice	2	4oz/16oz	(1) VOCs by EPA 8260 STARS (2) SVOCs by EPA 8270 STARS		001 AB
Bottom – N Pit		8:40								002
S Sidewall – N Pit		9:00								003
N Sidewall – N Pit		9:20								004
FO – SW		9:35	Composite							005
Bottom – FO Pit		9:45	Grab							006
E Sidewall – S Pit		11:55								007
S Sidewall – S Pit		12:20								008
Bottom – S Pit		12:35								009
WO – SW		14:00	Composite							010

LSL use only:

Containers this C-O-C

Custody Transfers

		Date	Time
Sampled By: Daniel Bishuk Jr.	Received By:		
Relinquished By: Daniel Bishuk Jr.	Received By:		
Relinquished By:	Rec'd for Lab By: R Dudzic	12-12-06	12:18 RCVD
Shipment Method: Hand Deliver	Received Intact: Y N	Sample Temp	4.7oC

*** All areas of this Chain of Custody Record MUST be filled out in order to process samples in a timely manner IN PEN ONLY***

Life Science Laboratories, Inc.

CHAIN OF CUSTODY RECORD

0621488

BeardsleyDesign

LSL Central Lab
5854 Butternut Drive
East Syracuse, NY 13057
Phone: (315) 445-1105
Fax: (315) 445-1301
Email: lslcentral@lsl-inc.com

LSL North Lab
131 St Lawrence Ave
Waddington, NY 13694
Phone: (315) 388-4476
Fax: (315) 388-4081
Email: lslnfo@lsl-inc.com

LSL Finger Lakes Lab
16 North Main Street
Wayland, NY 14572
Phone: (585) 728-3320
Fax: (585) 728-2711
Email: lslfll@lsl-inc.com

LSL Southern Tier Lab
30 East Main Street
Cuba, NY 14727
Phone: (585) 968-2640
Fax: (585) 968-0906
Email: lslstl@lsl-inc.com

LSL
699
Canandaigua, NY 14424
Phone: (585) 396-0270
Fax: (585) 396-0377
Email: lslml@lsl-inc.com

Turnaround Time

Normal: 14 DAY [X]

Pre-Authorized: Next Day* [ ] 2-Day * [ ] 3-Day * [ ] 7-Day* [ ]

*Additional Charges may apply

Report Address:

Name: Daniel Bishuk Jr.
Company: Beardsley Design Associates
Street: 431 East Fayette St
City/State: Syracuse, NY
Zip: 13202
Phone: (315) 472-6980
Fax: (315) 472-3523
Email: dbishuk@beardsley.com

Date Needed or Special Instructions:

Authorization or P.O. # 06920.004

LSL Project Number:

Client Project ID/Client Site ID
Woodbine/Syr-700 Outparcels (Almond & Water Sts) #06920.004

Client's Sample Identifications	Sample Date	Sample Time	Type grab/comp	Matrix	Preserv Added	Containers #	Containers size/type	Analyses	Preserv Check	LSL ID#
Bottom-WO Pit	12/11/06	14:05	Grab	Soil	None/Ice	2	4oz/16oz	(1) VOCs by EPA 8260 STARS (2) SVOCs by EPA 8270 STARS		011 AB
W Sidewall-N Pit	12/12/06	8:10	Grab	Soil	None/Ice	2	↓	↓		012
W Sidewall-S Pit	12/12/06	9:20	Grab	Soil	None/Ice	2	↓	↓		013

LSL use only:

Containers this C-O-C

Custody Transfers

		Date	Time
Sampled By: Daniel Bishuk Jr.	Received By:		
Relinquished By: Daniel Bishuk Jr.	Received By:		
Relinquished By:	Rec'd for Lab By: R Dunbar	12-12-06	12:18 RCVD
Shipment Method: Hand Deliver	Received Intact: Y N	Sample Temp	4.7°C

*** All areas of this Chain of Custody Record MUST be filled out in order to process samples in a timely manner IN PEN ONLY***

ATTACHMENT F

RECEIPTS FOR BACKFILL OF CLEAN IMPORTED FILL

T.H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633328
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,138
Miles : 0
Tons : 44,453.54

Truck :RIC 305 RICCELLI
Material:163 SELECT FILL TON

Gross: 77180 lb Scale 1 Out 3:21 pm
Tare: 30280 lb STORED In

Net: 46900 lb
23.450 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Joe Parker

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633329
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,139
Miles : 0
Tons : 44,475.28

Truck :RIC 306 RICCELLI
Material:163 SELECT FILL TON

Gross: 73980 lb Scale 1 Out 3:22 pm
Tare: 30500 lb STORED In

Net: 43480 lb
21.740 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

Carr 11306

2

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633327
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,137
Miles : 0
Tons : 44,430.09

Truck :RIC 33 RICCELLI
Material:163 SELECT FILL TON

Gross: 73260 lb Scale 1 Out 3:10 pm
Tare: 29140 lb STORED In

Net: 44120 lb
22.060 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: P. Gerald 1343

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633333
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,141
Miles : 0
Tons : 44,519.05

Truck :RIC 60 RICCELLI 60
Material:163 SELECT FILL TON

Gross: 74420 lb Scale 1 Out 3:39 pm
Tare: 30460 lb STORED In

Net: 43960 lb
21.980 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

3

T.H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633314
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,136
Miles : 0
Tons : 44,408.03

Truck :RIC 60 RICCELLI 60
Material:163 SELECT FILL TON

Gross: 75620 lb Scale 1 Out 2:40 pm
Tare: 30460 lb STORED In

Net: 45160 lb
22.580 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633331
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,140
Miles : 0
Tons : 44,497.07

Truck :RIC 54 RICCELLI
Material:163 SELECT FILL TON

Gross: 73680 lb Scale 1 Out 3:25 pm
Tare: 30100 lb STORED In

Net: 43580 lb
21.790 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Charlie 1788

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

4

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633308
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,134
Miles : 0
Tons : 44,362.32

Truck :RIC 306 RICCELLI
Material:163 SELECT FILL TON

Gross: 74560 lb Scale 1 Out 2:25 pm
Tare: 30500 lb STORED In

Net: 44060 lb
22.030 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

A1306

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633309
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,135
Miles : 0
Tons : 44,385.45

Truck :RIC 54 RICCELLI
Material:163 SELECT FILL TON

Gross: 76360 lb Scale 1 Out 2:26 pm
Tare: 30100 lb STORED In

Net: 46260 lb
23.130 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Charlie 1788

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

5

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633303
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2.132
Miles : 0
Tons : 44,317.21

Truck :RIC 33 RICCELLI
Material:163 SELECT FILL TON

Gross: 72680 lb Scale 1 Out 2:13 pm
Tare: 29140 lb STORED In

Net: 43540 lb
21.770 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: P Parker 1343

