

**AT-GRADE AND SUB-GRADE
DEMOLITION PHASE ENVIRONMENTAL REPORT**

**300, 304-308, 320 ANDREWS STREET AND 25 EVANS STREET
ROCHESTER, NEW YORK**

NYSDEC SITE # E828144

Prepared For: City of Rochester
Division of Environmental Quality
30 Church Street, Room 300B
Rochester, New York, 14614-1278

Prepared By: Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614

Project #: 4265S-09

Date: May 2011

**AT-GRADE AND SUB-GRADE
DEMOLITION PHASE ENVIRONMENTAL REPORT**

**300, 304-308, 320 ANDREWS STREET AND 25 EVANS STREET
ROCHESTER, NEW YORK**

NYSDEC SITE # E828144

Nathan E. Simon
Project Engineer

Jeffrey A. Danzinger
Project Manager

TABLE OF CONTENTS

1.0	INTRODUCTION	1
1.1	Background	1
1.2	Previous Environmental Studies	2
1.3	Overburden Stratigraphic Conditions and Characteristics of the Site	4
1.4	Proposed Future Use of Site	4
1.5	Objectives	4
1.6	Applicable Project Standards, Criteria and Guidance	5
1.7	Deviations From the Work Plan	5
2.0	DEMOLITION PHASE ENVIRONMENTAL SERVICES	6
2.1	Site Preparation	6
2.2	Above-Grade Demolition	7
2.3	Global Positioning System and Geographical Information System	7
2.4	At-Grade and Sub-Grade Building Demolition and Removal	7
2.4.1	Decon Pad	8
2.4.2	Dewatering	8
2.4.3	CAMP and HASP Air Monitoring	8
2.4.4	Real-Time Screening of At-Grade and Sub-Grade Demolition Material	9
2.4.5	At-Grade and Subsurface Structures	11
2.4.6	Hard Material Sampling and Characterization	13
2.4.7	Free Product and Grossly Contaminated Media	15
2.5	Post-Foundation/Slab Removal Soil Sampling and Analysis	15
2.6	Quality Assurance/Quality Control Samples and Data Usability Summary Report	18
2.7	Backfilling of Excavations	18
3.0	PROJECT SUMMARY	20
4.0	ACRONYMS	21

FIGURES

Figure 1	Project Locus Map
Figure 2	Aerial Site Plan with Parcel Boundaries
Figure 3	Site Plan – Leader Phase II ESA Test Locations
Figure 4	Site Plan – At-Grade and Sub-Grade Structures
Figure 5	Foundation Walls, Footers and Concrete Slabs Left In-Place
Figure 6	Site Plan – Sample Locations
Figure 7	Site Plan – Summary of Analytical Laboratory Results

TABLES

Table 1	Sample Log
Table 2	Waste Disposal Tracking Log
Table 3	Subsurface Structure Attributes
Table 4	Summary Of Detected VOCs - Hard Materials
Table 5	Summary Of Detected VOCs – Soil and Fill Samples
Table 6	Summary Of Detected SVOCs – Soil and Fill Samples
Table 7	Summary Of Detected Metals and Cyanide – Soil and Fill Samples
Table 8	Summary Of Detected Pesticides and PCBs – Soil and Fill Samples

APPENDICES

Appendix A	Photograph Log
Appendix B	Demolition Material Disposal Documentation
Appendix C	AST Disposal Documentation
Appendix D	Specialty Short Term Discharge Permit ST-171
Appendix E	Data Usability Summary Report and Analytical Laboratory Reports
Appendix F	Daily Site Observation Reports
Appendix G	Backfill Documentation

1.0 INTRODUCTION

Day Environmental, Inc. (DAY) prepared this At-Grade and Sub-Grade Demolition Phase Environmental Report (Demolition Report) for four adjacent parcels with a combined area of approximately 1.49 acres that are addressed as 300, 304-308, 320 Andrews Street and 25 Evans Street, City of Rochester, County of Monroe, New York (Site). A project locus map is provided as Figure 1. This Demolition Report was developed for the City of Rochester (City) under the New York State Department of Environmental Conservation (NYSDEC) Environmental Restoration Program (ERP).

Prior to initiating demolition activities at the Site, DAY developed the “At-Grade and Sub-Grade Demolition Phase Environmental Work Plan” dated October 2010 (Work Plan) using guidance from the NYSDEC document titled “*DER-10, Technical Guidance for Site Investigation and Remediation*” dated May 2010. Following NYSDEC review and approval of the Work Plan, DAY conducted various environmental monitoring, observation and sampling activities during the at-grade and sub-grade demolition of the on-site structures in accordance with the NYSDEC approved Work Plan. This Demolition Report summarizes the environmental conditions, environmental monitoring, sampling, analytical results, documentation and implemented health and safety provisions that were observed/conducted during at-grade and below-grade demolition activities associated with the disturbance of subsurface media at the Site. Environmental monitoring/sampling activities were not warranted during the demolition of the above-grade portions of the on-site buildings. However, periodic Site visits were conducted by DAY during above-grade demolition to document demolition progress and provide direct communication with the involved parties.

[Note: The demolition of the Site buildings was not part of the State Assistance Contract (SAC). The demolition was managed and procured under a separate contract by the City of Rochester Department of Neighborhood and Business Development. However, SAC funds will be utilized during the demolition of the building slabs and foundations remaining in-place.]

1.1 Background

The Site was formerly improved with four vacant buildings with associated paved parking lots and city streets. Currently, the city streets (i.e., Evans and Bristol Streets) and select portions of at-grade and sub-grade building structures (i.e., footers, basement walls, slab-on-grade slabs, etc.) remain in-place. Evans Street is a narrow city street that separates the 320 Andrews Street parcel from the remaining three contiguous parcels. Evans Street is not currently used for vehicle traffic; however, it does contain underground utilities (e.g., sewer). Bristol Street borders the western portion of the Andrews Street Site and is a narrow alley with underground utilities. The four former buildings had a total floor area of approximately 38,300 square feet and consisted of single and two-story brick or concrete block buildings with partial basements and/or slab-on-grade construction, constructed between 1925 and 1965. An aerial view of the Site, prior to building demolition, with parcel boundaries and street designations is provided as Figure 2.

The Site is located in a commercial-use urban area in downtown Rochester, New York. The Site is bounded to the north by the Inner Loop highway, to the east by a city park, to the south by Andrews Street with commercial properties beyond, and to the west by Bristol Street with commercial properties beyond.

The Site and surrounding area are generally level with the exception of the road cut associated with the Inner Loop to the north that is approximately 15 feet lower in elevation. The Genesee River is located approximately 1,600 feet west of the Site. Prior to demolition, surface water appeared to flow off the Site toward Andrews Street to the South and into the City of Rochester sewer system. Based on the Phase II Environmental Site Assessment (Phase II ESA) (refer to Section 1.2) groundwater appears to flow north toward the Inner Loop highway. The groundwater flow direction may be influenced locally due to buried utilities, seasonal conditions, or other factors.

1.2 Previous Environmental Studies

The previous environmental assessments and studies completed at the Site are summarized below.

Phase I Environmental Site Assessments (Phase I ESAs)

In June 2006, a Phase I ESA was completed for each of the four parcels that comprise the Site. In addition, environmental assessments, a Phase I ESA, and asbestos surveys were performed on portions of the Andrews Street site between 1990 and 2005. These reports identified that the Site has been used for various commercial and industrial purposes since the early 1920s, including plumbing supply, electrical supply, bakery, printer, commercial bus depot and bus repair garage, gasoline station, chemical sales/distribution, dry cleaning equipment distributor, fuel oil contractor, and warehousing. Recognized environmental conditions (RECs) identified in the previous Phase I ESAs for each parcel are listed below.

25 Evans Street

- ❑ Former vehicle and equipment operations and materials use, including minor floor spills;
- ❑ Two closed in place 5,000-gallon underground storage tanks (USTs) and one out-of-service approximate 3,000-gallon aboveground storage tank (AST) located inside the building;
- ❑ A floor trench drain system inside the building;
- ❑ A former interior below grade vehicle service pit within the concrete floor, partially filled with crushed stone; and
- ❑ Off-site concerns on adjoining properties, including those identified for the other parcels that comprise the Site.

300 Andrews Street

- ❑ Former operations and suspected materials storage or use, including printing, plumbing supply, boiler additives supply, cleaning supply, and ink use;
- ❑ The presence of containers of oil, anti-freeze and paint in the building, and minor floor stains;
- ❑ The building once used ASTs to store fuel oil in the basement; and
- ❑ Off-site concerns on adjoining properties, including those identified for the other parcels that comprise the Site.

304-308 Andrews Street

- ❑ Two out-of-service 275-gallon ASTs in the basement of the building;
- ❑ A floor drain inside the garage area of 308 Andrews St.;
- ❑ Chemical containers in vacant portion of the building;
- ❑ The historic operations and use of the building by a dry cleaning supply company, a chemical distributor, and a printer, including reports of spills and improper disposal practices; and
- ❑ Off-site concerns on adjoining properties, including those identified for the other parcels that comprise the Site.

320 Andrews Street

- ❑ The historic operation and use of the property by a retail gasoline station and by a commercial bus company; and
- ❑ Off-site concerns on adjoining properties, including those identified for the other parcels that comprise the Site.

Phase II Environmental Site Assessment (Phase II ESA)

A Phase II ESA of the Site was performed by Leader Professional Services, Inc. (Leader) in 2006. The Phase II ESA consisted of the advancement of test borings, the installation of three overburden groundwater monitoring wells, the preliminary evaluation of select floor drains and their point of discharge, and the collection and analysis of soil and groundwater samples. The findings of the Phase II ESA documented soil and groundwater impacted by volatile organic compounds (VOCs), most notably tetrachloroethene, (a/k/a perchloroethene or PCE), that exceeded regulatory criteria. Some suspected petroleum fuel related VOCs were also detected. Refer to Figure 3 for the locations of test borings and monitoring wells advanced as part of the 2006 Phase II ESA. The findings of the Phase II ESA are summarized below:

- ❑ PCE was detected in 19 of the 21 soil samples collected across the Site, eight of which contained PCE concentrations exceeding the NYSDEC Technical Administrative Guidance Manual (TAGM) 4046 Recommend Soil Cleanup Objective (RSCO). These eight samples were collected at interior and exterior locations in proximity to the eastern side of the 304-308 Andrews Street building and included a sample collected from 1 foot below the ground surface that contained a PCE concentration of 3,560 milligrams per kilogram (mg/kg) or parts per million (ppm).
- ❑ PCE breakdown products [i.e., trichloroethene (TCE) and cis-1,2-dichloroethene (cis-1,2-DCE)] were detected in one sample collected east of the 304-308 Andrews Street building at a depth of 3 feet below the ground surface.
- ❑ TCE was detected in a soil sample collected east of the 320 Andrews Street building at a depth of 2.5 feet, and was also detected in a soil sample collected within the western portion of the 25 Evans Street building in proximity to the former vehicle service pit at a depth of 3.5 feet below the ground surface.
- ❑ Polychlorinated biphenyls (PCBs) were not detected in four soil samples that were analyzed.

- ❑ Select soil samples collected within the garage footprint at 25 Evans Street at depths ranging between 2.5 and 6-feet below the ground surface contained concentrations of petroleum related compounds (p-isopropyltoluene, naphthalene, 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene) exceeding NYSDEC TAGM 4046 RSCOs.
- ❑ PCE was detected in groundwater samples from the three on-site monitoring wells located east of the 304-308 Andrews Street building and the 25 Evans Street building at concentrations ranging between 420 micrograms per liter (ug/L) or parts per billion (ppb) and 70,000 ug/L or ppb, which exceeded the NYSDEC TOGS 1.1.1 groundwater standard of 5 ug/L. In addition to PCE, monitoring well MW-2 also contained TCE and cis-1,2-DCE at concentrations exceeding NYSDEC TOGs 1.1.1 standards and guidance values.
- ❑ Evidence of light non-aqueous phase liquid (LNAPL) or dense non-aqueous phase liquid (DNAPL) was not detected at test boring or monitoring well locations.

1.3 Overburden Stratigraphic Conditions and Characteristics of the Site

Based on the findings of the Phase II ESA and the demolition phase work, the Site soils consist of miscellaneous fill materials that are generally underlain by lacustrine deposits and till. The miscellaneous fill deposits consisted of soil with lesser amounts of cinders, coal, ash and construction debris (i.e., wood, brick, concrete). Fill deposits were observed to start at or near the ground surface and extended to approximate depths ranging between 1.5 feet to 8 feet below the ground surface. The lacustrine deposits ranged in type from clay to sand and were found frequently in layers ranging in thickness from less than one-inch to several feet. In general, the lacustrine deposits terminated in a fine sand-silt. Direct-push refusal depth typically ranged from 13 to 15 feet below the ground surface. Hollow stem augers were capable of penetrating further, but a noticeable drop in sample recovery and an increase in gravel content was observed from samples collected at depths greater than 15 feet below the ground surface. It appears that this 15±-foot horizon suggests a boundary between lacustrine deposits and a till layer. Groundwater was found in the overburden at a depth of 11.3 to 12.3 feet below the ground surface. Bedrock was encountered in soil borings at depths of 25.3 and 27 feet below the ground surface.

1.4 Proposed Future Use of Site

The Site is located in the Center City District (CCD), and it is understood that the Site is anticipated to be redeveloped for mixed residential and/or commercial use. Based on the CCD zoning, anticipated mixed-use development scenario, and project phase (i.e., remedial investigation pending) the soil/fill sample analytical results are compared to each of the NYSDEC Part 375 Soil Cleanup Objectives (SCOs).

1.5 Objectives

The objectives of the work documented in this report included:

- ❑ Environmental monitoring and documentation during select demolition activities (i.e., at-grade and sub-grade) of the four vacant buildings on the Site in accordance with the Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP) developed for the Site.

- ❑ Identifying and documenting areas of suspect environmental contamination and structures of concern as well as sampling and analytical laboratory testing of suspected contaminants.

1.6 Applicable Project Standards, Criteria and Guidance

Applicable standards, criteria and guidance (SCG) values that were used for this project are outlined below:

- ❑ Guidelines referenced in the NYSDEC document titled “DER-10 Technical Guidance for Site Investigation and Remediation”, May 2010.
- ❑ Appropriate SCOs and guidelines as set forth in the NYSDEC document titled “6 NYCRR Part 375 Environmental Remediation Programs” dated December 14, 2006.
- ❑ Monroe County Pure Waters (MCPW) Sewer Use Law of Monroe County.

1.7 Deviations From the Work Plan

During the at-grade and sub-grade demolition activities at the Site, the following deviations from the Work Plan were implemented:

- ❑ Twenty test pits were advanced at the Site, including four on the 25 Evans Street parcel;
- ❑ Hard material (e.g., concrete floor slabs and concrete footers) samples were collected and submitted for analytical laboratory testing to assist with waste characterization;
- ❑ A sump in 320 Andrews Street basement, that receives water from a perimeter drain system, was fitted within an approximate 1-foot diameter perforated pipe and used as a dewatering location (designated Modified Sump-1);
- ❑ A concrete footer associated with a steel bollard was inadvertently removed from the 304-308 Andrews Street PCE Interim Remedial Measure IRM area. This structure was subsequently characterized and disposed of at High Acres Landfill and Recycling Center as a regulated non-hazardous waste in accordance with applicable regulations; and
- ❑ Due to the potential of compromising underground utility integrity or undermining of public sidewalks, building foundations and footers bordering streets and right-of-ways were left in-place in accordance with the City demolition specifications. In addition, some portions of foundation and/or slabs were left in-place to minimize disturbance of soil/fill. Refer to Section 2.4.5 for additional information regarding the at-grade and below-grade Site structures left in-place.

2.0 DEMOLITION PHASE ENVIRONMENTAL SERVICES

The demolition activities completed at the Site have prepared the 300, 304-308, 320 Andrews Street and 25 Evans Street parcels for future study and remediation by removing the majority of the former buildings' sub-grade, at-grade and superstructure, as well as paved surfaces. Appendix A provides photographs of the four parcels and Site features during various phases of the demolition work.

Demolition activities were performed by G. Frederico Wrecking (Frederico). The at-grade and sub-grade portion of demolition activities were completed in accordance with the NYSDEC-approved Work Plan. Due to the identified known environmental conditions at the Site, the on-site DAY and Frederico representatives involved with the disturbance of unscreened subsurface materials and media were 40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER) trained in accordance with Occupational Safety and Health Administration (OSHA) 29 CFR 1910.120. In addition, the provisions presented in the site-specific HASP were followed throughout the at-grade and sub-grade demolition activities.

Chemtech Consulting Group Inc. (Chemtech) and Paradigm Environmental Services Inc. (Paradigm), New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified analytical laboratories (NYSDOH ELAP ID #11376 and ID #10958, respectively), analyzed samples (i.e., soil, fill, concrete, etc.) that were collected throughout the duration of the at-grade and sub-grade demolition phase of the project. The sample handling and custody procedures utilized by DAY were in accordance with the Quality Assurance Project Plan (QAPP) included as Appendix B of the Work Plan.

2.1 Site Preparation

Prior to the Site work, site security measures (i.e., construction of a 6-foot high chain-link fence along the perimeter of the Site and a portion of Franklin Square right-of-way (ROW) with two locking gates, steel plates over flush mounted curb boxes and MCPW catch basins, etc.) were implemented in accordance with the City's demolition specifications. Prior to initiating the demolition activities, several kickoff meetings between DAY, the City, and Frederico representatives were conducted on and off-site. During the kickoff meetings, the involved parties were made aware of the known or suspected areas that had the potential to contain contamination, including the following:

- ❑ Beneath, and in proximity to, the east side of the 304-308 parcel where the highest concentrations of chlorinated VOCs, such as PCE, had been detected in near-surface soil samples;
- ❑ Along the west side of the 300 and 304-308 Andrews Street and 25 Evans Street parcels in proximity to an adjoining property to the west (i.e., addressed as 164 North Clinton Avenue) where dry cleaning operations were historically conducted;
- ❑ In proximity to the southeast portion of the 320 Andrews Street parcel where a "filling station", or gasoline station, was historically operated;
- ❑ In proximity to the building on the 25 Evans Street parcel where petroleum compounds and other VOCs have been detected in soil samples collected beneath the floor of the building and the records or observations indicate the presence of former tank systems (i.e., aboveground, and filled-in-place underground), trench drains, and a vehicle service pit; and

- ❑ In proximity to buried utilities that may be acting as preferential migration pathways of contaminants. Specific buried utilities discussed included those along the east side of the 304-308 Andrews Street and the 25 Evans Street parcels (near or within the Evans Street right-of-way) that are present between the apparent chlorinated VOC source in soil and monitoring well MW-1 to the north that contained the highest concentration of chlorinated VOCs in groundwater (refer to Figure 3 for parcel boundary information and groundwater monitoring well locations).

2.2 Above Grade Demolition

On October 9, 2010, Frederico mobilized demolition equipment (i.e., excavator, skid steer, water trailer, etc.) to the Site and began preparing the Site buildings for demolition. Above-grade demolition began on October 13, 2010 and was completed on November 6, 2010. Above-grade demolition included the systematic dismantling of the on-site buildings and subsequent removal of the generated material from the Site in accordance with the City demolition specifications. The metallic building materials were recycled at the Genesee Scrap facility. The non-metallic building materials (i.e., roofing, timbers, insulation, brick, etc.) were recycled at the Dolomite Group Inc (Dolomite) Gates Plant facility.

In addition to superstructure demolition, above-grade demolition included the decommissioning of the 3,000-gallon AST (formerly located inside the 25 Evans Street building) and the two 275-gallon ASTs (formerly located within the basement of the 304-308 Andrews Street building) in accordance with applicable regulations. The decommissioning procedure implemented included temporary staging of the ASTs in an exterior location, removal and disposal of residual liquids and sludge (i.e., free product, water, etc.) vapor displacement via dry ice, and off-site transport and disposal. The City of Rochester Fire Marshal was on-site to observe the vapor displacement, monitoring and off-site transport of the ASTs. Refer to Appendix A for photographs of the ASTs, and Appendix C for copies of applicable AST decommissioning documentation.

2.3 Global Positioning System and Geographical Information System

During the at-grade and sub-grade demolition work, DAY representatives documented various aspects of the work utilizing its Trimble Geo-XH sub-foot accuracy Global Positioning System (GPS) with ESRI ArcPad installed software with Geographic Information System (GIS) shape files that were developed for the Site. In addition, a Trimble GeoBeacon was utilized to perform real-time differential correction of GPS locations during the fieldwork. The GPS and GeoBeacon were used to: reference pre-existing information; determine locations of potential sources of contamination; identify Site features such as Site boundaries and buildings; provide reference to an orthophoto; identify environmental test locations; and provide reference to historical Sanborn maps and Platt maps. The information collected at the Site during the at-grade and sub-grade demolition was subsequently incorporated into the Site's GIS shape files. Periodically, the updated GIS shape files presenting sample locations, structures, and features documented via GPS were provided to the City.

2.4 At-Grade and Sub-Grade Building Demolition and Removal

During at-grade and sub-grade demolition work, DAY provided oversight of the associated activities (i.e., removal of building foundations, footers, slabs, dewatering, etc.). This work included identifying, documenting and locating various Site features via GPS, HASP and CAMP

air monitoring, at-grade and sub-grade media and structure screening, and sample collection for possible analytical laboratory testing. The sample depths of the various locations were referenced to the ground surface at the time of sampling and from an arbitrary datum of 0.0 feet established at a sidewalk adjacent to a hydrant along Andrews Street.

2.4.1 Decon Pad

Prior to at-grade and sub-surface demolition, Frederico constructed a temporary decon pan within the 25 Evans Street building footprint. The decon pad was constructed on top of the concrete slab that was designated to remain in-place (i.e., within the designated UST IRM area) during the demolition phase of the project. The decon pad was approximately 875 square feet, with an approximate 1 foot high, 2 feet wide perimeter berm. Two layers of 6-millimeter reinforced polyethylene plastic sheeting were used to line decon pad. Refer to Figure 4 for the location of the temporary decon pad.

2.4.2 Dewatering

On September 27, 2010, MCPW Specialty Short Term Discharge Permit ST-171 was issued to Frederico for the dewatering of Site features (i.e., basements, excavations, vehicle service pit, etc.) associated with the 300, 304-308, 320 Andrews Street and 25 Evans Street parcels. Refer to Appendix D for a copy of the MCPW sewer permit ST-171. Prior to discharge events under MCPW permit ST-171, DAY and/or City representatives collected a sample of the specific water to be discharged to the MCPW sewer system, and submitted the sample to the analytical laboratory for testing of the parameters requested by MCPW. Upon receipt, the analytical laboratory results were submitted to MCPW, and discharge event approval was obtained. The water discharged to MCPW catch basins was passed through a coarse sediment screen to prevent fouling and/or sediment accumulation within the MCPW catch basin. Refer to Table 1 for information (i.e., sample date, requested test parameters, etc.) regarding each of the water samples submitted for analytical laboratory testing under the direction of MCPW.

- ❑ On November 6, 2010, water that had accumulated in the 300 Andrews Street basement due to a leaking water service valve was discharged to an existing floor drain within the basement.
- ❑ On January 18, 2011 water was pumped from the basement of the 320 Andrews Street building using Modified Sump-1 directly to an MCPW approved catch basin.
- ❑ Between January 28, 2011 and May 5, 2011, water from the 25 Evans Street vehicle service pit was directly discharged to an MCPW approved manhole on three separate discharge events.

Refer to Appendix E for copies of the analytical laboratory results for the water samples associated with Short Term Discharge Permit ST-171.

2.4.3 CAMP and HASP Air Monitoring

During at-grade and sub-grade demolition activities, DAY representatives conducted air monitoring for VOCs and particulates in accordance with provisions of the Site's NYSDEC approved HASP and CAMP. On a daily basis, prior to at-grade or sub-grade demolition work, a DAY representative calibrated the field instruments [i.e., photoionization detectors (PID) and real-time aerosol monitors (RTAM)] in accordance with the Work Plan QAPP and the manufacture's specifications. Following satisfactory calibration, the VOC and particulate

background concentrations were measured in accordance with the CAMP. Once background VOC and particulate concentrations were measured, demolition of at-grade and sub-grade structures were allowed to commence, and the on-site DAY representative monitored VOC and particulate concentrations in the breathing zone and downwind site perimeter locations in accordance with the site-specific HASP and CAMP. During at-grade and sub-grade demolition work, the following ranges of VOCs and particulates were measured:

- ❑ Background VOCs were not measured above 0.0 ppm; and background particulates were measured between 0.000 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) and $0.046 \mu\text{g}/\text{m}^3$.
- ❑ At the perimeter of the Site, VOCs were measured between 0.0 ppm and 3.0 ppm; and particulates were measured between $0.000 \mu\text{g}/\text{m}^3$ and $0.058 \mu\text{g}/\text{m}^3$. [Note: Due to the proximity of the excavator to the CAMP monitoring station, the 3.0 ppm VOC measurement is suspect due to demolition equipment exhaust influence.]
- ❑ Within the breathing zone, VOCs were not measured above 0.0 ppm; particulates were measured between $0.000 \mu\text{g}/\text{m}^3$ and $0.049 \mu\text{g}/\text{m}^3$.

