PERIODIC REVIEW REPORT AND ANNUAL CERTIFICATION

SITE 7 FOR APRIL 27, 2019 – APRIL 27, 2020
DESTINY USA
SYRACUSE, NEW YORK

NYSDEC BCP SITE #C734135-06-28

Prepared for:
New York State Department of Environmental Conservation
Region 7
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Syracuse, New York 13204-2400

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On behalf of:
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Submitted: May 2020
Project No: 18-00996N-009

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1.0 INTRODUCTION AND DESCRIPTION OF REMEDIAL PROGRAM

1.1 INTRODUCTION

The Periodic Review Report (PRR) and the Annual Certification are required as an element of the remedial program for New York State Department of Environmental Conservation (NYSDEC) Site Number C734135-06-28, (hereinafter referred to as the "Site 7") pursuant to the Brownfield Cleanup Agreement (execution date June 28, 2005; revised on March 28, 2017 via Amendment) under the New York State (NYS) Brownfield Cleanup Program (BCP) administered by NYSDEC. A Certificate of Completion (COC) was signed on December 27, 2017. The COC and Brownfield Project Fact Sheet are attached as Appendix A. This is the second PRR, covering the period April 27, 2019 to April 27, 2020. The preliminary PRR was submitted in May, 2019.

1.1.1 General

Destiny USA Land Company, LLC and Destiny USA Real Estate, LLC (Destiny), as the Remedial Party, have remediated a 22.8-acre property located in Onondaga County, Syracuse, New York to address subsurface soil, groundwater and vapor contamination present within the site boundaries. The location and boundaries of the site subject to this report are provided in Figures 1 and 2.

The Remedial Work Plan for Site 7 was approved by NYSDEC in correspondence dated May 19, 2017. The remedial work included source removal of approximately 4,170 tons of contaminated soil. A Site Management Plan (SMP, November 2017) was prepared to manage the residual material at the site. The SMP was approved by NYSDEC in correspondence dated December 6, 2017. All BCP reports associated with the site can be viewed by contacting the NYSDEC or the public document repository (Robert P. Kinchen Public Library, Syracuse, NY).

1.1.2 Purpose

This report is the second Periodic Review and Annual Certification Report for the Destiny USA Site 7. The Periodic Review and Annual Certification Report have been prepared by JMT of New York, Inc. (JMT), formerly Spectra Engineering, Architecture and Surveying, P.C., on behalf of Destiny. The report was prepared pursuant to Section 6.0 "Reporting Requirements" presented in

the SMP dated November 2017 and addresses the operation and maintenance of the Institutional Controls (ICs) and Engineering Controls (ECs) that are in place for Site 7. Current photos of the ECs are included in Appendix B. As-built drawings were included in the previous PRR. There have been no changes to the controls during the current period.

A Periodic Review Report is also required to be submitted to the Department annually in accordance with BCA regulatory reporting requirements. This certification and periodic review shall be submitted annually (or an alternate period of time that NYSDEC may allow), and will be made by an expert that the NYSDEC finds acceptable. This report and supporting data cover the monitoring period of April 27, 2019 to April 27, 2020. This is the second annual report and annual certification completed for Site 7 since remedy implementation.

Information contained in this report includes the following:

- Identification, assessment and certification of all ECs/ICs required by the remedy for the site;
- Results of the required annual site inspections and severe-condition inspections, if applicable;
- All applicable inspection forms and other records generated for the site during the reporting period in electronic format (Appendix C and D);
- A summary of monitoring data and/or information generated during the reporting period with conclusions (Appendix F).

This periodic site evaluation also assesses the following:

- The compliance of the remedy with the requirements of the site-specific RAWP, ROD or Decision Document;
- The operation and the effectiveness of all treatment units, etc., including identification of any needed repairs or modifications;
- Any new conclusions or observations regarding site contamination based on inspections or data generated by the Monitoring Plan for the media being monitored;

- Recommendations regarding any necessary changes to the remedy and/or Monitoring Plan;
- The overall performance and effectiveness of the remedy; and
- Any observations, conclusions, or recommendations.

Per the SMP; the site owner or remedial party must submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. The EC/IC certification form is attached in Appendix E.

2.0 GENERAL SITE DESCRIPTION

The site is located in the County of Onondaga, New York and consists of three parcels on Block 02 and Lots 01.0, 08.1, 07.0 on the City of Syracuse 2016 Tax Map #s 116.00-02-01.0, 116.00-02-08.1, and 116.00-02-07.0. In addition to these parcels, real property (not provided a Tax Map #) located on part of the street known as Old Hiawatha Boulevard in the City of Syracuse is also included as a portion of the Site. The site is situated on an approximately 22.843-acre area bounded by Hiawatha Boulevard West to the northwest, Solar Street to the southwest, Interstate-81 to the northeast, and parcel 116.00-02-04.3 before reaching Bear Street to the southeast (see Figures 1 and 2). Land uses surrounding the Destiny site consists generally of business districts and mixed residential property to the north and east. Vacant land abuts the property to the south-southeast. The Onondaga County Metropolitan Sewage Treatment Plant is located across the Barge Canal to the south-southwest.

3.0 DESCRIPTION OF SELECTED REMEDY

The site was remediated in accordance with the remedy selected by the NYSDEC in §4.2 of the RWP dated August 2016 (Revised November 2016, December 2016, and April 2017). The selected remedy for the site was Alternative 2 – In-Situ Treatment of the Areas of Concern, installation of a Subslab Vapor Control System (SVCS) beneath the hotel footprint, and implementation of a site cover system.

The following are the components of the selected remedy:

1. Excavation and removal of soil/fill exceeding SCOs listed in Table 1 and 100 parts per million (ppm) as detected with a Photoionization Detector (PID) in areas of ground disturbance related to construction activities, as approved by NYSDEC;

2. Construction and maintenance of a soil cover system across the Site consisting of either paved surface parking lots, concrete walkways/foundation, or a soil demarcation layer at one foot below ground surface topped with approved soil to prevent human exposure to remaining contaminated soil/fill remaining at the Site;

3. The existing drainage swales will remain fenced-in until the owner provides a plan for a change or alternate use. Any modifications to the existing swales must be approved in advance by the NYSDEC;

4. In-Situ Chemical Oxidation (ISCO) treatment in the defined areas of concern (AOCs) with subsurface injections of Provect-Ox® and a goal of achieving a reduction in contaminant (VOCs/SVOCs) concentrations as measured in associated groundwater observation wells;

5. Installation of a Subslab Vapor Control System (SVCS) below the hotel footprint as an Engineering Control (EC) to mitigate the potential exposure to subsurface vapors;

6. Execution and recording of an Environmental Easement as an Institutional Control (IC) to restrict land use and prevent future potential exposure to any contamination remaining at the Site. This includes a restriction prohibiting use of groundwater as follows:

   "The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Onondaga County Department of Health to render it safe for use as drinking water or for industrial purposes."

7. Development and implementation of a Site Management Plan (SMP) for long-term management of remaining contamination as required by the Environmental Easement,

which includes plans for: (1) Institutional and Engineering Controls, (2) monitoring, (3) operation and maintenance and (4) reporting;

8. Periodic certification of the institutional and engineering controls listed above.

The selected remedy was chosen because it met the criteria established in the BCP program, including the protection of public health and the environment (including groundwater, drinking water, surface water, air, indoor air and sensitive populations) and was consistent with remedies approved and implemented at other NYSDEC-approved BCP sites with similar contamination and site use. The selected remedy includes both institutional and engineering controls, which are described below. The selected remedy is appropriately protective to allow the site to be used for commercial or industrial purposes.

3.1 ENGINEERING CONTROLS

Since remaining contaminated soil, groundwater, and soil vapor exists beneath the site, Engineering Controls are required to protect human health and the environment. The site has the following primary Engineering Controls, as described in the subsections below.

3.1.1 Soil Cover and Cap Systems

Exposure to remaining contamination in soil/fill at the site is prevented by a soil cover system or capping system placed over the site. This cover system is comprised of a minimum of 12 inches of clean soil, asphalt pavement, concrete-covered sidewalks, and concrete building slabs. The location and physical details of each system at the site is described below.

Typical Soil Cover

Per §4.1 (f) of DER-10 guidance, 12 inches of soil is required to cover the site where the exposed surface soil exceeds commercial land-use SCOs for protection of human health. In addition to 12 inches of soil, a demarcation layer located between the approved imported topsoil, meeting at least

commercial land-use SCOs, and the pre-existing soil was applied. Typical soil cover is used in all landscaped areas of the site.

Typical Asphalt Cover

The typical asphalt cover is comprised of approximately 18 inches of crusher run gravel over pre-existing soil, followed by a two to four-inch-thick asphalt cap. Most of the site is covered by asphalt pavement serving as roads or parking lots.

Typical Concrete Cover

In addition to landscaped and asphalt paved areas, a small portion of the site is equipped with concrete walkways. Like the typical asphalt cover, up to 18 inches of crusher run gravel was placed over pre-existing soil, followed by approximately six inches of concrete. Sidewalks exist primarily around the hotel footprint and along Old Hiawatha Boulevard up to the intersection of Solar Street and West Hiawatha Boulevard.

Concrete Slab Cover

The floor of the hotel is a concrete slab which overlays the SVCS. The slab serves as a cover and cap system across the footprint of the primary excavation. Procedures for monitoring, operating and maintaining the site cover system are provided in the Operation and Maintenance Plan in Section 4 of the SMP.

3.1.2 Subslab Vapor Control System

The objective of the SVCS is to prevent potentially contaminated vapors from entering any occupied space within the hotel by diffusion from below the building. The SVCS consists of a system designed to prevent movement of vapor between the soil below the building and the occupied space within the building. It features two layers of impermeable membrane with a pressurized air gap between the layers, underneath a continuous concrete floor. The combination provides both a solid physical barrier to vapor movement, and a pressure gradient that inhibits vapor diffusion across the air gap. Vapor molecules move to areas of lower pressure by diffusion through the action of a pressure gradient. The SVCS incorporates an air gap between impermeable layers under the concrete floor slab. The air gap is maintained under positive pressure (above

atmospheric pressure) by regenerative blowers. Performance testing and certification demonstrated that the blowers maintain the required positive pressure. The pumps are monitored and maintained year-round. Potential subsurface contaminant vapors cannot diffuse across a high-pressure zone from a source having a lower pressure.

The vapor barrier is integrated into the building floor and foundation system. This includes an elastomeric membrane (Carlisle Barricoat) sprayed onto a non-woven fabric placed over the soil surface below the building footprint. Above the Barricoat layer, a layer Mirafi G100N (a dimpled HDPE, 0.4-inches thick) provides the empty air gap. Above the Mirafi, a second impermeable membrane consisting of 10-mil thick Raven VaporBlock with tape-sealed seams, encloses the pressurized gap. Finally, a 9-inch concrete floor was poured over the vapor barrier. Construction details are presented in the SMP along with design drawings attached to this report (Appendix B).

The Mirafi G100N establishes an air gap between the spray-on non-woven fabric and the plastic sheet membrane. The air in this gap is maintained under positive pressure supplied by regenerative blowers connected to a control manifold and a network of a flexible (PEX) pipe. The higher air pressure maintained between the subsurface soil and the building's occupied space prevents diffusion of subsurface vapor into the occupied space within the building. These features are shown on the project plans, included in Appendix L of the Final Engineering Report (FER, December 2017).

The SVCS is divided into two separately controlled areas (Area A and Area B), each having a dedicated air supply manifold and blower. Area A has 5 parallel pressure zones, and is equipped with a 5 horsepower Rotron 757 regenerative blower. Area B has six parallel pressure zones, and is equipped with a 5 horsepower Rotron 656 blower. Both are connected to the building electrical power system, on an emergency backup power circuit.

System commissioning testing was conducted in August and September, 2017. Results were included in the FER. Procedures for monitoring, operating and maintaining the system are provided in the Operation and Maintenance Plan in Section 4 of the SMP.

3.1.3 Indoor Air Monitoring

To confirm proper functioning of the SVCS engineering control system, an indoor air monitoring program was conducted. The indoor air sampling plan was submitted to NYSDEC and NYSDOH,

and an approval letter from NYSDEC was received on August 10, 2017. In accordance with the approved plan, indoor air sampling on the first level of the facility has been conducted twice, once during the cooling season and once during the heating season. The cooling season air sampling event was conducted overnight from August 31 to September 1, 2017. The results of the cooling season indoor air monitoring effort were submitted as a report to NYSDEC and NYSDOH on October 1, 2017, for review, and resubmitted in December 2017 with revisions addressing agency comments. A letter was received from NYSDEC on January 2, 2018, finding that the report was satisfactory. The heating season sampling event took place on March 17, 2019. A report of the heating season indoor air sampling effort was submitted to NYSDEC and NYSDOH on April 19, 2019. The results of the sampling were summarized in the previous PRR. In correspondence from dated June 12, 2019, the Department acknowledged the results if the second round of indoor air sampling and indicated that no further action is required other than continued operation of the EC/ICs to ensure protection of building occupants from exposure to soil vapor.

3.1.4 In-Situ Chemical Oxidation

Selection of in-situ chemical oxidation (ISCO) as preferred remedy for residual soil and groundwater contamination, and the monitoring program to document progress of remediation, were presented in the Remedial Work Plan (RWP, August 2016, last revision April 2017). The RWP was approved by DEC in correspondence dated May 19, 2017. A full discussion of the completed ISCO process was presented in the FER.

The selected ISCO methodology utilized a solution of activated persulfate as the oxidizer. Activated persulfate is a solution that oxidizes petroleum hydrocarbons (VOCs and SVOCs) in both saturated soil and groundwater. The product produces a controlled release of oxygen for up to 12 months after injection into the contaminated subsurface. JMT oversaw the injection of the ISCO solution, performed by NYEG Drilling, LLC. NYEG used a Geoprobe direct push drill rig set up for injection services. The ISCO product was combined with water in totes to make an injectable solution. The Geoprobe tooling was installed to a depth determined based on contaminant levels identified in the remedial investigation and sampling. Once at its target depth, the solution was pressure pumped out of the tote and through the Geoprobe tooling into the contamination zone. The solution was injected at 2-foot intervals at depths ranging from 4-12 feet below ground surface. The process continued until the solution was injected over the desired

vertical extent of each injection point. Approximately 110 injection points were completed within three areas of concern.

Baseline sampling of five monitoring wells surrounding the area of concern (AOC) was conducted prior to the ISCO injection, in May 2017. ISCO injections began immediately following the baseline sampling and continued over the following two weeks. Post-injection sampling was conducted in August and October 2017. After the second post-injection sampling event, quarterly groundwater monitoring was conducted during the 2018 calendar year. Quarterly sampling reports were submitted to NYSDEC for sampling events conducted on March 29, 2018; June 26, 2018; September 28, 2018 and December 19, 2018.