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633307
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,133
Miles : 0
Tons : 44,340.29

Truck :RIC 305 RICCELLI
Material:163 SELECT FILL TON

Gross: 76440 lb Scale 1 Out 2:24 pm
Tare: 30280 lb STORED In

Net: 46160 lb
23.080 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Joe Parker

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633291
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

6

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,130
Miles : 0
Tons : 44,272.97

Truck :RIC 54 RICCELLI
Material:163 SELECT FILL TON

Gross: 75660 lb Scale 1 Out 1:34 pm
Tare: 30100 lb STORED In

Net: 45560 lb
22.780 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Charlie 1788

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633294
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,131
Miles : 0
Tons : 44,295.44

Truck :RIC 60 RICCELLI 60
Material:163 SELECT FILL TON

Gross: 75400 lb Scale 1 Out 1:41 pm
Tare: 30460 lb STORED In

Net: 44940 lb
22.470 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Terry C

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633286
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

7

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,128
Miles : 0
Tons : 44,228.60

Truck :RIC 305 RICCELLI
Material:163 SELECT FILL TON

Gross: 77680 lb Scale 1 Out 1:25 pm
Tare: 30280 lb STORED In

Net: 47400 lb
23.700 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Joe Parker

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $

Total $

KINSELLA, INC.
GENESEE TURNPIKE
. BOX 7
ETTEVILLE,NY 13066-0007

Ticket No :633290
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

stomer: RIC 4
ICCELLI ENTERPRISES, INC.
O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,129
Miles : 0
Tons : 44,250.19

Truck :RIC 306 RICCELLI
Material:163 SELECT FILL TON

Gross: 73680 lb Scale 1 Out 1:33 pm
Tare: 30500 lb STORED In

Net: 43180 lb
21.590 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $

Total $

A1306

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633275
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,126
Miles : 0
Tons : 44,182.43

Truck :RIC 60 RICCELLI 60
Material:163 SELECT FILL TON

Gross: 77020 lb Scale 1 Out12:42 pm
Tare: 30460 lb STORED In

Net: 46560 lb
23.280 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633284
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,127
Miles : 0
Tons : 44,204.90

Truck :RIC 33 RICCELLI
Material:163 SELECT FILL TON

Gross: 74080 lb Scale 1 Out 1:16 pm
Tare: 29140 lb STORED In

Net: 44940 lb
22.470 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: P. Clarke 1343

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

9

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633271
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,124
Miles : 0
Tons : 44,136.38

Truck :RIC 306 RICCELLI
Material:163 SELECT FILL TON

Gross: 74780 lb Scale 1 Out12:32 pm
Tare: 30500 lb STORED In

Net: 44280 lb
22.140 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST

Material $
Delivery $
Misc $
Tax $
Total $

A1306

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633273
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,125
Miles : 0
Tons : 44,159.15

Truck :RIC 54 RICCELLI
Material:163 SELECT FILL TON

Gross: 75640 lb Scale 1 Out12:34 pm
Tare: 30100 lb STORED In

Net: 45540 lb
22.770 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Charlie 1708

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

10

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633268
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,122
Miles : 0
Tons : 44,090.18

Truck :RIC 33 RICCELLI
Material:163 SELECT FILL TON

Gross: 73080 lb Scale 1 Out12:21 pm
Tare: 29140 lb STORED In

Net: 43940 lb
21.970 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: P. Gleason 1343

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633270
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,123
Miles : 0
Tons : 44,114.24

Truck :RIC 305 RICCELLI
Material:163 SELECT FILL TON

Gross: 78400 lb Scale 1 Out12:30 pm
Tare: 30280 lb STORED In

Net: 48120 lb
24.060 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Joe Parker

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

11

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633257
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,120
Miles : 0
Tons : 44,045.59

Truck :RIC 54 RICCELLI
Material:163 SELECT FILL TON

Gross: 75640 lb Scale 1 Out11:40 am
Tare: 30100 lb STORED In

Net: 45540 lb
22.770 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Charlie 1788

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $

Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633258
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,121
Miles : 0
Tons : 44,068.21

Truck :RIC 60 RICCELLI 60
Material:163 SELECT FILL TON

Gross: 75700 lb Scale 1 Out11:40 am
Tare: 30460 lb STORED In

Net: 45240 lb
22.620 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Tony C

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $

Total $

12

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633252
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,118
Miles : 0
Tons : 44,000.69

Truck :RIC 49 RICCELLI
Material:163 SELECT FILL TON

Gross: 75200 lb Scale 1 Out11:31 am
Tare: 29420 lb STORED In

Net: 45780 lb
22.890 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633254
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,119
Miles : 0
Tons : 44,022.82

Truck :RIC 306 RICCELLI
Material:163 SELECT FILL TON

Gross: 74760 lb Scale 1 Out11:32 am
Tare: 30500 lb STORED In

Net: 44260 lb
22.130 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

11306

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633248
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6818
SYRACUSE,NY 13217

Order No : 2

Loads : 2,118
Miles : 0
Tons : 43,954.12

Truck :RIC 12 RICCELLI Gross: 78560 lb Scale 1 Out11:26 am
Material:163 SELECT FILL TON Tare: 28160 lb STORED In

Net: 45400 lb
22.700 tn

Weigh Master: JK Jeff Kinsella 310195

Material $
Delivery $
Misc $
Tax $

Total $

Driver: Ralph 1343

Remarks: WATER ST

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633250
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6818
SYRACUSE,NY 13217

Order No : 2

Loads : 2,117
Miles : 0
Tons : 43,977.80

Truck :RIC 305 RICCELLI Gross: 77640 lb Scale 1 Out11:28 am
Material:163 SELECT FILL TON Tare: 30280 lb STORED In

Net: 47360 lb
23.680 tn

Weigh Master: JK Jeff Kinsella 310195

Material $
Delivery $
Misc $
Tax $

Total $

Driver: Joe Pardee

Remarks: WATER ST.