As presented above, VOC and particulate action levels were not exceeded. As such, corrective actions were not deemed necessary or implemented during the project. Refer to Appendix F for copies of the daily site observation reports, which summarize the environmental activities that were completed on the specific day, include a figure presenting the CAMP stations utilized during that specific day, and include a CAMP monitoring log for the specific day. [Note: Some data gaps in CAMP and HASP monitoring exist due to equipment failure in cold weather. These data gaps were documented in the air monitoring logs included in Appendix F. During air monitoring equipment failure, visual dust evidence and nuisance odors were not observed leaving the Site.]

2.4.4 Real-Time Screening of At-Grade and Sub-Grade Demolition Material

DAY representatives observed and screened portions of the at-grade and sub-grade structures as they were removed for evidence of impact. Screening involved visual observation for areas of staining or discoloration, olfactory evidence of volatile, chemical, or petroleum-type impact, and PID screening of the ambient air above and around the at-grade and sub-grade structures. In accordance with the Work Plan, media with visual or olfactory observations of impact and/or containing PID screening results greater than 10 ppm were characterized as impacted. Impacted materials were documented and subsequently sampled for possible analytical laboratory testing in accordance with the Site's QAPP. Once the at-grade and sub-grade demolition work in a specific area was complete, the DAY representative screened the exposed soil in accessible areas for evidence of suspect contamination. The following is a summary of the real-time screening results of the at-grade and sub-grade demolition materials and exposed soil in accessible areas from each parcel:

300 Andrews Street

- ❑ PID: Ambient air screening above demolition materials and exposed accessible soil was less than 10 ppm, and typically ranged between 0.0 ppm and 1.0 ppm.
- ❑ Visual: Areas of staining/discoloration were not observed on the demolition materials or exposed accessible soil.
- ❑ Olfactory: Volatile, chemical, or petroleum-type odors were not noted on the demolition materials or exposed accessible soil.

304-308 Andrews Street

- ❑ PID: Ambient air screening above demolition materials and exposed accessible soil was less than 10 ppm, and typically ranged between 0.0 ppm and 5.9 ppm (i.e., highest PID in area of Sample S-10).
- ❑ Visual: A fill material containing coal and cinders with possible dark staining was observed behind the eastern basement wall adjacent to two areas of patched concrete wall (designated STR-2A and STR-2B). A similar fill material was observed during removal of building footers located east of the eastern basement wall (i.e., area of sample S-34). In addition, a fill material containing coal, cinders, brick and ash with possible dark staining was noted beneath the former asphalt covered area (i.e., former parking area) on the southern portion of the parcel.
- ❑ Olfactory: Volatile, chemical, or petroleum-type odors were not noted on the removed materials or exposed accessible soil.

320 Andrews Street

- ❑ PID: Ambient air screening above demolition materials and exposed accessible soil was less than 10 ppm, and typically ranged between 0.0 ppm and 2.7 ppm.
- ❑ Visual: A localized area of dark stained soil was observed during the removal of the basement floor slab (i.e., in the area of test pit TP-7/S-17). A dark fill material with possible staining was observed during the removal of the north and west building footers (i.e., in proximity to soil samples S-43 and S-47).
- ❑ Olfactory: Petroleum-type odors were noted on a localized area of soil beneath the basement floor slab (i.e., in proximity to TP-7/S-17). [Note: odors were not noted on the fill material with possible staining associated with the north and west building footers (i.e., in proximity to soil samples S-43 and S-47)].

25 Evans Street

- ❑ PID: Ambient air screening above demolition materials, including the vehicle service pit and exposed accessible soil was less than 10 ppm and typically ranged between 0.0 ppm and 1.2 ppm.
- ❑ Visual: Areas containing a fill material with possible dark staining was observed during the removal of the northern building footer (i.e., area represented by sample S-24) and the vehicle service pit. [Note: The fill material with possible dark staining adjacent to the vehicle service pit was consistent with the fill material observed at other Site locations and did not appear to be a result of a discharge from the vehicle service pit.] Dark stained material (i.e., soil and fill) was observed below and in immediate proximity to the former trench drain. A limited quantity of stained sediments was observed immediately adjacent to the vehicle service pit bottom. Staining was also observed on the interior surface of the vehicle service pit concrete bottom.
- ❑ Odors: Petroleum-type odors were noted below and in immediate proximity to the former trench drain and the concrete bottom of the vehicle service pit.

2.4.5 At-Grade and Subsurface Structures

Throughout the at-grade and sub-grade demolition phase of the project various subsurface structures (pipes, drains, sumps, etc.) were encountered and subsequently screened and documented in accordance with the Work Plan. Due to the potential of compromising underground utility integrity or undermining of public sidewalks, building foundations and footers bordering streets and right-of-ways were left in-place in accordance with the City demolition specifications. In addition, some portions of foundation and/or slabs were left in-place to minimize disturbance of soil/fill. Refer to Figure 4 for locations and designations of subsurface structures encountered during at-grade and sub-grade demolition activities.

300 Andrews Street

- ❑ Staining and odors were not noted on, or within, Pipe 1, Pipe 2, Pipe 3, Pipe 4 or Pipe 12 and PID readings above 0.0 ppm were not measured. Each of these pipes were removed and disposed of as a demolition material. Based on the field screening results, it does not appear that further study of these pipes is warranted at this time.
- ❑ Staining and odors were not noted on Drain 3 and PID readings above 0.0 ppm were not measured. Drain 3 was removed and disposed of as demolition material. Based on the field screening results, it does not appear that further study of this drain is warranted at this time.
- ❑ Refer to Figure 5 for portions of slab and footers left in-place. The building footers and concrete slab left in-place were in accordance with city's demolition specifications.

304-308 Andrews Street

- ❑ Staining and odors were not noted on, or within, Pipe 5 through Pipe 11, Pipe 13, or Pipe 15 and PID measurements above 0.0 ppm were not measured. With the exception of Pipe 15, the remaining pipes listed above were removed and disposed of as demolition material and additional study does not appear warranted at this time. Pipe 15 appears to extend under the PCE IRM area and this portion of the pipe was left in-place. Due to the location, this area and the remaining portion of Pipe 15 will require further study in the future.
- ❑ Staining and odors were not noted on Drain 1, Drain 2, or Drain 4 and PID measurements above 0.0 ppm were not measured. Drain 1, Drain 2 and Drain 4 were removed and disposed of as a demolition waste. Based on field screening results, further study of Drain 1, Drain 2 and Drain 4 does not appear warranted at this time.
- ❑ Drain 8, located within the PCE IRM area, was not removed. Further investigation will be performed at Drain 8 in the future.
- ❑ STR-1 was encountered following the removal of the basement floor slab (i.e., the floor slab was poured over the STR-1). STR-1 consisted of an approximate 2 ft by 2 ft stone and mortar structure approximately 4 ft in depth with a center void. The center void contained fill material that consisted primarily of ash and cinders. STR-1 and the material within the center void (i.e., fill) were removed from the subsurface, staged on, and covered with, 6-millimeter reinforced polyethylene plastic sheeting within the "staged material exclusion zone". A sample of the ash material (designated STR-1) was collected and submitted for waste characterization testing. Based on the analytical laboratory results, STR-1 was disposed of as a regulated non-hazardous waste. Refer to Table 2 for additional waste disposal information (i.e., quantities, waste characteristic testing parameters, etc.). Soil sample (i.e., S-5) was collected below STR-1 following its removal. Refer to Section 2.5 for additional information associated with soil sample S-5.

- ❑ STR-2A and STR-2B were encountered following the removal of the eastern basement wall. These unknown structures were behind two apparent patches of concrete on the eastern basement wall. The purpose and former use (if any) of these structures is unknown. The perimeter of the structures was lined with a black fill material containing cinders and coal. STR-2A and STR-2B were left in-place and will require study in the future. Refer to Appendix A for photographs of the eastern basement wall prior and subsequent to removal.
- ❑ STR-4 consisted of a steel bollard and associated concrete footer. In an attempt to remove the above-grade portion of the steel bollard, the concrete footer was inadvertently removed. Following removal, STR-4 was staged on, and covered with, 6-millimeter reinforced plastic sheeting within the “staged material exclusion zone”. Based on the analytical laboratory waste characterization testing results, STR-4 was disposed of off-site as a regulated non-hazardous waste. Refer to Table 2 for additional waste disposal information. Refer to Section 2.5 for additional information associated with soil sample S-1, collected from the sidewall of the void created by the footer removal.
- ❑ Refer to Figure 5 for portions of slab and footers left in-place. The building footers and concrete slab left in-place were either in accordance with city’s demolition specifications or to minimize disturbance of soil/fill.

320 Andrews Street

- ❑ Staining and odors were not noted on, or within, Pipe 17 through Pipe 20 and PID readings above 0.0 ppm were not measured. Pipe 19 was removed and disposed of as a demolition material. Based on the field screening results, it does not appear that further study of these pipes is warranted at this time. Pipe 17, Pipe 18 and Pipe 20 were left in place.
- ❑ Staining and odors were not noted on Drain 6, Drain 7 or Drain 9 and PID readings above 0.0 ppm were not measured. These drains were removed and disposed of as demolition material. Based on the field screening results, it does not appear that further study of these drains is warranted at this time.
- ❑ The existing sump within the 320 Andrew Street building basement was converted into an approximate 1-foot diameter dewatering structure by securing an approximate 14-foot section of perforated corrugated plastic riser into the sump (designated Modified Sump-1). Staining and odors were not noted on Modified Sump-1 and PID readings above 0.0 ppm were not measured. Based on field screening results, it does not appear that further study of Modified Sump-1 is warranted at this time. [Note: Based on a Foundation Design, P.C. document for the 320 Andrews Street building, a basement perimeter drain system installed along the exterior of the building basement walls also drains to Modified Sump-1.]
- ❑ Staining and odors were not noted on Cleanout 1 through Cleanout 3 and PID readings above 0.0 ppm were not measured. Based on the field screening results it does not appear that further study of these cleanouts is warranted at this time.
- ❑ Refer to Figure 5 for portions of slab and footers left in-place. The building footers and concrete slab left in-place were in accordance with city’s demolition specifications or as later approved by the City in order to minimize disturbance of soil/fill.

25 Evans Street

- ❑ Staining and odors were not noted on, or within, Pipe 14 or Pipe 16 and PID readings above 0.0 ppm were not measured. Pipe 16 was removed and disposed of as a demolition material. Pipe 14 was left in place. Based on the field screening results it does not appear that further study of these pipes is warranted at this time.

- ❑ STR-3 is located within the PCE IRM area, and as such was not removed. Further investigation will be performed at STR-3 in the future.
- ❑ Drain 5 is located within the PCE IRM area, and, as such, was not removed. Further investigation will be performed at Drain 5 in the future. Staining and odors were not noted on Drain 10 and PID readings above 0.0 ppm were not measured. Drain 10 was located at the bottom of the vehicle service pit and was oriented east to west in the direction of a MCPW combined sewer system. Drain 10 was decommissioned by capping with concrete. Based on the field screening results, it does not appear that further study of Drain 10 is warranted at this time.
- ❑ Sump/Well-1 was encountered following the removal of the building slab (i.e., the 25 Evans Street slab was poured over Sump/Well-1). Refer to Figure 4 for location of Sump/Well-1. Sump/Well-1 was a cobble/stone-lined structure approximately 1.5 feet in diameter with an open void depth of approximately 3.5 feet below the ground surface. Subsequent to the removal of the initial 3.5 feet, Sump/Well-1 appeared to be decommissioned in-place (i.e., the cobble/stone walls collapsed or backfilled with cobbles/stones). Sump/Well-1 was removed to approximately 7 ft below the ground surface without encountering water, staining, odors and PID measurements above 0.0 ppm. The excavated portion of Sump/Well-1 was backfilled with Site materials. Based on field screening results, it does not appear that further study of Sump/Well-1 is warranted at this time. Refer to Section 2.5 for additional information associated with soil sample S-30 collected from Sump/Well-1.
- ❑ Black staining and petroleum-type odors were noted on, and below, the interior trench drain. Based on the field screening results, the concrete trench drain was staged on, and covered with, 6-millimeter reinforced plastic sheeting within the “staged material exclusion zone”.
- ❑ Dark staining and petroleum-type odors were noted on the concrete bottom of the vehicle service pit and the sediments adjacent to the interior vehicle service pit bottom. Based on the field results, the impacted interior sediments were staged in a NYSDOT approved 55-gallon drum and the vehicle service pit concrete bottom was staged on, and covered with, 6-millimeter reinforced plastic sheeting within the “staged material exclusion zone”.
- ❑ Refer to Figure 5 for portions of slab and footers left in-place. The building footers and concrete slab left in-place were either in accordance with the City’s demolition specifications or to minimize disturbance of soil/fill.

Refer to Table 3 for additional information regarding the subsurface structures encountered during the demolition phase of the project.

2.4.6 Hard Material Sampling and Characterization

Hard material samples (i.e., concrete) were collected for possible analytical laboratory testing to determine disposal requirements, confirm VOC concentrations within the concrete in proximity to the IRM restriction area boundaries, and to delineate a limited area of concrete to be disposed of as a regulated non-hazardous waste). Sample locations were biased to areas in which surface discharge events and soil vapor partitioning may have occurred. Building slab samples were generated by advancing a Jackhammer fitted with pointed bit through the concrete slab and collecting the resulting aggregate using a nitril/latex-gloved hand. Hard material samples from staged (i.e., previously removed) concrete were collected using hand tools.

The recovered hard material samples were visually examined by a DAY representative for evidence of suspect contamination (e.g., staining, unusual odors, etc) and screened with a PID (both ambient and headspace). If necessary to meet the analytical laboratory aggregate size requirement (i.e., pieces smaller than ¾-inch in diameter), the hard materials were crushed on-

site using hand tools. The recovered aggregate was sampled with a latex/nitrile-gloved hand, and placed in containers provided by the analytical laboratory. The hard material samples were subsequently packaged in an iced cooler and shipped to Chemtech, or hand delivered to Paradigm, under chain-of-custody control for possible testing.

Refer to Table 1 for additional sample information (i.e., PID measurements, sample parameters, etc.) Refer to Table 4 for the analytical laboratory results associated with the hard material samples tested. Figure 6 presents the locations of each hard material sample collected during the demolition phase of the project. Refer to Appendix E for copies of the analytical laboratory reports associated with the hard material samples.

300 Andrews Street

- ❑ Hard material samples were not collected from the 300 Andrews Street parcel.

304-308 Andrews Street

- ❑ STR-4 - Hard Material samples HM-1, HM-2 and HM-19 were collected following the inadvertent removal of STR-4. HM-1 was collected from the exterior bottom portion of the bollard. HM-2 was collected from the exterior top portion of the bollard. HM-19 was collected from the interior center of the bollard, approximately 3 feet below the top surface. Hard material samples HM-1, HM-2 and HM-19 were submitted to the analytical laboratory for testing of waste characterization parameters. Refer to Table 2 for additional waste disposal information.
- ❑ Slab-on-Grade -Hard material samples HM-8 through HM-16, HM-20 through HM-24 were collected from the slab-on-grade portion of the building prior to it being removed.
 - Samples HM-8 through HM-16 were collected from the concrete sub-base interface (i.e., approximately 6 inches from the top surface). Based on the HM-8 through HM-16 analytical laboratory sample results, an approximate 587 square foot section of slab immediately west of the IRM Restriction Zone was delineated as potentially impacted. Refer to yellow-dashed area on Figure 6 for the location of the potentially impacted concrete.
 - Samples HM-20 and HM-21 were collected from the near surface (i.e., 0.25" to 0.75") to evaluate if surface spillage of VOC containing materials may have occurred in these areas. Based on the analytical laboratory results, it does not appear that a surface spill was responsible for impact identified in the hard material samples collected in proximity to HM-20 and HM-21.
 - Samples HM-23 and HM-24 were collected for analysis of additional required waste characterization parameters for the potentially impacted concrete shown as the yellow-dashed area on Figure 4. Based on the TCLP VOCs (HM-10), PCBs (HM-23) and TCLP metal (HM-23) concentrations reported by the analytical laboratory, this concrete was characterized and disposed of as a regulated non-hazardous waste. [Note: Only one sample (i.e., HM-22) was required for waste characterization testing.]
- ❑ Basement Wall and Floor - Samples HM-17 and HM-18 were collected from the floor and eastern basement wall of the building. Based on the analytical laboratory results the basement floor and eastern basement wall were handled as a demolition waste.

320 Andrews Street

- ❑ Hard material Samples were not collected from the 320 Andrews Street parcel.

25 Evans Street

- ❑ **Slab-on-Grade** – Hard material samples HM-3 through HM-7 were collected from the concrete and sub-base interface (i.e., approximately 6 inches from the top surface) to evaluate waste disposal requirements. Based on the HM-3 through HM-7 analytical laboratory sample results the slab-on-grade portion of the 25 Evans building was disposed of as demolition waste.
- ❑ **Trench Drain** – Hard material samples HM-24 through HM-26 were collected from the concrete trench drain following its removal on January 24, 2010 and submitted to the analytical laboratory for waste characterization testing. [Note: A 3:1 composite sample (comprised of equal portions of HM-24, HM-25 and HM-26) was created at the analytical laboratory.] Based on the analytical laboratory results, the concrete trench drain was disposed of off-site as a regulated non-hazardous waste.
- ❑ **Vehicle Service Pit** – Hard material sample HM-27 was collected from the concrete vehicle service pit bottom following its removal on May 5, 2011 and submitted to the analytical laboratory for waste characterization testing. Based on the analytical laboratory results, the concrete vehicle service pit bottom was disposed of off-site as a regulated non-hazardous waste.

2.4.7 Free Product and Grossly Contaminated Media

Non-aqueous phase liquids (NAPL) and grossly contaminated material were not encountered during the at-grade or sub-grade demolition activities.

2.5 Post-Foundation/Slab Removal Soil Sampling and Analysis

Following the removal of building foundations and slabs from the 300, 304-308 and 320 Andrews Street and 25 Evans Street parcels, 59 discrete soil/fill samples were collected for possible analytical laboratory testing using grab sampling techniques. Soil/fill samples were collected from locations with the greatest field evidence of impact (i.e., staining, fill, odors, PID readings, etc.); however, some samples were collected from areas that did not contain field evidence of impact to confirm the area is not impacted or at other locations to fill in data gaps. Refer to Figure 6 for soil sample locations.

The recovered soil/fill samples were visually examined by a DAY representative for evidence of suspect contamination (e.g., staining, odors) and screened with a PID. Portions of the samples were placed in containers for possible analytical laboratory testing. Different portions of the soil/fill samples were placed in sealable plastic bags for headspace analysis in accordance with the Work Plan. The soil/fill samples were subsequently packaged in an iced cooler and shipped to Chemtech under chain-of-custody control for possible testing. As the project progressed and prior to authorizing Chemtech to test select soil samples, the NYSDEC was provided a version of Table 1 (presenting the PID measurements, odors, staining, sample depth, etc.), a figure presenting sample locations, and identification and rationale for the samples recommended for testing. Following NYSDEC consultation and approval, the selected soil/fill samples were submitted for analytical laboratory testing. Refer to Table 1 for the samples collected, submitted for analytical laboratory testing, and the requested analysis.

Frederico, under direction from DAY, excavated a total of 20 test pits at the Site (designated as TP-1 through TP-20, and shown on Figure 6). Sixteen test pits (TP-1 through TP-7, and TP-12 through TP-20) were within the footprint of the former foundation and concrete slab of the 320 Andrews Street building. The depth of each test pit was location dependent, but ranged between

two and four feet (measured from the bottom of former foundation/concrete slab elevations). In addition, following the removal of the 25 Evans Street trench drain, Frederico, under the direction of DAY, excavated four test pits (TP-8 through TP-11) to depths up to 4 feet. In general, Frederico used the excavator bucket to bring the excavated soil/fill from the test pit to a location where DAY could safely observe and screen the soil/fill and collect samples for possible analytical laboratory testing. The excavated material (i.e., fill, soil, etc.) was placed back in the excavation in the same general strata from which it was removed, and compacted using the excavator bucket.

Table 5 through Table 8 present a comparison of the Part 375 SCOs to detected concentrations of VOCs, semi-volatile organic compounds (SVOCs), metals and cyanide, and pesticides and polychlorinated biphenyls (PCBs) respectively, for soil/fill samples tested during the at-grade and sub-grade demolition phase of the project. Below is a summary of the comparison of test results to Part 375 SCOs for samples collected from each parcel that comprised the Site. Refer to Figure 7 for soil samples submitted for analytical laboratory testing and those soil samples that contained VOC, SVOC, metal, or PCB concentrations exceeding one or more Part 375 SCO.

300 Andrews Street

- Soil samples S-4, S-6, S-7 and S-9 were collected from depths ranging between 0.0 and 1.0 foot below the existing ground surface at the time of sampling (or approximately 1.0 and 8.0 feet below the Andrews Street sidewalk reference location). Soil samples S-4, S-7 and S-9 were submitted for analytical laboratory testing.
 - VOCs: Soil samples S-4, S-7 and S-9 did not contain Target Compound List (TCL) VOC concentrations exceeding Part 375 SCOs.
 - SVOCs: Soil sample S-4 did not contain TCL SVOC concentrations exceeding Part 375 SCOs. Soil samples S-7 and S-9 contained TCL SVOC concentrations exceeding one or more Part 375 SCOs.
 - Metals and Cyanide: Soil samples S-4, S-7 and S-9 contained one or more Target Analyte List (TAL) metals at concentrations exceeding one or more Part 375 SCOs. These samples did not contain cyanide concentrations above Part 375 SCOs.
 - Pesticides and PCBs: Soil samples S-4, S-7 and S-9 did not contain pesticides or PCBs at concentrations exceeding Part 375 SCOs.

The soil in the S-9 sample location was elevated in comparison to the rest of the Site. The soil from the S-7 location was lower than the average Site elevation due to the presence of a crawl space in this portion of the former building. Refer to Figure 6 for the area with the elevated soil (i.e., S-9) and the area with depressed soil elevation (i.e., S-7). In lieu of disposing of the soil associated with the S-9 location, it was determined via analytical laboratory results, that the soil in S-9 location could be graded onto the S-7 area. Prior to grading the S-9 soil to the S-7 area, a layer of 6-millimeter reinforced polyethylene plastic sheeting was placed on the top surface of S-7 soil as a demarcation layer.

304-308 Andrews Street

- Soil samples S-1, S-2, S-3, S-5, S-8, S-10, S-31 through S-34, and S-51 were collected from depths ranging between 0.0 and 3.0 feet below the existing ground surface at the time of sampling (i.e., approximately 0.5 and 10.0 feet below the Andrews Street sidewalk

reference location). Soil samples S-1, S-2, S-5, S-10, S-31 and S-34 were submitted for analytical laboratory testing.

- VOCs: Soil samples S-2, S-5, S-10, S-31 and S-34 did not contain TCL VOC concentrations exceeding Part 375 SCOs. Soil sample S-1 contained one TCL VOC concentration (i.e., for PCE) exceeding two Part 375 SCOs.
- SVOCs: Soil samples S-1, S-2, S-5, S-10 and S-31 did not contain TCL SVOC concentrations exceeding Part 375 SCOs. Soil sample S-34 contained TCL SVOC concentrations exceeding several Part 375 SCOs.
- Metals and Cyanide: Soil samples S-1, S-2, S-5 and S-10 did not contain TAL metals at concentrations exceeding Part 375 SCOs. Soil samples S-31 and S-34 contained one or more TAL metals at concentrations exceeding one or more Part 375 SCOs. These samples did not contain cyanide at concentrations above Part 375 SCOs.
- Pesticides and PCBs: Soil samples S-1, S-2, S-5, S-10, and S-34 did not contain pesticides or PCBs at concentrations exceeding Part 375 SCOs. Soil sample S-31 contained one pesticide at a concentration exceeding two Part 375 SCOs.

320 Andrews Street

- Soil samples S-11 through S-17 and S-35 through S-50 were collected from depths ranging between 0.5 and 4.5 feet below the existing ground surface at the time of sampling (i.e., approximately 1.0 and 15.5 feet below the Andrews Street sidewalk reference location). With the exception of soil samples S-35, S-36, S-46 through S-50, the soil samples were collected from the bottom of a test pit. Soil samples S-11, S-13, S-14, S-17, S-43 and S-48 were submitted for analytical laboratory testing.
 - VOCs: Soil samples S-11, S-13, S-14, S-17, S-43 and S-48 did not contain TCL VOC concentrations exceeding Part 375 SCOs.
 - SVOCs: Soil samples S-11, S-13, S-14, S-17, S-43 and S-48 did not contain TCL SVOC concentrations exceeding Part 375 SCOs.
 - Metals and Cyanide: Soil samples S-11, S-13, S-14, S-43 and S-48 did not contain TAL metals or cyanide at concentrations exceeding Part 375 SCOs. Soil samples S-17 and S-43 contained one or more TAL metals at a concentration exceeding two Part 375 SCOs.
 - Pesticides and PCBs: Soil samples S-11, S-13, S-14, S-17, and S-43 did not contain pesticides or PCBs at concentrations exceeding Part 375 SCOs. Soil sample S-48 did not contain pesticides at concentrations exceeding Part 375 SCOs, but did contain PCBs at a concentration exceeding some Part 375 SCOs.