Results of groundwater sampling over the course of the remedial activity and post remedial monitoring were summarized in the previous PRR. In light of the continuing decline in contaminant concentrations, the absence of groundwater uses in the area, and institutional controls (environmental easement) that are in place for the site, NYSDEC eliminated some of the constituents on the monitoring analyte list. Groundwater monitoring results are discussed in Section 4.3 of this report.

3.2 INSTITUTIONAL CONTROLS

The selected remedy also includes institutional controls for Site 7. The institutional controls provide the necessary non-physical protections and provide notice to properly limit potential human or environmental exposure to contaminants.

The institutional controls for the site include establishment of an environmental easement that requires:

a. Compliance by the Grantor and the Grantor's successors and assigns with all elements of the NYSDEC-approved Site Management Plan/Operation, Maintenance and Monitoring Plan (which outlines the required activities, such as, inspection, monitoring, certification, operation, maintenance and repair);

b. An impervious cap covering the soils beneath the site as illustrated on the As Built Engineering Design Plans, must be inspected, certified and maintained as required in the NYSDEC-approved Site Management Plan;

c. A soil vapor mitigation system (consisting of a vapor barrier under the building structure and a vapor control system, as illustrated on the As-Built Drawings) must be inspected, monitored, certified, operated and maintained as required in the NYSDEC-approved Site Management Plan;

d. Prohibition of groundwater use for potable or non-potable uses is prohibited on the site without first undergoing a NYSDEC and/or NYSDOH approved treatment;

e. That all proposed ground-intrusive activities on the site be conducted in accordance with the NYSDEC-approved Site Management Plan; and

f. A prohibition on any vegetable gardens on the surface of the site as per Part 375-1.8(g)(2)(ii).

The environmental easement for the site was executed by the Department on June 7, 2017 and filed with the Onondaga County Clerk on June 21, 2017. An Amendment to the Environmental Easement was submitted on August 7, 2017, accepted on August 16, 2017, and recorded on August 25, 2017. The County Recording Identifier number for this filing is 0250361300009. Institutional Controls identified in the Environmental Easement may not be discontinued without an amendment to or extinguishment of the Environmental Easement.

Site restrictions that apply to the Site 7 are:

- The property may not be used for a higher level of use, such as restricted residential, without additional remediation and amendment of the Environmental Easement, as approved by the NYSDEC;
- Ensure appropriate future use and that future property owners are aware of the existing conditions on the site;
- All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;
- Include required notifications prior to commencement of any ground-intrusive activities that may encounter contaminated materials. Notification of NYSDEC and any on-site workers will be required prior to excavating soil;

- The use of the groundwater underlying the property is prohibited without treatment rendering it safe for intended use;
- Include notice of and information relating to a soil management plan, identifying requirements in the event of excavation, which will be included as part of the operations and maintenance monitoring plan (OM&M).

4.0 SUMMARY OF COMPLETED 2019-2020 SITE ACTIVITIES AND MONITORING

4.1 SITE INSPECTIONS AND SEVERE CONDITION INSPECTIONS

Routine inspections of all remedial components installed at the site have been occurring in accordance with the SMP since construction was completed. During routine inspections, the gauge readings for each air supply zone and overall manifold flow rate are recorded.

The engineer of record inspected the engineering controls on April 30, 2020. Vapor control system components inspected include the following:

- regenerative blowers,
- pressure gauges,
- flow meters,
- zone valves, and
- manifold piping.

All equipment was in order and functioning properly. The site cover and cap are intact. No conditions were observed that require corrective measures.

Monitoring logs kept for the SVCS during this reporting period are attached as Appendix C. Inspection forms and other records for the soil cover and cap are attached as Appendix D.

4.2 COMPLETED SITE MAINTENANCE ACTIVITIES AND SYSTEM MODIFICATIONS

The regenerative blower units (pumps) are equipped with sealed bearings that require no maintenance. The pump air filters have been cleaned monthly. The pumps have operated normally during the current PRR period.

Landscaping activity occurred during the reporting period that affected the site soil cover and cap. These short-term activities that exposed site soils beneath landscaping, sidewalks or asphalt paved areas were reported to NYSDEC. Documentation is provided in Appendix D. Restoration of disturbed areas was completed in accordance with the SMP.

No other modifications were made to the engineering control system.

4.3 SUMMARY OF SITE MONITORING DATA 2019 THROUGH 2020

4.3.1 Indoor Air Monitoring

Two indoor air sampling events, one in September 2017 and the other in March 2019, collecting data from 15 sampling locations, have been completed to date. The sampling was performed in accordance with the New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006. The sampling methods and results were fully described in reports submitted to NYSDEC and NYSDOH in December 2018 and April 2019, respectively, as required by the Site Management Plan. The second-round indoor air quality report (April 2019) containing tabulated results and laboratory reports for the March 2019 monitoring event was submitted with the Periodic Review Report for the previous period.

The Department issued a letter to the owner on June 12, 2019 indicating that no further monitoring is necessary.

4.3.2 Groundwater Monitoring

Baseline sampling of the five monitoring wells surrounding the AOC and subsequent remedial injections were conducted in May 2017. Post-injection sampling was conducted in August and October 2017. Quarterly sampling began in the first quarter of the 2018 calendar year. Sampling events were conducted on March 29, 2018; June 26, 2018; September 28, 2018 and December 19, 2018. The five (5) monitoring wells were sampled using low-flow sampling techniques. Water was purged from each well using a peristaltic pump until water quality parameter stabilization. All groundwater samples were collected and analyzed for VOCs, SVOCs, and Metals.

Due to the continuing decline in contaminant concentrations in the quarterly groundwater monitoring results through December 2018, the absence of groundwater uses in the area, and institutional controls (environmental easement) that are in place for the site, the Department eliminated monitoring of SVOCs and metals (letter to owner on March 7, 2019). Groundwater sampling was conducted in December 2019. The results were reported to the Department on January 31, 2020. A copy of the report is included as Appendix F.

Observations

The monitoring results showed continuing declines in VOC levels compared to the pre-injection concentrations. Total VOCs measured during the December 2019 monitoring event were well below the baseline concentrations with the exception of SP-MW-41. In comparison to the baseline totals, VOCs have decreased by 73% in MW-43, 99% in MW-45, 99% in MW-46, and 83% in MW-47. Well MW-41 had by far the lowest initial VOC concentrations and there have been slight inconsistent fluctuations in concentrations since injections.

5.0 Identification, assessment, and certification of all ECs/ICs

5.1 REMEDY COMPLIANCE

Compliance is established by application of the engineering and institutional controls described in the Site Management Plan. The engineering controls must be inspected, monitored, certified, operated and maintained. Institutional controls put restrictions on certain current site activities and future site use and management.

5.1.1 Engineering Controls

Engineering controls to prevent exposure to residual soil vapor contamination consists of two layers of impermeable membrane with a pressurized air gap between the layers, underneath a continuous concrete floor. The combination provides both a solid physical barrier to vapor movement, and a pressure gradient that inhibits diffusion. The air gap is maintained under positive pressure (above atmospheric pressure) by regenerative blowers. The pressure and flow in the SVCS system manifolds have been monitored in accordance with schedule the SMP. The monitoring logs are presented in Appendix C. The monitoring records indicate that proper pressure and flow were maintained during this reporting period.

There are no operational or maintenance activities associated with the impermeable membranes or the air gap. Maintenance of the two regenerative blowers are performed at the manufacturer's recommended intervals, in accordance with the SMP. No pump maintenance was required during the reporting period. The pump air filters have been cleaned monthly. A replacement pump was installed on Manifold B due to failure of the original pump in March 2018. A replacement pump was installed on Manifold A due to failure of the original pump in July 2018. There have been no service issues with the pumps during the current reporting period.

Site soil cover and cap monitoring has been conducted monthly in accordance with the SMP. Monitoring logs are provided in Appendix D. Areas where landscaping activity took place have been restored in accordance with the SMP. The soil cover and cap are providing protection as contemplated by the remedial design.

5.1.2 Institutional Controls

The environmental easement provisions which have been proposed have been implemented as follows:

- The current owner is implementing all elements of the Site Management Plan/Operation, Maintenance and Monitoring Plan;
- The vapor control system has been constructed in accordance with engineering specifications and is being operated, monitored, maintained, in accordance with the Site Management Plan;
- Groundwater is not being used for potable or non-potable uses at the site;
- Ground-intrusive activities on the site have been conducted in accordance with the Site Management Plan. Notifications were made to NYSDEC and on-site workers prior to commencement of these activities;
- There are no vegetable gardens on the surface of the site;
- The use of the property, as a hotel, has not changed; and
- The property remains under the control of the owner of record, therefore restrictions on future use by future owners are not applicable for this reporting period.

5.2 SYSTEM EFFECTIVENESS

Indoor air quality sampling demonstrated that the SVCS is effectively preventing vapor intrusion into the occupied space, indicating that the vapor control system is functioning as intended.

5.3 OBSERVATIONS AND CONCLUSION

The vapor control system has operated reliably over the course of this reporting period. Monitoring and maintenance of the pumps provides assurance that the system is operating effectively. Vapors potentially originating below the building are not entering the occupied space. As of this report date, the vapor control system is fully operational. Future reports will be prepared as required by regulation and/or agreement.

5.4 RECOMMENDATIONS

The operation, maintenance and monitoring routines for the vapor control system and soil cover and cap should be continued unchanged. Any future interior renovations or improvements that could potentially compromise the integrity of the vapor barrier, or site work that disturbs soil cover and cap should be conducted in accordance with the SMP.

5.5 REMEDY EFFECTIVENESS

The performance and effectiveness of the remedy is consistent with the objectives of the remedial work plans, the record of decision, and the provisions of the Site Management Plan. The engineering and institutional controls have provided adequate protection of public health during this reporting period. No additional modification of the controls, including the operation, maintenance, inspection and monitoring procedures currently in place, are needed at this time to provide continued future protection of public health.

6.0 ANNUAL CERTIFICATION

The Institutional and Engineering Control Certification Form has been completed, signed and sealed, and is located in Appendix E.

FIGURES

SITE 7

LEGEND

SITE 7/ ENVIRONMENTAL EASEMENT BOUNDARY

NO.	DATE	RECORD OF WORK	DRN	CKD
1	5/21/16	Update title block	JCK	PA

PROJECT	
PROJ. MGR:	PA
PROJ. NO.:	18-00996
PREPARED BY:	JCK
DRAFTED BY:	JCK
CHECKED BY:	
APPROVED BY:	PA
DATUM:	
CONTOUR INTERVAL =	FEET

0 NTS

SITE 7

Project Site Map

EMBASSY SUITES

CITY OF SYRACUSE ONONDAGA CO., NY

JMT
19 British American Blvd.,Latham, New York 12110
P: (518) 782-0882 F: (518) 782-0973 www.jmt.com

DATE: 6/7/16 | SCALE:NOT TO SCALE | DWG. NO. 18-00996 | FIGURE: 1

LEGEND

SITE 7/ENVIRONMENTAL EASEMENT BOUNDARY

TAX PARCEL BOUNDARY

NO.	DATE	RECORD OF WORK	DRN	CKD
1	5/21/16	Update title block	JCK	PA

PROJECT	
PROJ. MGR:	PA
PROJ. NO.:	18-00996
PREPARED BY:	JCK
DRAFTED BY:	JCK
CHECKED BY:	
APPROVED BY:	PA
DATUM:	
CONTOUR INTERVAL =	FEET

0 75 150 300

1"=150'

SITE 7

Finer Scale Site Map

EMBASSY SUITES

CITY OF SYRACUSE ONONDAGA CO., NY

19 British American Blvd.,Latham, New York 12110
P: (518) 782-0882 F: (518) 782-0973 www.jmt.com

DATE:	SCALE:	DWG. NO.	FIGURE:
9/22/17	1"=150'	15209J	2

APPENDIX A

FACT SHEET AND CERTIFICATE OF COMPLETIONS

NEW YORK STATE | Department of Environmental Conservation

January 2017

FACT SHEET

Brownfield Cleanup Program

Receive Site Fact Sheets by *Email.* See "For More Information" to Learn How.

Site Name: Oil City/Carousel Center - Site 7
DEC Site #: C734135
Address: 311-71 Hiawatha Blvd. West
Syracuse, NY 13204

Have questions? See "Who to Contact" Below

NYSDEC Certifies Cleanup Requirements Achieved at Brownfield Site

The New York State Department of Environmental Conservation (NYSDEC) has determined that the cleanup requirements to address contamination related to the Oil City/Carousel Center - Site 7 site ("site") located at 311-71 Hiawatha Blvd. West, Syracuse, Onondaga County under New York State's Brownfield Cleanup Program have been or will be met. Please see the map for the site location.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's website at:

http://www.dec.ny.gov/cfmx/extapps/derexternal/haz/details.cfm?pageid=3&progno=C734135

The cleanup activities were performed by Destiny USA Land Company, LLC and Destiny USA Real Estate, LLC with oversight provided by NYSDEC. NYSDEC has approved a Final Engineering Report and issued a Certificate of Completion for the site. Copies of the Final Engineering Report and Notice of the Certificate of Completion are available at the location(s) identified below under "Where to Find Information."

Completion of Project

- A site cover was placed to allow for commercial use of the site. The site cover consists of either paved surface parking lots, drainage structures, concrete building slabs/walkways, and/or a one foot layer of clean fill meeting commercial use soil cleanup objectives (SCOs). In locations where the top one foot of soil didn't meet commercial SCOs, one foot of clean fill was placed over a demarcation layer.

- In-situ (in-place) treatment, by chemical oxidation (ISCO) was implemented to treat petroleum contamination in soil and groundwater in three Areas of Concern located on the northwestern side of the site (see Figure 2). Monitoring of the effectiveness of this treatment is ongoing.

- A Soil Vapor Mitigation System (SVMS) was installed below the hotel footprint to prevent the migration of vapors into the building from soil and groundwater.

- An environmental easement was placed on the property and a site management plan will be implemented which identifies all use restrictions and engineering controls for the site including provisions for a soil vapor intrusion evaluation for any future buildings developed on the site.

Final Engineering Report Approved

NYSDEC has approved the Final Engineering Report, which:

1) Describes the cleanup activities completed.

2) Certifies that cleanup requirements have been or will be achieved for the site.

3) Describes any institutional/engineering controls to be used. An *institutional control* is a non-physical restriction on use of the site, such as a deed restriction, when contamination left over after the cleanup action makes the site suitable for some, but not all uses. An *engineering control* is a physical barrier or method to manage contamination such as a cap or vapor barrier.