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633238
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 2
HONEYWELL/OLD ALLIED WASTEBED
Loads : 3,203
Miles : 0
Tons : 81,556.62

Truck :RIC 54 RICCELLI
Material:163 SELECT FILL TON

Gross: 75000 lb Scale 1 Out10:43 am
Tare: 30100 lb STORED In
Net: 44900 lb
22.450 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Charlie 1788

Remarks:

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633239
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1
Loads : 2,115
Miles : 0
Tons : 43,931.42

Truck :RIC 60 RICCELLI 60
Material:163 SELECT FILL TON

Gross: 74900 lb Scale 1 Out10:47 am
Tare: 30460 lb STORED In
Net: 44440 lb
22.220 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Tony C

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

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T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633233
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,113
Miles : 0
Tons : 43,886.49

Truck :RIC 49 RICCELLI
Material:163 SELECT FILL TON

Gross: 74740 lb Scale 1 Out10:34 am
Tare: 29420 lb STORED In
Net: 45320 lb
22.660 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633235
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,114
Miles : 0
Tons : 43,909.20

Truck :RIC 306 RICCELLI
Material:163 SELECT FILL TON

Gross: 75920 lb Scale 1 Out10:36 am
Tare: 30500 lb STORED In
Net: 45420 lb
22.710 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8096 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633227 16
Date :12/11/08
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC &
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2.111
Miles : 0
Tons : 43,840.43

Truck :RIC 33 RICCELLI
Material:163 SELECT FILL TON

Gross: 73920 lb Scale 1 Out10:12 am
Tare: 29110 lb STORED In

Net: 44780 lb
22.390 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Material $
Delivery $
Misc $
Tax $
Total $

Remarks: WATER ST.

T H KINSELLA, INC.
8096 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633232
Date :12/11/08
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC &
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2.112
Miles : 0
Tons : 43,863.83

Truck :RIC 305 RICCELLI
Material:163 SELECT FILL TON

Gross: 76960 lb Scale 1 Out10:32 am
Tare: 30280 lb STORED In

Net: 46680 lb
23.340 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Material $
Delivery $
Misc $
Tax $
Total $

Remarks: WATER ST.

17

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633216
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2.109
Miles : 0
Tons : 43,795.98

Truck :RIC 54 RICCELLI
Material:163 SELECT FILL TON

Gross: 76660 lb Scale 1 Out 9:42 am
Tare: 30100 lb STORED In

Net: 46560 lb
23.280 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Charlie 1788

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $

Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633217
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,110
Miles : 0
Tons : 43,818.10

Truck :RIC 60 RICCELLI 60
Material:163 SELECT FILL TON

Gross: 74700 lb Scale 1 Out 9:45 am
Tare: 30460 lb STORED In

Net: 44240 lb
22.120 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Tony C

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $

Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633213
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2.107
Miles : 0
Tons : 43,750.48

Truck :RIC 49 RICCELLI
Material:163 SELECT FILL TON

Gross: 74280 lb Scale 1 Out 9:36 am
Tare: 29420 lb STORED In

Net: 44860 lb
22.430 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633214
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,108
Miles : 0
Tons : 43,772.70

Truck :RIC 306 RICCELLI
Material:163 SELECT FILL TON

Gross: 74940 lb Scale 1 Out 9:40 am
Tare: 30500 lb STORED In

Net: 44440 lb
22.220 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

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T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633194
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,105
Miles : 0
Tons : 43,704.56

Truck :RIC 60 RICCELLI 60
Material:163 SELECT FILL TON

Gross: 74440 lb Scale 1 Out 8:23 am
Tare: 30460 lb STORED In

Net: 43980 lb
21.990 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Trey L

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633211
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,106
Miles : 0
Tons : 43,728.05

Truck :RIC 305 RICCELLI
Material:163 SELECT FILL TON

Gross: 77260 lb Scale 1 Out 9:34 am
Tare: 30280 lb STORED In

Net: 46980 lb
23.490 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Joe Parker

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633192
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

20

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

WAIT TO DUMP 20 MIN

Order No : 1

Loads : 2,103
Miles : 0
Tons : 43,660.51

Truck :RIC 49 RICCELLI
Material:163 SELECT FILL TON

Gross: 74520 lb Scale 1 Out 8:20 am
Tare: 29420 lb STORED In

Net: 45100 lb
22.550 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $

Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633193
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,104
Miles : 0
Tons : 43,682.57

Truck :RIC 54 RICCELLI
Material:163 SELECT FILL TON

Gross: 74220 lb Scale 1 Out 8:21 am
Tare: 30100 lb STORED In

Net: 44120 lb
22.060 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Charlie Beldoze

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $

Total $

21

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633511
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,180
Miles : 0
Tons : 45,403.09

Truck :RIC 30 RICCELLI
Material:163 SELECT FILL TON

Gross: 72860 lb Scale 1 Out 1:28 pm
Tare: 29320 lb STORED In

Net: 43540 lb
21.770 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Kevin 1189

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

815.12

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633191
Date :12/11/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,102
Miles : 0
Tons : 43,637.96

Truck :RIC 305 RICCELLI
Material:163 SELECT FILL TON

Gross: 75480 lb Scale 1 Out 8:19 am
Tare: 30280 lb STORED In

Net: 45200 lb
22.600 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Joe Parker

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633504
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,178
Miles : 0
Tons : 45,358.84

Truck :RIC 49 RICCELLI
Material:163 SELECT FILL TON

Gross: 75160 lb Scale 1 Out 1:16 pm
Tare: 29420 lb STORED In

Net: 45740 lb
22.870 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633505
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,179
Miles : 0
Tons : 45,381.32

Truck :RIC 54 RICCELLI
Material:163 SELECT FILL TON

Gross: 75060 lb Scale 1 Out 1:17 pm
Tare: 30100 lb STORED In

Net: 44960 lb
22.480 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633499
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,176
Miles : 0
Tons : 45,313.91

Truck :RIC 305 RICCELLI
Material:163 SELECT FILL TON

Gross: 77260 lb Scale 1 Out 1:11 pm
Tare: 30280 lb STORED In

Net: 46980 lb
23.490 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Joe Pardee

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633501
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,177
Miles : 0
Tons : 45,335.97

Truck :RIC 306 RICCELLI
Material:163 SELECT FILL TON

Gross: 74620 lb Scale 1 Out 1:12 pm
Tare: 30500 lb STORED In

Net: 44120 lb
22.060 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

306

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633476
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,174
Miles : 0
Tons : 45,268.78

Truck :RIC 54 RICCELLI
Material:163 SELECT FILL TON

Gross: 74880 lb Scale 1 Out12:17 pm
Tare: 30100 lb STORED In

Net: 44780 lb
22.390 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Charlie 1788

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633488
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,175
Miles : 0
Tons : 45,290.42

Truck :RIC 30 RICCELLI
Material:163 SELECT FILL TON

Gross: 72600 lb Scale 1 Out12:36 pm
Tare: 29320 lb STORED In

Net: 43280 lb
21.640 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Kevin 1189

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

25

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633473
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,172
Miles : 0
Tons : 45,223.48

Truck :RIC 306 RICCELLI
Material:163 SELECT FILL TON

Gross: 77000 lb Scale 1 Out12:09 pm
Tare: 30500 lb STORED In

Net: 46500 lb
23.250 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

11 306

T·H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633475
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,173
Miles : 0
Tons : 45,246.39