25 Evans Street

- Soil samples S-18 through S-30 and S-52 through S-59 were collected from depths ranging between 0.5 and 6.5 feet below the existing ground surface at the time of sampling (i.e., approximately 1.0 foot and 7.0 feet below the Andrews Street sidewalk reference location). Soil samples S-25 through S-29 were collected from the bottom of test pits. Soil samples S-52 through S-59 were collected from the sidewalls and bottom of the vehicle service pit excavation. Soil samples S-24, S-26, S-28, S-29, S-30 and S-59 were submitted for analytical laboratory testing.

- VOCs: Soil samples S-24, S-28, S-29 and S-30 did not contain TCL VOC constituent concentrations exceeding Part 375 SCOs. Soil sample S-26 contained two TCL VOC concentrations exceeding two Part 375 SCOs.
- SVOCs: Soil samples S-29 and S-30 did not contain TCL SVOC concentrations exceeding Part 375 SCOs. Soil sample S-24, S-26, and S-28, contained TCL SVOC concentrations exceeding several Part 375 SCOs.
- Metals and Cyanide: Soil samples S-29 and S-30 and did not contain TAL metals or cyanide at concentrations exceeding Part 375 SCOs. Soil samples S-24, S-26, S-28 contained several TAL metals at concentrations exceeding several Part 375 SCOs, but did not contain cyanide concentrations exceeding Part 375 SCOs.
- Pesticides and PCBs: Soil samples S-24, S-26, S-28, S-29 and S-30 did not contain pesticides or PCBs at concentrations exceeding Part 375 SCOs.

Charlotte – This section will be updated once the analytical laboratory results are received for soil sample S-59.

2.6 Quality Assurance/Quality Control Samples and Data Usability Summary Report

As the project progressed, ten matrix spike/matrix spike duplicate (MS/MSD) samples and one field blank sample (i.e., rinsate sample) were collected and analyzed in accordance with the QAPP included in the Work Plan. The MS/MSD and field blank samples were analyzed for the same parameters as the soil/hard material samples included in the corresponding shipments. As reported in the analytical laboratory reports included in Appendix E, the field blank sample did not contain constituents above the detection limits utilized by the analytical laboratory for the parameters that were tested. Results of the QA/QC samples were subsequently used by the data validator for the preparation of a Data Usability Summary Report (DUSR).

Following receipt of an Analytical Services Protocol (ASP) Category B deliverables data package, DAY retained Data Validation Services (DVS) to perform a DUSR on the soil sample data packages. DVS submitted two DUSRs dated May 6, 2011 and [date of S-52 DUSR (Charlotte – DAY will provide this DUSR once it is available)]. As presented in the May 6, 2011 DUSR, the pesticide results for soil samples S-34 and S-48 are not usable due to large interferences from the sample matrix. With the exception of this finding, the analytical laboratory results meet the data quality objectives for this phase of the project. Copies of the two DUSRs are included in Appendix E. The analytical laboratory summary tables have been revised to reflect the findings of the DUSRs.

2.7 Backfilling of Excavations

Subsequent to the removal of at-grade and sub-grade structures, the resulting excavations were backfilled with New York State Department of Transportation (NYSDOT) #3 washed stone and/or CR-2 Stone Sub-Base. The 304-308 and 320 Andrews Street building basements contained several inches of water at the time of backfilling. As such, Foundation Design P.C. (Foundation Design) was retained to provide structural backfilling recommendations based on the Site conditions (i.e., water and ice in the basement excavations and compacting during below freezing conditions). Based on the recommendations provided by Foundation Design, the 304-308 and 320 basements were backfilled with an initial approximate 18-inch thick layer of NYSDOT #3 washed stone. The remaining portions of the basement excavations were then backfilled with compacted NYSDOT CR-2 Stone Sub-Base.

To complete the necessary backfilling, of CR-2 and of #3 washed stone were imported onto the Site and compacted in accordance with Foundation Design's recommendations and City demolition specifications. In accordance with DER-10, this backfill material contained less than 10% by weight material that would pass through a size 80 sieve, and consisted of virgin rock, stone or gravel from a permitted mine or quarry. Refer to Appendix G for the backfill specification documentation providing the name, address, permit information and telephone number of the imported backfill source and the gradation test results of the CR-2 backfill imported to the Site. [Note: The use of the NYSDOT #3 washed stone from the same source as the CR-2 Stone Sub-Base (i.e., Dolomite Group's Gate Plant quarry located on Buffalo Road in the Town of Gates, NYSDEC Mine ID#80020) was identified to the NYSDEC in an email from the City dated December 28, 2010.] The backfill specifications were approved by the NYSDEC prior to being used at the Site.

3.0 PROJECT SUMMARY

The demolition activities at the Site have prepared the 300, 304-308, 320 Andrews Street and 25 Evans Street parcels for future study and remediation by removing the majority of the former buildings' superstructure, at-grade structure and sub-grade structure. The at-grade and below-grade demolition activities were observed by DAY representatives and completed in accordance with the NYSDEC-approved Work Plan.

In addition to the slab-on-grade covering the PCE IRM area and the UST IRM area, several at-grade and below grade structures were left in-place to minimize disturbance of soil/fill or protect existing off-site and on-site features (i.e., city sidewalks and streets, on-site monitoring wells, etc.). The Site features (building footers, foundations, slabs, etc.) left in-place were documented using GPS and GIS technology. In addition to the structural components of the building, the building's at-grade and sub-grade infrastructure (i.e., piping, drains, etc.) was also screened, demolished and removed in accordance with the Work Plan. With the exception of two potential structures identified behind two basement wall patches on the eastern wall of the 304-308 Andrews Street building (i.e., designated STR-2A and STR-2B) and the former 25 Evans Street trench drain, the remaining structures requiring additional study in the future are either in or adjacent to the PCE IRM area or the UST IRM area.

During the at-grade and sub-grade demolition activities, hard material and soil/fill samples were collected and submitted for analytical laboratory testing.

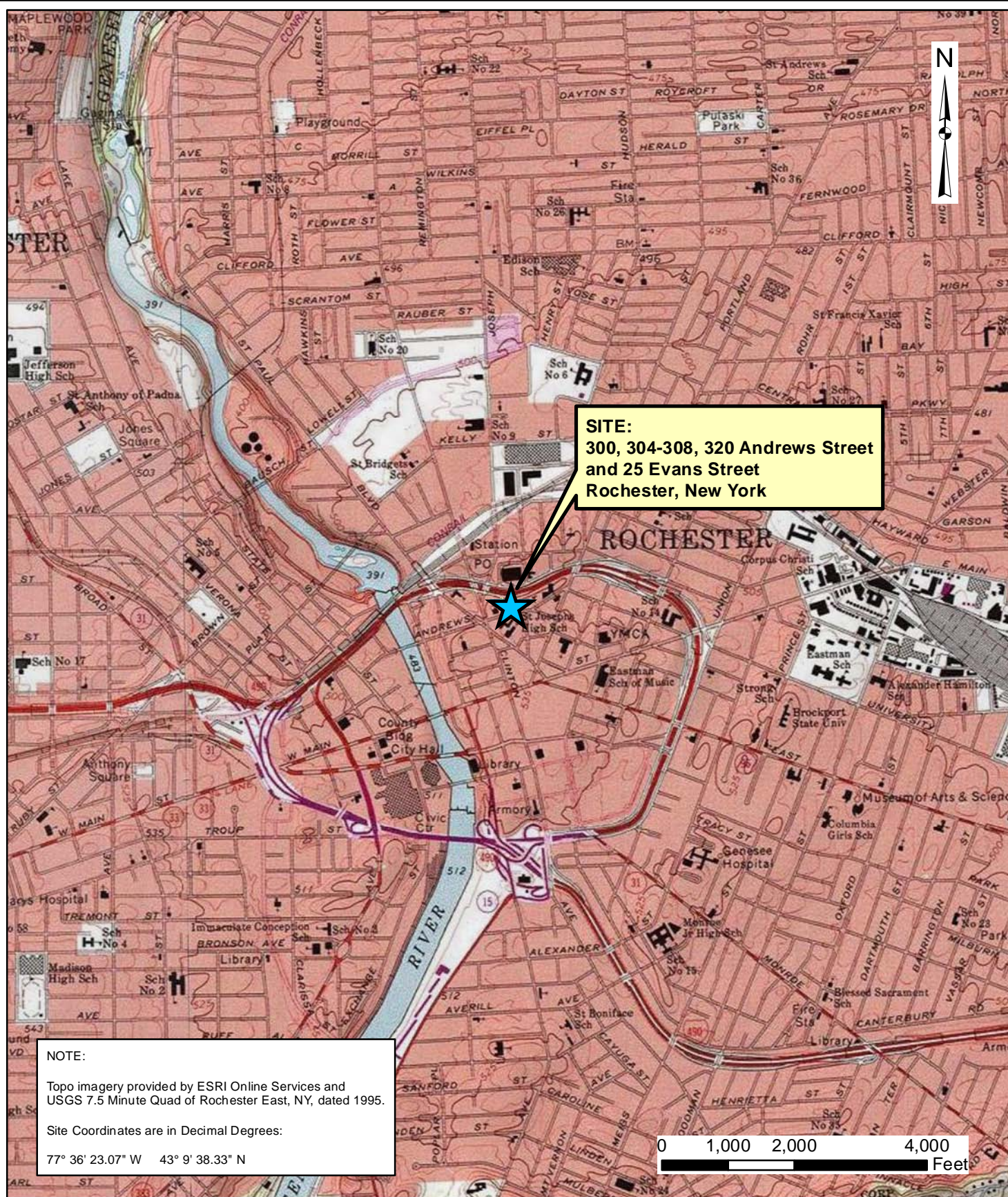
- Hard material samples (i.e., concrete) were collected from the 304-308 Andrews Street and 25 Evans Street buildings to determine disposal requirements. Based on the hard material analytical laboratory results, a portion of the 304-308 slab-on-grade, structure STR-4 (bollard with concrete footer) and the 25 Evans trench drain were disposed off-site as a regulated non-hazardous waste. Based on associated fill material analytical laboratory results, structure STR-1 was disposed off-site as a regulated non-hazardous waste.
- Several soil and fill samples were submitted for analytical laboratory testing to confirm the presence or absence of impact.
 - Soil samples collected from a generally black fill material observed on the 300, 304-308 and 25 Evans Street properties, and impacted soil/fill associated with 25 Evans trench drain, contained SVOCs and/or metals at concentrations exceeding one or more Part 375 SCOs.
 - Soil/fill samples collected from STR-4 (sample S-1 located within the PCE IRM area) and the impacted trench drain media (sample S-26) contained one or more VOCs at concentrations exceeding Part 375 SCOs.
 - Of the 21 soil samples tested for pesticides, only soil sample S-31 contained a pesticide concentration exceeding one or more Part 375 SCOs. [Note: The pesticide results for 2 of these 21 samples were rejected in the DUSR due to matrix interference.]
 - Of the 21 soil samples tested for PCBs, only soil sample S-48 collected beneath the former concrete paved area on the west side of the 320 Andrews Street parcel contained a PCB concentration exceeding one or more Part 375 SCOs.
 - Cyanide was tested for in 21 samples, but not detected at concentrations exceeding Part 375 SCOs.

4.0 ACRONYMS

ASP	Analytical Services Protocol
AST	Aboveground Storage Tank
cis-1,2-DCE	cis-1,2-Dichloroethene
CAMP	Community Air Monitoring Plan
CCD	Center City District
Chemtech	Chemtech Consulting Group, Inc.
DAY	Day Environmental, Inc.
DNAPL	Dense Non-Aqueous Phase Liquid
DVS	Data Validation Services, Inc.
DUSR	Data Usability Summary Report
ELAP	Environmental Laboratory Approval Program
ERP	Environmental Restoration Program
Foundation Design	Foundation Design, P.C.
GIS	Geographic Information System
GPS	Global Positioning System
HASP	Health And Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measure
Leader	Leader Professional Services, Inc.
mg/kg	Milligram per Kilogram, or parts per million
LNAPL	Light Non-Aqueous Phase Liquid
MCPW	Monroe County Pure Waters
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NAPL	Non-Aqueous Phase Liquid
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOT	New York State Department of Transportation
OSHA	Occupational Safety and Health Administration
Paradigm	Paradigm Environmental Services, Inc.
PCBs	Polychlorinated Biphenyls
PCE	Tetrachloroethene (a/k/a perchloroethene)
Phase I ESA	Phase I Environmental Site Assessment
Phase II ESA	Phase II Environmental Site Assessment
PID	Photoionization Detector
PPB	Parts Per Billion
PPM	Parts Per Million
QAPP	Quality Assurance Project Plan
REC	Recognized Environmental Condition
ROW	Right-of-Way
RSCO	Recommended Soil Cleanup Objective
RTAM	Real-Time Aerosol Monitor
SAC	State Assistance Contract
SCG	Standard, Criteria and Guidance
SCO	Soil Cleanup Objective
SVOC	Semi-Volatile Organic Compound
TAGM	Technical Administrative Guidance Manual
TAL	Target Analyte List
TCE	Trichloroethene
TCL	Target Compound List
TOGs	Technical and Operational Guidance Series
UST	Underground Storage Tank
VOC	Volatile Organic Compound
µg/m ³	Microgram per Cubic Meter

DRAFT

FIGURES

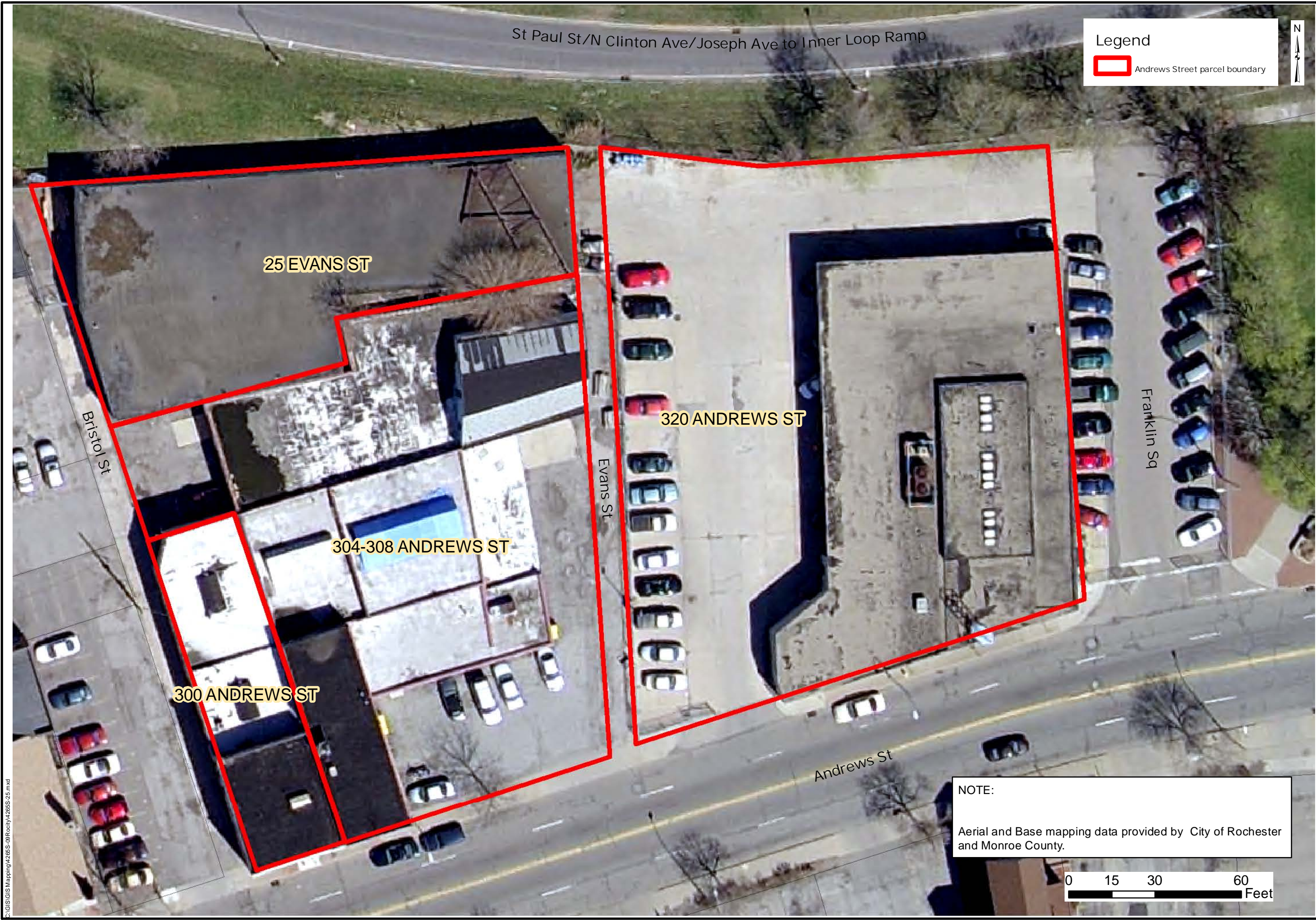


Date	02-23-2011
Drawn By	CPS
Scale	AS NOTED

day DRAFT
DAY ENVIRONMENTAL, INC.
Environmental Consultants
Rochester, New York 14614-1008
New York, New York 10016-0710

Project Title	300, 304-308, 320 ANDREWS STREET AND 25 EVANS STREET ROCHESTER, NEW YORK
	ENVIRONMENTAL RESTORATION PROJECT NYSDEC SITE NO.: E828144
Drawing Title	Project Locus Map

Project No.	4265S-09
	FIGURE 1



Legend

Andrews Street parcel boundary



DESIGNED BY	NES	DATE	11-2010
DRAWN BY	CPS	DATE DRAWN	11-2010
SCALE	AS NOTED	DATE ISSUED	02-22-2011

day
DAY ENVIRONMENTAL, INC.
Environmental Consultants
Rochester, New York 14614-1008
New York, New York 10016-0710

DRAFT

Project Title
300, 304-308, 320 ANDREWS STREET
AND 25 EVANS STREET
ROCHESTER, NEW YORK

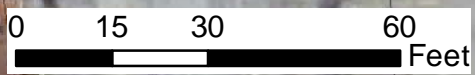
ENVIRONMENTAL RESTORATION PROJECT NYSDEC SITE NO.: E828144
Drawing Title

Aerial Site Plan With Parcel Boundaries

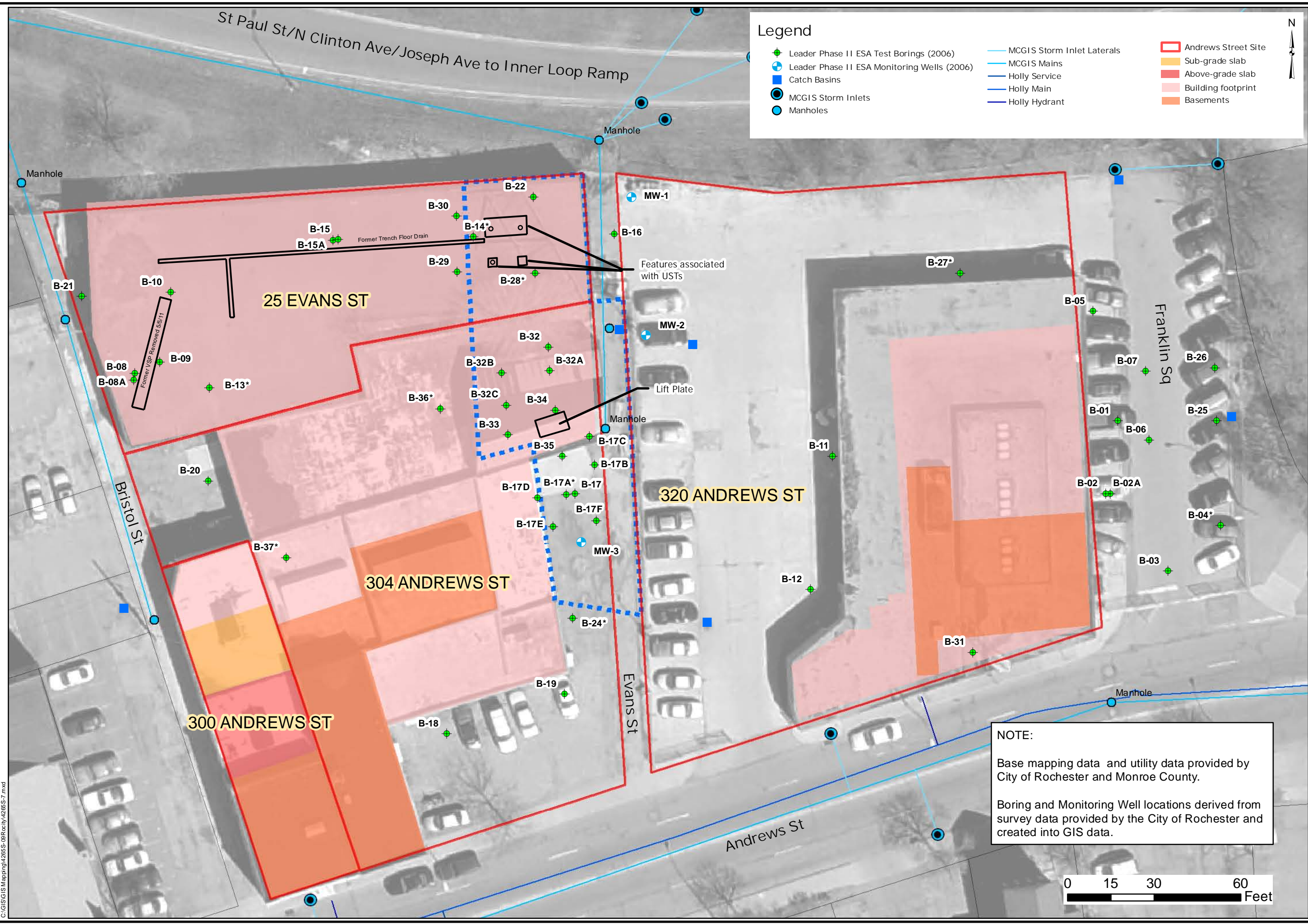
Project No.
4265S-09

FIGURE 2


NOTE:
Aerial and Base mapping data provided by City of Rochester and Monroe County.