4) Certifies that a site management plan for any engineering controls used at the site has been approved by NYSDEC.

The following institutional controls have been or will be put in place on the site:

- Environmental Easement
- Site Management Plan
- Institutional Control/Engineering Control Plan
- Operation and Maintenance Plan
- Groundwater Use Restriction
- Land Use Restriction

The following engineering controls have been put in place on the site:

- Soil Cover
- Vapor Mitigation

Next Steps

With its receipt of a Certificate of Completion, the applicant is eligible to redevelop the site. In addition, the applicant:

- has no liability to the State for contamination at or coming from the site, subject to certain conditions; and
- is eligible for tax credits to offset the costs of performing cleanup activities and for redevelopment of the site.

A Certificate of Completion may be modified or revoked if, for example, there is a failure to comply with the terms of the order or agreement with NYSDEC

Site Description

The Oil City/Carousel Center Site 7 is located in an urban area of Onondaga County at 311-71 West Hiawatha Boulevard in the City of Syracuse in the northeastern portion of the lands generally referred to as “Oil City”, south of Hiawatha Boulevard. Site 7 is within the overall boundaries of the Destiny Brownfield Cleanup Program (BCP) Project Area and is bounded to the northwest by Hiawatha Blvd, to the northeast by RT 81, to the southeast by Destiny USA BCP Site 9 (C734137), and to the west by Solar Street. A site location map and site plan are attached as Figures 1 and 2.

The site consists of approximately 890,000 square-feet of paved auxiliary parking lots for the Destiny USA mall and a 45,000 square-foot hotel constructed in 2016-2017 on the SUN-1 parcel (see Figure 3). The site also contains one fenced-in stormwater drainage swale.

The site is zoned Class B industrial use by the City of Syracuse, which allows for most commercial uses. Land uses surrounding the site include a mix of commercial and retail with the Destiny USA mall complex located across Hiawatha Blvd to the west. The nearest residential area is adjacent to RT 81 to the north.

Brownfield Cleanup Program: New York's Brownfield Cleanup Program (BCP) encourages the voluntary cleanup of contaminated properties known as "brownfields" so that they can be reused and redeveloped. These uses include recreation, housing, business or other uses.

A brownfield site is any real property where a contaminant is present at levels exceeding the soil cleanup objectives or other health-based or environmental standards, criteria or guidance adopted by DEC that are applicable based on the reasonably anticipated use of the property, in accordance with applicable regulations.

For more information about the BCP, visit: http://www.dec.ny.gov/chemical/8450.html

FOR MORE INFORMATION

Where to Find Information

Project documents are available at the following locations to help the public stay informed.

Robert P. Kinchen Central Library
The Galleries of Syracuse
Syracuse, NY 13204-2494
phone: 315-435-1900
(reference@onlib.org)

NYSDEC Region 7
Attn: Karen Cahill
615 Erie Blvd West
Syracuse, NY 13204
phone: 315-426-7432

Who to Contact

Comments and questions are always welcome and should be directed as follows:

Project Related Questions
Karen Cahill
Department of Environmental Conservation
Division of Environmental Remediation
615 Erie Blvd W
Syracuse, NY 13204
315-426-7551
karen.cahill@dec.ny.gov

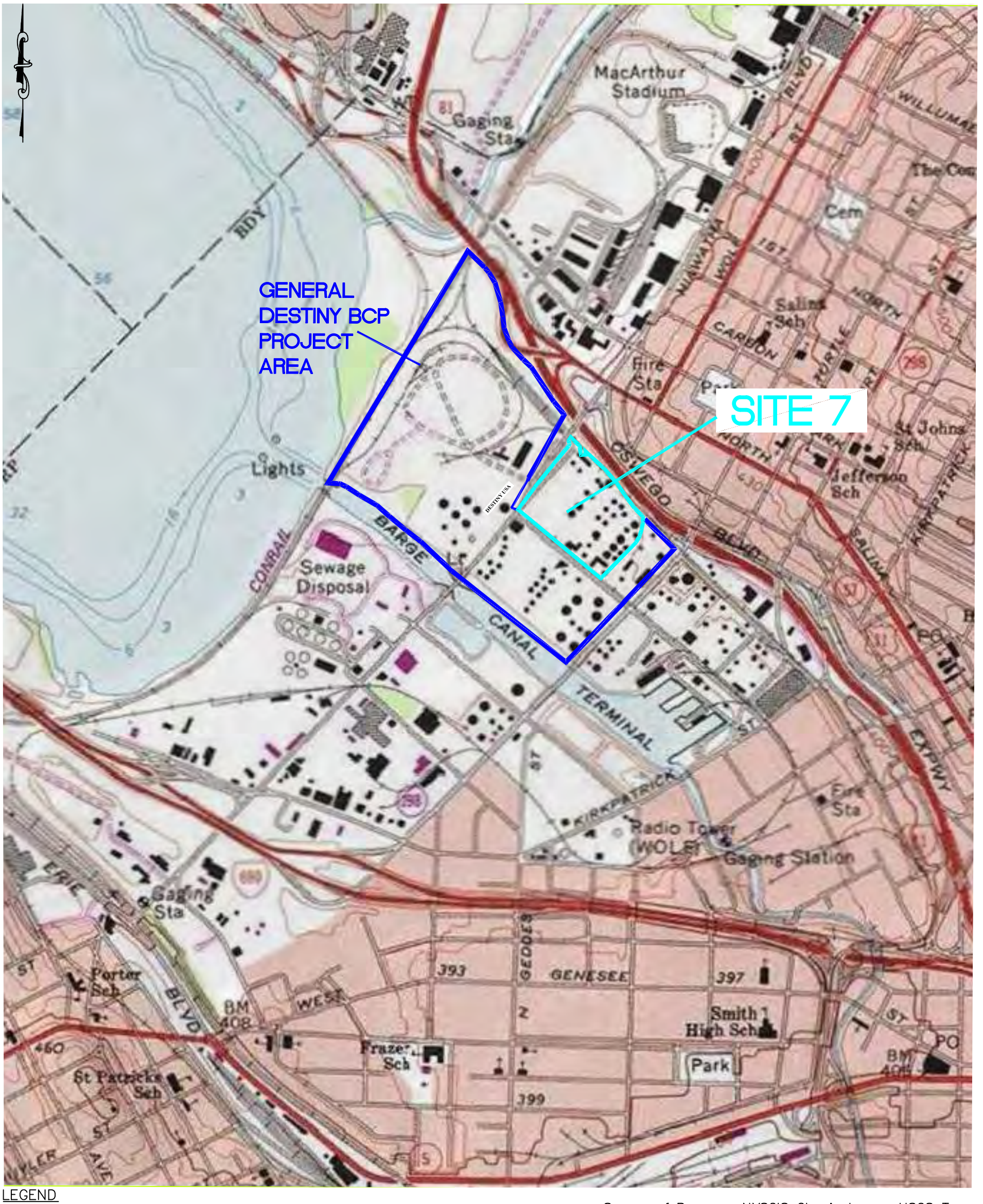
Site-Related Health Questions
Julia Kenney
New York State Department of Health
Bureau of Environmental Exposure Investigation
Empire State Plaza, Corning Tower Room 1787
Albany, NY 12237
518-402-7860
BEEI@health.ny.gov

We encourage you to share this fact sheet with neighbors and tenants, and/or post this fact sheet in a prominent area of your building for others to see.

Receive Site Fact Sheets by Email

Have site information such as this fact sheet sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page: http://www.dec.ny.gov/chemical/61092.html. It's quick, it's free, and it will help keep you *better informed*.

As a listserv member, you will periodically receive site-related information/announcements for all contaminated sites in the county(ies) you select.



LEGEND

GENERAL DESTINY BCP PROJECT AREA

DESTINY BCP PROJECT AREA

Source of Basemap: NYSGIS Clearinghouse, USGS Topo
Locations on map are approximate.

PROJECT	
PROJ. MGR:	FRP
PROJ. NO.:	15209
PREPARED BY:	JCK
DRAFTED BY:	JCK
CHECKED BY:	
APPROVED BY:	
DATUM:	
CONTOUR INTERVAL =	FEET

0 250 500 1000 2000

1"=1000'

SITE 7

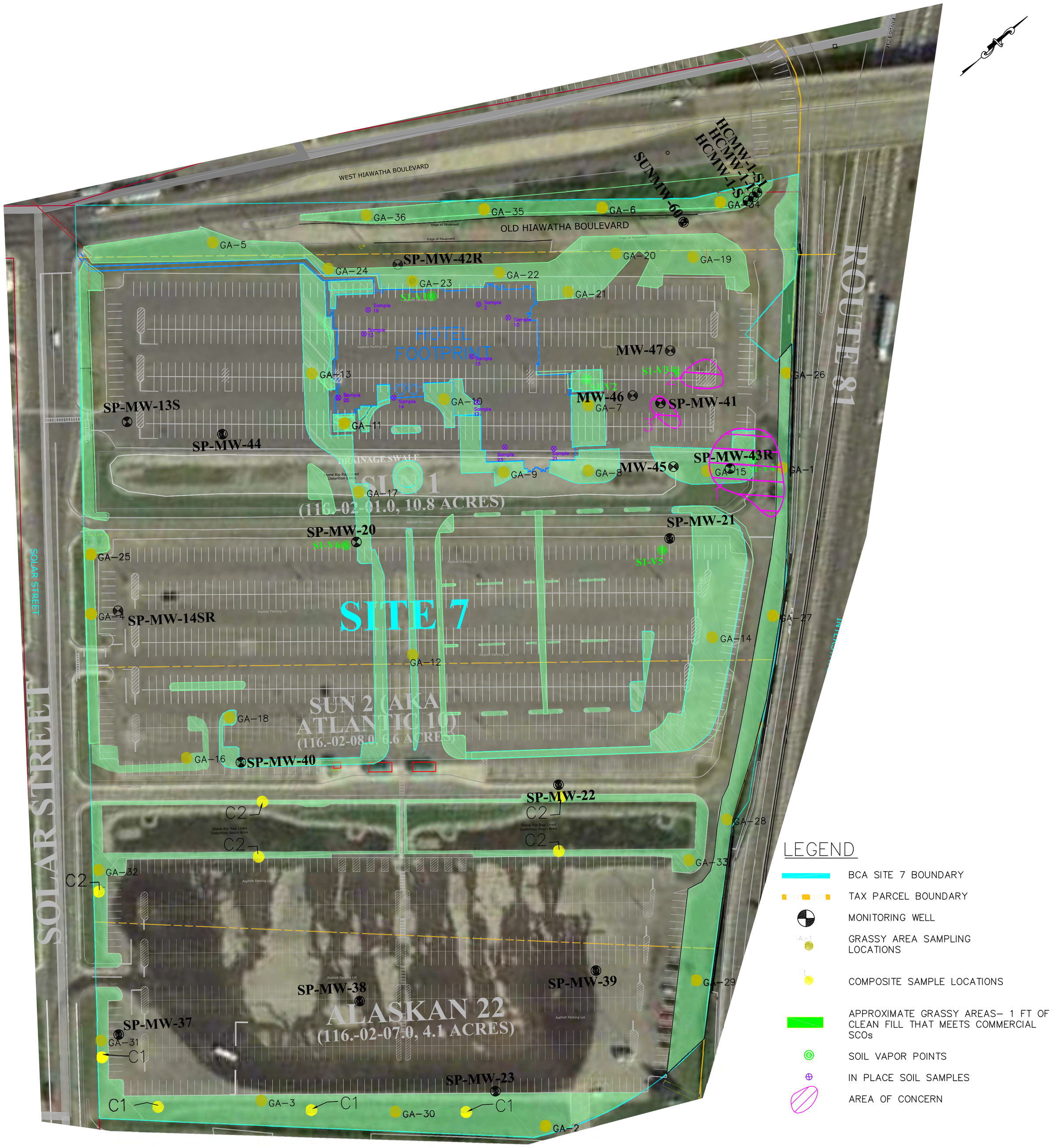
BCP PROJECT AREA

DESINTY USA

CITY OF SYRACUSE — ONONDAGA CO., NY

SPECTRA ENVIRONMENTAL GROUP, INC.
19 British American Blvd
Latham, N.Y. 12110

DATE: 3/17/2017	SCALE: 1"=1000'	DWG. NO. 15209G	FIGURE: 1



LEGEND

- BCA SITE 7 BOUNDARY
- TAX PARCEL BOUNDARY
- MONITORING WELL
- GA–1 GRASSY AREA SAMPLING LOCATIONS
- C1 COMPOSITE SAMPLE LOCATIONS
- APPROXIMATE GRASSY AREAS– 1 FT OF CLEAN FILL THAT MEETS COMMERCIAL SCOs
- SOIL VAPOR POINTS
- IN PLACE SOIL SAMPLES
- AREA OF CONCERN

NO.	DATE	RECORD OF WORK	DRN	CKD

PROJECT	
PROJ. MGR:	FRP
PROJ. NO.:	15209
PREPARED BY:	KAO
DRAFTED BY:	JCK
CHECKED BY:	
APPROVED BY:	
DATUM:	
CONTOUR INTERVAL =	FEET

0 20 40 80 160

1"=80'

SITE 7

SITE PLAN

DESTINY USA

CITY OF SYRACUSE — ONONDAGA CO., NY

SPECTRA ENVIRONMENTAL GROUP, INC.
19 British American Blvd
Latham, N.Y. 12110

DATE:	SCALE:	DWG. NO.	FIGURE:
8/10/17	1"=80'	15209I	2

LEGEND

APPROXIMATE BCA SITE 7 BOUNDARY

NO.	DATE	RECORD OF WORK	DRN	CKD

PROJECT	
PROJ. MGR:	FRP
PROJ. NO.:	15209
PREPARED BY:	KAO
DRAFTED BY:	JCK
CHECKED BY:	
APPROVED BY:	
DATUM:	
CONTOUR INTERVAL =	FEET

0

NTS

SITE 7

HOTEL AND AUXILIARY PARKING LOTS

DESTINY USA

CITY OF SYRACUSE — ONONDAGA CO., NY

SPECTRA ENVIRONMENTAL GROUP, INC.
19 British American Blvd
Latham, N.Y. 12110

DATE:	SCALE:	DWG. NO.	FIGURE:
8/10/17	NOT TO SCALE	15209I	3

NEW YORK STATE | Department of Environmental Conservation

January 2017

FACT SHEET

Brownfield Cleanup Program

Receive Site Fact Sheets by *Email.* See "For More Information" to Learn How.