Truck :RIC 49 RICCELLI
Material:163 SELECT FILL TON

Gross: 75240 lb Scale 1 Out12:15 pm
Tare: 29420 lb STORED In

Net: 45820 lb
22.910 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633460
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,170
Miles : 0
Tons : 45,177.16

Truck :RIC 30 RICCELLI
Material:163 SELECT FILL TON

Gross: 73340 lb Scale 1 Out11:41 am
Tare: 29320 lb STORED In

Net: 44020 lb
22.010 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Kevin 1189

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633472
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,171
Miles : 0
Tons : 45,200.23

Truck :RIC 305 RICCELLI
Material:163 SELECT FILL TON

Gross: 76420 lb Scale 1 Out12:09 pm
Tare: 30280 lb STORED In

Net: 46140 lb
23.070 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Joe Parker

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

27

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633448
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,168
Miles : 0
Tons : 45,132.61

Truck :RIC 49 RICCELLI
Material:163 SELECT FILL TON

Gross: 76490 lb Scale 1 Out11:11 am
Tare: 29420 lb STORED In

Net: 47060 lb
23.530 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633449
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,169
Miles : 0
Tons : 45,155.15

Truck :RIC 54 RICCELLI
Material:163 SELECT FILL TON

Gross: 75180 lb Scale 1 Out11:15 am
Tare: 30100 lb STORED In

Net: 45080 lb
22.540 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633446
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,166
Miles : 0
Tons : 45,086.84

Truck :RIC 305 RICCELLI
Material:163 SELECT FILL TON

Gross: 77000 lb Scale 1 Out11:08 am
Tare: 30280 lb STORED In

Net: 46720 lb
23.360 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Joe Sodaro

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $

Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633447
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,167
Miles : 0
Tons : 45,109.08

Truck :RIC 306 RICCELLI
Material:163 SELECT FILL TON

Gross: 74980 lb Scale 1 Out11:10 am
Tare: 30500 lb STORED In

Net: 44480 lb
22.240 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

RT 306

Material $
Delivery $
Misc $
Tax $

Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633427
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,164
Miles : 0
Tons : 45,041.71

Truck :RIC 54 RICCELLI
Material:163 SELECT FILL TON

Gross: 75340 lb Scale 1 Out10:22 am
Tare: 30100 lb STORED In

Net: 45240 lb
22.620 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Harlie 1788

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633433
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,165
Miles : 0
Tons : 45,063.48

Truck :RIC 30 RICCELLI
Material:163 SELECT FILL TON

Gross: 72860 lb Scale 1 Out10:39 am
Tare: 29320 lb STORED In

Net: 43540 lb
21.770 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Kurt 1189

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8088 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633419
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418 .

SYRACUSE,NY 13217

Order No : 1

Loads : 2,162
Miles : 0
Tons : 44,995.56

Truck :RIC 306 RICCELLI
Material:163 SELECT FILL TON

Gross: 77960 lb Scale 1 Out10:11 am
Tare: 30500 lb STORED In

Net: 47460 lb
23.730 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $

Total $

A1 306

T H KINSELLA, INC.
8088 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633422
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,163
Miles : 0
Tons : 45,019.09

Truck :RIC 49 RICCELLI
Material:163 SELECT FILL TON

Gross: 76480 lb Scale 1 Out10:14 am
Tare: 29420 lb STORED In

Net: 47060 lb
23.530 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $

Total $

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T H KINSELLA, INC.
8046 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633408
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,160
Miles : 0
Tons : 44,947.50

Truck :RIC 30 RICCELLI
Material:163 SELECT FILL TON

Gross: 72860 lb Scale 1 Out 9:39 am
Tare: 29320 lb STORED In
Net: 43540 lb
21.770 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Kevin 1189

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8046 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633418
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,161
Miles : 0
Tons : 44,971.83

Truck :RIC 305 RICCELLI
Material:163 SELECT FILL TON

Gross: 78940 lb Scale 1 Out10:11 am
Tare: 30280 lb STORED In
Net: 48660 lb
24.330 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Joe Parker

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633402
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,158
Miles : 0
Tons : 44,902.74

Truck :RIC 54 RICCELLI
Material:163 SELECT FILL TON

Gross: 75540 lb Scale 1 Out 9:24 am
Tare: 30100 lb STORED In

Net: 45440 lb
22.720 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Charlie 1988

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633403
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,159
Miles : 0
Tons : 44,925.73

Truck :RIC 39 RICCELLI
Material:163 SELECT FILL TON

Gross: 74300 lb Scale 1 Out 9:25 am
Tare: 28320 lb STORED In

Net: 45980 lb
22.990 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

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T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633397
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,156
Miles : 0
Tons : 44,856.43

Truck :RIC 306 RICCELLI
Material:163 SELECT FILL TON

Gross: 74840 lb Scale 1 Out 9:14 am
Tare: 30500 lb STORED In

Net: 44340 lb
22.170 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

A1 306

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633400
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,157
Miles : 0
Tons : 44,880.02

Truck :RIC 49 RICCELLI
Material:163 SELECT FILL TON

Gross: 76600 lb Scale 1 Out 9:21 am
Tare: 29420 lb STORED In

Net: 47180 lb
23.590 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633384
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2.154
Miles : 0
Tons : 44,810.53

Truck :RIC 30 RICCELLI
Material:163 SELECT FILL TON

Gross: 72980 lb Scale 1 Out 8:41 am
Tare: 29320 lb STORED In

Net: 43660 lb
21.830 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Kurn1189

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633396
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,155
Miles : 0
Tons : 44,834.26

Truck :RIC 305 RICCELLI
Material:163 SELECT FILL TON

Gross: 77740 lb Scale 1 Out 9:12 am
Tare: 30280 lb STORED In

Net: 47460 lb
23.730 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Joe Parker

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T-H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633379
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,152
Miles : 0
Tons : 44,767.58

Truck :RIC 39 RICCELLI
Material:163 SELECT FILL TON

Gross: 73640 lb Scale 1 Out 8:30 am
Tare: 28320 lb STORED In
Net: 45320 lb
22.660 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633382
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,153
Miles : 0
Tons : 44,788.70

Truck :RIC 61 RICCELLI
Material:163 SELECT FILL TON

Gross: 69740 lb Scale 1 Out 8:40 am
Tare: 27500 lb STORED In
Net: 42240 lb
21.120 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633373
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2.150
Miles : 0
Tons : 44,722.98

Truck :RIC 49 RICCELLI
Material:163 SELECT FILL TON

Gross: 74260 lb Scale 1 Out 8:21 am
Tare: 29420 lb STORED In
Net: 44840 lb
22.420 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $	
Delivery $	
Misc $	
Tax $	
Total $	

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633374
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,151
Miles : 0
Tons : 44,744.92

Truck :RIC 54 RICCELLI
Material:163 SELECT FILL TON

Gross: 73980 lb Scale 1 Out 8:22 am
Tare: 30100 lb STORED In
Net: 43880 lb
21,940 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Charlie 1788

Remarks: WATER ST.