C:\GIS\GIS Mapping\4265S-08\Rectify\4265S-25.mxd

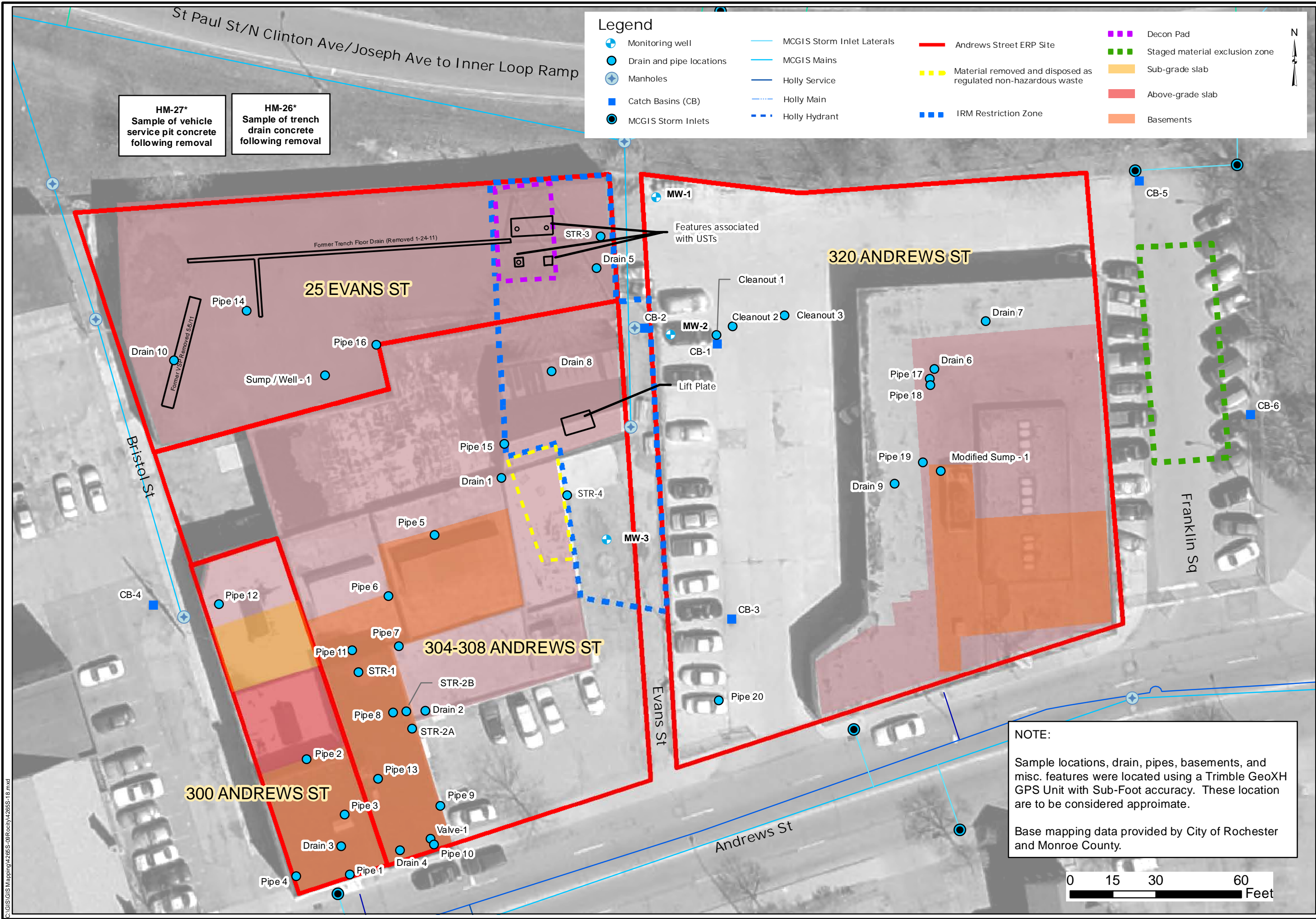


DESIGNED BY	NES	DATE	11-2010
DRAWN BY	CPS	DATE DRAWN	11-2010
SCALE	AS NOTED	DATE ISSUED	02-22-2011

**DAY ENVIRONMENTAL, INC.**
Environmental Consultants
Rochester, New York 14614-1008
New York, New York 10016-0710

DRAFT
Project Title
300, 304-308, 320 ANDREWS STREET
AND 25 EVANS STREET
ROCHESTER, NEW YORK
ENVIRONMENTAL RESTORATION PROJECT NYSDEC SITE # E828144
Drawing Title
Site Plan - Leader Phase II ESA Test Locations

Project No.
4265S-09
FIGURE 3



DESIGNED BY	NES	DATE	11-2010
DRAWN BY	CPS	DATE DRAWN	11-2010
SCALE	AS NOTED	DATE ISSUED	05-10-2011

day
DAY ENVIRONMENTAL, INC.
Environmental Consultants
Rochester, New York 14614-1008
New York, New York 10016-0710

DRAFT

Project Title
300, 304-308, 320 ANDREWS STREET
AND 25 EVANS STREET
ROCHESTER, NEW YORK

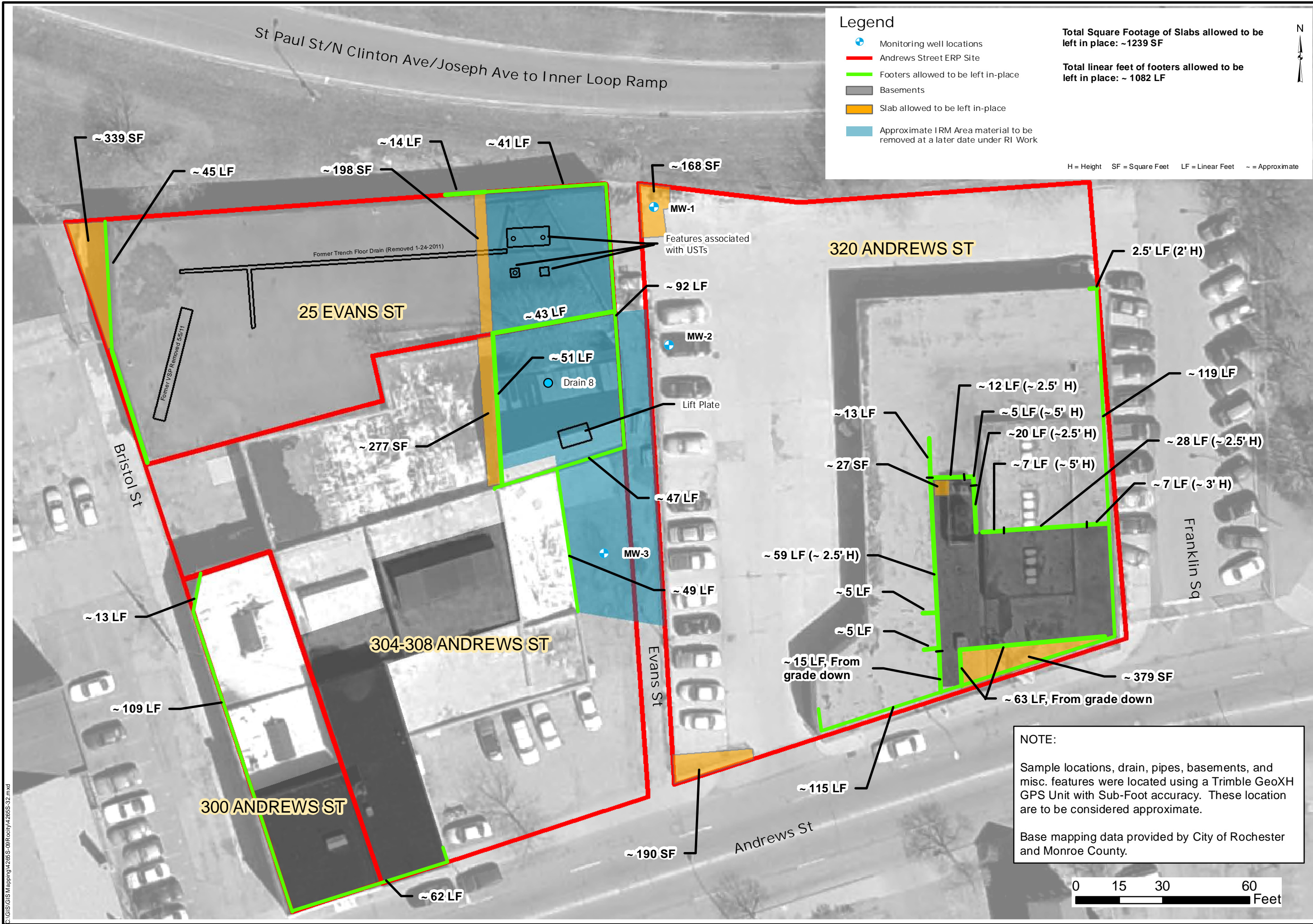
ENVIRONMENTAL RESTORATION PROJECT NYSDEC SITE NO.: E828144
Drawing Title

Site Plan - At-Grade and Sub-Grade Structures

Project No.
4265S-09

FIGURE 4

C:\GIS\GIS Mapping\4265S-08\Rectify\4265S-32.mxd



Legend

- Monitoring well locations
- Andrews Street ERP Site
- Footers allowed to be left in-place
- Basements
- Slab allowed to be left in-place
- Approximate IRM Area material to be removed at a later date under RI Work

Total Square Footage of Slabs allowed to be left in place: ~1239 SF

Total linear feet of footers allowed to be left in place: ~ 1082 LF

H = Height SF = Square Feet LF = Linear Feet -- = Approximate

DESIGNED BY	DATE
NES	11-2010
DRAWN BY	DATE DRAWN
CPS	11-2010
SCALE	DATE ISSUED
AS NOTED	05-10-2011

day
DAY ENVIRONMENTAL, INC.
Environmental Consultants
Rochester, New York 14614-1008
New York, New York 10016-0710

DRAFT

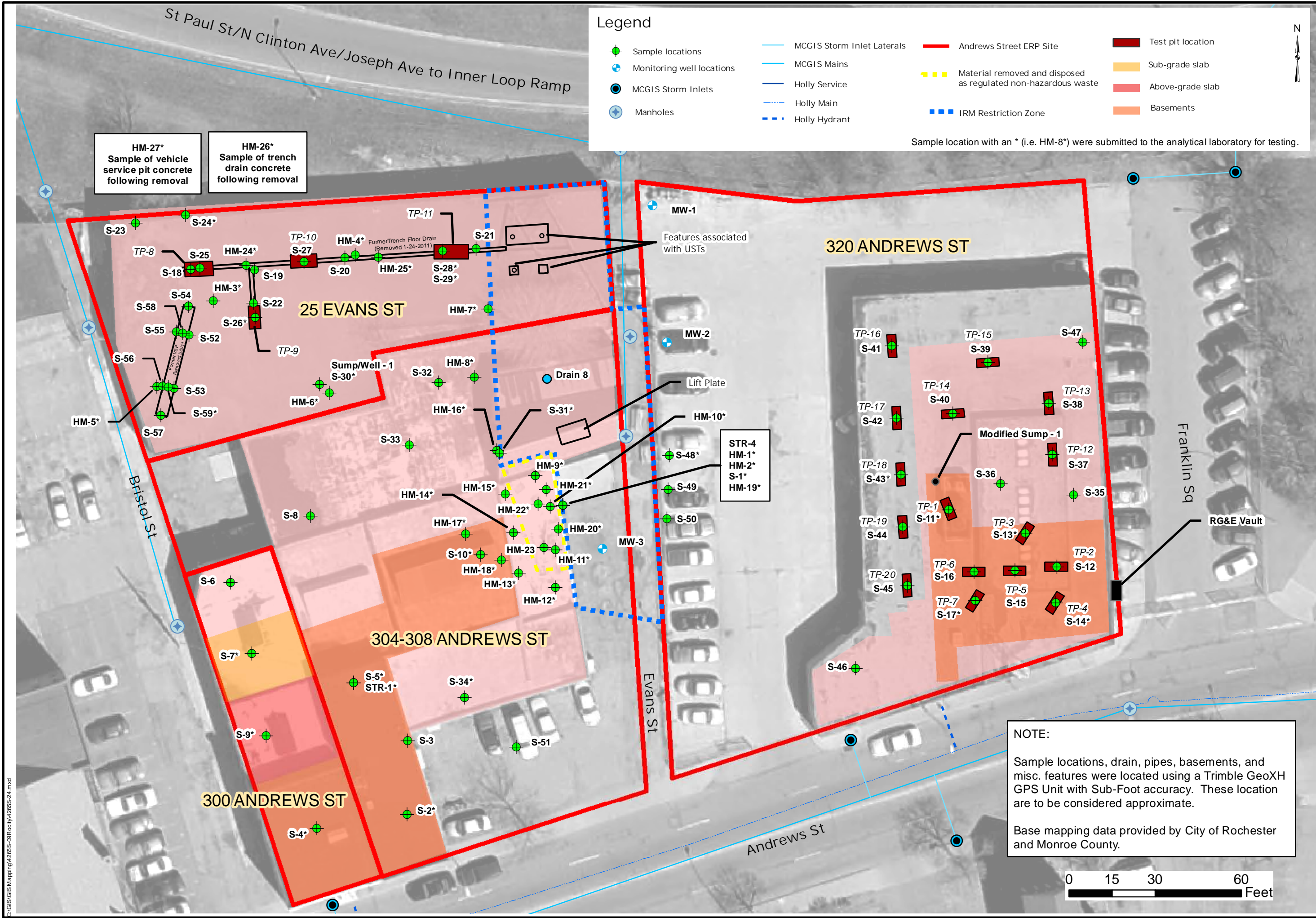
Project Title
300, 304-308, 320 ANDREWS STREET
AND 25 EVANS STREET
ROCHESTER, NEW YORK

ENVIRONMENTAL RESTORATION PROJECT NYSDEC SITE NO.: E828144
Drawing Title

Foundation Walls, Footers and Concrete Slabs Left In-Place

Project No.
4265S-09

FIGURE 5



DESIGNED BY	NES	DATE	11-2010
DRAWN BY	CPS	DATE DRAWN	11-2010
SCALE	AS NOTED	DATE ISSUED	05-09-2011

day
DAY ENVIRONMENTAL, INC.
Environmental Consultants
Rochester, New York 14614-1008
New York, New York 10016-0710

DRAFT

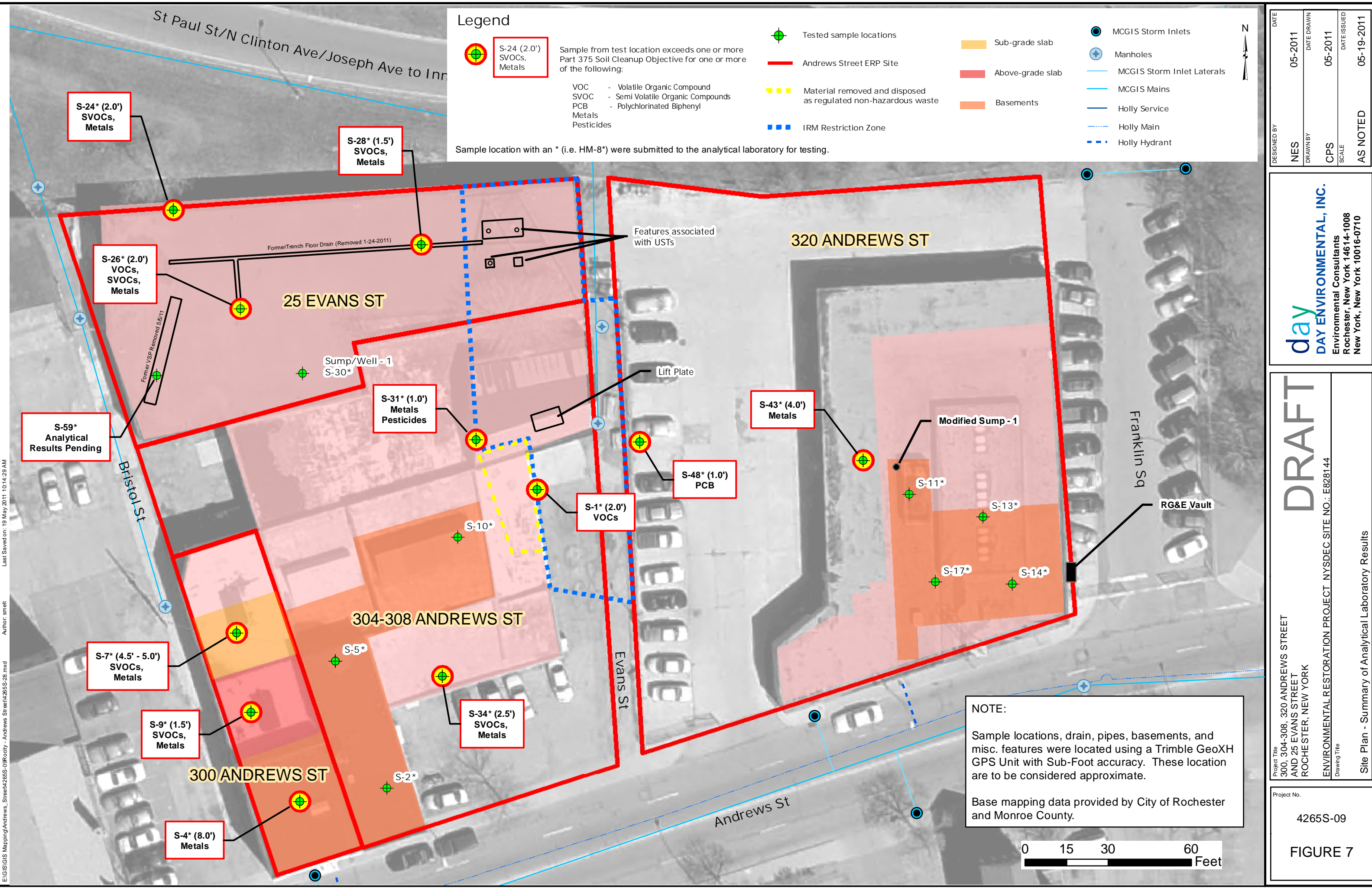
Project Title
300, 304-308, 320 ANDREWS STREET
AND 25 EVANS STREET
ROCHESTER, NEW YORK

ENVIRONMENTAL RESTORATION PROJECT NYSDEC SITE NO.: E828144
Drawing Title

Site Plan - Sample Locations

Project No.
4265S-09

FIGURE 6



DRAFT

TABLES

Table 1

At-Grade and Sub-Grade Demolition Report
300, 304-308, 320 Andrews St and 25 Evans St
Rochester, NY

DRAFT

NYSDEC Site #E828144

Sample Log

Lab Sample Number	Sample ID	Collection Date	Collection Time	Composite or Grab	PID Reading (ppm)	Depth (ft bgs)	Relative Elevation	Adjusted Depth (ft bgs) ⁽¹⁾	Matrix	MS/MSD Collected	Collection Rational	Analytical Test Parameters
001	Basement Water	8/25/2010	16:05	Comp.	NA	NA	Below Grade	12	Water	No	320 Andrews St M.C. Pure Waters Sewer Use Permit	VOCs and SVOCs
002	HM-1	10/19/2010	11:35	Grab	3.3 ⁽²⁾	4	At-Grade	4	Concrete	No	304 - 308 Andrews St Evaluate Bollard Footer Bottom Surface	TCL VOCs + TICs
003	HM-2	10/19/2010	11:40	Grab	3.3 ⁽²⁾	0-0.5	At-Grade	0-0.5	Concrete	No	304 - 308 Andrews St Evaluate Bollard Footer Top Surface	TCL VOCs + TICs
004	S-1	10/19/2010	12:00	Grab	11.4	2	At-Grade	2.0	Soil	Yes	304 - 308 Andrews St Evaluate the soil at the midpoint of Bollard Void	Full Suite
005	HM-3	11/19/2010	10:00	Grab	15.6	NA	At-Grade	0.5	Concrete	No	25 Evans St Waste Evaluation	TCL VOCs + TICs ⁽³⁾
006	HM-4	11/19/2010	10:40	Grab	21.3	NA	At-Grade	0.5	Concrete	No	25 Evans St Waste Evaluation	TCL VOCs + TICs ⁽³⁾
007	HM-5	11/19/2010	11:00	Grab	19.6	NA	At-Grade	0.5	Concrete	No	25 Evans St Waste Evaluation	TCL VOCs + TICs ⁽³⁾
008	HM-6	11/19/2010	11:40	Grab	12.9	NA	At-Grade	0.5	Concrete	No	25 Evans St Waste Evaluation	TCL VOCs + TICs ⁽³⁾
009	HM-7	11/19/2010	12:10	Grab	0.9	NA	At-Grade	0.5	Concrete	No	25 Evans St Waste Evaluation	TCL VOCs + TICs ⁽³⁾
010	HM-8	11/19/2010	12:30	Grab	2.2	NA	At-Grade	0.5	Concrete	Yes	304-308 Andrews St Waste Evaluation	TCL VOCs + TICs ⁽³⁾
011	HM-9	11/19/2010	12:45	Grab	4.3	NA	At-Grade	0.5	Concrete	No	304-308 Andrews St Waste Evaluation	TCL VOCs + TICs ⁽³⁾
012	HM-10	11/19/2010	13:10	Grab	3	NA	At-Grade	0.5	Concrete	No	304-308 Andrews St Waste Evaluation	TCL VOCs + TICs ⁽³⁾ ; TCLP VOCs
013	HM-11	11/19/2010	13:30	Grab	1.6	NA	At-Grade	0.5	Concrete	No	304-308 Andrews St Waste Evaluation	TCL VOCs + TICs ⁽³⁾
014	HM-12	11/19/2010	13:40	Grab	1.7	NA	At-Grade	0.5	Concrete	No	304-308 Andrews St Waste Evaluation	TCL VOCs + TICs ⁽³⁾
015	HM-16	11/19/2010	14:30	Grab	24.2	NA	At-Grade	0.5	Concrete	No	304-308 Andrews St Waste Evaluation	TCL VOCs + TICs ⁽³⁾
016	FB111910	11/19/2010	11:30	Grab	NA	NA	NA	NA	Water	No	Field Blank - Equipment Rinsate Sample	TCL VOCs + TICs
017	S-2	11/16/2010	12:29	Grab	0	0-0.5	Below Grade	8-8.5	Soil	No	304-308 Andrews St Confirmatory Clean Sample	Full Suite

Table 1

At-Grade and Sub-Grade Demolition Report
300, 304-308, 320 Andrews St and 25 Evans St
Rochester, NY

NYSDEC Site #E828144

Sample Log

Lab Sample Number	Sample ID	Collection Date	Collection Time	Composite or Grab	PID Reading (ppm)	Depth (ft bgs)	Relative Elevation	Adjusted Depth (ft bgs) ⁽¹⁾	Matrix	MS/MSD Collected	Collection Rational	Analytical Test Parameters
	S-3	11/16/2010	12:32	Grab	0	6	Below Grade	6	Soil	No	Waste Evaluation of STR-2A and STR-2B 304-308 Andrews St	Not Analyzed
018	S-4	11/16/2010	12:44	Grab	0	0-0.5	Below Grade	8	Soil	No	300 Andrews St Confirmatory Clean Sample	Full Suite
	STR-1	11/16/2010	14:30	Grab	0	NA	Below Grade	8	Soil	No	304-308 Andrews St Waste Evaluation of Ash/Soot Like Material found in STR-1	Not Analyzed
019	S-5	11/16/2010	15:00	Grab	0	2-3	Below Grade	10	Soil	Yes	304-308 Andrews St STR-1 Soil Sample from immediately below Structure	Full Suite
	S-6	11/17/2010	12:45	Grab	0	0-0.5	At-Grade	0.5-1	Soil	No	300 Andrews St Confirmatory Clean Sample	Not Analyzed
020	S-7	11/17/2010	12:50	Grab	0	0-0.5	Below Grade	4.5-5	Soil	No	300 Andrews St Confirmatory Clean Sample	Full Suite
	S-8	11/17/2010	14:45	Grab	0	0-0.5	At-Grade	0.5-1	Soil	No	304-308 Andrews St Confirmatory Clean Sample	Not Analyzed
021	S-9	11/18/2010	9:45	Grab	0	1.0	Above-Grade	1.5 ⁽⁹⁾	Soil	Yes	300 Andrews St Confirmatory Clean Sample	Full Suite and TCLP Lead
022	HM-13	11/19/2010	13:50	Grab	7.6	NA	At-Grade	0.5	Concrete	No	304-308 Andrews St Waste Evaluation	TCL VOCs + TICs
023	HM-14	11/19/2010	14:00	Grab	2.3	NA	At-Grade	0.5	Concrete	No	304-308 Andrews St Waste Evaluation	TCL VOCs + TICs
024	HM-15	11/19/2010	14:20	Grab	1.1	NA	At-Grade	0.5	Concrete	No	304-308 Andrews St Waste Evaluation	TCL VOCs + TICs
025	HM-17	12/1/2010	7:30	Grab	0	0.5-1.0	Below Grade	9.5-10	Concrete	No	304-308 Andrews St Waste Evaluation	TCL VOCs + TICs
026	HM-18	12/1/2010	7:45	Grab	0.1	3	Below Grade	3.0	Concrete	No	304-308 Andrews St Waste Evaluation	TCL VOCs + TICs
027	HM-19	12/6/2010	13:15	Grab	0.7	3	Below Grade	3.0	Concrete	No	304-308 Andrews St STR-4 Waste Evaluation	TCLP PCE
028	STR-1	12/6/2010	12:30	Grab	7.9	NA	Below Grade	8	Soil	No	304-308 Andrews St STR-1 Waste Evaluation	TCLP Metals and pH
029	S-10	12/6/2010	11:00	Grab	3.9	0.5-1	Below Grade	8.5-9	Soil	Yes	304-308 Andrews St Confirmatory Clean Sample	Full Suite
030	Excavation Water	12/8/2010	15:25	Grab	NA	NA	Below Grade	8	Water	No	304-308 Andrews St M.C. Pure Waters Sewer Use Permit	RCRA Metals, SVOCs, VOCs
031	HM-20	1/10/2011	11:30	Grab	0	0.25"-0.75"	At-Grade	0.25"-0.75"	Concrete	No	304-308 Andrews St Conceptual Model	TCL VOCs

Table 1

At-Grade and Sub-Grade Demolition Report
300, 304-308, 320 Andrews St and 25 Evans St
Rochester, NY