Site Name: Oil City/Carousel Center – Site 7
DEC Site #: C734135
Address: 311-71 Hiawatha Blvd. West

Have questions? See "Who to Contact" Below

Remedy Proposed for Brownfield Site Contamination; Public Comment Period Announced

The public is invited to comment on a proposed remedy being reviewed by the New York State Department of Environmental Conservation (NYSDEC) to address contamination related to Oil City/Carousel Center – Site 7 ("site") located at 311-71 Hiawatha Boulevard in the City of Syracuse, Onondaga County. Please see the map for the site location. Documents related to the cleanup of this site can be found at the location(s) identified below under "Where to Find Information."

The cleanup activities will be performed and funded by Destiny USA Land Company LLC (applicant) with oversight provided by NYSDEC. When NYSDEC is satisfied that cleanup requirements have been achieved, the applicant may be eligible for tax credits to offset the costs of performing cleanup activities and for redevelopment of the site.

Based on the findings of the investigation, NYSDEC, in consultation with the New York State Department of Health (NYSDOH) has determined that the site does not pose a significant threat.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's website at:
http://www.dec.ny.gov/cfmx/extapps/derexternal/haz/details.cfm?pageid=3&progno=C734135

How to Comment
NYSDEC is accepting written comments about the proposed cleanup plan for 45 days, from **January 16, 2017 through March 2, 2017**. The draft Remedial Work Plan (RWP) containing the proposed site remedy is available for public review at the location(s) identified below under "Where to Find Information." Please submit comments to the NYSDEC project manager listed under Project Related Questions in the "Who to Contact" area below.

Proposed Remedy
The proposed remedy consists of:

Site Cover – A site cover will be required to allow for restricted residential use of the site. The site cover will consist of either structures such as buildings, paved surface parking areas,

drainage structures and sidewalks comprising site redevelopment, or a soil cover where the upper two feet of exposed surface soil will exceed the applicable soil cleanup objectives (SCOs). Where the soil cover is required it will be a minimum two feet of soil, meeting the SCOs for cover material as set forth in 6 NYCRR Part 375-6.7(d) for restricted residential use. The soil cover will be placed over a demarcation layer, with the upper six inches of the soil of sufficient quality to maintain a vegetation layer. Any fill material brought to the site will meet the requirements for the identified site use as set forth in 6NYCRR part 375-6.7(d).

In-situ chemical oxidation (ISCO) - ISCO will be implemented to treat petroleum contamination in soil and groundwater. A chemical oxidant will be injected into the subsurface in three Areas of Concern (AOCs) covering approximately 11,000-square feet located in the northwestern portion of the site where petroleum compounds were detected at elevated concentrations in soil and groundwater. Additional injections may be necessary based on groundwater monitoring results.

Vapor Mitigation - Existing and any future on-site buildings will be required to have a sub-slab vapor mitigation system, or other similar engineered system, to prevent the migration of vapors into the building from soil and groundwater.

Institutional Control - Imposition of an institutional control in the form of an environmental easement for the controlled property which will:

- require the remedial party or site owner to complete and submit to the Department a periodic certification that institutional and engineering controls are in place;
- allow the use and development of the controlled property for restricted-residential and commercial use, although land use is subject to local zoning laws;
- restrict the use of groundwater as a source of potable or process water; and
- require compliance with the Department approved Site Management Plan.

Site Management Plan - A Site Management Plan is required and includes the following:

a. Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure that the following institutional and/or engineering controls remain in place and effective:

- Institutional Controls: The environmental easement discussed above.
- Engineering Controls: The soil cover and sub-slab mitigation system discussed above.

This Institutional and Engineering Control Plan will include, but may not be limited to:

- An Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;
- Descriptions of the provisions of the environmental easement including any land use and groundwater use restrictions;
- A provision for evaluation of the potential for soil vapor intrusion for future buildings developed on the site, including provision for implementing actions recommended to address exposures related to soil vapor intrusion;
- Provisions for the management and inspection of the identified engineering controls;

- Maintaining site access controls and Department notification; and
- The steps necessary for the periodic reviews and certification of the institutional and/or engineering controls

b. Monitoring Plan to assess the performance and effectiveness of the remedy which includes groundwater monitoring and monitoring for vapor intrusion for any future buildings occupied or developed on the site, as may be required by the Institutional and Engineering Control Plan.

Summary of the Investigation

The investigation field work included collection of soil, groundwater and soil vapor samples to determine existing site conditions. Based on the findings of the investigation, contamination does not extend to off-site areas, and as a result NYSDEC, in consultation with the New York State Department of Health (NYSDOH) has determined that the site does not pose a significant threat. A detailed discussion of the findings is presented in the Remedial Investigation (RI) report.

Based on the RI results, the primary contaminants of concern at the site include petroleum-related volatile organic compounds (VOCs), polyaromatic hydrocarbons (PAHs), and metals, predominately located on the former Sun Oil (aka Sunoco) parcel (SUN1) on the northern portion of the site.

Sub-surface soil analyses identified petroleum-related VOCs including benzene, ethylbenzene, xylenes, iso- and butyl-propylbenzene, and trimethylbenzenes at concentrations above the restricted-residential use SCOs.

Sub-surface soil analysis also identified PAHs, including benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene and chrysene; and metals including arsenic, cadmium, copper, and zinc at concentrations exceeding restricted-residential use SCOs.

Groundwater samples were collected in June 2013 and Fall 2016. The analytical results indicate that groundwater is impacted by petroleum-related VOCs and to a lesser degree, metals, predominantly within and adjacent to three AOCs on the SUN1 parcel.

Analyses of soil vapor samples identified petroleum-related VOCs at elevated levels on the SUN1 parcel, including benzene, toluene, hexane and 2,2,4-trimethlypentane (aka iso-octane, a common gasoline additive).

Next Steps

NYSDEC will consider public comments received on the proposed remedy presented in the draft RWP and ultimately issue a final Decision Document. The New York State Department of Health (NYSDOH) must also concur with the remedy. The final Remedial Work Plan (with revisions if necessary) and the Decision Document will be made available to the public. The applicant(s) may then design and perform the cleanup action to address the site contamination, with oversight by NYSDEC and NYSDOH.

NYSDEC will keep the public informed throughout the investigation and cleanup of the site.

Site Description

The Oil City/Carousel Center Site 7 is located in an urban area of Onondaga County at 311-71 West Hiawatha Boulevard in the City of Syracuse, in the northeastern portion of the lands generally referred to as "Oil City", south of Hiawatha Boulevard. Site 7 is within the overall boundaries of the Destiny BCP Project Area, and is bounded to the northwest by Hiawatha Blvd, to the northeast by RT 81, to the southeast by Destiny USA BCP Site 9 (C734137), and to the west by Solar Street.

The approximate 27-acre property consist of approximately 890,000 square-feet of paved auxiliary parking lots for the Destiny USA mall and a 45,000 square-foot hotel currently under construction. The site contains one stormwater collection basin with several covered shuttle bus canopies.

The site is zoned for Class B industrial use by the City of Syracuse. Land uses surrounding the site include a mix of commercial and retail with the Destiny USA mall complex located across Hiawatha Blvd to the west. The nearest residential area is adjacent to RT 81 to the north.

Brownfield Cleanup Program: New York's Brownfield Cleanup Program (BCP) encourages the voluntary cleanup of contaminated properties known as "brownfields" so that they can be reused and redeveloped. These uses include recreation, housing, business or other uses.

A brownfield site is any real property where a contaminant is present at levels exceeding the soil cleanup objectives or other health-based or environmental standards, criteria or guidance adopted by DEC that are applicable based on the reasonably anticipated use of the property, in accordance with applicable regulations.

For more information about the BCP, visit: http://www.dec.ny.gov/chemical/8450.html

FOR MORE INFORMATION

Where to Find Information

Project documents are available at the following location(s) to help the public stay informed.

Robert P. Kinchen Central Library
The Galleries of Syracuse
Syracuse, NY 13204-2494
Phone: 315-435-1900
(reference@onlib.org)

NYSDEC R7 Office
615 Erie Boulevard West
Syracuse, NY 13204
315-426-7551 (Please call for an appointment)

Who to Contact
Comments and questions are always welcome and should be directed as follows:

Project-Related Questions
Karen Cahill
New York State Department of
Environmental Conservation
Division of Environmental Remediation
615 Erie Boulevard West
Syracuse, NY 13204
(315) 426-7551
karen.cahill@dec.ny.gov

Site-Related Health Questions
Julia M. Kenney
New York State Department of Health
Bureau of Environmental Exposure
Investigation
Corning Tower, Room 1787
Albany NY 12237
(518) 402-7860
beei@health.ny.gov

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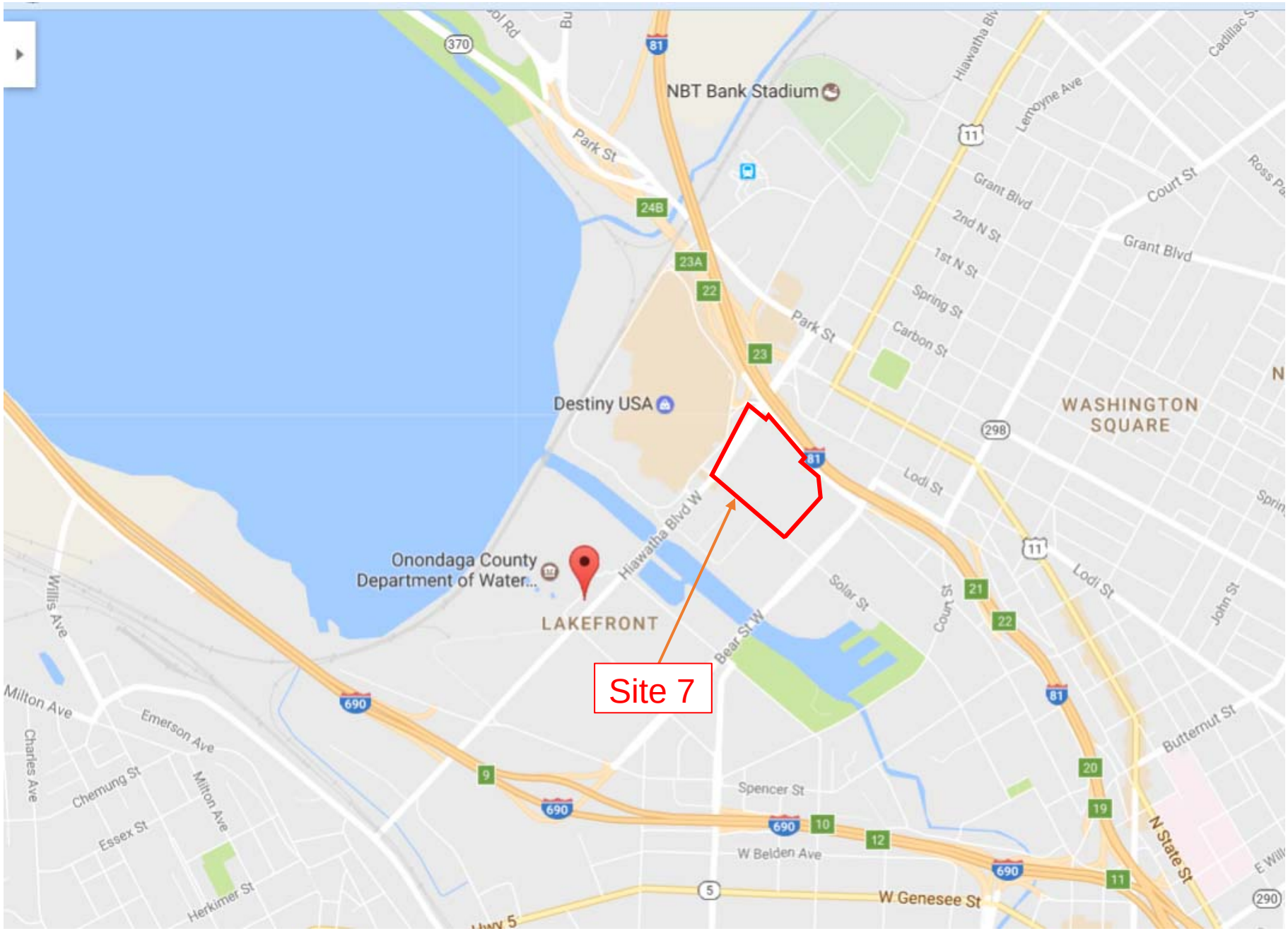
As a listserv member, you will periodically receive site-related information/announcements for all contaminated sites in the county(ies) you select.

Note: Please disregard if you already have signed up and received this fact sheet electronically.

Site Location Map
Oil City/Carousel Center – Site 7



DECISION DOCUMENT

Oil City/Carousel Center - Site 7
Brownfield Cleanup Program
Syracuse, Onondaga County
Site No. C734135
May 2017

Prepared by
Division of Environmental Remediation
New York State Department of Environmental Conservation

DECLARATION STATEMENT - DECISION DOCUMENT

Oil City/Carousel Center - Site 7
Brownfield Cleanup Program
Syracuse, Onondaga County
Site No. C734135
May 2017

Statement of Purpose and Basis

This document presents the remedy for the Oil City/Carousel Center - Site 7 site, a brownfield cleanup site. The remedial program was chosen in accordance with the New York State Environmental Conservation Law and Title 6 of the Official Compilation of Codes, Rules and Regulations of the State of New York (6 NYCRR) Part 375.

This decision is based on the Administrative Record of the New York State Department of Environmental Conservation (the Department) for the Oil City/Carousel Center - Site 7 site and the public's input to the proposed remedy presented by the Department.

Description of Selected Remedy

The elements of the selected remedy are as follows:

1. Remedial Design
A remedial design program will be implemented to provide the details necessary for the construction, operation, optimization, maintenance, and monitoring of the remedial program. Green remediation principles and techniques will be implemented to the extent feasible in the design, implementation, and site management of the remedy as per DER-31. The major green remediation components are as follows;

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
- Reducing direct and indirect greenhouse gases and other emissions;
- Increasing energy efficiency and minimizing use of non-renewable energy;
- Conserving and efficiently managing resources and materials;
- Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste;
- Maximizing habitat value and creating habitat when possible;
- Fostering green and healthy communities and working landscapes which balance ecological, economic and social goals; and
- Integrating the remedy with the end use where possible and encouraging green and sustainable re-development.

2. In-Situ Chemical Oxidation
ISCO will be implemented to treat petroleum contamination in soil and groundwater. A chemical oxidant will be injected into the subsurface in three Areas of Concern (AOCs) covering approximately 11,000-square feet located in the northwestern portion of the site where petroleum compounds were detected at elevated concentrations in soil and groundwater. The chemical oxidant will be injected into the subsurface at depths ranging from 4 to 12 feet via temporary injection points installed using a direct-push drill rig. Approximately 37 injection points will be necessary. The injection point spacing will be determined during the initial injection phase. Additional injections may be necessary based on groundwater monitoring results.