Material $	
Delivery $	
Misc $	
Tax $	
Total $	

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633371
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,148
Miles : 0
Tons : 44,677.84

Truck :RIC 305 RICCELLI
Material:163 SELECT FILL TON

Gross: 76840 lb Scale 1 Out 8:17 am
Tare: 30280 lb STORED In

Net: 46560 lb
23.280 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Joe Parker

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633372
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,149
Miles : 0
Tons : 44,700.56

Truck :RIC 306 RICCELLI
Material:163 SELECT FILL TON

Gross: 75940 lb Scale 1 Out 8:19 am
Tare: 30500 lb STORED In

Net: 45440 lb
22.720 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

11306

38

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633355
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,146
Miles : 0
Tons : 44,632.36

Truck :RIC 61 RICCELLI
Material:163 SELECT FILL TON

Gross: 70240 lb Scale 1 Out 7:39 am
Tare: 27500 lb STORED In

Net: 42740 lb
21.370 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: John Walden

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633356
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,147
Miles : 0
Tons : 44,654.56

Truck :RIC 30 RICCELLI
Material:163 SELECT FILL TON

Gross: 73720 lb Scale 1 Out 7:39 am
Tare: 29320 lb STORED In

Net: 44400 lb
22.200 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Kurt 1189

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

39

T H KINSELLA, INC.
8088 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633349
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,143
Miles : 0
Tons : 44,566.45

Truck :RIC 54 RICCELLI
Material:163 SELECT FILL TON

Gross: 76880 lb Scale 1 Out 7:16 am
Tare: 30100 lb STORED In

Net: 46780 lb
23.390 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Charlie 1788

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8088 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633353
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,145
Miles : 0
Tons : 44,610.99

Truck :RIC 39 RICCELLI
Material:163 SELECT FILL TON

Gross: 72380 lb Scale 1 Out 7:34 am
Tare: 28320 lb STORED In

Net: 44060 lb
22.030 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

40

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

894.04

Ticket No :633348
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,142
Miles : 0
Tons : 44,543.06

Truck :RIC 305 RICCELLI
Material:163 SELECT FILL TON

Gross: 78300 lb Scale 1 Out 7:14 am
Tare: 30280 lb STORED In

Net: 48020 lb
24.010 tn

Weigh Master: JK Jeff Kinsella 310195

Driver: Joe Parker

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE,NY 13066-0007

Ticket No :633350
Date :12/12/06
Phone :(315)637-3390
Fax :(315)637-1808

Customer: RIC 4
RICCELLI ENTERPRISES, INC.
P O BOX 6418

SYRACUSE,NY 13217

Order No : 1

Loads : 2,144
Miles : 0
Tons : 44,588.96

Truck :RIC 306 RICCELLI
Material:163 SELECT FILL TON

Gross: 75520 lb Scale 1 Out 7:20 am
Tare: 30500 lb STORED In

Net: 45020 lb
22.510 tn

Weigh Master: JK Jeff Kinsella 310195

Driver:

Remarks: WATER ST.

Material $
Delivery $
Misc $
Tax $
Total $

M306

ATTACHMENT G

RESUMES OF KEY PERSONNEL

BDA BEARDSLEY DESIGN ASSOCIATES

Architecture, Engineering & Landscape Architecture, P.C.

Daniel Bishuk, Jr., CPG

Senior Geologist / Environmental Project Manager

Education: M.A. Geology; State University of New York, College at Oneonta; 1989
Major: Sedimentology/Stratigraphy; Minor: Hydrogeology/Environmental Geology.
B.S. Geology; State University of New York, College at Cortland; 1985
A.A. Earth Science; Ulster County Community College, Stone Ridge, New York; 1983

Employment: <1 year with BDA, 17 years with other firms

Active Registrations: Certified Professional Geologist; American Institute of Professional Geologists (National License Number- CPG #10597)
NYSDOL Asbestos Inspector (#06-12598)

Specialized Training: OSHA Hazardous Waste Operations and Emergency Response
First Aid and CPR Certification
Confined Space Entry Certification

BDA Role: As Senior Geologist and Project Manager , Mr. Bishuk is responsible for the technical and administrative aspects of the firm's environmental services, including environmental site assessments, surface and subsurface site characterization, groundwater monitoring, soil and groundwater remediation, sediment studies, hydrogeologic and water supply investigations, various bedrock geologic studies, and coordination of non-hazardous and hazardous waste materials disposal.

Experience Overview: Mr. Bishuk is a senior geologist with 17 years of experience in performing the aforementioned environmental experiences. He has performed these services at various facilities in the USA and Canada including petroleum retail, terminal, and pipeline facilities; military installations; electrical substations; manufacturing and industrial facilities; and shipping ports. Mr. Bishuk's most noted accomplishments include:

- Completed countless Phase I and Phase II Environmental Property Assessments and National Environmental Policy Act Environmental Affects Surveys.
- Supervised boat-mounted vibracore drilling operations and barge-mounted fluid rotary drilling operations for the characterization of estuarine/marine sediment.
- Implemented environmental tasks for the reconstruction/upgrade of over 100 gasoline retail facilities.
- Supervised countless underground storage tank closure investigations.
- Designed permitted, and implemented field programs for the assessment and evaluation of the fate and transport of chemical constituents in the subsurface, compilation and interpretation of field data, and determining applicable remedial alternatives.
- Supervised and drilling operations and soil characterization of countless soil borings, monitoring wells, and recovery wells in overburden and bedrock.
- Conducted field data acquisition and pumping test analyses of potable water supply investigations designed for high volume municipal and residential consumption.

BDA BEARDSLEY DESIGN ASSOCIATES
Architecture, Engineering & Landscape Architecture, P.C.

Daniel Bishuk, Jr., CPG

Senior Geologist / Environmental Project Manager

Professional Career Experience:

Hydrogeologic Investigations—

Experienced in field data acquisition and reporting of:

- 72- and 90-hour constant-rate aquifer pumping tests
- Constant head pumping tests
- Bail-down and slug tests

Experienced in hydrogeologic data reduction and analysis techniques for the calculation of aquifer parameters using the following methodologies:

- Theis
- Cooper-Jacob
- Jacob Straight-Line Time-Drawdown Solution
- Jacob Distance-Drawdown Solution
- Hvorslev Constant-Head Solution.