NYSDEC Site #E828144

Sample Log

Lab Sample Number	Sample ID	Collection Date	Collection Time	Composite or Grab	PID Reading (PPM)	Depth (ft bgs)	Relative Elevation	Adjusted Depth (ft bgs) ⁽¹⁾	Matrix	MS/MSD Collected	Collection Rational	Analytical Test Parameters
032	HM-21	1/10/2011	12:06	Grab	0	0.25"-0.75"	At-Grade	0.25"-0.75"	Concrete	No	304-308 Andrews St Conceptual Model	TCL VOCs
033	S-11	1/18/2011	10:25	Grab	1.1	3	Below Grade	14	Soil	Yes	320 Andrews St Confirmatory Clean	Full Suite
	S-12	1/18/2011	11:15	Grab	0.4	4.5	Below Grade	15.5	Soil	No	320 Andrews St Confirmatory Clean	Not Analyzed
034	S-13	1/18/2011	11:25	Grab	0.4	3	Below Grade	14	Soil	No	320 Andrews St Confirmatory Clean	Full Suite
035	S-14	1/18/2011	12:00	Grab	1.3	3	Below Grade	14	Soil	No	320 Andrews St Confirmatory Clean	Full Suite
	S-15	1/18/2011	12:16	Grab	0.9	4.5	Below Grade	15.5	Soil	No	320 Andrews St Confirmatory Clean	Not Analyzed
	S-16	1/18/2011	13:40	Grab	0	4.5	Below Grade	15.5	Soil	No	320 Andrews St Confirmatory Clean	Not Analyzed
036	S-17	1/18/2011	14:15	Grab	208	3	Below Grade	14	Soil	Yes	320 Andrews St Confirmatory Clean	Full Suite
037	HM-22	1/19/2011	9:45	Grab	0.5	0-0.75	At-Grade	0-0.75	Concrete	No	304-308 Andrews St Waste Characterization	PCBs and TCLP Metals
	HM-23	1/19/2011	10:00	Grab	4.8	0-0.75	At-Grade	0-0.75	Concrete	No	304-308 Andrews St Waste Characterization	Not Analyzed
	S-18	1/24/2011	10:35	Grab	104	2.0	At-Grade	2.0	Soil	No	25 Evans St Trench Drain Evaluation	Not Analyzed
	S-19	1/24/2011	10:30	Grab	47.8	2.0	At-Grade	2.0	Soil	Yes	25 Evans St Trench Drain Evaluation	Not Analyzed
	S-20	1/24/2011	10:45	Grab	40.7	2.0	At-Grade	2.0	Soil	No	25 Evans St Trench Drain Evaluation	Not Analyzed
	S-21	1/24/2011	10:50	Grab	25.2	2.0	At-Grade	2.0	Soil	No	25 Evans St Trench Drain Evaluation	Not Analyzed
	S-22	1/24/2011	11:45	Grab	10	2.0	At-Grade	2.0	Soil	No	25 Evans St Trench Drain Evaluation	Not Analyzed
	S-23	1/24/2011	12:00	Grab	0	0.5	At-Grade	1.0	Soil	No	25 Evans St Confirmatory Clean	Not Analyzed
038	Vehicle Service Pit	1/24/2011	13:00	Grab	0	1.0	At-Grade	1.5	Water	No	25 Evans St M.C. Pure Waters Sewer Use Permit	VOCs, SVOCs, RCRA Metals, pH
039	S-24	1/24/2011	14:30	Grab	20	2.0	At-Grade	2.0	Soil	No	25 Evans St Confirmatory Clean	Full Suite
	S-25	1/25/2011	10:40	Grab	3.8	3.0	At-Grade	3.0	Soil	No	25 Evans St Trench Drain Evaluation - test pit	Not Analyzed
040	S-26	1/25/2011	11:00	Grab	104	2.0	At-Grade	2.0	Soil	No	25 Evans St Trench Drain Evaluation - test pit	Full Suite

Table 1

At-Grade and Sub-Grade Demolition Report
300, 304-308, 320 Andrews St and 25 Evans St
Rochester, NY

NYSDEC Site #E828144

Sample Log

Lab Sample Number	Sample ID	Collection Date	Collection Time	Composite or Grab	PID Reading (PPM)	Depth (ft bgs)	Relative Elevation	Adjusted Depth (ft bgs) ⁽¹⁾	Matrix	MS/MSD Collected	Collection Rational	Analytical Test Parameters
	S-27	1/25/2011	11:15	Grab	13.6	4.0	At-Grade	4.0	Soil	No	25 Evans St Trench Drain Evaluation - test pit	Not Analyzed
041	S-28	1/25/2011	11:30	Grab	26.7	1.5	At-Grade	1.5	Soil	No	25 Evans St Trench Drain Evaluation - test pit	Full Suite
042	S-29	1/25/2011	11:25	Grab	188	3.5	At-Grade	3.5	Soil	Yes	25 Evans St Trench Drain Evaluation - test pit	Full Suite
043	S-30	1/26/2011	10:15	Grab	0	6.5	At-Grade	1.0	Soil	No	25 Evans St Well/Sump-1 Evaluation	Full Suite
	HM-24	1/27/2011	11:30	Grab	40.9	2.0	At-Grade	2.0	Concrete	No	25 Evans St Trench Drain Characterization	TCLP VOCs, TCLP Metals, pH
044 ⁽⁴⁾	HM-25	1/27/2011	11:45	Grab	42.7	2.0	At-Grade	2.0	Concrete	No	25 Evans St Trench Drain Characterization	
	HM-26	1/27/2011	12:00	Grab	1	NA	At-Grade	2.0	Concrete	No	25 Evans St Trench Drain Characterization	
045	S-31	1/31/2011	14:00	Grab	1.1	0.5	At-Grade	1.0	Soil	No	304-308 Andrews St - Adjacent to a 2-inch diameter metal pipe immediately below building slab	Full Suite
	S-32	1/31/2011	14:20	Grab	0.8	0.5	At-Grade	1.0	Soil	No	304-308 Andrews St - Spatial coverage	Not Analyzed
	S-33	1/31/2011	14:40	Grab	0	0.5	At-Grade	1.0	Soil	No	304-308 Andrews St - Spatial coverage	Not Analyzed
046	S-34	1/31/2011	15:30	Grab	0	2.5	At-Grade	2.5	Soil	Yes	304-308 Andrews St - Black fill material containing coal, cinders, glass brick etc.	Full Suite
	S-35	2/7/2011	14:55	Grab	0	0-0.5	At-Grade	0.5-1.0	Soil	No	320 Andrews St - Silty sand with gravel (fill) beneath floor slab location	Not Analyzed
	S-36	2/7/2011	15:05	Grab	0	0-0.5	At-Grade	0.5-1.0	Soil	No	320 Andrews St - Silty sand with gravel (fill) beneath floor slab location	Not Analyzed
	S-37	2/7/2011	12:05	Grab	0	0.5	At-Grade	4	Soil	Yes	320 Andrews St - Silty sand with gravel (fill) beneath pier/footer location	Not Analyzed
	S-38	2/7/2011	13:30	Grab	0	0.5	At-Grade	4	Soil	No	320 Andrews St - Silty sand with gravel (fill) beneath pier/footer location	Not Analyzed
	S-39	2/8/2011	10:27	Grab	0	4	At-Grade	4	Soil	No	320 Andrews St - Brown silty sand with gravel (fill) beneath pier/footer location	Not Analyzed
	S-40	2/8/2011	10:45	Grab	0	4	At-Grade	4	Soil	No	320 Andrews St - Brown silty sand with gravel (fill) beneath pier/footer location	Not Analyzed

Table 1

At-Grade and Sub-Grade Demolition Report
300, 304-308, 320 Andrews St and 25 Evans St
Rochester, NY

NYSDEC Site #E828144

Sample Log

Lab Sample Number	Sample ID	Collection Date	Collection Time	Composite or Grab	PID Reading (PPM)	Depth (ft bgs)	Relative Elevation	Adjusted Depth (ft bgs) ⁽¹⁾	Matrix	MS/MSD Collected	Collection Rational	Analytical Test Parameters
	S-41	2/8/2011	14:55	Grab	1.1	4	At-Grade	4	Soil	No	320 Andrews St - Brown silty sand with gravel (fill) beneath pier/footer location	Not Analyzed
	S-42	2/9/2011	9:00	Grab	3.8	4	At-Grade	4	Soil	No	320 Andrews St - Silty sand with gravel (fill) beneath pier/footer location	Not Analyzed
047	S-43	2/9/2011	9:40	Grab	4.2	4	At-Grade	4	Soil	No	320 Andrews St - Brown silty sand with gravel, some black staining or black sand (fill) beneath pier/footer location	Full Suite
	S-44	2/9/2011	10:35	Grab	0.7	4	At-Grade	4	Soil	No	320 Andrews St - Brown silty sand with gravel (fill) beneath pier/footer location	Not Analyzed
	S-45	2/9/2011	11:45	Grab	0	4	At-Grade	4	Soil	No	320 Andrews St - Brown silty sand with gravel (fill) beneath pier/footer location	Not Analyzed
	S-46	2/10/2011	13:00	Grab	3.5	2	At-Grade	2	Soil	No	320 Andrews St - Black loose and hard fill (suspect roofing material) in footer location	Not Analyzed
	S-47	2/10/2011	8:40	Grab	0.3	2.5	At-Grade	2.5	Soil	No	320 Andrews St - Black stained 6" sandy silt, some gravel (fill) layer in footer location	Not Analyzed
048	S-48	2/17/2011	9:50	Grab	1.2	0.5	At-Grade	1.0	Soil	Yes	320 Andrews St - Brown silty sand, some gravel beneath concrete pavement	Full Suite
	S-49	2/17/2011	10:00	Grab	0.6	0.5	At-Grade	1.0	Soil	Yes	320 Andrews St - Brown silty sand, some gravel beneath concrete pavement	Not Analyzed
	S-50	2/17/2011	10:10	Grab	0.3	0.5	At-Grade	1.0	Soil	Yes	320 Andrews St - Brown silty sand, some gravel beneath concrete pavement	Not Analyzed
	S-51	2/17/2011	12:15	Grab	1.2	0.5	At-Grade	1.0	Soil	No	304-308 Andrews St - Brown sandy silt, some clay, trace gravel, coal and asphalt beneath asphalt pavement	Not Analyzed
	S-52	5/5/2011	9:20	Grab	0	5.5	Below-Grade	5.5	Soil	No	25 Evans Street Vehicle Service Pit - Brown sandy silt some gravel, trace organics and brick (fill)	Not Analyzed
	S-53	5/5/2011	9:30	Grab	0	5.0	Below-Grade	5.0	Soil	No	25 Evans Street Vehicle Service Pit - Brown sandy silt some gravel, trace organics and brick (fill)	Not Analyzed
	S-54	5/5/2011	11:20	Grab	0	4.0	Below-Grade	4.0	Soil	No	25 Evans Street Vehicle Service Pit - Brown sandy silt some gravel, trace organics and brick (fill)	Not Analyzed

Table 1

At-Grade and Sub-Grade Demolition Report
300, 304-308, 320 Andrews St and 25 Evans St
Rochester, NY

NYSDEC Site #E828144

Sample Log

Lab Sample Number	Sample ID	Collection Date	Collection Time	Composite or Grab	PID Reading (PPM)	Depth (ft bgs)	Relative Elevation	Adjusted Depth (ft bgs) ⁽¹⁾	Matrix	MS/MSD Collected	Collection Rational	Analytical Test Parameters
	S-55	5/5/2011	11:15	Grab	0	4.0	Below-Grade	4.0	Soil	No	25 Evans Street Vehicle Service Pit - Brown sandy silt some gravel, trace organics and brick (fill)	Not Analyzed
	S-56	5/5/2011	11:10	Grab	0.3	4.0	Below-Grade	4.0	Soil	No	25 Evans Street Vehicle Service Pit - Brown sandy silt some gravel, trace organics and brick (fill)	Not Analyzed
	S-57	5/5/2011	11:00	Grab	1.2	4.0	Below-Grade	4.0	Soil	No	25 Evans Street Vehicle Service Pit - Brown sandy silt some gravel, trace organics and brick (fill)	Not Analyzed
	S-58	5/5/2011	11:40	Grab	0	0.5	Below-Grade	4.5	Soil	Yes	25 Evans Street Vehicle Service Pit - Brown silty SAND some gravel	Not Analyzed
049	S-59	5/5/2011	11:50	Grab	0.9	0.5	Below-Grade	4.5	Soil	Yes	25 Evans Street Vehicle Service Pit - Brown silty SAND some gravel	Full Suite
050	HM-27	5/5/2011	15:00	Grab	2.7	NA	Below-Grade	NA	Concrete	No	25 Evans Street Vehicle Service Pit concrete sample	TCLP Metals, TCL VOCs, PCBs

Notes

- (1) Approximate depth of sample as referenced to the sidewalk adjacent to Andrews Street with assumed datum of 0.00 feet.
 (2) Sample PID reading was ambient air screening result; headspace measurement not available.
 (3) Slab and soil sample were at a higher elevation than the Andrews Street sidewalk reference point
 (4) 3:1 composite sample created using HM-24, HM-25, HM-26 and designated 044/HM-24, HM-25, HM-26 (0-25")
 NA = Not Applicable
 Ft = Feet
 bgs = below ground surface
 Full Suite = TCL VOCs + TICs (8260); TCL SVOCs + TICs (8270); TAL Metals (6010/7471); Cyanide (9012); PCBs (8082) and Pesticides (8081)
 TCL = Target Compound List
 TAL = Target Analyte List
 PCB = Polychlorinated Biphenyl (8082)
 MS/MSD = Matrix Spike/Matrix Spike Duplicate
 PID Reading = Photoionization Detector Reading in parts per million (ppm) on headspace sample unless footnoted with (2) above
 VOC - Volatile Organic Compound (8260 or 624)
 SVOC = Semi-Volatile Organic Compound (8270 or 625)
 TIC = Tentatively Identified Compound
 RCRA = Resource Conservation and Recovery Act
 TCLP = Toxicity Characteristic Leaching Procedure

DRAFT

**At-Grade and Sub-Grade Demolition Report
300, 304-308, 320 Andrews St and 25 Evans St
Rochester, NY**

NYSDEC Site #E828144

Waste Disposal Tracking Log

	Waste Stream Description	Waste Quantity (Vol)	Staging Area Location(s)	Date Generated (Removed)	Waste Char. Sample Collection Date	Waste Char. Testing Parameters	Type of Waste (Non-Haz, Characteristic Haz.)	Waste Transporter	Waste Disposal Facility	Date of Waste Removal
1	304-308 Andrews Street Bollard with Concrete Footer Concrete	Est. 1 cy	Staged Material Exclusion Zone	10/14/2010	10/16/2010 12/6/2010	TCL VOCs; TCLP PCE	Non-Hazardous	NYETECH	High Acres Landfill	4/21/2011
2	304-308 Andrews Street Subsurface Structure #1 Soil	Est. 1.8 cy	Staged Material Exclusion Zone	11/16/2010	12/6/2010	TCLP Metals; pH	Non-Hazardous	NYETECH	High Acres Landfill	4/21/2011
3	25 Evans Street Trench Drain Concrete	Est. 14 cy	Staged Material Exclusion Zone	1/25/2011	1/27/2011	TCLP Metals; TCLP VOCs; PCBs	Non-Hazardous	NYETECH	High Acres Landfill	4/21/2011
4	304-308 Andrews Street Slab Adjacent to PCE IRM Area Concrete	Est. 14.3 cy	Staged Material Exclusion Zone	5/5/2011	11/19/2010 1/18/2011	TCLP VOCs; TCLP Metals; PCBs				
5	25 Evans Street Vehicle Service Pit Bottom Concrete	Est. 3.3 cy	Staged Material Exclusion Zone	5/6/2011	5/5/2011	Total VOCs; TCLP Metals; PCBs				

CY = Cubic Yards

TCLP = Toxicity Characteristic Leach

TCL = Target Compound List

VOC = Volatile Organic Compound

PCE = Tetrachloroethene or Perchloroethene

PCB = Polychlorinated Biphenyl

TBD = To Be Determined

NA = Not Applicable

UNKN = Unknown

NYETECH = New York Environmental Technologies, Inc

Day Environmental, Inc

Revision Date 5/13/2011

nes786/RoCity 4265S-09

**At-Grade and Sub-Grade Demolition Report
300, 304-308 Andrews St and 25 Evans St
Rochester, NY**

NYSDEC Site #E828144

DRAFT

Subsurface Structure Attributes

Structure ID	Parcel Address	Material Description	Diameter	Orientation	Field Screening Results	Removed	Additional Study
Pipe 1	300 Andrews Street	Metal	1.5"	North-South	0.0 PPM No Staining No Odors	Yes	No
Pipe 2	300 Andrews Street	Metal	4"	Vertical	0.0 PPM No Staining No Odors	Yes	No
Pipe 3	300 Andrews Street	Metal	4"	Vertical	0.0 PPM No Staining No Odors	Yes	No
Pipe 4	300 Andrews Street	Metal	4"	East-West	0.0 PPM No Staining No Odors	Yes	No
Pipe 5	304-308 Andrews Street	Metal	3"	North-South	0.0 PPM No Staining No Odors	Yes	No
Pipe 6	304-308 Andrews Street	Metal	1.5"	Vertical	0.0 PPM No Staining No Odors	Yes	No
Pipe 7	304-308 Andrews Street	Metal	12"	North-South	0.0 PPM No Staining No Odors	Yes	No
Pipe 8	304-308 Andrews Street	Metal	4"	Vertical	0.0 PPM No Staining No Odors	Yes	No
Pipe 9	304-308 Andrews Street	Metal	1"	East-West	0.0 PPM No Staining No Odors	Yes	No
Pipe 10	304-308 Andrews Street	Metal	2"	North-South	0.0 PPM No Staining No Odors	Yes	No
Pipe 11	304-308 Andrews Street	Metal	3"	Vertical	0.0 PPM No Staining No Odors	Yes	No
Pipe 12	300 Andrews Street	Metal	2"	Vertical	0.0 PPM No Staining No Odors	Yes	No
Pipe 13	304-308 Andrews Street	Cast Iron	4"	North-South	0.0 PPM No Staining No Odors	Yes	No
Pipe 14	25 Evans Street	Cast Iron	4"	East-West	0.0 PPM No Staining No Odors	No	No
Pipe 15	304-308 Andrews Street	Metal	2"	East-West	0.0 PPM No Staining No Odors	Removal completed to the IRM Restriction Zone	Yes
Pipe 16	25 Evans Street	Metal	2"	East-West	0.0 PPM No Staining No Odors	Yes	No

**At-Grade and Sub-Grade Demolition Report
300, 304-308 Andrews St and 25 Evans St
Rochester, NY**

NYSDEC Site #E828144

DRAFT

Subsurface Structure Attributes

Structure ID	Parcel Address	Material Description	Diameter	Orientation	Field Screening Results	Removed	Additional Study
Pipe 17	320 Andrews Street	Cast Iron	12"	East-West	0.0 PPM No Staining No Odors	No	No
Pipe 18	320 Andrews Street	Cast Iron	2"	East-West	0.0 PPM No Staining No Odors	No	No
Pipe 19	320 Andrews Street	Metal	2"	North-South	0.0 PPM No Staining No Odors	Yes	No
Pipe 20	320 Andrews Street	Metal	4"	Vertical	0.0 PPM No Staining No Odors	No	No
Drain 1	304-308 Andrews Street	Grated Surface Drain	4"	Vertical	0.0 PPM No Staining No Odors	Yes	No
Drain 2	304-308 Andrews Street	Grated Surface Drain	12"	Vertical	0.0 PPM No Staining No Odors	Yes	No
Drain 3	300 Andrews Street	Grated Floor Drain	4"	Vertical	0.0 PPM No Staining No Odors	Yes	No
Drain 4	304-308 Andrews Street	Sanitary Sewer Lateral	Unknown	Vertical	0.0 PPM No Staining No Odors	Yes	No
Drain 5	25 Evans Street	Grated Surface Drain	2"	Vertical	0.0 PPM No Staining No Odors	No	Yes
Drain 6	320 Andrews Street	Grated Surface Drain - under former slab	4"	Vertical	0.0 PPM No Staining No Odors	Yes	No
Drain 7	320 Andrews Street	Grated Surface Drain - under former slab	4"	Vertical	0.0 PPM No Staining No Odors	Yes	No
Drain 8	304-308 Andrews Street	Grated Surface Drain	Unknown	Vertical	Not Applicable	No	Yes
Drain 9	320 Andrews Street	Grated Surface Drain - under former slab	2"	Vertical	0.0 PPM No Staining No Odors	Yes	No
Drain 10	25 Evans Street	Cast Iron	4"	East-West	0.0 PPM No Staining No Odors	No, Decommissioned In-Place	No
Valve 1	304-308 Andrews Street	Water Service Lateral	6"	North-South	0.0 PPM No Staining No Odors	Yes	No
STR-1	304-308 Andrews Street	Possible Smoke Stack Foundation	~4 ft by 4 ft	Vertical	Some odors and Staining - contains ash, cinders	Yes	No

**At-Grade and Sub-Grade Demolition Report
300, 304-308 Andrews St and 25 Evans St
Rochester, NY**

NYSDEC Site #E828144

DRAFT

Subsurface Structure Attributes

Structure ID	Parcel Address	Material Description	Diameter	Orientation	Field Screening Results	Removed	Additional Study
STR-2A	304-308 Andrews Street	Filled in voids in Basement Walls	4 ft by 4 ft	Horizontal	Dark Stained material (ash, cinders, coal)	No	Yes
STR-2B	304-308 Andrews Street	Filled in voids in Basement Walls	4 ft by 4 ft	Horizontal	Dark Stained material (ash, cinders, coal)	No	Yes
STR-3	25 Evans Street	~2ft x 2 ft Plate	Unknown	Unknown	Not Measured	No	Yes
STR-4	304-308 Andrews Street	Steel Bollard with concrete footer	3 ft diameter, 4 ft long	Vertical	3.3 PPM No Staining No Odors	Yes	Yes
Modified Sump-1	320 Andrews Street	Former Bus Station Basement Sump	~1ft	Vertical	0.0 PPM No Staining No Odors	No	No
Sump/Well-1	25 Evans Street	Stone lined Well/Sump	~2.5 ft	Vertical	0.0 PPM No Staining No Odors	Yes- to 7.0 ft bgs	No
Trench Drain	25 Evans Street	Concrete	~ 100 linear feet	East-West	0-188 PPM Staining Odors	Yes	Yes
Vehicle Service Pit	25 Evans Street	Concrete	40 ft by 3 ft	North-South	0-1.2 PPM Limited Staining & Odors	Yes	No
Cleanout 1	320 Andrews Street	Brass Capped	2"	Vertical	0.0 PPM No Staining No Odors	No	No
Cleanout 2	320 Andrews Street	Brass Capped	2"	Vertical	0.0 PPM No Staining No Odors	No	No
Cleanout 3	320 Andrews Street	Brass Capped	2"	Vertical	0.0 PPM No Staining No Odors	No	No
MW-1	320 Andrews Street	PVC Monitoring Well	2"	Vertical	Not Evaluated	No	Yes
MW-2	320 Andrews Street	PVC Monitoring Well	2"	Vertical	Not Evaluated	No	Yes
MW-3	304-308 Andrews Street	PVC Monitoring Well	2"	Vertical	Not Evaluated	No	Yes

Table 4

At-Grade and Sub-Grade Demolition Report
300, 304-308 Andrews St and 25 Evans St
Rochester, NY

DRAFT

NYSDEC Site #E828144

Summary of Detected VOCs in mg/kg or ppm

Hard Material Samples

Contaminant	002 HM-1(4') (10/19/10)	003 HM-2 (0-0.5') (10/19/10)	005 HM-3 (11/19/10)	006 HM-4 (11/19/10)	007 HM-5 (11/19/10)	008 HM-6 (11/19/10)	009 HM-7 (11/19/10)	010 HM-8 (11/19/10)	011 HM-9 (11/19/10)	012 HM-10 (11/19/10)
1,2-Dichlorobenzene	U	U	U	0.017	U	U	U	U	U	U
1,4-Dichlorobenzene	U	0.015 J	U	0.0037 J	U	U	U	U	U	U
Acetone	U	U	0.058	0.026 J	0.039	0.036	0.013 J	0.46	0.036	0.049
2-Butanone	U	U	0.0052 J	U	0.0064 J	U	U	0.0053 J	0.0053 J	0.0055 J
Carbon Disulfide	U	U	U	U	U	U	U	U	0.0018 J	U
Chloroform	U	U	U	U	U	U	U	U	U	0.0017 J
Ethylbenzene	U	U	0.006	0.013	0.00085 J	U	U	U	U	U
Isopropylbenzene	U	U	0.0059	0.0066	0.0017 J	U	U	U	U	U
Methylene chloride	U	U	0.002 J	U	U	0.0021 J	0.002 J	0.0023 J	0.0019 J	0.002 J
Tetrachloroethene	5.1 D	0.014	U	0.0011 J	0.0017 J	U	U	0.0018 J	6.7 D	15 D
Toluene	U	U	0.0031 J	0.0045 J	0.0015 J	U	U	U	U	U
Trichloroethene	U	U	U	U	U	U	U	U	U	0.0031 J
Xylene (mixed)	U	0.0036 J	0.05	0.105	0.0064 J	0.0029 J	U	U	U	U
Total VOCs	5.1	0.0326	0.1302	0.1769	0.05755	0.041	0.015	0.4694	6.745	15.0613
Total TICs ⁽¹⁾	U	0.01573	4.322	3.0391	4.5565	1.4457	0.0129	0.0619	0.15	0.0053
Total VOCs and TICs ⁽¹⁾	5.1	0.04833	4.4522	3.216	4.61405	1.4867	0.0279	0.5313	6.895	15.0666

Notes

U = Not Detected

(1) Refer to the analytical laboratory report for individual TICs detected and associated flags.

D = The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

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

mg/kg = milligrams per kilograms or parts per million (ppm).