3. Cover System
A site cover will be required to allow for restricted residential use of the site. The site cover will consist of either structures such as buildings, paved surface parking areas, drainage structures and sidewalks comprising site redevelopment, or a soil cover where the upper two feet of exposed surface soil will exceed the applicable soil cleanup objectives (SCOs). Where the soil cover is required it will be a minimum two feet of soil, meeting the SCOs for cover material as set forth in 6 NYCRR Part 375-6.7(d) for restricted residential use. The soil cover will be placed over a demarcation layer, with the upper six inches of the soil of sufficient quality to maintain a vegetation layer. Any fill material brought to the site will meet the requirements for the identified site use as set forth in 6NYCRR part 375-6.7(d).

4. Vapor Mitigation
Prior to occupancy, the newly constructed, on-site building will be required to have a sub-slab vapor mitigation system, or other similar engineered system, installed to mitigate the migration of vapors into the building from soil and groundwater. At a minimum, indoor air monitoring will be required to evaluate the effectiveness of the mitigation system.

5. Environmental Easement
Imposition of an institutional control in the form of an environmental easement for the controlled property which will:

- require the remedial party or site owner to complete and submit to the Department a periodic certification that institutional and engineering controls are in place;
- allow the use and development of the controlled property for restricted-residential use as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
- restrict the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH; and
- require compliance with the Department approved Site Management Plan.

6. Site Management Plan
A Site Management Plan is required, which includes the following:

a. an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure that the following institutional and/or engineering controls remain in place and effective:

- Institutional Controls: The environmental easement discussed in Paragraph 5 above.

- Engineering Controls: The soil cover and sub-slab mitigation system discussed in Paragraphs 3 and 4 above, and the fenced in stormwater drainage swale as discussed in Section 3 and illustrated in Figure 3

This plan includes, but may not be limited to:

- an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;
- descriptions of the provisions of the environmental easement including any land use and groundwater use restrictions;
- a provision for evaluation of the potential for soil vapor intrusion for future buildings developed on the site, including a provision for implementing actions recommended to address exposures related to soil vapor intrusion;
- a provision that should a building foundation, building slab, or pavement be removed in the future, a cover system consistent with that described in Paragraph 3 above will be placed in areas where the upper two feet of exposed surface soil exceed the applicable SCOs;
- provisions for the management and inspection of the identified engineering controls;
- maintaining site access controls and Department notification; and
- the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

b. A Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes, but may not be limited to:

- monitoring of groundwater to assess the performance and effectiveness of the remedy;
- a schedule of monitoring and frequency of submittals to the Department; and
- monitoring for vapor intrusion of any future buildings developed on the site, as may be required by the Institutional and Engineering Control Plan discussed above.

c. An Operation and Maintenance (O&M) Plan to ensure continued operation, maintenance, inspection, and reporting of any mechanical or physical components of the active vapor mitigation system(s). The plan includes, but is not limited to:

- procedures for operating and maintaining the system(s); and
- compliance inspection of the system(s) to ensure proper O&M as well as providing the data for any necessary reporting.

Declaration

The remedy conforms with promulgated standards and criteria that are directly applicable, or that are relevant and appropriate and takes into consideration Department guidance, as appropriate. The remedy is protective of public health and the environment.

5/17/2017
Date

William L Daigle
William Daigle, Director
Remedial Bureau D

DECISION DOCUMENT

Oil City/Carousel Center - Site 7
Syracuse, Onondaga County
Site No. C734135
May 2017

SECTION 1: SUMMARY AND PURPOSE

The New York State Department of Environmental Conservation (the Department), in consultation with the New York State Department of Health (NYSDOH), has selected a remedy for the above referenced site. The disposal of contaminants at the site has resulted in threats to public health and the environment that would be addressed by the remedy. The disposal or release of contaminants at this site, as more fully described in this document, has contaminated various environmental media. Contaminants include hazardous waste and/or petroleum.

The New York State Brownfield Cleanup Program (BCP) is a voluntary program. The goal of the BCP is to enhance private-sector cleanups of brownfields and to reduce development pressure on "greenfields." A brownfield site is real property, the redevelopment or reuse of which may be complicated by the presence or potential presence of a contaminant.

The Department has issued this document in accordance with the requirements of New York State Environmental Conservation Law and 6 NYCRR Part 375. This document is a summary of the information that can be found in the site-related reports and documents.

SECTION 2: CITIZEN PARTICIPATION

The Department seeks input from the community on all remedies. A public comment period was held, during which the public was encouraged to submit comment on the proposed remedy. All comments on the remedy received during the comment period were considered by the Department in selecting a remedy for the site. Site-related reports and documents were made available for review by the public at the following document repositories:

Robert P. Kinchen Central Library
The Galleries of Syracuse
Syracuse, NY 13204-2494
Phone: 315-435-1900

NYSDEC Region 7
Attn: Karen Cahill
615 Erie Blvd West
Syracuse, NY 13204
Phone: 315-426-7432

Receive Site Citizen Participation Information By Email

Please note that the Department's Division of Environmental Remediation (DER) is "going paperless" relative to citizen participation information. The ultimate goal is to distribute citizen participation information about contaminated sites electronically by way of county email listservs. Information will be distributed for all sites that are being investigated and cleaned up in a particular county under the State Superfund Program, Environmental Restoration Program, Brownfield Cleanup Program, Voluntary Cleanup Program, and Resource Conservation and Recovery Act Program. We encourage the public to sign up for one or more county listservs at http://www.dec.ny.gov/chemical/61092.html

SECTION 3: SITE DESCRIPTION AND HISTORY

Location: The Oil City/Carousel Center Site 7 is located in an urban area of Onondaga County at 311-71 West Hiawatha Boulevard in the City of Syracuse in the northeastern portion of the area generally referred to as "Oil City", south of Hiawatha Boulevard. Site 7 is within the overall boundaries of the Destiny BCP Project Area which is generally bounded by Interstate 81 to the north, Bear Street to the east, the NYS Barge Canal to the south, and Onondaga Lake to the west. The Destiny BCP Project Area consists of eight additional contiguous BCP sites. Site 7 is located within this area and is bounded to the northwest by Hiawatha Blvd, to the northeast by Route 81, to the southeast by Destiny USA BCP Site 9 (C734137), and to the west by Solar Street. Destiny USA BCP Sites 6 and 8 (C734136 and C734137) are located to the south of Site 7 across Solar Street. A site location map and site plan are attached as Figures 1 and 2.

Site Features: The site currently consists of approximately 890,000 square-feet of paved auxiliary parking lots for the Destiny USA mall and a 45,000 square-foot hotel currently under construction on the SUN-1 parcel. The site also contains one fenced-in stormwater drainage swale and a covered shuttle bus canopy.

Current Zoning/Use: The site is zoned Class B industrial use by the City of Syracuse, which allows for most commercial uses. Land uses surrounding the site include a mix of commercial and retail with the Destiny USA mall complex located across Hiawatha Blvd to the west. The nearest residential area is located approximately ¼ mile northeast of the site.

Past Use of the Site:
Since 2008, Site 7 had been used as a group of surface parking lots and associated driveway areas for the Destiny USA mall. Prior to that the three parcels comprising the site were used as major oil storage facilities by Sunoco (SUN-1 parcel), Atlantic Oil (SUN-2 parcel), and Alaskan Oil (Alaskan-22 parcel). Numerous aboveground petroleum storage tanks and underground piping were removed from the site (circa 1989-2005), and property-specific investigations and remedial actions were subsequently conducted by the oil companies.

The investigations revealed contamination primarily consisting of petroleum-related compounds and metals. The remediation efforts generally conducted between 2000 and 2005 included property-specific excavations at depths ranging from 2 to 8 feet below grade, and the injection of air and/or ozone into the subsurface to break down the organic contaminants in soil and

groundwater. In 2000, approximately 13,000 cubic yards of soil were excavated from the Sunoco and Atlantic parcels. These soils were stockpiled on BCP Site C734136 (Site 9) where they were subsequently partially treated by bioremediation (the treatment of contaminated soil with microorganisms that breakdown the contaminants).

In June 2005, a Stipulation Agreement was executed between Destiny USA Land Company, LLC and the Department for a number of the Oil City parcels, including a portion of Site 7. The agreement included an Interim Remedial Plan (IRP) which identified measures to be taken to address petroleum contamination. Activities completed on Site 7 as part of the IRP included pipeline removal, free product removal and monitoring, and shallow soil treatment on the SUN-1 parcel. The majority of the site was also paved under the IRP as an Interim Remedial Measure.

Geology and Hydrogeology: Surface deposits below the asphalt consist of up to 4 feet of gravel fill intermixed with sand and silt grading to fine silt and sands down to approximately 12 feet. A layer of Solvay Process Waste (a calcium-rich white to grey soft deposit generated from the production of Soda Ash in the early 1900s) was encountered at approximately 8 to 10 feet on the western side of the SUN-1 parcel. Unconsolidated deposits underlying the fill materials include salt marsh deposits consisting of marl, shells, and peat; sand, gravel and Lacustrine (Lake) fine-grained silt and clay deposits ranging from 40 to 200 feet in thickness; glacial outwash sand and gravel; and a relatively thin (less than 30 feet) glacial till deposit consisting of silt, sand, gravel, and cobbles. The till is underlain by bedrock consisting of aged weathered Vernon shale located at depths up to 200 feet below ground surface.

Groundwater beneath the site is generally shallow, encountered at depths of 1.5 to 7 feet, and flows in a southwesterly direction towards the NYS Barge Canal, with a west-northwesterly component on the northern end of the site.

SECTION 4: LAND USE AND PHYSICAL SETTING

The Department may consider the current, intended, and reasonably anticipated future land use of the site and its surroundings when evaluating a remedy for soil remediation. For this site, alternatives (or an alternative) that restrict(s) the use of the site to restricted-residential use (which allows for commercial use and industrial use) as described in Part 375-1.8(g) were/was evaluated in addition to an alternative which would allow for unrestricted use of the site.

A comparison of the results of the Remedial Investigation (RI) to the appropriate standards, criteria and guidance values (SCGs) for the identified land use and the unrestricted use SCGs for the site contaminants is available in the RI Report.

SECTION 5: ENFORCEMENT STATUS

The Applicant under the Brownfield Cleanup Agreement is a Participant. The Applicant has an obligation to address off-site contamination. However, the Department has determined that this site does not pose a significant threat to public health or the environment; accordingly, no enforcement actions are necessary. Existing data indicate that petroleum impacts may extend offsite onto the Route 81 corridor, however this area is below the highway and not readily

accessible. The Department will work with the New York State Department of Transportation and NYSDOH to ensure human exposures to contaminated materials are minimized should areas of contamination become accessible.

SECTION 6: SITE CONTAMINATION

6.1: Summary of the Remedial Investigation

A remedial investigation (RI) serves as the mechanism for collecting data to:

- characterize site conditions;
- determine the nature of the contamination; and
- assess risk to human health and the environment.

The RI is intended to identify the nature (or type) of contamination which may be present at a site and the extent of that contamination in the environment on the site, or leaving the site. The RI reports on data gathered to determine if the soil, groundwater, soil vapor, indoor air, surface water or sediments may have been contaminated. Monitoring wells are installed to assess groundwater and soil borings or test pits are installed to sample soil and/or waste(s) identified. If other natural resources are present, such as surface water bodies or wetlands, the water and sediment may be sampled as well. Based on the presence of contaminants in soil and groundwater, soil vapor will also be sampled for the presence of contamination. Data collected in the RI influence the development of remedial alternatives. The RI report is available for review in the site document repository and the results are summarized in section 6.3.

The analytical data collected on this site includes data for:

- groundwater
- soil
- soil vapor

6.1.1: Standards, Criteria, and Guidance (SCGs)

The remedy must conform to promulgated standards and criteria that are directly applicable or that are relevant and appropriate. The selection of a remedy must also take into consideration guidance, as appropriate. Standards, Criteria and Guidance are hereafter called SCGs.

To determine whether the contaminants identified in various media are present at levels of concern, the data from the RI were compared to media-specific SCGs. The Department has developed SCGs for groundwater, surface water, sediments, and soil. The NYSDOH has developed SCGs for drinking water and soil vapor intrusion. For a full listing of all SCGs see: http://www.dec.ny.gov/regulations/61794.html

6.1.2: RI Results

The data have identified contaminants of concern. A "contaminant of concern" is a contaminant that is sufficiently present in frequency and concentration in the environment to require evaluation

for remedial action. Not all contaminants identified on the property are contaminants of concern. The nature and extent of contamination and environmental media requiring action are summarized below. Additionally, the RI Report contains a full discussion of the data. The contaminant of concern identified at this site are:

benzene	benzo[b]fluoranthene
ethylbenzene	chrysene
xylene (mixed)	indeno(1,2,3-cd)pyrene
isopropylbenzene	arsenic
n-propylbenzene	cadmium
1,2,4-trimethylbenzene	copper
benzo(a)anthracene	mercury
benzo(a)pyrene	zinc

The contaminant(s) of concern exceed the applicable SCGs for:

- groundwater
- soil
- soil vapor intrusion

6.2: Interim Remedial Measures

An interim remedial measure (IRM) is conducted at a site when a source of contamination or exposure pathway can be effectively addressed before issuance of the Decision Document.

There were no IRMs performed at this site during the RI.

6.3: Summary of Environmental Assessment

This section summarizes the assessment of existing and potential future environmental impacts presented by the site. Environmental impacts may include existing and potential future exposure pathways to fish and wildlife receptors, wetlands, groundwater resources, and surface water. The RI report presents a detailed discussion of any existing and potential impacts from the site to fish and wildlife receptors.

Subsurface soil and groundwater samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, and polychlorinated biphenyls (PCBs). With the exception of the drainage swale, the majority of the site is currently paved, therefore no surface soil samples were collected during the investigation. Based on the analytical results from the soil and groundwater samples, soil vapor samples were collected on the SUN-1 parcel and analyzed for VOCs.

Based upon investigations conducted to date, the primary contaminants of concern include: petroleum-related VOCs (including benzene, ethylbenzene, xlyenes, isopropylbenzene, n-propylbenzene, and 1,2,4-trimethylbenzene (TMB)); metals (including arsenic, cadmium, copper, mercury, and zinc); and polycyclic aromatic hydrocarbons (PAHs) including benzo(a)anthracene,

benzo(a)pyrene, benzo(b)flouranthene, chrysene, and indeno(1,2,3-cd)pyrene.