Other selected hydrogeologic experiences include:

- Analyzed aerial photographs for the identification and distribution of bedrock fractures and glacial landforms.
- Delineated well head protection areas utilizing Connecticut Level A and B aquifer mapping regulations for stratified drift aquifers within municipal well fields.
- Simulated and predicted cones of groundwater depression and salt water encroachment for the expansion of a major potable water supply well field at Montauk Point, Long Island, New York.

Site Characterization—Experienced in Phase I and II environmental property assessments conducted to American Society of Testing and Materials standards and National Environmental Policy Act Environmental Affects Surveys for the identification of site environmental liabilities in conjunction with impending property transfers. Initial Phase I and National Environmental Policy Act investigations involved the compilation, interpretation, and written summary of environmental-related field data, interview findings, and environmental database records.

Conducted Phase I investigations at a variety of facilities including:

- chemical and industrial manufacturing facilities
- oil change service centers
- retail gasoline stations
- agricultural lots and farm/feed retail centers
- retail business facilities
- restaurants.

National Environmental Policy Act Environmental Affects Surveys were conducted mainly at proposed properties for new construction of cellular communications towers.

Daniel Bishuk, Jr., CPG

Senior Geologist / Environmental Project Manager

Professional Career Experience (continued):

Phase II investigations involved subsurface site characterization, contaminant plume delineation, and sensitive receptor risk evaluation of subsurface utilities and basements. Responsibilities included:

- Project plan development (work proposals, health and safety plans, and field sampling and analysis plans)
- Logistical planning and field execution of various subcontractors (i.e., drillers, laboratories, and excavators)
- Compilation and interpretation of data
- Technical report writing.

Mr. Bishuk has interacted with client and regulatory officials on routine projects and projects with high regulatory scrutiny. Site characterization experience included supervision of drilling of geoprobe points, soil borings, and monitoring wells in overburden and bedrock materials utilizing the following drilling technologies:

- Hydraulic direct-push methods
- Air and mud rotary techniques
- Spun casing
- Rotary hollow stem augers.

Other important site characterization experience included:

- Underground storage tank removals
- Post-excavation confirmatory soil sampling
- Landfill disposal waste characterization permit acquisition
- Underground storage tank closure reports.

Site Remediation—Experienced in the design, field pilot testing, installation, operation, monitoring, and maintenance of soil and groundwater remedial systems. Prepared remedial action plans, discharge permits applications, system startup reports, and remedial performance updates. Experienced in the installation and development of recovery wells, soil vapor extraction points, sparge/vent couplets, and high vacuum extraction wells. Remedial experience specifically included:

- Groundwater recovery and treatment
- *In situ* and *ex situ* soil vapor extraction systems
- Aquifer air sparge systems (with and without ozone)
- Separate– and dual-phase extraction systems,
- Bioslurp and total-phase extraction systems utilizing various high vacuum equipment.
- Bioremediation technologies
- Off-gas treatment units such as catalytic and thermal oxidation units, biofilter units, and vapor-phase granular activated carbon canisters
- Risk-based corrective action and natural biodegradation approaches.

Daniel Bishuk, Jr., CPG

Senior Geologist / Environmental Project Manager

Professional Career Experience (continued):

Sediment Investigations and Graduate Studies—Performed field supervision of several coastal investigations aboard boat-mounted vibracore drilling operations and barge-mounted fluid rotary drilling operations in various locations in the New York Bight area, including the Upper New York-New Jersey Harbor, Newark Bay/Staten Island Kills complex, Hudson River, East River, and Flushing Bay. These projects involved the collection, description, compositing, and containerization of estuarine/coastal sediment for chemical analysis and physical characterization to support the dredging, processing, and disposal or beneficial use of dredged material for shipping channel deepening/dredging projects.

Mr. Bishuk focused his master's graduate studies in modern and ancient depositional environments, coastal and estuarine geology, and glacial geomorphology, and sedimentation, and has a working knowledge of modern erosional and depositional processes, and recognition of sedimentary structures and shoreline geomorphic landforms.

Professional Publications and Presentations:

Bishuk, D., Jr., J. Hairabedian, and J.R. Ebert. 2003. Coastal margin interfluve paleosols and their stratigraphic relationship with tidally-influenced deltaic deposits in the Sonyea Group (Frasnian) of northwestern Delaware County, New York. New York State Geological Association, 75th Annual Meeting, Field Trip Guidebook, 12-14 September, p. 55-101.

Bishuk, D., Jr., J.R. Ebert, and R. Applebaum. 1991. Storm-dominated shelf and tidally-influenced foreshore sedimentation, Upper Devonian Sonyea Group, Bainbridge to Sidney Center, New York. New York State Geological Association, 63rd Annual Meeting, Field Trip Guidebook, 18-20 October. p. 413-462.

Bishuk, D., Jr. 1989. Nondeltaic, marginal-marine processes and products in the Catskill clastic wedge, Upper Devonian Sonyea Group, south-central New York. Master's Thesis in Geology, State University of New York, College at Oneonta. 159 p.

Presentation of Master's Thesis. 1989. 24th Annual Meeting of the Geological Society of America, Northeastern Section, Rutgers University, Edison, New Jersey. March.

Presentation of Master's Thesis. 1988. 1st Annual Central Canada Geological Conference, University of Western Ontario, London, Ontario, Canada. November.

BDA BEARDSLEY DESIGN ASSOCIATES

Architecture, Engineering & Landscape Architecture, P.C.

Richard D. McKenna

Project Manager/Environmental Engineer

Education: BS Chemical Engineering, Clarkson University, 1994

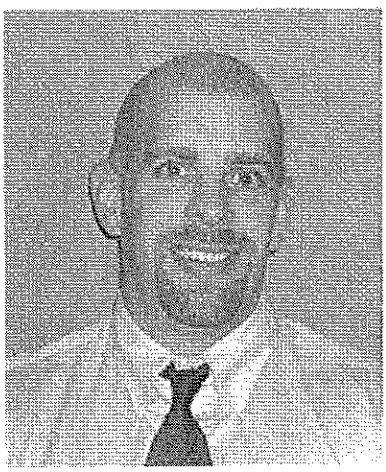
Employment: 6 years with BDA, 5 years with other firms

Active Registrations: Hazardous Waste Operations and Emergency Response (#136933)
NYSDOL Asbestos Inspector (#AH-01-16111)
OSHA Confined Space
OSHA Lock Out/Tag Out
American Red Cross First Aid (#653999)

Memberships: American Chemical Society

As Project Manager and Environmental Discipline Head, Mr. McKenna is responsible for the technical aspects of the firm's environmental services, including assessments, subsurface investigations, groundwater monitoring and hazardous materials.