TIC = Tentatively Identified Compound

VOC = Volatile Organic Compound

NT = Not Tested

Table 4

At-Grade and Sub-Grade Demolition Report
300, 304-308 Andrews St and 25 Evans St
Rochester, NY

DRAFT

NYSDEC Site #E828144

Summary of Detected VOCs In mg/kg or ppm

Hard Material Samples

Contaminant	013 HM-11 (11/19/10)	014 HM-12 (11/19/10)	015 HM-16 (11/19/10)	022 HM-13 (11/19/10)	023 HM-14 (11/19/10)	024 HM-15 (11/19/10)	025 HM-17 (12/1/10)	026 HM-18 (12/1/10)	031 HM-20 (0.25-0.75") (1/10/11)	032 HM-21 (0.25-0.75") (1/10/11)
1,2-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U
1,4-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U
Acetone	0.076	0.028	0.015 J	0.034	0.025	0.014 J	0.0152 J	0.0114 J	0.0936	0.0973
2-Butanone	0.006 J	0.0055 J	U	0.0085 J	U	U	U	U	U	U
Carbon Disulfide	U	U	U	U	U	U	U	U	U	U
Chloroform	U	U	U	U	U	U	U	U	U	U
Ethylbenzene	U	U	0.0024 J	U	U	U	U	U	U	U
Isopropylbenzene	U	U	0.0015 J	U	U	U	U	U	U	U
Methylene chloride	0.0025 J	0.0019 J	0.0019 J	U	U	U	U	U	U	U
Tetrachloroethene	0.13	0.016	0.005 J	0.0039 J	0.045	0.0019 J	0.00846	0.0519	U	U
Toluene	U	U	0.0011 J	U	U	U	U	U	U	U
Trichloroethene	U	U	U	U	U	U	U	U	U	U
Xylene (mixed)	U	U	0.028	U	U	U	U	U	U	U
Total VOCs	0.2145	0.0514	0.0549	0.0464	0.07	0.0159	0.02366	0.0633	0.0936	0.0973
Total TICs ⁽¹⁾	0.5701	0.046	0.486	0.0925	0.015	0.016	0.04745	U	0.0426	U
Total VOCs and TICs ⁽¹⁾	0.7846	0.0974	0.5409	0.1389	0.085	0.0319	0.07111	0.0633	0.1362	0.0973

Notes

U = Not Detected

(1) Refer to the analytical laboratory report for individual TICs detected and associated flags.

D = The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

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

mg/kg = milligrams per kilograms or parts per million (ppm).

TIC = Tentatively Identified Compound

VOC = Volatile Organic Compound

NT = Not Tested

Table 5

At-Grade and Sub-Grade Demolition Report
300, 304-308 Andrews St and 25 Evans St
Rochester, NY

NYSDEC Site #E828144

Summary of Detected VOCs in mg/kg or ppm

Soil and Fill Samples

Contaminant	A Unrestricted Use	B Residential Use	C Restricted Residential Use	D Restricted Commercial Use	E Restricted Industrial Use	F Protection of Ecological	G Protection of Groundwater	004 S-1 (2') (10/19/10)	017 S-2 (0-6") (11/16/10)	018 S-4 (0-6") (11/16/10)	019 S-5 (2'-3') (11/16/10)	020 S-7 (0-6") (11/17/10)	021 S-9 (1") (11/18/10)	029 S-10 (6"-1') (12/6/10)
Acetone	0.05	100	100	500	1,000	2.2	0.05	U	U	U	U	U	U	U
Benzene	0.06	2.9	4.8	44	89	70	0.06	U	U	U	U	U	U	U
Cyclohexane	NA	NA	NA	NA	NA	NA	NA	U	U	U	U	U	U	U
Ethylbenzene	1	30	41	390	780	NA	1	U	U	U	U	U	U	U
Isopropylbenzene	NA	NA	NA	NA	NA	NA	NA	U	U	U	U	U	U	U
Methylcyclohexane	NA	NA	NA	NA	NA	NA	NA	U	U	U	U	U	U	U
Methylene chloride	0.05	51	100	500	1,000	12	0.05	U	U	U	U	0.0018 J	U	U
Tetrachloroethene	1.3	5.5	19	150	300	2	1.3	1.9 D AG	U	U	U	U	U	0.0027 J
Toluene	0.7	100	100	500	1,000	36	0.7	U	U	U	U	U	U	U
Trichloroethene	0.47	10	21	200	400	2	0.47	U	U	U	U	U	U	U
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA	U	U	0.0035 J	U	U	U	U
Xylene (mixed)	0.26	100	100	500	1,000	0.26	1.6	0.0026 J	U	U	U	U	U	U
Total VOCs								1.9026	U	0.0035	U	0.0018	U	0.0027
Total TICs ⁽¹⁾								0.0013	U	U	U	U	U	U
Total VOCs and TICs ⁽¹⁾								1.9039	U	0.0035	U	U	U	0.0027

Notes

U = Not Detected

NA = Not Available

A = Exceeds Unrestricted Use SCO

B = Exceeds Residential Use SCO

E = Exceeds Industrial Use SCO

F = Exceeds Protection of Ecological Resources SCO

(1) Refer to the analytical laboratory report for individual TICs detected and associated flags.

mg/kg = milligrams per kilograms or parts per million (ppm).

Soil cleanup objectives (SCO) are as referenced in 6 NYCRR Part 375-6, Remedial Program Cleanup Objectives, dated December 14, 2006

D = The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

J = Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than the method detection limit.

The concentration given is an approximate value.

VOC = Volatile Organic Compound

C = Exceeds Restricted Residential Use SCO

G = Exceeds Protection of Groundwater SCO

TIC = Tentatively Identified Compound

D = Exceeds Commercial Use SCO

Table 5

At-Grade and Sub-Grade Demolition Report
300, 304-308 Andrews St and 25 Evans St
Rochester, NY

NYSDEC Site #E828144

Summary of Detected VOCs in mg/kg or ppm

Soil and Fill Samples

Contaminant	A Unrestricted Use	B Residential Use	C Restricted Residential Use	D Restricted Commercial Use	E Restricted Industrial Use	F Protection of Ecological	G Protection of Groundwat	033 S-11 (3') (1/18/11)	034 S-13 (3') (1/18/11)	035 S-14 (3') (1/18/11)	036 S-17 (3') (1/18/11)	039 S-24 (2') (1/24/11)	040 S-26 (2') (1/25/11)	041 S-28 (1.5') (1/25/11)
Acetone	0.05	100	100	500	1,000	2.2	0.05	U	U	U	U	U	U	0.028 J
Benzene	0.06	2.9	4.8	44	89	70	0.06	U	U	U	U	U	0.009 J AG	U
Cyclohexane	NA	NA	NA	NA	NA	NA	NA	U	U	U	U	U	U	0.0034 J
Ethylbenzene	1	30	41	390	780	NA	1	U	U	U	U	U	0.25 J	0.021
Isopropylbenzene	NA	NA	NA	NA	NA	NA	NA	U	U	U	U	U	U	0.011
Methylcyclohexane	NA	NA	NA	NA	NA	NA	NA	U	U	U	U	U	0.26 J	U
Methylene chloride	0.05	51	100	500	1,000	12	0.05	U	U	U	U	0.0055 J	U	0.0033 J
Tetrachloroethene	1.3	5.5	19	150	300	2	1.3	U	U	U	U	U	U	U
Toluene	0.7	100	100	500	1,000	36	0.7	U	U	U	U	U	0.21 J	0.0019 NJ
Trichloroethene	0.47	10	21	200	400	2	0.47	U	U	U	U	U	U	U
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA	U	U	U	U	U	U	U
Xylene (mixed)	0.26	100	100	500	1,000	0.26	1.6	U	U	U	U	U	1.05 NJ AF	0.068
Total VOCs								U	U	U	U	0.0055	1.859	0.1366
Total TICs ⁽¹⁾								U	U	U	0.493	0.296	32.42	3.508
Total VOCs and TICs ⁽¹⁾								U	U	U	0.493	0.3015	34.279	3.6446

Notes

U = Not Detected

A = Exceeds Unrestricted Use SCO

E = Exceeds Industrial Use SCO

(1) Refer to the analytical laboratory report for individual TICs detected and associated flags.

mg/kg = milligrams per kilograms or parts per million (ppm).

Soil cleanup objectives (SCO) are as referenced in 6 NYCRR Part 375-6, Remedial Program Cleanup Objectives, dated December 14, 2006

D = The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

J = Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than the method detection limit.

The concentration given is an approximate value.

NJ = The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as potential false positive and/or elevated quantitative value.

NA = Not Available

B = Exceeds Residential Use SCO

F = Exceeds Protection of Ecological Resources SCO

G = Exceeds Protection of Groundwater SCO

VOC = Volatile Organic Compound

C = Exceeds Restricted Residential Use SCO

G = Exceeds Protection of Groundwater SCO

TIC = Tentatively Identified Compound

D = Exceeds Commercial Use SCO

Table 5

At-Grade and Sub-Grade Demolition Report
300, 304-308 Andrews St and 25 Evans St
Rochester, NY

NYSDEC Site #E828144

Summary of Detected VOCs in mg/kg or ppm

Soil and Fill Samples

Contaminant	A Unrestricted Use	B Residential Use	C Restricted Residential Use	D Restricted Commercial Use	E Restricted Industrial Use	F Protection of Ecological	G Protection of Groundwater	042 S-29 (3.5') (1/25/11)	043 S-30 (6.5') (1/26/11)	045 S-31 (0.5') (1/31/11)	046 S-34 (2.5') (1/31/11)	047 S-43 (4') (2/9/11)	048 S-48 (0.5') (2/17/11)	049 S-59 (4.5') (5/5/11)
Acetone	0.05	100	100	500	1,000	2.2	0.05	U	U	U	U	U	U	
Benzene	0.06	2.9	4.8	44	89	70	0.06	U	U	U	U	U	U	
Cyclohexane	NA	NA	NA	NA	NA	NA	NA	U	U	U	U	U	U	
Ethylbenzene	1	30	41	390	780	NA	1	U	U	U	U	U	U	
Isopropylbenzene	NA	NA	NA	NA	NA	NA	NA	U	U	U	U	U	U	
Methylcyclohexane	NA	NA	NA	NA	NA	NA	NA	U	U	U	U	U	U	
Methylene chloride	0.05	51	100	500	1,000	12	0.05	U	0.0023 J	U	0.0021 J	U	0.0024 J	
Tetrachloroethene	1.3	5.5	19	150	300	2	1.3	U	U	0.0069	0.026	U	0.0029 J	
Toluene	0.7	100	100	500	1,000	36	0.7	U	U	U	0.0012 J	U	U	
Trichloroethene	0.47	10	21	200	400	2	0.47	U	U	U	U	U	U	
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA	U	U	U	U	U	U	
Xylene (mixed)	0.26	100	100	500	1,000	0.26	1.6	U	U	U	0.0042 J	U	U	
Total VOCs								0	0.0023	0.0069	0.0335	U	0.0053	0
Total TICs ⁽¹⁾								32.64	U	U	0.0022	U	U	
Total VOCs and TICs ⁽¹⁾								32.64	0.0023	0.0069	0.0357	U	0.0053	0

Notes

U = Not Detected

A = Exceeds Unrestricted Use SCO

E = Exceeds Industrial Use SCO

(1) Refer to the analytical laboratory report for individual TICs detected and associated flags.

mg/kg = milligrams per kilograms or parts per million (ppm).

Soil cleanup objectives (SCO) are as referenced in 6 NYCRR Part 375-6, Remedial Program Cleanup Objectives, dated December 14, 2006

D = The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

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

NA = Not Available

B = Exceeds Residential Use SCO

F = Exceeds Protection of Ecological Resources SCO

VOC = Volatile Organic Compound

C = Exceeds Restricted Residential Use SCO

G = Exceeds Protection of Groundwater SCO

TIC = Tentatively Identified Compound

D = Exceeds Commercial Use SCO

Table 6

At-Grade and Sub-Grade Demolition Report
300,304-308 Andrews St and 25 Evans St
Rochester, NY

NYSDEC Site #E828144

Summary of Detected SVOCs in mg/kg or ppm

Soil and Fill Samples

Contaminant	CAS Number	A Unrestricted Use	B Residential Use	C Restricted Residential Use	D Restricted Commercial Use	E Restricted Industrial Use	F Protection of Ecological Resources	G Protection of Groundwater	004 S-1 (2') (10/19/10)	017 S-2 (0-6") (11/16/10)	018 S-4 (0-6") (11/16/10)	019 S-5 (2'-3') (11/16/10)	020 S-7 (0-6") (11/17/10)
2-Methylnaphthalene	91-57-6	NA	NA	NA	NA	NA	NA	NA	U	U	U	U	0.19 J
Acenaphthene	83-32-9	20	100	100	500	1,000	20	98	U	U	U	U	0.21 J
Acenaphthylene	208-96-8	100	100	100	500	1,000	NA	107	U	U	U	U	U
Anthracene	120-12-7	100	100	100	500	1,000	NA	1,000	U	0.13 J	U	U	0.35 J
Benz(a)anthracene	56-55-3	1	1	1	5.6	11	NA	1	0.1 J	0.31 J	0.072 J	U	0.98
Benz(a)pyrene	50-32-8	1	1	1	1	1.1	2.6	22	0.088 J	0.22 J	0.055 J	U	0.87
Benzo(b)fluoranthene	205-99-2	1	1	1	5.6	11	NA	1.7	0.14 J	0.32 J	0.083 J	U	1.2 ABC
Benzo(g,h,i)perylene	191-24-2	100	100	100	500	1,000	NA	1,000	0.064 J	0.13 J	U	U	0.55
Benzo(k)fluoranthene	207-08-9	0.8	1	3.9	56	110	NA	1.7	U	0.11 J	U	U	0.39
1,1-Biphenyl	92-52-4	NA	NA	NA	NA	NA	NA	NA	U	U	U	U	U
bis(2-Ethylhexyl)phthalate	117-81-7	NA	NA	NA	NA	NA	NA	NA	U	0.063 J	U	U	U
Carbazole	86-74-8	NA	NA	NA	NA	NA	NA	NA	U	U	U	U	0.22 J
Chrysene	218-01-9	1	1	3.9	56	110	NA	1	0.1 J	0.29 J	0.065 J	U	1.1 ABG
Dibenz(a,h)anthracene	53-70-3	0.33	0.33	0.33	0.56	1.1	NA	1,000	U	U	U	U	0.11 J
Dibenzofuran	132-64-9	NA	NA	NA	NA	NA	NA	NA	U	U	U	U	0.13 J
Fluoranthene	206-44-0	100	100	100	500	1,000	NA	1,000	0.2 J	0.64	0.16 J	U	2.1
Fluorene	86-73-7	30	100	100	500	1,000	30	386	U	U	U	U	0.19 J
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	5.6	11	NA	8.2	0.065 J	0.13 J	U	U	0.5
Naphthalene	91-20-3	12	100	100	500	1,000	NA	12	U	U	U	U	0.44
Phenanthrene	85-01-8	100	100	100	500	1,000	NA	1,000	0.15 J	0.49	0.14 J	U	1.7
Phenol	108-95-2	0.33	100	100	500	1,000	30	0.33	U	U	0.048 J	U	0.049 J
Pyrene	129-00-0	100	100	100	500	1,000	NA	1,000	0.17 J	0.52	0.12 J	U	1.7
Total SVOCs									1,087	3,343	0.743	0	12,979
Total TICs ⁽¹⁾									1.25	1.191	0.11	0.19	3.591
Total SVOCs and TICs (1)									2,337	4,534	0.853	0.19	16.57

Notes

A = Exceeds Unrestricted Use SCO

U = Not Detected

(1) Refer to the analytical

D = The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

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

mg/kg = milligrams per kilograms or parts per million (ppm).

Soil cleanup objectives (SCO) are as referenced in 6 NYCRR Part 375-6, Remedial Program Cleanup Objectives, dated December 14, 2006.

SVOC = Semi-Volatile Organic Compound

TIC = Tentatively Identified Compound

NA = Not Available

B = Exceeds Residential Use SCO

E = Exceeds Industrial Use SCO

C = Exceeds Restricted Residential Use SCO

F = Exceeds Protection of Ecological Resources SCO

D = Exceeds Commercial Use SCO

Table 6

At-Grade and Sub-Grade Demolition Report
300,304-308 Andrews St and 25 Evans St
Rochester, NY

NYSDEC Site #E828144

Summary of Detected SVOCs in mg/kg or ppm

Soil and Fill Samples

Contaminant	CAS Number	A Unrestricted Use	B Residential Use	C Restricted Residential Use	D Restricted Commercial Use	E Restricted Industrial Use	F Protection of Ecological Resources	G Protection of Groundwater	021 S-9 (1') (11/18/10)	029 S-10 (6'-1') (12/6/10)	033 S-11 (3') (1/18/11)	034 S-13 (3') (1/18/11)	035 S-14 (3') (1/18/11)
2-Methylnaphthalene	91-57-6	NA	NA	NA	NA	NA	NA	NA	U	U	U	U	U
Acenaphthene	83-32-9	20	100	100	500	1,000	20	98	U	U	U	U	U
Acenaphthylene	208-96-8	100	100	100	500	1,000	NA	107	0.27 J	U	U	U	U
Anthracene	120-12-7	100	100	100	500	1,000	NA	1,000	0.22 J	0.12 J	U	U	U
Benz(a)anthracene	56-55-3	1	1	1	5.6	11	NA	1	1.5 J	0.31 J	U	0.072 J	U
Benz(a)pyrene	50-32-8	1	1	1	1	1.1	2.6	22	1.8 J	0.25 J	U	0.053 J	U
Benz(b)fluoranthene	205-99-2	1	1	1	5.6	11	NA	1.7	2.3 J	0.32 J	U	0.079 J	U
Benz(g,h,i)perylene	191-24-2	100	100	100	500	1,000	NA	1,000	1.3 J	0.15 J	U	U	U
Benz(k)fluoranthene	207-08-9	0.8	1	3.9	56	110	NA	1.7	0.96	U	U	U	U
1,1-Biphenyl	92-52-4	NA	NA	NA	NA	NA	NA	NA	U	U	U	U	U
bis(2-Ethylhexyl)phthalate	117-81-7	NA	NA	NA	NA	NA	NA	NA	0.085 NJ	U	U	0.065 J	U
Carbazole	86-74-8	NA	NA	NA	NA	NA	NA	NA	0.28 J	U	U	U	U
Chrysene	218-01-9	1	1	3.9	56	110	NA	1	1.8 J	0.29 J	U	0.067 J	U
Dibenz(a,h)anthracene	53-70-3	0.33	0.33	0.33	0.56	1.1	NA	1,000	0.29 J	U	U	U	U
Dibenzofuran	132-64-9	NA	NA	NA	NA	NA	NA	NA	0.054 J	U	U	U	U
Fluoranthene	206-44-0	100	100	100	500	1,000	NA	1,000	3.1 DJ	0.67	U	0.15 J	U
Fluorene	86-73-7	30	100	100	500	1,000	30	386	U	U	U	U	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	5.6	11	NA	8.2	1.2	0.14 J	U	U	U
Naphthalene	91-20-3	12	100	100	500	1,000	NA	12	U	U	U	U	U
Phenanthrene	85-01-8	100	100	100	500	1,000	NA	1,000	1.4 J	0.45	U	0.089 J	U
Phenol	108-95-2	0.33	100	100	500	1,000	30	0.33	0.061 J	U	U	U	0.052 NJ
Pyrene	129-00-0	100	100	100	500	1,000	NA	1,000	2.9 J	0.58	U	0.12 J	U
Total SVOCs									19.42	3.43	0	0.705	0.062
Total TICs ⁽¹⁾									6.55	0.29	0.21	0.86	0.17
Total SVOCs and TICs (1)									25.97	3.72	0.21	1.565	0.222

Notes

A = Exceeds Unrestricted Use SCO

B = Exceeds Residential Use SCO

C = Exceeds Restricted Residential Use SCO

D = Exceeds Commercial Use SCO

U = Not Detected

E = Exceeds Industrial Use SCO

F = Exceeds Protection of Ecological Resources SCO

(1) Refer to the analytical laboratory report for individual TICs detected and associated flags.

D = The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

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

mg/kg = milligrams per kilograms or parts per million (ppm).

Soil cleanup objectives (SCO) are as referenced in 6 NYCRR Part 375-6, Remedial Program Cleanup Objectives, dated December 14, 2006.

SVOC = Semi-Volatile Organic Compound

TIC = Tentatively Identified Compound

NA = Not Available

NJ = The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as potential false positive and/or elevated quantitative value.

At-Grade and Sub-Grade Demolition Report
300,304-308 Andrews St and 25 Evans St
Rochester, NY

NYSDEC Site #E828144

Summary of Detected SVOCs in mg/kg or ppm

Soil and Fill Samples

Contaminant	CAS Number	A Unrestricted Use	B Residential Use	C Restricted Residential Use	D Restricted Commercial Use	E Restricted Industrial Use	F Protection of Ecological Resources	G Protection of Groundwater	036 S-17 (3') (1/18/11)	039 S-24 (2') (1/24/11)	040 S-26 (2') (1/25/11)	041 S-28 (1.5') (1/25/11)	042 S-29 (3.5') (1/25/11)
2-Methylnaphthalene	91-57-6	NA	NA	NA	NA	NA	NA	NA	0.062 J	U J	19 DJ	0.9 J	1.8 J
Acenaphthene	83-32-9	20	100	100	500	1,000	20	98	0.24 J	0.86 J	0.78 J	1.5 J	0.081 J
Acenaphthylene	208-96-8	100	100	100	500	1,000	NA	107	U	0.89 J	U	U	U
Anthracene	120-12-7	100	100	100	500	1,000	NA	1,000	0.31 J	3.6 J	0.98 J	4.7	0.055 J
Benz(a)anthracene	56-55-3	1	1	1	5.6	11	NA	1	0.62	12	2.1	5.7	U
Benzo(a)pyrene	50-32-8	1	1	1	1	1.1	2.6	22	0.44	10	ABCDEF	4.6	U
Benzo(b)fluoranthene	205-99-2	1	1	1	5.6	11	NA	1.7	0.67	13	ABCDEF	6	U
Benzo(g,h,i)perylene	191-24-2	100	100	100	500	1,000	NA	1,000	0.23 J	6.9	2.3	ABCDEF	U
Benzo(k)fluoranthene	207-08-9	0.8	1	3.9	56	110	NA	1.7	0.21 J	4.2 J	0.76 J	2.9	U
1,1-Biphenyl	92-52-4	NA	NA	NA	NA	NA	NA	NA	U	U	1.4 J	U	0.21 J
bis(2-Ethylhexyl)phthalate	117-81-7	NA	NA	NA	NA	NA	NA	NA	U	U	U	U	U
Carbazole	86-74-8	NA	NA	NA	NA	NA	NA	NA	0.23 J	1.8 J	0.47 J	2.7	U
Chrysene	218-01-9	1	1	3.9	56	110	NA	1	0.58	10	ABCDEF	5.2	U
Dibenz(a,h)anthracene	53-70-3	0.33	0.33	0.33	0.56	1.1	NA	1,000	0.066 J	1.8 J	0.27 J	0.61 J	U
Dibenzofuran	132-64-9	NA	NA	NA	NA	NA	NA	NA	0.14 J	0.93 J	0.88 J	1.3 J	0.084 J
Fluoranthene	206-44-0	100	100	100	500	1,000	NA	1,000	1.4	28	5	16	U
Fluorene	86-73-7	30	100	100	500	1,000	30	386	0.22 J	1.3 J	1.6 J	2.1 J	0.17 J
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	5.6	11	NA	8.2	0.26 J	6.6	0.96 J	2.7	U
Naphthalene	91-20-3	12	100	100	500	1,000	NA	12	0.1 J	U	4	1.5 J	0.56
Phenanthrene	85-01-8	100	100	100	500	1,000	NA	1,000	1.2	19	7.4	17	0.37 J
Phenol	108-95-2	0.33	100	100	500	1,000	30	0.33	0.067 J	U	U	U	U
Pyrene	129-00-0	100	100	100	500	1,000	NA	1,000	1.2	22	4.7	12	0.053 J
Total SVOCs									8.245	142.88	57.1	89.41	3.393
Total TICs (1)									1.548	34.72	280.4	35.3	39.204
Total SVOCs and TICs (1)									187.393	177.6	337.5	124.71	42.597

Notes

A = Exceeds Unrestricted Use SCO

B = Exceeds Residential Use SCO

C = Exceeds Restricted Residential Use SCO

D = Exceeds Commercial Use SCO

U = Not Detected

E = Exceeds Industrial Use SCO

F = Exceeds Protection of Ecological Resources SCO

(1) Refer to the analytical laboratory report for individual TICs detected and associated flags.

D = The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

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

mg/kg = milligrams per kilograms or parts per million (ppm).

Soil cleanup objectives (SCO) are as referenced in 6 NYCRR Part 375-6, Remedial Program Cleanup Objectives, dated December 14, 2006.