Soil:
SUN-1 Parcel (see Figure 2) - An area of gross petroleum contamination was encountered during the RI in the subsurface soil in the northern portion of the SUN-1 parcel, between the hotel footprint and the Route 81 corridor. The impacts were identified in the field through heavy staining of the soil, strong petroleum odors, sheens, and elevated readings on a photoionization detector (up to 3,000 parts per million at boring location P1-5); and were present at depths ranging from approximately 4 feet to 12 feet below grade. Within this area, petroleum-related VOCs were detected in 15 locations at concentrations greater than the applicable soil cleanup objectives (SCOs) for restricted residential (RR) use; and in 20 locations at concentrations greater than the applicable protection of groundwater SCOs. The majority of these exceedances occur 4 feet to 12 feet below grade in the area immediately surrounding monitoring wells SP-MW-41 and SP-MW-43. Total xylenes were detected at concentrations up to 492 parts per million (ppm) in this area, compared to its RR use SCO of 100 ppm. Similarly, 1,2,4-TMB was detected up to 415 ppm as compared its RR use SCO of 52 ppm. Metals were also detected in sub-surface soils within this area at concentrations that exceeded their RR use SCOs. Arsenic, cadmium, copper, lead and zinc were detected at concentrations up to 71 ppm, 53 ppm, 1,400 ppm, 1,600 ppm, and 16,000 ppm, respectively, as compared to their RR use SCOs of 16 ppm, 4.3 ppm, 270 ppm, 400 ppm, and 10,000 ppm, respectively. PAHs were detected in soils at less than 6 feet within this area at five locations above RR use SCOs at concentrations ranging from approximately 5 to 39 ppm.

Metals and PAHs were also detected above RR use SCOs on the SUN-1 parcel in the area of the hotel footprint. The majority of these exceedances occurred a depths ranging from 4 to 8 feet. Arsenic, cadmium, copper, and zinc were detected at concentrations up to 137 ppm, 56 ppm, 6,300 ppm and 17,000 ppm, respectively. Mercury was also detected at a maximum concentration of 6.3 ppm at 4 to 8 feet below grade at S1-17 location, as compared to its RR use SCO of 0.81 ppm.

The data from boring S1-3 located on the northern boundary of the SUN-1 parcel indicate that petroleum impacts may extend off the BCP site to the northwest, however, the Route 81 corridor is located immediately adjacent to this boring location, therefore any potentially-related petroleum contamination would be in the subsurface beneath the highway and not readily accessible. The Department will work with the New York State Department of Transportation and NYSDOH to ensure human exposures to contaminated materials are minimized should areas of contamination become accessible.

SUN-2 and Alaskan Parcels (see Figure 2) - There were no VOCs detected in soil at concentrations greater than the RR use SCOs on either of these parcels. Arsenic and mercury were detected in one location slightly above the RR use SCO.

Groundwater:
Groundwater beneath the site is predominantly contaminated with petroleum-related VOC compounds. VOC compounds that exceed NYS groundwater standards include benzene, ethylbenzene, butylbenzenes, propylbenzenes, trimethlybenzenes, toluene, xylenes, and naphthalene. VOCs exceeded their respective groundwater standards in 9 of the 15 onsite wells. The highest VOC concentrations were detected in monitoring wells SP-MW-41 and SP-MW-43

located in the area of gross petroleum soil contamination on the SUN-1 parcel. Arsenic, barium, and/or lead were also detected at concentrations slightly above groundwater standards in three onsite wells. Contaminated groundwater is not known or suspected to be migrating offsite.

Soil Vapor:
As stated above, based on the analytical results from the soil and groundwater sampling, soil vapor samples were only collected on the SUN-1 parcel and analyzed for VOCs. Petroleum-related VOCs, including benzene, toluene, hexane and 2,2,4-trimethylpentane (aka iso-octane, a gasoline additive) were detected in the six soil vapor points installed on the SUN-1 parcel. Benzene was detected in all six soil vapor points at a maximum concentration of 690 µg/m3. Contamination in soil vapor associated with this site is not known or suspected to be present offsite.

6.4: Summary of Human Exposure Pathways

This human exposure assessment identifies ways in which people may be exposed to site-related contaminants. Chemicals can enter the body through three major pathways (breathing, touching or swallowing). This is referred to as *exposure.*

People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. People are not likely to come into contact with contaminated soil unless they dig below the ground surface. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air or buildings, is referred to as soil vapor intrusion. There are no current on-site occupied buildings. The potential exists for the inhalation of contaminants due to soil vapor intrusion for any future on-site development. There are no off-site soil vapor concerns associated with this site. However, there is the potential for soil vapor intrusion concerns on adjacent and nearby Destiny USA BCP Sites also part of the area's past use as a petroleum storage facility.

6.5: Summary of the Remediation Objectives

The objectives for the remedial program have been established through the remedy selection process stated in 6 NYCRR Part 375. The goal for the remedial program is to restore the site to pre-disposal conditions to the extent feasible. At a minimum, the remedy shall eliminate or mitigate all significant threats to public health and the environment presented by the contamination identified at the site through the proper application of scientific and engineering principles.

The remedial action objectives for this site are:

Groundwater

RAOs for Public Health Protection

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

RAOs for Environmental Protection

- Restore ground water aquifer to pre-disposal/pre-release conditions, to the extent practicable.
- Remove the source of ground or surface water contamination.

Soil

RAOs for Public Health Protection

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

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.

Soil Vapor

RAOs for Public Health Protection

- Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at a site.

SECTION 7: ELEMENTS OF THE SELECTED REMEDY

The alternatives developed for the site and the evaluation of the remedial criteria are presented in the Alternative Analysis. The remedy is selected pursuant to the remedy selection criteria set forth in DER-10, Technical Guidance for Site Investigation and Remediation and 6 NYCRR Part 375.

The selected remedy is a Track 4: Restricted use with site-specific soil cleanup objectives remedy.

The selected remedy is referred to as the In-Situ Chemical Oxidation, Cover System, and Vapor Mitigation remedy.

The elements of the selected remedy, as shown in Figure 3, are as follows:

1. Remedial Design

A remedial design program will be implemented to provide the details necessary for the construction, operation, optimization, maintenance, and monitoring of the remedial program. Green remediation principles and techniques will be implemented to the extent feasible in the design, implementation, and site management of the remedy as per DER-31. The major green remediation components are as follows;

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
- Reducing direct and indirect greenhouse gases and other emissions;
- Increasing energy efficiency and minimizing use of non-renewable energy;
- Conserving and efficiently managing resources and materials;
- Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste;
- Maximizing habitat value and creating habitat when possible;

- Fostering green and healthy communities and working landscapes which balance ecological, economic and social goals; and
- Integrating the remedy with the end use where possible and encouraging green and sustainable re-development.

2. In-Situ Chemical Oxidation

ISCO will be implemented to treat petroleum contamination in soil and groundwater. A chemical oxidant will be injected into the subsurface in three Areas of Concern (AOCs) covering approximately 11,000-square feet located in the northwestern portion of the site where petroleum compounds were detected at elevated concentrations in soil and groundwater. The chemical oxidant will be injected into the subsurface at depths ranging from 4 to 12 feet via temporary injection points installed using a direct-push drill rig. Approximately 37 injection points will be necessary. The injection point spacing will be determined during the initial injection phase. Additional injections may be necessary based on groundwater monitoring results.

3. Cover System

A site cover will be required to allow for restricted residential use of the site. The site cover will consist of either structures such as buildings, paved surface parking areas, drainage structures and sidewalks comprising site redevelopment, or a soil cover where the upper two feet of exposed surface soil will exceed the applicable soil cleanup objectives (SCOs). Where the soil cover is required it will be a minimum two feet of soil, meeting the SCOs for cover material as set forth in 6 NYCRR Part 375-6.7(d) for restricted residential use. The soil cover will be placed over a demarcation layer, with the upper six inches of the soil of sufficient quality to maintain a vegetation layer. Any fill material brought to the site will meet the requirements for the identified site use as set forth in 6NYCRR part 375-6.7(d).

4. Vapor Mitigation

Prior to occupancy, the newly constructed, on-site building will be required to have a sub-slab vapor mitigation system, or other similar engineered system, installed to mitigate the migration of vapors into the building from soil and groundwater. At a minimum, indoor air monitoring will be required to evaluate the effectiveness of the mitigation system.

5. Environmental Easement

Imposition of an institutional control in the form of an environmental easement for the controlled property which will:

- require the remedial party or site owner to complete and submit to the Department a periodic certification that institutional and engineering controls are in place;
- allow the use and development of the controlled property for restricted-residential use as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
- restrict the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH; and
- require compliance with the Department approved Site Management Plan.

6. Site Management Plan

A Site Management Plan is required, which includes the following:

a. an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure that the following institutional and/or engineering controls remain in place and effective:

- Institutional Controls: The environmental easement discussed in Paragraph 5 above.
- Engineering Controls: The soil cover and sub-slab mitigation system discussed in Paragraphs 3 and 4 above, and the fenced in stormwater drainage swale as discussed in Section 3 and illustrated in Figure 3

This plan includes, but may not be limited to:

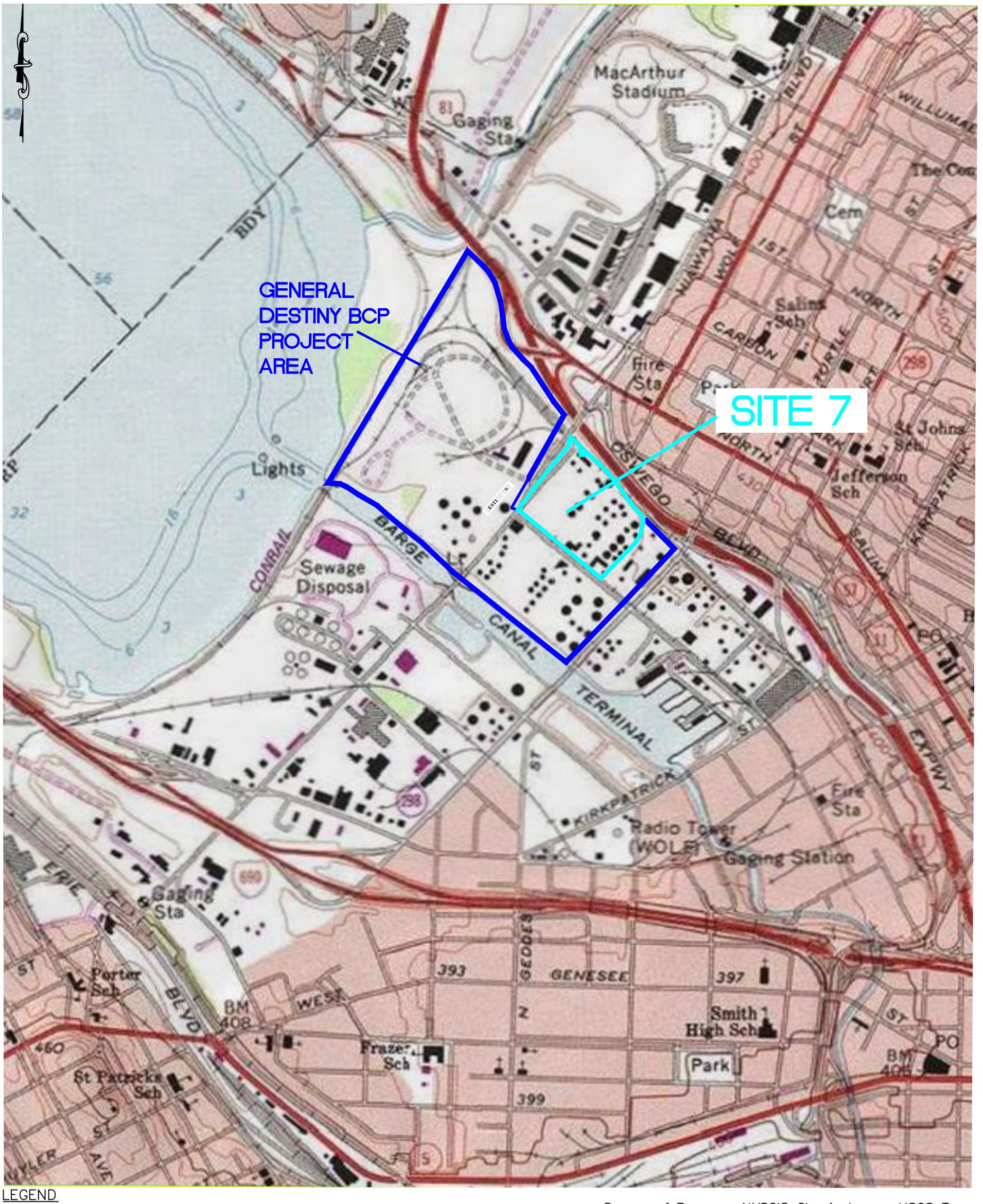
- an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;
- descriptions of the provisions of the environmental easement including any land use and groundwater use restrictions;
- a provision for evaluation of the potential for soil vapor intrusion for future buildings developed on the site, including a provision for implementing actions recommended to address exposures related to soil vapor intrusion;
- a provision that should a building foundation, building slab, or pavement be removed in the future, a cover system consistent with that described in Paragraph 3 above will be placed in areas where the upper two feet of exposed surface soil exceed the applicable SCOs;
- provisions for the management and inspection of the identified engineering controls;
- maintaining site access controls and Department notification; and
- the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

b. A Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes, but may not be limited to:

- monitoring of groundwater to assess the performance and effectiveness of the remedy;
- a schedule of monitoring and frequency of submittals to the Department; and
- monitoring for vapor intrusion of any future buildings developed on the site, as may be required by the Institutional and Engineering Control Plan discussed above.

c. An Operation and Maintenance (O&M) Plan to ensure continued operation, maintenance, inspection, and reporting of any mechanical or physical components of the active vapor mitigation system(s). The plan includes, but is not limited to:

- procedures for operating and maintaining the system(s); and
- compliance inspection of the system(s) to ensure proper O&M as well as providing the data for any necessary reporting.



LEGEND

GENERAL DESTINY BCP PROJECT AREA

DESTINY BCP PROJECT AREA

Source of Basemap: NYSGIS Clearinghouse, USGS Topo
Locations on map are approximate.