Syracuse Industrial Development Agency
City Crossroads Park (NYSDEC Brownfield Project No. B-00146-7)
Mr. McKenna is responsible for the technical aspects of the 10-acre Brownfield project located in the former Erie Canal corridor. Activities include the development of health and safety plans, subcontractor procurement, sampling plans, evaluation of analytical laboratory data, and coordination of third party data validation. Mr. McKenna is also providing funding assistance services, including grant writing. Investigations have included sampling of groundwater and soil for polychlorinated biphenyls, metals, petroleum compounds, and asbestos. The project has added complexity due to current mulching operations located on the western half of the property.



City of Syracuse
Brown Manufacturing (NYSDEC Brownfield Project No. B-00024-7)
Mr. McKenna was responsible for the Site Investigation/Remedial Alternatives Report (SI/RAR), currently under review by the NYSDEC. Mr. McKenna will lead the remedial design once the Record of Decision is received. Remediation of the site, which is located in a residential neighborhood, will include petroleum and PCB-contaminated soil and groundwater.

Phase I and Phase II Environmental Site Assessments
Various Locations
Mr. McKenna maintains client relationships with attorneys, real estate developers, and financial lending institutions and has over the past three years has performed over 150 site assessments for project locations throughout the United States. Over this time, assessments were performed for commercial, housing, and industrial properties in New York, Massachusetts, Rhode Island, Connecticut, Ohio, and Colorado.

Richard D. McKenna

Project Manager/Environmental Engineer

Electronics Park, LLC
Electronics Park Redevelopment
Syracuse, New York
Mr. McKenna is responsible for evaluating analytical data for the on-going stormwater monitoring program associated with the SPDES permit for this project, and coordinating additional monitoring events when parameters exceed permitted limits.

Agway Energy Products
Former Petroleum Bulk Plant
Angola, New York
As the Project Manager, Mr. McKenna coordinated the firm's environmental services to the client for subsurface investigations, groundwater monitoring, and remedial actions. Mr. McKenna was responsible for health and safety plans, sampling plans, QA/QC Plans, negotiations with the NYSDEC, client contact, management of the firm's field staff, and evaluation of analytical data.

Town of Mentz
Landfill Monitoring
Mentz, New York
For the second consecutive year, Mr. McKenna is responsible for Environmental Monitoring and Reporting Services compliance with the NYSDEC 6NYCRR Part 360 Permit issued to the Town of Mentz landfill. Mr. McKenna was instrumental in obtaining a variance from the NYSDEC for reduction of the scope of the post-closure monitoring of groundwater and landfill gas.

Finger Lakes Mall Phase I/II Environmental Assessments and Remedial Actions
Bass Pro Shop Expansion
Town of Aurelius, New York
Mr. McKenna was responsible for the preparation of the Phase I Environmental Site Assessment, which identified potential soil and groundwater impacts resulting from historic use of the site for vehicle maintenance. Mr. McKenna subsequently developed a Phase II Environmental Assessment program which identified petroleum-contaminated soil. Mr. McKenna worked closely with the developer, NYSDEC, remediation contractor, analytical laboratory, and landfill and to quickly prepare and execute a remedial plan that allowed site development to proceed on schedule.

Emergency Lighting System Upgrades
Tappan Zee Bridge
Tarrytown, New York
Beardsley Design Associates was hired to review and evaluate the failure of the emer-

gency lighting system at the Tappan Zee Bridge, which spans the Hudson River approximately 20 miles north of Manhattan. As a Project Engineer, Mr. McKenna collected oil samples from several oil-bathed fuse assemblies along the span of the bridge, suspected of containing PCBs. In addition, Mr. McKenna performed demolition asbestos surveys of assemblies to be demolished. Sampled materials included wire insulation, caulk, roofing materials, and pressboard. Upon receipt of the laboratory analyses, BDA prepared abatement design drawings and specifications.

Demolition Asbestos Survey
Genesee Inn
Syracuse, New York
As Project Manager, Mr. McKenna was responsible for the demolition asbestos survey of the entrance lobby of this historic building. Laboratory analysis was performed with a one-hour turnaround, and verbal conclusions were provided same-day in order to meet the client's scheduled demolition date.

Asbestos Operations & Maintenance Manuals
Various Locations throughout New York State
Mr. McKenna has served as both Project Engineer and Project Manager for several asbestos operations and maintenance projects, including hospitals, office buildings, private schools, and historic hotels. The objective of the Asbestos Operations & Maintenance (O&M) Program is to minimize building occupants' exposure to airborne fibers that may be associated with known and suspect asbestos-containing materials (ACMs) at the site. To accomplish this objective, an asbestos survey is performed at the site in accordance with NYS Code Rule 56. Based on the results of laboratory analysis, a site-specific Asbestos O&M Manual is prepared, which sets forth guidelines for: conducting periodic surveillance of the known and suspect ACMs; maintaining the known and suspect ACMs in good condition; reporting damage, disturbance, and deterioration of the known and suspect ACMs; and conducting asbestos abatement and cleanup of asbestos dust/debris, as necessary.

Asbestos Demolition Survey and Abatement Design
Marketplace Mall
Cicero, New York
Mr. McKenna served as the Project Manger for this project. Portions of the 440,000 SF Marketplace Mall were to be demolished, while other portions of the building were to be substantially renovated. Since floor plans of the building were not available, BDA measured building components and prepared to-scale drawings of the entire facility, including tenant spaces. Six tenant spaces were occupied at the time of the survey; therefore, BDA conducted pre-survey meetings with tenants to discuss public percep-

tion issues and sampling locations and techniques. The purpose of the asbestos survey was to identify the types, locations, conditions, and approximate quantities of ACM before the commencement of demolition/renovation activities. Based on the results of the survey, BDA prepared an Asbestos Abatement specification, and Asbestos Air Sampling and Analysis specification, and detailed drawings. The colored drawings included scaled floor/roof plans and notes in order to specify the asbestos abatement work required.

Review of Suspect ACM and Asbestos Consulting Services
Future Lyons National Bank Site
Penn Yan, New York
The subject site consisted of eight separate parcels. The parcels supported a total of seven single- and multi-family homes, two commercial buildings, and four garages. Since the buildings were to be demolished for the development of the branch bank, the client requested BDA to perform a visual review of suspect asbestos-containing building materials. Based on the results of the visual inspection performed by Mr. McKenna, BDA assisted the client with the development of scope alternatives for abatement and demolition services.

Limited Asbestos Survey
Maurice Schwartz Towers
Auburn, New York
The purpose of the Limited Asbestos Survey was to identify the types, locations, conditions, and approximate quantities of asbestos-containing material (ACM) at the subject building related to the installation of new rooftop HVAC equipment and expansion of the rooftop stairwell enclosure. Mr. McKenna served as an Asbestos Building Inspector for the project.