SVOC = Semi-Volatile Organic Compound

TIC = Tentatively Identified Compound

NA = Not Available

Table 6

At-Grade and Sub-Grade Demolition Report
300,304-308 Andrews St and 25 Evans St
Rochester, NY

NYSDEC Site #E828144

Summary of Detected SVOCs in mg/kg or ppm

Soil and Fill Samples

Contaminant	CAS Number	A Unrestricted Use	B Residential Use	C Restricted Residential Use	D Restricted Commercial Use	E Restricted Industrial Use	F Protection of Ecological Resources	G Protection of Groundwater	043 S-30 (6.5') (1/26/11)	045 S-31 (0.5') (1/31/11)	046 S-34 (2.5') (1/31/11)	047 S-43 (4') (2/9/11)	048 S-48 (0.5') (2/17/11)	049 S-59 (4.5') (5/5/11)
2-Methylnaphthalene	91-57-6	NA	NA	NA	NA	NA	NA	NA	U	U	1 J	U	U	
Acenaphthene	83-32-9	20	100	100	500	1,000	20	98	U	U	3	U	U	
Acenaphthylene	208-96-8	100	100	100	500	1,000	NA	107	0.055 J	U	1.2 J	U	U	
Anthracene	120-12-7	100	100	100	500	1,000	NA	1,000	U	U	9	U	0.05 J	
Benz(a)anthracene	56-55-3	1	1	1	5.6	11	NA	1	U	0.11 J	26 D	0.12 J	0.11 J	
Benz(a)pyrene	50-32-8	1	1	1	1	1.1	2.6	22	U	0.15 J	20 D	0.1 J	0.1 J	
Benz(b)fluoranthene	205-99-2	1	1	1	5.6	11	NA	1.7	U	0.21 J	20 D	0.16 J	0.12 J	
Benz(g,h,i)perylene	191-24-2	100	100	100	500	1,000	NA	1,000	U	0.15 J	28 D	0.086 J	0.059 J	
Benz(k)fluoranthene	207-08-9	0.8	1	3.9	56	110	NA	1.7	U	0.065 J	8.3	0.057 J	0.068 J	
1,1-Biphenyl	92-52-1	NA	NA	NA	NA	NA	NA	NA	U	U	U	U	U	
bis(2-Ethylhexyl)phthalate	117-81-7	NA	NA	NA	NA	NA	NA	NA	U	0.12 J	U	U	U	
Carbazole	86-74-8	NA	NA	NA	NA	NA	NA	NA	U	U	4.4	U	U	
Chrysene	218-01-9	1	1	3.9	56	110	NA	1	U	0.13 J	27 D	0.15 J	0.11 J	
Dibenz(a,h)anthracene	53-70-3	0.33	0.33	0.33	0.56	1.1	NA	1,000	U	U	3.2	U	U	
Dibenzofuran	132-64-9	NA	NA	NA	NA	NA	NA	NA	U	U	1.9 J	U	U	
Fluoranthene	206-44-0	100	100	100	500	1,000	NA	1,000	U	0.17 J	53 D	0.27 J	0.22 J	
Fluorene	86-73-7	30	100	100	500	1,000	30	366	U	0.13 J	3.6	U	U	
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	5.6	11	NA	8.2	U	U	11	0.086 J	0.049 J	
Naphthalene	91-20-3	12	100	100	500	1,000	NA	12	U	U	1.4 J	U	U	
Phenanthrene	85-01-8	100	100	100	500	1,000	NA	1,000	U	0.096 J	49 D	0.14 J	0.16 J	
Phenol	108-95-2	0.33	100	100	500	1,000	30	0.33	0.077 J	U	U	U	U	
Pyrene	129-00-0	100	100	100	500	1,000	NA	1,000	U	0.15 J	48 D	0.28 J	0.18 J	
Total SVOCs									0.077	1,536	311	1,429	1,226	0
Total TICs ⁽¹⁾									U	2.11	123.1	0.25	1,926	
Total SVOCs and TICs (1)									0.077	3,646	434.1	1,679	3,152	0

Notes

A = Exceeds Unrestricted Use SCO

B = Exceeds Residential Use SCO

C = Exceeds Restricted Residential Use SCO

D = Exceeds Commercial Use SCO

U = Not Detected

E = Exceeds Industrial Use SCO

F = Exceeds Protection of Ecological Resources SCO

(1) Refer to the analytical

D = The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

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

mg/kg = milligrams per kilograms or parts per million (ppm).

Soil cleanup objectives (SCO) are as referenced in 6 NYCRR Part 375-6, Remedial Program Cleanup Objectives, dated December 14, 2006.

SVOC = Semi-Volatile Organic Compound

TIC = Tentatively Identified Compound

NA = Not Available

Table 7

At-Grade and Sub-Grade Demolition Report
300,304-308 Andrews St and 25 Evans St
Rochester, NY

NYSDEC Site #E828144

Summary of Detected Metals and Cyanide in mg/kg or ppm

Contaminant	Soil and Fill Samples										020 S-7 (0-6") (11/17/10)	021 S-9 (1") (11/18/10)	029 S-10 (6"-1") (12/6/10)
	A Unrestricted Use	B Residential Use	C Restricted Residential Use	D Restricted Commercial Use	E Restricted Industrial Use	F Protection of Ecological Resources	G Protection of Groundwater	004 S-1 (2") (10/19/10)	017 S-2 (0-6") (11/16/10)	018 S-4 (0-6") (11/16/10)	019 S-5 (2'-3') (11/16/10)		
Aluminum	NA	NA	NA	NA	NA	NA	NA	6210	1830	3340	1610	4040	5780
Antimony	NA	NA	NA	NA	NA	NA	NA	U	U	U	U	0.907 J	U
Arsenic	13	16	16	16	16	13	16	4.74	3.68	1.75	0.923 J	13.8 AF	6.85
Barium	350	350	400	400	10,000	433	820	103	21.3	57	18.6	93.4	244
Beryllium	7.2	14	72	590	2,700	10	47	0.51	0.098 J	0.186 J	0.111 J	0.376	0.439
Cadmium	2.5	2.5	4.3	9.3	60	4	7.5	U	U	0.122 J	U	0.722	0.562
Calcium	NA	NA	NA	NA	NA	NA	NA	12900	25500	53700	23500	48400	15500
Chromium	30	36	180	1,500	6,800	41	NA	10.5	3.28	4.85	3.59	7.94	9.74
Cobalt	NA	NA	NA	NA	NA	NA	NA	4.88	1.99	2.74	1.84	4.47	3.87
Copper	50	270	270	270	10,000	50	1,720	12.7 J	5.42	6.25	3.12	39.7	13.4
Iron	NA	NA	NA	NA	NA	NA	NA	17500 J	5600	7210	5730	16100	12900
Lead	63	400	400	1,000	3,900	63	450	47.8 J	8.6	77.6 AF	1.77	230 AF	48.3
Magnesium	NA	NA	NA	NA	NA	NA	NA	4390	6120	9370	6650	9870	4340
Manganese	1600	2,000	2,000	10,000	10,000	1600	2,000	791 J	199	299	186	326	543
Total Mercury	0.18	0.81	0.81	2.8	5.7	0.18	0.73	0.088	0.089 NJ	0.022 NJ	U NJ	0.092 NJ	0.54 NJ
Nickel	30	140	310	310	10,000	30	130	9.42	4.1	5.33	3.46	11.2	8.57
Potassium	NA	NA	NA	NA	NA	NA	NA	735	376	627	274	686	770
Selenium	3.9	36	180	1,500	6,800	3.9	4	1.68	1.07 J	1.08	0.758 J	2.14	1.45
Silver	2	36	180	1,500	6,800	2	8.3	0.45 J	U	U	U	0.414	0.695
Sodium	NA	NA	NA	NA	NA	NA	NA	350 *J	394 *J	393 *J	402 *J	461 *J	811 *J
Vanadium	NA	NA	NA	NA	NA	NA	NA	19	6.62	9.02	7.5	13.9	15.2
Zinc	109	2200	10,000	10,000	10,000	109	2,480	49.4 J	24.2	47.9	14.9	245 AF	255 AF
Total Cyanide	27	27	27	27	10,000	NA	40	0.089 J	U	U	U	U	U

Notes

U = Not Detected

NA = Not Available

A = Exceeds Unrestricted Use SCO

B = Exceeds Residential Use SCO

C = Exceeds Restricted Residential Use SCO

D = Exceeds Commercial Use SCO

E = Exceeds Industrial Use SCO

F = Exceeds Protection of Ecological Resources SCO

G = Exceeds Protection of Groundwater SCO

mg/kg = milligrams per kilograms or parts per million (ppm).

Soil cleanup objectives (SCO) are as referenced in 6 NYCRR Part 375-6, Remedial Program Cleanup Objectives, dated December 14, 2006.

D = The reported values is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

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

* = For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NJ = The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as potential false positive and/or elevated quantitative value.

Table 7

At-Grade and Sub-Grade Demolition Report
300,304-308 Andrews St and 25 Evans St
Rochester, NY

NYSDEC Site #E828144

Summary of Detected Metals and Cyanide in mg/kg or ppm

Contaminant	Soil and Fill Samples											040 S-26 (2') (1/25/11)	
	A Unrestricted Use	B Residential Use	C Restricted Residential Use	D Restricted Commercial Use	E Restricted Industrial Use	F Protection of Ecological Resources	G Protection of Groundwater	033 S-11 (3') (1/18/11)	034 S-13 (3') (1/18/11)	035 S-14 (3') (1/18/11)	036 S-17 (3') (1/18/11)		039 S-24 (2') (1/24/11)
Aluminum	NA	NA	NA	NA	NA	NA	NA	1290	1210	1620	2320	4580	4240
Antimony	NA	NA	NA	NA	NA	NA	NA	U	U	U	0.636 J	1.12 J	0.619 J
Arsenic	13	16	16	16	16	13	16	1.03	1.15	0.875	1.4	17.5	ABCDEFG 24.1
Barium	350	350	400	400	10,000	433	820	17.7	13.9	18.4	40.7	1020	ABCDFG 477
Beryllium	7.2	14	72	590	2,700	10	47	0.091 J	0.083 J	0.087 J	0.148 J	0.498	ABCDF 0.387
Cadmium	2.5	2.5	4.3	9.3	60	4	7.5	0.068 J	0.072 J	0.077 J	0.224 J	1.78	1.27
Calcium	NA	NA	NA	NA	NA	NA	NA	21000 J	20200 J	22100 J	23600 J	31500	29100
Chromium	30	36	180	1,500	6,800	41	NA	2.22	2.18	2.84	4.63	21.6	12.1
Cobalt	NA	NA	NA	NA	NA	NA	NA	1.39	1.46	1.71	2.72	5.08	4.02
Copper	50	270	270	270	10,000	50	1,720	3.75	4.05	4.56	10.4	109	49.3
Iron	NA	NA	NA	NA	NA	NA	NA	4120 J	4020 J	5100 J	7780 J	15400	AF
Lead	63	400	400	1,000	3,900	63	450	2.47	1.51	1.55	4.22	1030	ABCDFG 1110
Magnesium	NA	NA	NA	NA	NA	NA	NA	4970 J	4480 J	5400 J	5770 J	8470	8260
Manganese	1600	2,000	2,000	10,000	10,000	1600	2,000	144 J	167 J	199 J	307 J	349	316
Total Mercury	0.18	0.81	0.81	2.8	5.7	0.18	0.73	U J	U J	U J	0.028 J	9 D	ABCDEF 0.614 D
Nickel	30	140	310	310	10,000	30	130	2.88	2.84	3.46	6.07	13.6	10.3
Potassium	NA	NA	NA	NA	NA	NA	NA	228	191	222	349	797	618
Selenium	3.9	36	180	1,500	6,800	3.9	4	0.706	0.681 J	0.891	0.61 J	3.75	3.46
Silver	2	36	180	1,500	6,800	2	8.3	U	U	0.184 J	0.248 J	3.04	AF 0.775
Sodium	NA	NA	NA	NA	NA	NA	NA	106 J	157 J	141 J	207 J	397 J	342 J
Vanadium	NA	NA	NA	NA	NA	NA	NA	4.48	4.4	5.75	6.63	13.5	13
Zinc	109	2200	10,000	10,000	10,000	109	2,480	9.91 J	10.9 J	10.5 J	188 J	AF 681 J	AF 636 J
Total Cyanide	27	27	27	27	10,000	NA	40	U	U	U	U J	0.849	0.085 J

Notes

U = Not Detected

A = Exceeds Unrestricted Use SCO

E = Exceeds Industrial Use SCO

mg/kg = milligrams per kilograms or parts per million (ppm).

Soil cleanup objectives (SCO) are as referenced in 6 NYCRR Part 375-6, Remedial Program Cleanup Objectives, dated December 14, 2006.

D = The reported values is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

J = Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than the method detection limit.

The concentration given is an approximate value.

* = For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NJ = The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as potential false positive and/or elevated quantitative value.

NA = Not Available

B = Exceeds Residential Use SCO

F = Exceeds Protection of Ecological Resources SCO

C = Exceeds Restricted Residential Use SCO

G = Exceeds Protection of Groundwater SCO

D = Exceeds Commercial Use SCO

Table 7

At-Grade and Sub-Grade Demolition Report
300,304-308 Andrews St and 25 Evans St
Rochester, NY

NYSDEC Site #E828144

Summary of Detected Metals and Cyanide in mg/kg or ppm

Soil and Fill Samples

Contaminant	A Unrestricted Use	B Residential Use	C Restricted Residential Use	D Restricted Commercial Use	E Restricted Industrial Use	F Protection of Ecological Resources	G Protection of Groundwater	O41 S-28 (1.5') (1/25/11)	O42 S-29 (3.5') (1/25/11)	O43 S-30 (6.5') (1/26/11)	O45 S-31 (0.5') (1/31/11)	O46 S-34 (2.5') (1/31/11)	O47 S-43 (4') (2/9/11)	O48 S-48 (0.5') (2/17/11)	O49 S-59 (4.5') (5/5/11)
Aluminum	NA	NA	NA	NA	NA	NA	NA	5400	5420	4510	3140	2220	3800		
Antimony	NA	NA	NA	NA	NA	NA	NA	2.04 J	U	U	1.55 J	U	U	U	
Arsenic	13	16	16	16	16	13	16	26.8 ABCDEFG	3.79	2.88	4.44	12.3	3.17	3.8	
Barium	350	350	400	400	10,000	433	820	168	51.9	37.3	72.7 J	52 J	46.8 J	31.7	
Beryllium	7.2	14	72	590	2,700	10	47	0.588	0.462	0.324	0.24 J	0.314 J	0.28 J	0.42	
Cadmium	2.5	2.5	4.3	9.3	60	4	7.5	7.86 ABCFG	0.293 J	0.226 J	0.899	1.28	U	U	
Calcium	NA	NA	NA	NA	NA	NA	NA	54400	2090	4060	52200	80300	64300	63800	
Chromium	30	36	180	1,500	6,800	41	NA	26.4	8.42	7.96	5.34	6.15	5.19	7.28	
Cobalt	NA	NA	NA	NA	NA	NA	NA	7.9	5.36	3.84	3.36	2.04	3.1	4.69	
Copper	50	270	270	270	10,000	50	1,720	99 AF	9.16	7.74	24	191 AF	14.6	19.5 J	
Iron	NA	NA	NA	NA	NA	NA	NA	46100	14000	11300	8510	6850	8480	13600	
Lead	63	400	400	1,000	3,900	63	450	293 AF	15.4	21.4	150 AF	181 AF	310 AF	20.4	
Magnesium	NA	NA	NA	NA	NA	NA	NA	14700	1130	2150	14300	12500	15700	27200	
Manganese	1600	2,000	2,000	10,000	10,000	1600	2,000	433	366	208	481	160	302	669	
Total Mercury	0.18	0.81	0.81	2.8	5.7	0.18	0.73	0.355 AF	0.111	0.102	0.095	0.133	0.181 J AF	0.03	
Nickel	30	140	310	310	10,000	30	130	24	8.2	8.24	6.33	7.01	7.03	9.67	
Potassium	NA	NA	NA	NA	NA	NA	NA	925	1210	744	519	281	657	975	
Selenium	3.9	36	180	1,500	6,800	3.9	4	4.47 AFG	1.85	1.79	1.32	2.12	0.74 J	1.98	
Silver	2	36	180	1,500	6,800	2	8.3	1.79	0.455 J	0.464	U	0.313 J	U	U	
Sodium	NA	NA	NA	NA	NA	NA	NA	661 J	546 J	225 J	250 J	230 J	828 J	219 *	
Vanadium	NA	NA	NA	NA	NA	NA	NA	15.5	15.7	11.7	8.12	9.32	9.9	14.7	
Zinc	109	2200	10,000	10,000	10,000	109	2,480	484 J AF	27.9 J	30.4 J	79.5	439 AF	94.9	76.1 J	
Total Cyanide	27	27	27	27	10,000	NA	40	0.566 J	U	U	0.623	U	U	U	

Notes

U = Not Detected

NA = Not Available

A = Exceeds Unrestricted Use SCO

B = Exceeds Residential Use SCO

C = Exceeds Restricted Residential Use SCO

D = Exceeds Commercial Use SCO

E = Exceeds Industrial Use SCO

F = Exceeds Protection of Ecological Resources SCO

G = Exceeds Protection of Groundwater SCO

mg/kg = milligrams per kilograms or parts per million (ppm).

Soil cleanup objectives (SCO) are as referenced in 6 NYCRR Part 375-6, Remedial Program Cleanup Objectives, dated December 14, 2006.

D = The reported values is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

J = Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than the method detection limit.

The concentration given is an approximate value.

* = For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NU = The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as potential false positive and/or elevated quantitative value.

Table 8

At-Grade and Sub-Grade Demolition Report
300,304-308 Andrews St and 25 Evans St
Rochester, NY

NYSDEC Site #E828144

Summary of Detected Pesticides and PCBs in mg/kg or ppm

Soil and Fill Samples

Contaminant	A Unrestricted Use	B Residential Use	C Restricted Residential Use	D Restricted Commercial Use	E Restricted Industrial Use	F Protection of Ecological Resources	G Protection of Groundwater	004 S-1 (2) (10/19/10)	017 S-2 (0-6") (11/16/10)	018 S-4 (0-6") (11/16/10)	019 S-5 (2-3") (11/16/10)	020 S-7 (0-6") (11/17/10)	021 S-9 (1") (11/18/10)	029 S-10 (6"-1") (12/6/10)
Pesticides														
4,4'-DDT	0.0033	1.7	7.9	47	94	0.0033	136	U	U J	U J	U J	U J	U J	U
PCBs ⁽¹⁾	0.1	1	1	1	25	1	3.2	U	U	U	U	U	U	U

Notes

U = Not Detected

A = Exceeds Unrestricted Use SCO

E = Exceeds Industrial Use SCO

P = target analyte had a >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported.
 mg/kg = milligrams per kilograms or parts per million (ppm).

Soil cleanup objectives (SCO) are as referenced in 6 NYCRR Part 375-6, Remedial Program Cleanup Objectives, dated December 14, 2006.

(1) Refer to the analytical laboratory report for individual Aroclors detected and associated flags.

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

NA = Not Available

D = Exceeds Commercial Use SCO

PCBs = Polychlorinated Biphenyls

C = Exceeds Restricted Residential Use SCO

G = Exceeds Protection of Groundwater SCO

Table 8

At-Grade and Sub-Grade Demolition Report
300,304-308 Andrews St and 25 Evans St
Rochester, NY

NYSDEC Site #E828144

Summary of Detected Pesticides and PCBs in mg/kg or ppm

Soil and Fill Samples

Contaminant	A Unrestricted Use	B Residential Use	C Restricted Residential Use	D Restricted Commercial Use	E Restricted Industrial Use	F Protection of Ecological Resources	G Protection of Groundwater	033 S-11 (3') (1/18/11)	034 S-13 (3') (1/18/11)	035 S-14 (3') (1/18/11)	036 S-17 (3') (1/18/11)	039 S-24 (2') (1/24/11)	040 S-26 (2') (1/25/11)	041 S-28 (1.5') (1/25/11)
Pesticides														
4,4'-DDT	0.0033	1.7	7.9	47	94	0.0033	136	U	U	U	U	U	U	U
PCBs ⁽¹⁾	0.1	1	1	1	25	1	3.2	0.0077 J	0.033	U	0.042 P	U	U	U

Notes

U = Not Detected

A = Exceeds Unrestricted Use SCO

E = Exceeds Industrial Use SCO

P = target analyte had a >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported.

mg/kg = milligrams per kilograms or parts per million (ppm).

Soil cleanup objectives (SCO) are as referenced in 6 NYCRR Part 375-6, Remedial Program Cleanup Objectives, dated December 14, 2006.

(1) Refer to the analytical laboratory report for individual Aroclors detected and associated flags.

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

PCBs = Polychlorinated Biphenyls

C = Exceeds Restricted Residential Use SCO

G = Exceeds Protection of Groundwater SCO

NA = Not Available

D = Exceeds Commercial Use SCO

DRAFT

Table 8

At-Grade and Sub-Grade Demolition Report
300,304-308 Andrews St and 25 Evans St
Rochester, NY

NYSDEC Site #E828144

Summary of Detected Pesticides and PCBs in mg/kg or ppm

Soil and Fill Samples

Contaminant	A Unrestricted Use	B Residential Use	C Restricted Residential Use	D Restricted Commercial Use	E Restricted Industrial Use	F Protection of Ecological	G Protection of Groundwater	042 S-29 (3.5') (1/25/11)	043 S-30 (6.5') (1/26/11)	045 S-31 (0.5') (1/31/11)	046 S-34 (2.5') (1/31/11)	047 S-43 (4') (2/9/11)	048 S-48 (0.5') (2/17/11)	049 S-59 (4.5') (5/5/11)
Pesticides														
4,4'-DDT	0.0033	1.7	7.9	47	94	0.0033	136	U	U	0.0098 J	U R	U	U R	
PCBs ⁽¹⁾	0.1	1	1	1	25	1	3.2	U	U	U	U	U	1.8 DJ	ABCDF

Notes

U = Not Detected

A = Exceeds Unrestricted Use SCO**E** = Exceeds Industrial Use SCO

P = target analyte had a >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported.
 mg/kg = milligrams per kilograms or parts per million (ppm).

Soil cleanup objectives (SCO) are as referenced in 6 NYCRR Part 375-6, Remedial Program Cleanup Objectives, dated December 14, 2006.

(1) Refer to the analytical laboratory report for individual Aroclors detected and associated flags.

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

R = The data are unusable. The Analyte may or may not be present.

D = This flag identifies all compounds identified in an analysis at a secondary dilution factor.

PCBs = Polychlorinated Biphenyls

NA = Not Available

C = Exceeds Restricted Residential Use SCO**G** = Exceeds Protection of Groundwater SCO**D** = Exceeds Commercial Use SCO

DRAFT

APPENDIX A
Photograph Log



Bollard and attached footer removed from the 304-308 Andrews Street parcel (10/14/10)



View of staged material "Exclusion Zone" on east side of Site (10/15/10).



Demolition of "brick barn" portion of 304-308 Andrews Street building (10/18/10)

DRAFT



Demolition of eastern portion of 25 Evans Street building (10/19/10).



Three above ground storage tanks removed and staged for off-site disposal (10/22/10).



View looking west of above-grade demolition of 304-308 Andrews Street and 25 Evans Street buildings (10/25/10).

DRAFT



Demolition of the 320 Andrews Street building (11/1/10).

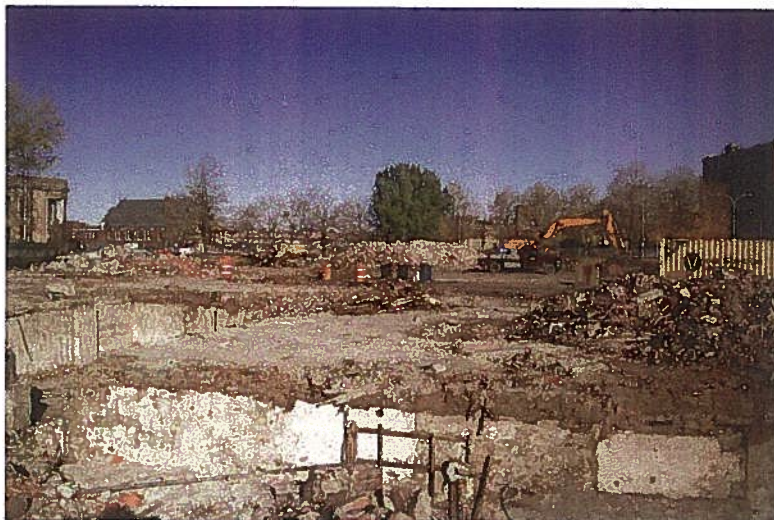


Demolition of the 320 Andrews Street building (11/4/10).



Demolition of the portion of the 300 Andrews Street building that adjoins Bristol Street (11/8/10).

DRAFT



View of above-grade demolition "site clean-up" looking south across Site (11/10/10)



View of decontamination pad located on northern portion of Site (11/15/10).



Western Boundary of IRM Exclusion Zone looking North (11/15/10).



Light shaded sub-grade structures STR-2A and STR-2B in East foundation wall, facing south (11/16/10).



Sub-grade demolition of the basement slab located in the 300 Andrews Street building (11/16/10).



Black fill or material @ sub-grade structures STR-2A and STR-2B after west foundation wall removed, facing south (11/17/10).

DRAFT



Demolition of basement foundation walls 304-308 Andrews Street
(11-17-10)



Removal of building slabs of 300 and 304-308 Andrews Street (11/17/10).



Demolition of 304-308 Andrews Street basement foundation wall
looking toward east (12/6/10).

DRAFT



Test pit excavation at 320 Andrews Street, looking toward east wall (1/18/11)



Demolition of 25 Evans Street Trench Drain looking East (1/24/11)



Preparation for removal of north footer of 25 Evans Street (1/24/11).

DRAFT



Removal of Sump/Well-2 from 25 Evans Street Parcel (1/26/11)



Vehicle service pit at 25 Evans Street facing south (1/31/11).



Excavation following 304-308 Andrews Street footer removal, approximate location of soil sample 046/S-34 (1/31/11)

DRAFT



Removal of 320 Andrews Street Slab, looking east (2/7/11).



Footers and Piers removed from 320 Andrews Street (2/9/11).