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PROJ. MGR:	FRP
PROJ. NO.:	15209
PREPARED BY:	JCK
DRAFTED BY:	JCK
CHECKED BY:	
APPROVED BY:	
DATUM:	
CONTOUR INTERVAL =	FEET

0 250 500 1000 2000

1"=1000'

SITE 7

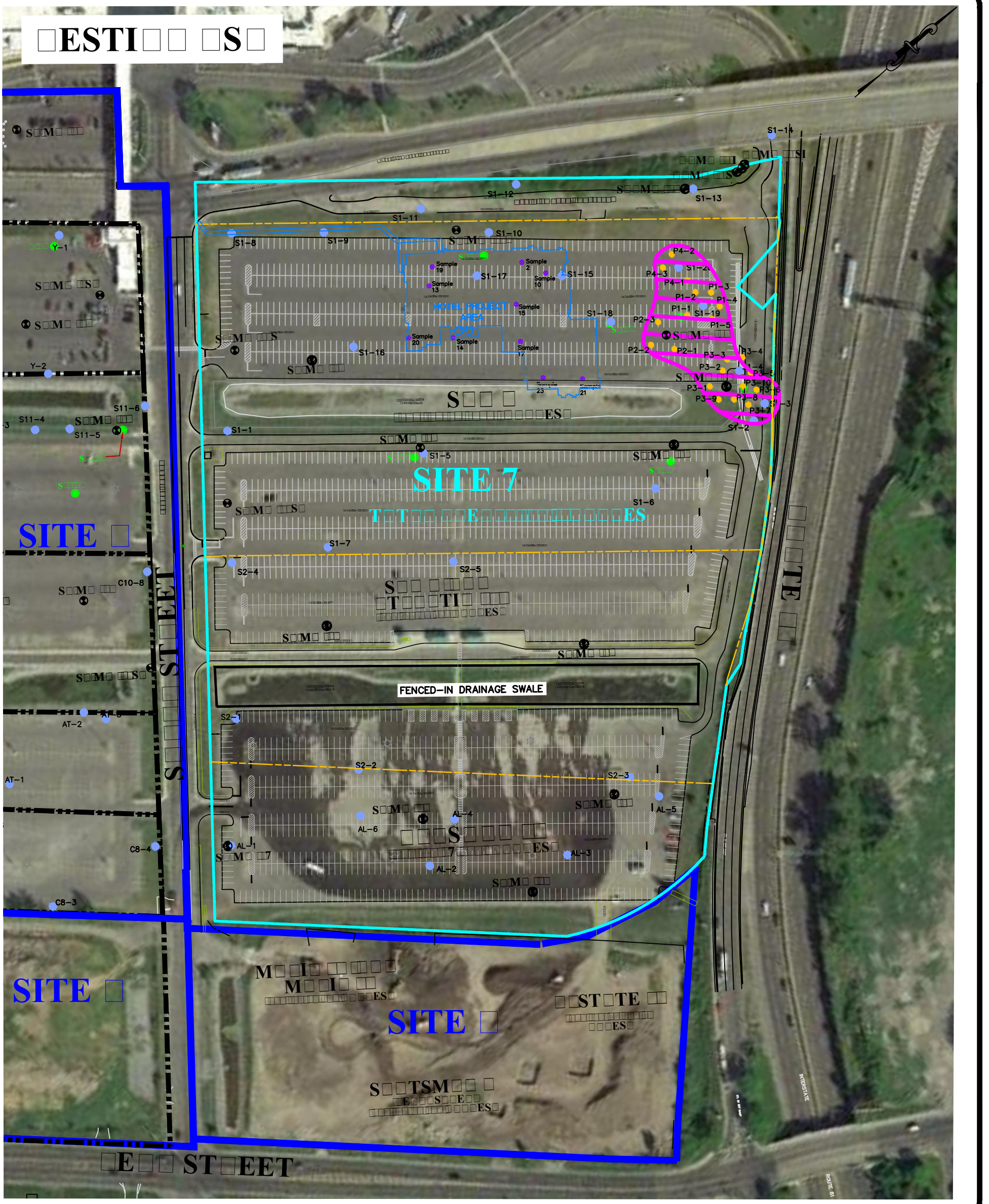
BCP PROJECT AREA

DESINTY USA

CITY OF SYRACUSE — ONONDAGA CO., NY

SPECTRA ENVIRONMENTAL GROUP, INC.
19 British American Blvd
Latham, N.Y. 12110

DATE: 3/17/2017	SCALE: 1"=1000'	DWG. NO. 15209G	FIGURE: 1



LEGEND

- DESTINY BCP SITE 7
- ADJACENT DESTINY BCP SITES
- CURRENT TAX PARCEL BOUNDARY
- MONITORING WELL
- SOIL BORINGS
- PRE-DESIGN BORING (JUNE 2016)
- HOTEL IN PLACE SOIL SAMPLE LOCATIONS
- VAPOR POINTS
- GENERAL AOC (PRE JUNE 2016 INVESTIGATION)

BASEMAP: 2017 AERIAL

PROJECT	
PROJ. MGR:	FRP
PROJ. NO.:	15209
PREPARED BY:	JCK
DRAFTED BY:	JCK
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APPROVED BY:	
DATUM:	
CONTOUR INTERVAL =	FEET

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1"=150'

SITE 7

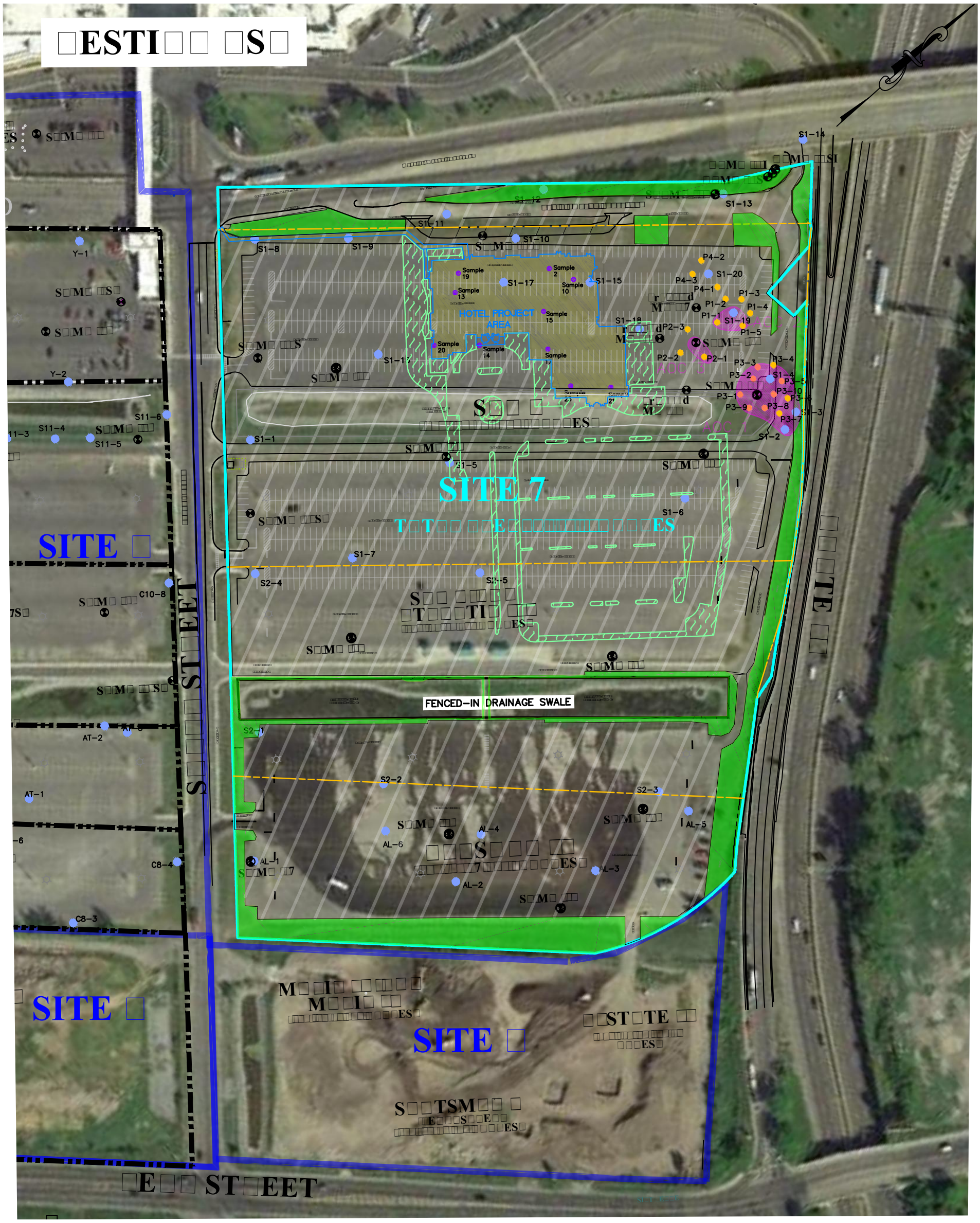
SITE PLAN

DESTINY USA

CITY OF SYRACUSE — ONONDAGA CO., NY

SPECTRA ENVIRONMENTAL GROUP, INC.
19 British American Blvd
Latham, N.Y. 12110

DATE: 5/11/17	SCALE: 1"=150'	DWG. NO. 15209G	FIGURE: 2



LEGEND

- DESTINY BCP SITE 7
- ADJACENT DESTINY BCP SITES
- CURRENT TAX PARCEL BOUNDARY
- MONITORING WELL
- SOIL BORINGS
- PRE-DESIGN BORING (JUNE 2016)
- HOTEL IN PLACE SOIL SAMPLE LOCATIONS
- VAPOR SYSTEM FOOTPRINT
- GENERAL ASPHALT CAP AREA
- GENERAL LANDSCAPE AREA – 2FT OF CLEAN FILL THAT MEETS RESTRICTED RESIDENTIAL SCOs
- APPROXIMATE GRASSY AREAS – 2FT OF CLEAN FILL THAT MEETS RESTRICTED RESIDENTIAL SCOs
- INJECTION AREA (POST JUNE 2016 INVESTIGATION)

BASEMAP: 2017 AERIAL

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PROJ. MGR:	FRP
PROJ. NO.:	15209
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1"=150'

SITE 7

SELECTED REMEDY

DESTINY USA

CITY OF SYRACUSE — ONONDAGA CO., NY

SPECTRA ENVIRONMENTAL GROUP, INC.
19 British American Blvd
Latham, N.Y. 12110

DATE:	SCALE:	DWG. NO.	FIGURE:
5/16/17	1"=150'	15209G	3

NEW YORK STATE | Department of Environmental Conservation

December 2017

FACT SHEET

Brownfield Cleanup Program

Receive Site Fact Sheets by *Email.* See "For More Information" to Learn How.

Site Name: Oil City/Carousel Center - Site 7
DEC Site #: C734135
Address: 311-71 Hiawatha Blvd. West
Syracuse, NY 13204

Have questions? See "Who to Contact" Below

NYSDEC Certifies Cleanup Requirements Achieved at Brownfield Site

The New York State Department of Environmental Conservation (NYSDEC) has determined that the cleanup requirements to address contamination related to the Oil City/Carousel Center - Site 7 site ("site") located at 311-71 Hiawatha Blvd. West, Syracuse, Onondaga County under New York State's Brownfield Cleanup Program have been or will be met. Please see the map for the site location.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's website at:

http://www.dec.ny.gov/cfmx/extapps/derexternal/haz/details.cfm?pageid=3&progno=C734135

The cleanup activities were performed by Destiny USA Land Company, LLC and Destiny USA Real Estate, LLC with oversight provided by NYSDEC. NYSDEC has approved a Final Engineering Report and issued a Certificate of Completion for the site. Copies of the Final Engineering Report and Notice of the Certificate of Completion are available at the location(s) identified below under "Where to Find Information."

Completion of Project

- A site cover was placed to allow for commercial use of the site. The site cover consists of either paved surface parking lots, drainage structures, concrete building slabs/walkways, and/or a one foot layer of clean fill meeting commercial use soil cleanup objectives (SCOs). In locations where the top one foot of soil didn't meet commercial SCOs, one foot of clean fill was placed over a demarcation layer.

- In-situ (in-place) treatment, by chemical oxidation (ISCO) was implemented to treat petroleum contamination in soil and groundwater in three Areas of Concern located on the northwestern side of the site (see Figure 2). Monitoring of the effectiveness of this treatment is ongoing.

- A Soil Vapor Mitigation System (SVMS) was installed below the hotel footprint to prevent the migration of vapors into the building from soil and groundwater.

- An environmental easement was placed on the property and a site management plan will be implemented which identifies all use restrictions and engineering controls for the site including provisions for a soil vapor intrusion evaluation for any future buildings developed on the site.

Final Engineering Report Approved

NYSDEC has approved the Final Engineering Report, which:

1) Describes the cleanup activities completed.

2) Certifies that cleanup requirements have been or will be achieved for the site.

3) Describes any institutional/engineering controls to be used. An *institutional control* is a non-physical restriction on use of the site, such as a deed restriction, when contamination left over after the cleanup action makes the site suitable for some, but not all uses. An *engineering control* is a physical barrier or method to manage contamination such as a cap or vapor barrier.

4) Certifies that a site management plan for any engineering controls used at the site has been approved by NYSDEC.

The following institutional controls have been or will be put in place on the site:

- Environmental Easement
- Site Management Plan
- Institutional Control/Engineering Control Plan
- Operation and Maintenance Plan
- Groundwater Use Restriction
- Land Use Restriction

The following engineering controls have been put in place on the site:

- Soil Cover
- Vapor Mitigation

Next Steps

With its receipt of a Certificate of Completion, the applicant is eligible to redevelop the site. In addition, the applicant:

- has no liability to the State for contamination at or coming from the site, subject to certain conditions; and
- is eligible for tax credits to offset the costs of performing cleanup activities and for redevelopment of the site.

A Certificate of Completion may be modified or revoked if, for example, there is a failure to comply with the terms of the order or agreement with NYSDEC

Site Description

The Oil City/Carousel Center Site 7 is located in an urban area of Onondaga County at 311-71 West Hiawatha Boulevard in the City of Syracuse in the northeastern portion of the lands generally referred to as “Oil City”, south of Hiawatha Boulevard. Site 7 is within the overall boundaries of the Destiny Brownfield Cleanup Program (BCP) Project Area and is bounded to the northwest by Hiawatha Blvd, to the northeast by RT 81, to the southeast by Destiny USA BCP Site 9 (C734137), and to the west by Solar Street. A site location map and site plan are attached as Figures 1 and 2.

The site consists of approximately 890,000 square-feet of paved auxiliary parking lots for the Destiny USA mall and a 45,000 square-foot hotel constructed in 2016-2017 on the SUN-1 parcel (see Figure 3). The site also contains one fenced-in stormwater drainage swale.

The site is zoned Class B industrial use by the City of Syracuse, which allows for most commercial uses. Land uses surrounding the site include a mix of commercial and retail with the Destiny USA mall complex located across Hiawatha Blvd to the west. The nearest residential area is adjacent to RT 81 to the north.

Brownfield Cleanup Program: New York's Brownfield Cleanup Program (BCP) encourages the voluntary cleanup of contaminated properties known as "brownfields" so that they can be reused and redeveloped. These uses include recreation, housing, business or other uses.