Alfred University
SPCC Plan
Mr. McKenna prepared an update to the 2001 SPCC because of changes in the regulations and because of modifications to facilities at the University. Mr. McKenna worked closely with University staff to collect information and to develop spill prevention strategies and practices and procedures for countermeasures in the event that a spill occurred. The Plan encompassed the educational campus, which consists of 66 buildings, and a separate Motor Pool parcel.

ATTACHMENT G

Example BCP Document Repository Letter

BEARDSLEY DESIGN ASSOCIATES
Architecture, Engineering & Landscape Architecture, P.C.

431 East Fayette Street
Syracuse, New York 13202
Phone: 315-472-6980
Fax: 315-472-3523
E-mail: bda@beardsley.com
www.beardsley.com

Richard C. Elliott, P.E.
Hamilton G. Garnsey, P.E.
John W. Drury, P.E.
Raymond N. Cudney, P.E.
Steven F. Moolin, R.A.
Thomas R. Redmond, A.I.A.
1957-2005

May 9, 2007

Local History Department
Onondaga County Public Library
447 South Salina Street
Syracuse, New York 13202

RE: Document Repository
Proposed BCP Project
700 Out Parcel, LLC
City of Syracuse, New York

To Whom It May Concern:

This letter shall serve as a formal acknowledgement that the Local History Department of the Onondaga County Public Library shall be designated as the document repository for all correspondence and data transmittals for the proposed Brownfield Cleanup Program project located at 701-709 East Water Street in the City of Syracuse.

Thank you for your assistance.

Sincerely yours,

BEARDSLEY DESIGN ASSOCIATES

Richard D. "Rico" McKenna
Project Engineer

ATTACHMENT H

Unified Soil Classification System Chart

MAJOR DIVISIONS			GRAPH SYMBOL	LETTER SYMBOL	TYPICAL DESCRIPTIONS
COARSE GRAINED SOILS — MORE THAN 50 % OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	GRAVEL AND GRAVELLY SOILS — MORE THAN 50 % OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES
				GP	POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES
		GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GM	SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES
				GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
	SAND AND SANDY SOILS — MORE THAN 50% OF COARSE FRACTION PASSING NO. 4 SIEVE	CLEAN SAND (LITTLE OR NO FINES)		SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
				SP	POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SM	SILTY SANDS, SAND-SILT MIXTURES
				SC	CLAYEY SANDS, SAND-CLAY MIXTURES
FINE GRAINED SOILS — MORE THAN 50 % OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50		ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS	LIQUID LIMIT GREATER THAN 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
				CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
				OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS				PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

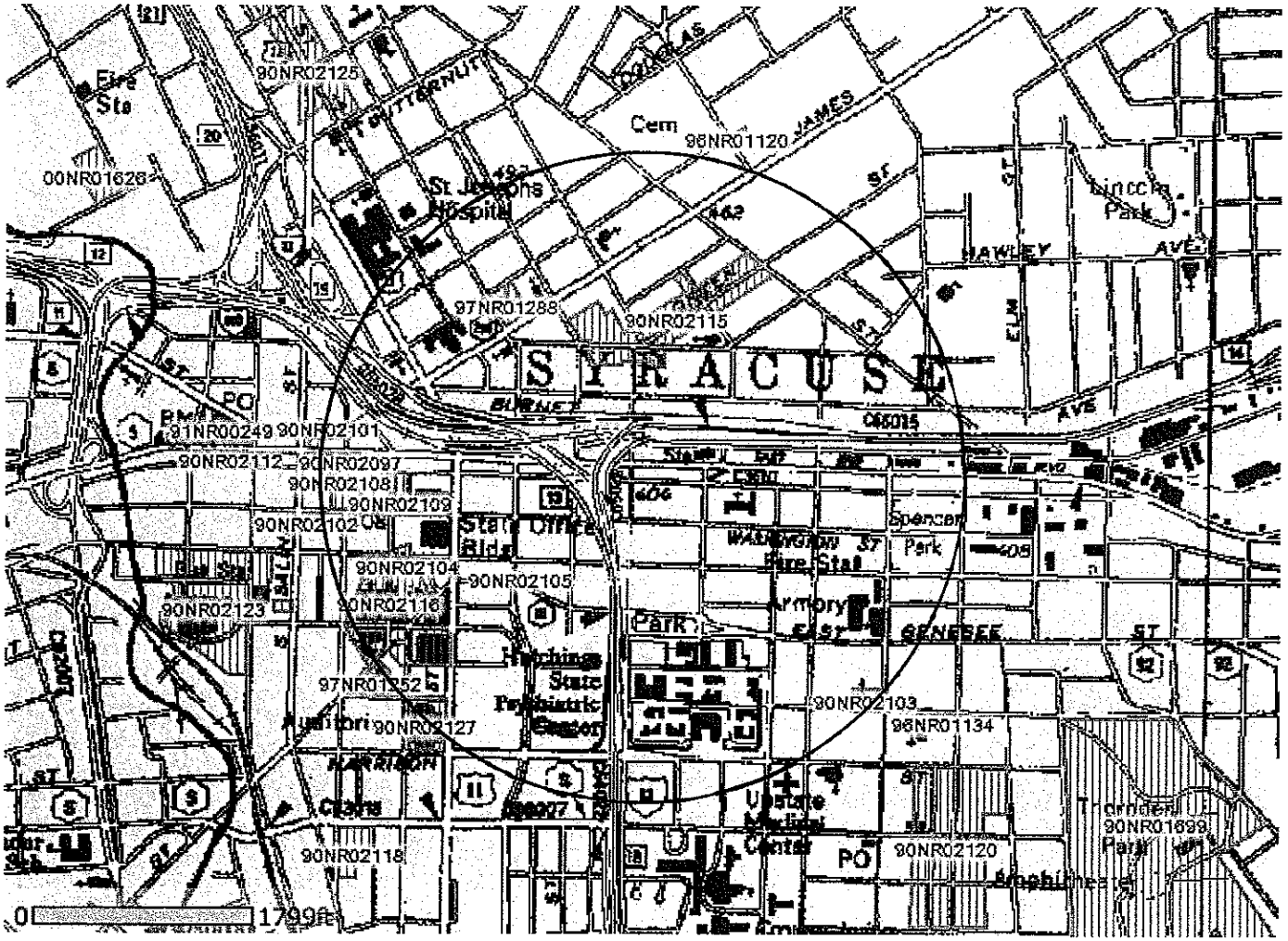
NOTE: DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS.

SOIL CLASSIFICATION CHART

UNIFIED SOIL CLASSIFICATION SYSTEM

ATTACHMENT I

City of Syracuse Map of Historical Sites



CIRCLE AREA = 0.5-Mile Radius From Subject Site