Removal of West and North footer of 320 Andrews Street,
looking south (2/10/11).

DRAFT



Removal of east wall of 25 Evans Street Vehicle Service Pit, looking southwest (5/5/11).



25 Evans Street Vehicle Service Pit Drain (i.e., Drain 10) prior to in-place decommissioning, looking west (5/5/11).



25 Evans Street Vehicle Service Pit bottom and 304-308 Andrews Street Slab within yellow dashed polygon, staged on, and covered with 6-millimeter reinforced plastic sheeting, looking east (5/6/11).

DRAFT



Panoramic view of Site, following completion of at-grade and below grade demolition activities, looking west (5/6/11).

DRAFT

APPENDIX B
Demolition Material Disposal Documentation



Construction and Demolition Debris Express Profile

Requested Disposal Facility: High Acres LandfillProfile Number: 107570NY☐ Renewal for Profile Number: _____

Waste Approval Expiration Date: _____

☐ Check here if there are multiple generating locations for this waste. Attach additional locations.**A. Waste Generator Facility Information (must reflect location of waste generation/origin)**1. Generator Name: CITY OF ROCHESTER2. Site Address: 300-320 ANDREWS ST.7. Email Address: AMINSTER@NYE-TECH.COM3. City/ZIP: ROCHESTER, 146048. Phone: 585.436.56609. FAX: 585.436.61394. State: NY

10. NAICS Code: _____

5. County: MONROE

11. Generator USEPA ID #: _____

6. Contact Name/Title: AMY HUDAK / ENV COORDINATOR

12. State ID# (if applicable): _____

B. Customer Information ☐ same as above

P. O. Number: _____

1. Customer Name: NYETECH6. Phone: 585.436.5660FAX: 585.436.61392. Billing Address: PO BOX 243987. Transporter Name: NYETECH3. City, State and ZIP: ROCHESTER, NY, 146248. Transporter ID # (if appl.): 8A-7204. Contact Name: AMY MINSTER9. Transporter Address: 230 MCKEE RD5. Contact Email: AMINSTER@NYE-TECH.COM10. City, State and ZIP: ROCHESTER, NY, 14611**C. Waste Stream Information**

1. DESCRIPTION

a. Common Waste Name: Construction and Demolition DebrisState Waste Code(s): N899

b. Describe Process Generating Waste or Source of Contamination:

Non-contaminated construction and demolition debris from a building, structure, or road. The debris must not be contaminated by a manufacturing process, chemical process or through facility operations. The debris must also exclude lead based paints, liquids, asbestos, fluorescent light bulbs, PCB light ballasts, and PCB containing caulk/glaze.

c. Typical Color(s): Any and alld. Strong Odor? ☐ Yes ☒ No Describe: _____e. Physical State at 70°F: ☒ Solid ☐ Liquid ☐ Powder ☐ Semi-Solid or Sludge ☐ Other: _____f. Layers? ☐ Single layer ☐ Multi-layer ☒ NAg. Water Reactive? ☐ Yes ☒ No If Yes, Describe: _____h. Free Liquid Range (%): _____ to _____ ☒ NA(solid)i. pH Range: _____ to _____ ☒ NA(solid)j. Liquid Flash Point: ☐ < 140°F ☐ 140°- 199°F ☐ ≥ 200°F ☒ NA(solid)k. Flammable Solid: ☐ Yes ☒ Nol. Physical Constituents: List all constituents of waste stream - (e.g. Soil 0-80%, Wood 0-20%): ☐ (See Attached)

Constituents (Total Composition Must be ≥ 100%)	Lower Range	Unit of Measure	Upper Range	Unit of Measure
1. <u>Construction/Demolition Debris</u>	<u>100</u>	<u>%</u>	<u>100</u>	<u>%</u>
2. _____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____
4. _____	_____	_____	_____	_____
5. _____	_____	_____	_____	_____
6. _____	_____	_____	_____	_____

2. ESTIMATED QUANTITY OF WASTE AND SHIPPING INFORMATION

a. ☐ One Time Event ☐ Base ☐ Repeat Eventb. Estimated Annual Quantity: ONE ☐ Tons ☐ Cubic Yards ☐ Drums ☐ Gallons ☐ Other (specify): _____c. Shipping Frequency: ONE TIME Units per ☐ Month ☐ Quarter ☐ Year ☒ One Time ☐ Otherd. Is this a U.S. Department of Transportation (USDOT) Hazardous Material? (If yes, answer e.) ☐ Yes ☒ No

e. USDOT Shipping Description (if applicable): _____

3. SAFETY REQUIREMENTS (Handling, PPE, etc.): Respirator or dust mask as required for dusty materials.



Construction and Demolition Debris Express Profile

107570NY

D. Regulatory Status (Please check appropriate responses)

1. Waste Identification:
- a. Does the waste meet the definition of a USEPA listed or characteristic hazardous waste as defined by 40 CFR Part 261? ☐ Yes ☒ No
1. If yes, please complete a hazardous waste profile.
- b. Does the waste meet the definition of a state hazardous waste other than identified in D.1.a? ☐ Yes ☒ No
1. If yes, please complete a hazardous waste profile.
2. Is this waste included in one or more of categories below (Check all that apply)? If yes, attach supporting documentation. ☐ Yes ☒ No
- ☐ Delisted Hazardous Waste ☐ Excluded Wastes Under 40CFR 261.4
☐ Treated Hazardous Waste Debris ☐ Treated Characteristic Hazardous Waste
3. Is the waste from a Federal (40 CFR 300, Appendix B) or state mandated clean-up? If yes, see instructions. ☐ Yes ☒ No
4. Does the waste represented by this waste profile sheet contain radioactive material? ☐ Yes ☒ No
- a. If yes, is disposal regulated by the Nuclear Regulatory Commission? ☐ Yes ☐ No
- b. If yes, is disposal regulated by a State Agency for radioactive waste/NORM? ☐ Yes ☐ No
5. Does the waste represented by this waste profile sheet contain Polychlorinated Biphenyls (PCBs)? ☐ Yes ☒ No
(If yes, list in Chemical Composition - C.1.1)
- a. If yes, are the PCBs regulated by 40 CFR 761? ☐ Yes ☐ No
- b. If yes, is it remediation waste from a project being performed under the Self-Implementing option provided in 40 CFR 761.61(a)? ☐ Yes ☐ No
- c. If yes, were the PCBs imported into the US? ☐ Yes ☐ No
6. Does the waste contain untreated, regulated medical or infectious waste? ☐ Yes ☒ No
7. Does the waste contain asbestos? ☐ Yes ☒ No
- a. If Yes, ☐ Friable ☐ Non Friable
8. Is this profile for remediation waste from a facility that is a major source of Hazardous Air Pollutants (Site Remediation NESHAP, 40 CFR 63 subpart GGGGG)? ☐ Yes ☒ No
- a. If yes, does the waste contain <500 ppmw VOHAPs at the point of determination? ☐ Yes ☐ No

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

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

1. Information submitted in this profile and all attached documents contain true and accurate descriptions of the waste material;
2. Relevant information within the possession of the Generator regarding known or suspected hazards pertaining to this waste has been disclosed to WM/the Contractor;
3. Analytical data attached pertaining to the profiled waste was derived from testing a representative sample in accordance with 40 CFR 261.20(c) or equivalent rules; and
4. Changes that occur in the character of the waste (i.e. changes in the process or new analytical) will be identified by the Generator and disclosed to WM (and the Contractor if applicable) prior to providing the waste to WM (and the contractor if applicable).
5. Check all that apply:
- ☒ a. Attached analytical pertains to the waste. Identify laboratory & sample ID #'s and parameters tested:
Chemtech B3959-01 # Pages: 1-10
- ☐ b. Only the analysis identified on the attachment pertain to the waste (identify by laboratory & sample ID #'s and parameters tested). Attachment #: _____
- ☐ c. Additional information necessary to characterize the profiled waste has been attached (other than analytical, such as MSDS). Indicate the number of attached pages: _____
- ☒ d. I am an agent signing on behalf of the Generator, and the delegation of authority to me from the Generator for this signature is available upon request.

Certification Signature:  Title: ENVIRONMENTAL COORDINATOR

Company Name: NYETECH Name (Print): AMY HUDAK

Date: 4/4/11

TRANSPORTER #1

338

GENERATOR	NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYR000075572	2. Page 1 of 1	3. Emergency Response Phone 585.436.5660	4. Waste Tracking Number 11-0163	
	5. Generator's Name and Mailing Address CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER NY 14614			Generator's Site Address (if different than mailing address) CITY OF ROCHESTER 300-320 ANDREWS ST ROCHESTER NY 14604			
	Generator's Phone: 585 428 7474						
	6. Transporter 1 Company Name NEW YORK ENVIRONMENTAL TECHNOLOGIES, INC.			U.S. EPA ID Number NYD986983229			
	7. Transporter 2 Company Name			U.S. EPA ID Number			
	8. Designated Facility Name and Site Address HIGH ACRES LANDFILL & RECYCLING CTR 425 PERINTON PARKWAY FAIRPORT NY 14450			U.S. EPA ID Number			
	Facility's Phone: 585 223 6132						
	9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
			No.	Type			
	1. NON RCRA NON DOT SOLIDS, NOS (CONSTRUCTION & DEMOLITION DEBRIS)		001	DT	00015	T	
2.							
3.							
4.							
13. Special Handling Instructions and Additional Information A. 107570NY Job #R4547							
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.							
Generator's/Officer's Printed/Typed Name Dennis Rock			Signature <i>[Signature]</i>		Month Day Year 4 21 11		
TRANSPORTER INT'L	15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit:		Date leaving U.S.:		
	Transporter Signature (for exports only):						
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name Dana K. Nowack		Signature <i>[Signature]</i>		Month Day Year 4 21 11		
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name		Signature		Month Day Year		
17. Discrepancy							
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number:							
17b. Alternate Facility (or Generator)			U.S. EPA ID Number				
Facility's Phone:							
17c. Signature of Alternate Facility (or Generator)					Month Day Year		
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a							
Printed/Typed Name Abrian R. Russell			Signature <i>[Signature]</i>		Month Day Year 4 21 11		

228

GENERATOR	NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYR000075572	2. Page 1 of 1	3. Emergency Response Phone 585.436.5660	4. Waste Tracking Number 11-0175	
	5. Generator's Name and Mailing Address CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER NY 14614			Generator's Site Address (If different than mailing address) CITY OF ROCHESTER 300-320 ANDREWS ST ROCHESTER NY 14604			
	Generator's Phone: 585 428 7474						
	6. Transporter 1 Company Name NEW YORK ENVIRONMENTAL TECHNOLOGIES, INC.			U.S. EPA ID Number NYD988983229			
	7. Transporter 2 Company Name			U.S. EPA ID Number			
	8. Designated Facility Name and Site Address HIGH ACRES LANDFILL & RECYCLING CTR 425 PERINTON PARKWAY FAIRPORT NY 14450			U.S. EPA ID Number			
	Facility's Phone: 585 223.6132						
	9. Waste Shipping Name and Description			10. Containers		11. Total Quantity	12. Unit Wt./Vol.
				No.	Type		
	1. NON RCRA NON DOT SOLIDS, NOS (CONSTRUCTION & DEMOLITION DEBRIS)			001	DT	00015	T
2.							
3.							
4.							
13. Special Handling Instructions and Additional Information A. 107570NY Job #R4547							
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.							
Generator's/Officer's Printed/Typed Name Dennis Peck Signature <i>Dennis Peck</i> Month 4 Day 21 Year 2011							
INT'L	15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
	16. Transporter Acknowledgment of Receipt of Materials						
TRANSPORTER	Transporter 1 Printed/Typed Name Dana R Nowack Signature <i>Dana R Nowack</i> Month 4 Day 21 Year 11						
	Transporter 2 Printed/Typed Name Signature Month Day Year						
DESIGNATED FACILITY	17. Discrepancy						
	17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	17b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number						
	Facility's Phone:						
	17c. Signature of Alternate Facility (or Generator) Month Day Year						
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a							
Printed/Typed Name Sabrina Kozlowski Signature <i>Sabrina Kozlowski</i> Month 4 Day 21 Year 11							



High Acres, LF
425 Perinton Pkwy
Fairport, NY, 14450
Ph: (585) 223-6132

Original
Ticket# 827746

Customer Name NYETECH-107570NY NYETECH
Ticket Date 04/21/2011
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 11-0162
Destination
PO
Profile 107570NY (CONSTRUCTION AND DEMOLITION DEBRIS)
Generator 190-ROCHESTERCTYANDREWS CITY OF ROCHESTER

Carrier NVE NYE TECH
Vehicle# 338
Container
Driver
Check#
Billing # 0005014
Gen EPA ID NOT REQUIRED
Grid CELL 10

Volume

Time

In 04/21/2011 13:25:29 A_Scale_1
Out 04/21/2011 13:49:43 B_Scale_2

Scale

Operator
JFRUTCHE
JFRUTCHE

Gross 41400 lb
Tare 22780 lb
Net 18620 lb
Tons 9.31

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Special Misc-Tons- 100		9.31	Tons				MDN
2 FUEL-Fuel Surcharg 100			%				MDN
3 EVF-P-Standard Env 100			%				MDN

Driver's Signature *Daniel Horvath*

Total Ticket
Total Fees



High Acres LF
425 Perinton Pkwy
Fairport, NY, 14450
Ph: (585) 223-6132

Original
Ticket# 827704

Customer Name NYETECH-107570NY NYETECH
Ticket Date 04/21/2011
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 11-0163
Destination
PO

Carrier NYE NYE TECH
Vehicle# 338
Container
Driver
Check#
Billing # 0005814
Gen EPA ID NOT REQUIRED
Grid CELL 10

Profile 107570NY (CONSTRUCTION AND DEMOLITION DEBRIS)
Generator 190-ROCHESTER/CITY ANDREWS CITY OF ROCHESTER

Time
In 04/21/2011 11:33:10
Out 04/21/2011 11:54:42

Scale
A Scale 1
B Scale 2

Gross 39740 lb
Tare 22860 lb
Net 16880 lb
Tons 8.44

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Special Misc-Tons- 100		8.44	Tons				MON
2 FUEL-Fuel Surcharg 100		%	%				MON
3 EVF-P-Standard Env 100		%	%				MON

Total Fees
Total Ticket

Driver's Signature

David L. Howard



High Acres LF
425 Perinton Pkwy
Fairport, NY, 14450
Ph: (585) 223-6132

Original
Ticket# 827664

Customer Name NYETECH-107570NY NYETECH
Ticket Date 04/21/2011
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code 11-0175
Manifest
Destination
PO
Carrier NVE NYE TECH
Vehicle# 338
Container
Driver
Check#
Billing # 0005614
Gen EPA ID NOT REQUIRED
Grid CELL 10

Profile 107570NY (CONSTRUCTION AND DEMOLITION DEBRIS)
Generator 190-ROCHESTERCTYANDREWS CITY OF ROCHESTER

Time Scale
In 04/21/2011 09:49:40 A_Scale_1
Out 04/21/2011 10:11:44 B_Scale_2
Comments
Inbound Gross 36620 lb
Tare 22560 lb
Net 14060 lb
Tons 7.03

Product	LD%	Qty	UDM	Rate	Fee	Amount	Origin
1 Special Misc-Tons	100	7.03	Tons				MDN
2 FUEL-Fuel Surcharg	100	%	%				MDN
3 EVF-P-Standard Env	100	%	%				MDN

Driver's Signature Dana L. Wood
Total Ticket
Total Fees



EXHIBIT A

SITE: **High Acres Landfill**

PROFILE

107570NY

Billing Customer Information		Job Site Contact Information		Service Location (Generator)	
NYETECH PO Box 24398 Rochester NY 14624 Amy Hudak Phone (585) 436-5660 Fax (585) 436-6139 aminster@nye-tech.com PO Required <input type="checkbox"/> NO		NYETECH PO Box 24398 Rochester NY 14624 Amy Hudak Phone (585) 436-5660 Fax (585) 436-6139 aminster@nye-tech.com PO Number		City of Rochester 300-320 Andrews Street Rochester NY 14604 Amy Hudak Phone (585) 436-5660 Fax (585) 436-6139 aminster@nye-tech.com	
Sales Contacts					
WM Contact: Lynn Fitzsimmons		WM Customer Service Phone: (716) 286-0455		WM Contact Fax: 716 286 0211	
WM Sales Rep: Sue Rossi		Sales Rep ID: 2442			
SERVICE INFORMATION					
Material / Volume:		Construction and demolition debris 30 Ton		Direct Landfill Non Haz	
Disposal Rate 1		per Ton with 5 Ton Minimum Per Load			
Disposal Surcharge		Varies Weekly		Current rate at time of quote is 7.33%	
Environmental Fee		7.50%		Applied to Invoice Total	
Service Agreement Expiration		09/16/12			
PROFILE EXPIRATION DATE					
		Pricing is subject to an annual CPI			
Additional Information:		Waste will be disposed of at High Acres Landfill TECHNICAL SERVICE CENTER 800-843-3604 All profiled wastes must be called into the receiving facility's Scalehouse 24 hours prior to shipping. All loads must have 4 part bill of lading or manifest with approved profile number clearly marked on the High Acres Landfill 585 223 6132 x 236			
THE WORK CONTEMPLATED BY THIS EXHIBIT A IS TO BE DONE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE INDUSTRIAL WASTE & DISPOSAL SERVICES AGREEMENT BETWEEN THE PARTIES DATED: 09.16.09					

COMPANY: Waste Management of NY, LLC

By: _____
Name: Lynn Fitzsimmons
Title: Technical Service Representative04.06.11
Date

COMPANY: NYETECH

By: Amy Hudak
Name: Amy Hudak
Title: Environmental Coordinator04.06.11
Date

DRAFT

APPENDIX C
AST Disposal Documentation

DRAFT

APPENDIX D

Specialty Short Term Discharge Permit ST-171

SPECIALTY SHORT TERM DISCHARGE PERMIT Check # 2374County of Monroe Pure Waters District No. 8575ST-Permit No: ST-171Expires: November 1, 2010

Firm Name

G. FREDERICO WRECKING

Fee: \$125.00

Address

151 BERNICE ST
ROCHESTER, NY 14615

Type of Business or Service

DEMOLITION

I. The above-named applicant is permitted to discharge wastes into the Pure Waters Sewer system or Tributary thereto as applied for by an application dated _____ and verified by the applicant except the Director of Pure Waters requires the following terms and conditions to govern the permitted discharge:

A. _____

B. _____

C. _____

II. The applicant further agrees to:

1. Accept and abide by all provisions of the Sewer Use Law of Monroe County and of all pertinent rules or regulations now in force or shall be adopted in the future.
2. Notify the Director of Pure Waters in writing of any revision to the plant sewer system or any change in industrial wastes discharge to the public sewers as listed in the application. The latter encompasses either (1) an increase or decrease in average daily volume or strength of wastes listed in the application or (2) new wastes that were not listed in the application.
3. Furnish the Director of Pure Waters upon request any additional information related to the installation or use of sewer or drain for which this permit is sought.
4. Operate and maintain any waste pretreatment facilities, as may be required as a condition of the acceptance into the public sewer of the industrial wastes involved, in an efficient manner at all times, and at no expense to the County.
5. Cooperate with the Director of Pure Waters or his representatives in their inspecting, sampling, and study of wastes, or the facilities provided for pretreatment.
6. Notify the Director of Pure Waters immediately of any accident, negligence, breakdown of pretreatment equipment, or other occurrence that occasions discharge to the public sewers of any wastes or process waters not covered by this permit.

Applicant's Name (please print) GARY FREDERICO

Applicant's Signature

Gary FredericoDate 9/17/10Applicant's Title OWNERPhone 244-2244Emergency Contact GW FREDERICOPhone 654-7009

Renewal Approved by:

Michael J. GarlandIssued this 27th day of Sept. 20 10.

Michael J. Garland, P.E.

Director of Environmental Services-Pure Waters
Monroe County

DRAFT

APPENDIX E

Data Usability Summary Report and Analytical Laboratory Reports

DRAFT

APPENDIX F
Daily Site Observation Reports

DRAFT

APPENDIX G
Backfill Documentation



151 Bernice Street
Rochester, NY 14615
(585) 647-1211
(585) 647-6811 fax
(585) 244-2244 cell

September 29, 2010

Mr. Joseph Biondolillo
City of Rochester
Division of Environmental Quality
City Hall, 30 Church Street, Room 300B
Rochester, New York 14614-1290

Re: Backfill Documentation
Andrews St. Site

Dear Mr. Biondolillo,

This following information is provided to document the source of the backfill to be used at 300, 304-308 and 320 Andrews Street and 25 Evans St. (the "Site").

- This information is being provided by Gary Frederico, president of G Frederico Wrecking, Inc. (Frederico). Frederico is the demolition contractor for the Site and has no relationship to the source of the fill except as a customer of the Dolomite Group where the fill will be obtained.
- The only fill to be brought onto the site by Frederico will consist of crushed stone (crusher run #2) obtained from the Dolomite Group's Gates Plant quarry located on Buffalo Road in the Town of Gates, NY (NYSDEC mine ID# 80020).
- Documentation from the Dolomite Group regarding the sieve analysis for the material to be used is attached to this letter. This information documents that the material contains less than 10% by weight material which would pass through a size 80 sieve.

Please contact me if you need any further assistance.

Sincerely,

Karen Frederico
General Manager

THE DOLOMITE GROUP

DOLOMITE PRODUCTS COMPANY, INC
 MANITOU CONSTRUCTION COMPANY, INC
 ROCHESTER ASPHALT MATERIALS
 IROQUOIS ROCK PRODUCTS
 NORTHRUP MATERIALS

**MATERIAL SUBMITTAL**

1150 Penfield Road
 Rochester, N.Y. 14625
 Phone: (585) 381-7010
 Fax : (585) 381-0208

DATE: August 30, 2010
 PAGE: 1 of 1

TO: Gary Frederico
 OF: Frederico Wrecking

PROJECT: Andrews Street - Demo

CRUSHED STONE: Gates Plant

NYSDOT Source #: 4-6R
 Current NYSDOT Test #: 99 AR 55S

This is to certify that the Crushed Stone to be used on the above referenced project will be produced in accordance with the most current New York State Department of Transportation's, "Standard Specifications" and Addenda. All stone properties conform to sections 703.0201, 203, 304, 605 and 620 of the Specification. Specific values are listed below.

PROPERTY	VALUE	SPEC.
Mag. Sulfate Loss	13	18 max.
ASTM C 131 Loss	20	45 max.
Flat and Elongated Pieces - 3:1	1	30 max.
5:1	0	10 max.
Crushed Particles	100	n.a.
Deleterious Materials	0	2 max.

TYPICAL GRADATIONS (All Values are % Passing)						
SIEVE SIZE	CRUSHER RUN #2	CRUSHER RUN #1	#2 STONE	#1 and #2 MIXTURE	WASHED 2 STONE	WASHED 1 STONE
4" (100 mm)						
3" (75)						
2" (50)	100					
1 1/2" (37.5)	93		100		100	
1" (25)	87	100	96	100	96	
1/2" (12.5)	73		15	54	13	100
1/4" (6.3)	54	54	2	6	1	91
#40 (0.425)	13	15				
#200 (0.075)	7	6.7	0.3	0.3	0.3	0.8
Typical Item Numbers	203.____ 304.____		605.0901		623.12 CA 2 ASTM 57	605.1001

**Notes:**

- 1) Proctor Density typically runs at approx 142 +/-2 pcf at 6-8% Moisture.(For Crusher Run products only)

Signed By:

Pasquale (Pat) A. DiLucia

Pasquale (Pat) A. DiLucia - Vice President

CRUSHER RUN TEST RESULTS

(DOT SIEVES)

DATE: 9/27/2010

LOCATION: Gates

AGGREGATE: CR # 2

PILE: Gates

FACE: Stockpile

INSPECTOR: MDT

COARSE

	WT.	% RET.	%PASS
2"			100.0
1 1/2"	1.5	3.9	96.1
1"	5.1	13.3	82.8
1/2"	8.1	20.9	61.9
1/4"	7.6	19.7	42.2
PAN	16.3	42.2	
TOTAL	38.6		

FINE

WET WT.=	1001.7
DRY WT.=	975.9
% MOISTURE=	2.6

WT. BEFORE WASH=	1584.6
WT. AFTER WASH=	1315.0
WT. PASSING #200=	269.6

	WT.	TOTAL WT.	% RET.	% PASS
1/4"				100
1/8"	487.0	474.1	30.7	69.3
#20	601.4	585.5	38.0	31.3
#40	110.7	107.8	7.0	24.3
#80	63.7	62.0	4.0	20.3
#200	43.7	42.5	2.8	17.5
PAN	7.9	270.2	17.5	
TOTAL	1314.4	1542.1		

FINAL GRADATION

SIEVE	%RET.	%PASS	SPEC.	
2"		100.0	100.0	PASS
1 1/2"	3.9	96.1	90-100	
1"	13.3	82.8	74-90	
1/2"	20.9	61.9		
1/4"	19.7	42.2	30 - 65	PASS
1/8"	13.0	29.2		
#20	16.0	13.2		
#40	3.0	10.3	5 - 40	PASS
#80	1.7	8.6		
#200	1.2	7.4	0 - 10	PASS
PAN	7.4			
TOTAL				