A brownfield site is any real property where a contaminant is present at levels exceeding the soil cleanup objectives or other health-based or environmental standards, criteria or guidance adopted by DEC that are applicable based on the reasonably anticipated use of the property, in accordance with applicable regulations.

For more information about the BCP, visit: http://www.dec.ny.gov/chemical/8450.html

FOR MORE INFORMATION

Where to Find Information

Project documents are available at the following locations to help the public stay informed.

Robert P. Kinchen Central Library
The Galleries of Syracuse
Syracuse, NY 13204-2494
phone: 315-435-1900
(reference@onlib.org)

NYSDEC Region 7
Attn: Karen Cahill
615 Erie Blvd West
Syracuse, NY 13204
phone: 315-426-7432

Who to Contact

Comments and questions are always welcome and should be directed as follows:

Project Related Questions
Karen Cahill
Department of Environmental Conservation
Division of Environmental Remediation
615 Erie Blvd W
Syracuse, NY 13204
315-426-7551
karen.cahill@dec.ny.gov

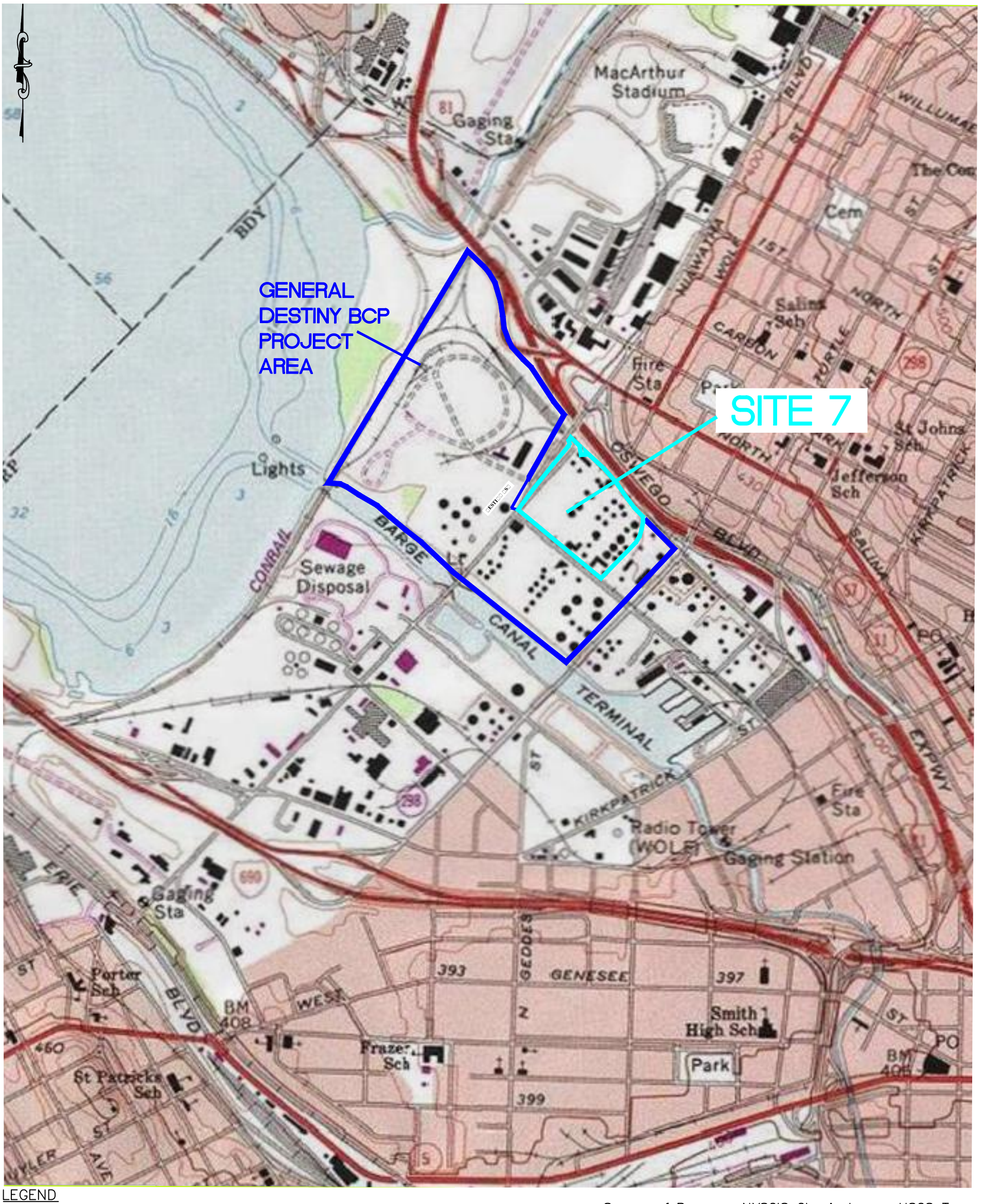
Site-Related Health Questions
Julia Kenney
New York State Department of Health
Bureau of Environmental Exposure Investigation
Empire State Plaza, Corning Tower Room 1787
Albany, NY 12237
518-402-7860
BEEI@health.ny.gov

We encourage you to share this fact sheet with neighbors and tenants, and/or post this fact sheet in a prominent area of your building for others to see.

Receive Site Fact Sheets by Email

Have site information such as this fact sheet sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page: http://www.dec.ny.gov/chemical/61092.html. It's quick, it's free, and it will help keep you *better informed*.

As a listserv member, you will periodically receive site-related information/announcements for all contaminated sites in the county(ies) you select.



LEGEND

GENERAL DESTINY BCP PROJECT AREA

DESTINY BCP PROJECT AREA

Source of Basemap: NYSGIS Clearinghouse, USGS Topo
Locations on map are approximate.

PROJECT	
PROJ. MGR:	FRP
PROJ. NO.:	15209
PREPARED BY:	JCK
DRAFTED BY:	JCK
CHECKED BY:	
APPROVED BY:	
DATUM:	
CONTOUR INTERVAL =	FEET

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1"=1000'

SITE 7

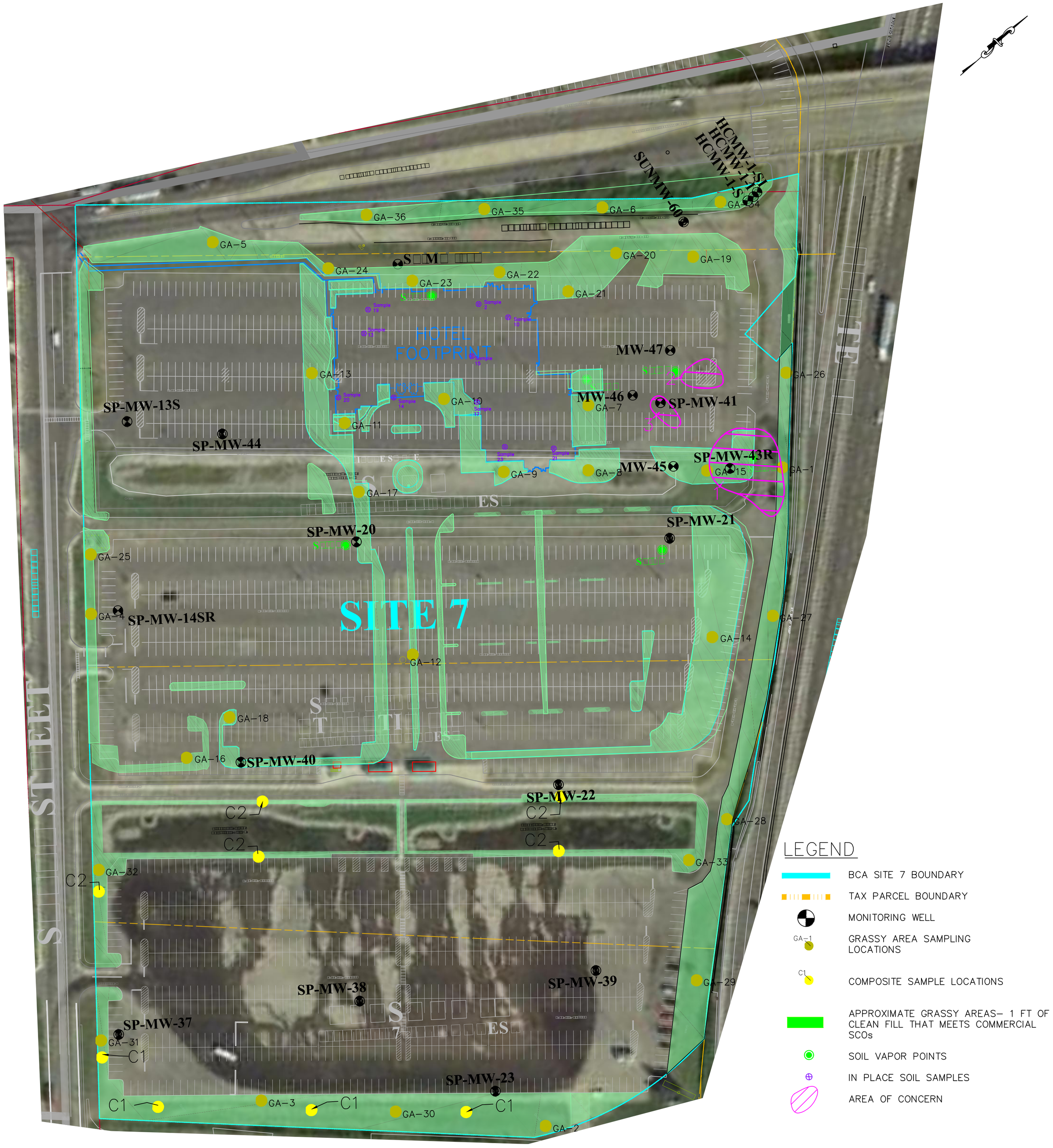
BCP PROJECT AREA

DESINTY USA

CITY OF SYRACUSE — ONONDAGA CO., NY

SPECTRA ENVIRONMENTAL GROUP, INC.
19 British American Blvd
Latham, N.Y. 12110

DATE: 3/17/2017	SCALE: 1"=1000'	DWG. NO. 15209G	FIGURE: 1



LEGEND

- BCA SITE 7 BOUNDARY
- TAX PARCEL BOUNDARY
- MONITORING WELL
- GA-1 — GRASSY AREA SAMPLING LOCATIONS
- C1 — COMPOSITE SAMPLE LOCATIONS
- APPROXIMATE GRASSY AREAS– 1 FT OF CLEAN FILL THAT MEETS COMMERCIAL SCOs
- SOIL VAPOR POINTS
- IN PLACE SOIL SAMPLES
- AREA OF CONCERN

NO.	DATE	RECORD OF WORK	DRN	CKD

PROJECT	
PROJ. MGR:	FRP
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PREPARED BY:	KAO
DRAFTED BY:	JCK
CHECKED BY:	
APPROVED BY:	
DATUM:	
CONTOUR INTERVAL =	FEET

0 20 40 80 160

1"=80'

SITE 7

SITE PLAN

DESTINY USA

CITY OF SYRACUSE — ONONDAGA CO., NY

SPECTRA ENVIRONMENTAL GROUP, INC.
19 British American Blvd
Latham, N.Y. 12110

DATE:	8/10/17	SCALE:	1"=80'	DWG. NO.	15209I	FIGURE:	2

LEGEND

APPROXIMATE BCA SITE 7 BOUNDARY

NO.	DATE	RECORD OF WORK	DRN	CKD

PROJECT	
PROJ. MGR:	FRP
PROJ. NO.:	15209
PREPARED BY:	KAO
DRAFTED BY:	JCK
CHECKED BY:	
APPROVED BY:	
DATUM:	
CONTOUR INTERVAL =	FEET

0

NTS

SITE 7

HOTEL AND AUXILIARY PARKING LOTS

DESTINY USA

CITY OF SYRACUSE — ONONDAGA CO., NY

SPECTRA ENVIRONMENTAL GROUP, INC.
19 British American Blvd
Latham, N.Y. 12110

DATE:	8/10/17	SCALE:NOT TO SCALE	DWG. NO.	15209I	FIGURE:	3

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Office of the Director
625 Broadway, 12th Floor, Albany, New York 12233-7011
P: (518) 402-9706 | F: (518) 402-9020
www.dec.ny.gov

Bruce Kenan
Destiny USA Land Company, LLC
311-71 Hiawatha Blvd. West
Syracuse, New York 13204

DEC 27 2017

Re: Certificate of Completion
Site No. C734135
Site: Oil City/Carousel Center – Site 7
City of Syracuse, Onondaga County

Dear Mr. Kenan:

Congratulations on having satisfactorily completed the remedial program at the Oil City/Carousel Center – Site 7. Enclosed please find an original, signed Certificate of Completion (COC). The New York State Department of Environmental Conservation (Department) is pleased to inform you that the Final Engineering Report is hereby approved, allowing the COC to be issued for the above-referenced site.

Please note that you are required to perform the following tasks:

- If you are the site owner, you must record a notice of the COC in the recording office for the county (or counties) where any portion of the site is located within 30 days of issuance of the COC; or if you are a prospective purchaser of the site, you must record a notice of the COC within 30 days of the date that you acquire the site. A copy of the recorded notice should be provided to the Department's project manager. If you are a non-owner, you must work with the owner to assure the notice of COC is recorded within the time frame specified. A standard notice form is attached to this letter.

Please return the proof of recording to:

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

- Provide the notice of the COC to the Document Repositories within 10 days of issuance of the COC. The Department will develop a fact sheet announcing the issuance of the COC and describing the institutional and engineering controls (IC/ECs), if any, that are required at the site and distribute it to the County Listserv within 10 days;

- Implement the Department-approved Site Management Plan (SMP) which details the activities necessary to assure the performance, effectiveness, and protectiveness of the remedial program; and you must report the results of these activities to the Department in a Periodic Review Report (PRR) which also includes any required IC/EC Certifications. The site IC/ECs are identified on the attached Site Management Form. The first PRR including the certification of the IC/ECs is due to the Department in April 2019.

If you have any questions regarding any of these items, please contact Karen Cahill at 315-426-7432.

Sincerely,

Michael J. Ryan, P.E.
Assistant Division Director
Division of Environmental Remediation

ec w/ enclosure:
K. Cahill
M. Sheen
B. Kenan, Destiny USA bkenan@destinyusa.com
D. Aitken, Destiny USA daitken@destinyusa.com
S. Pinto, Pyramid stevepinto@pyramidmg.com
R. LaFleur, JMT rclafleur@jmt.com
F. Peduto, JMT fpeduto@jmt.com
G. Faucher, Whiteman, Osterman and Hanna gfaucher@woh.com

NYSDEC BROWNFIELD CLEANUP PROGRAM (BCP)

CERTIFICATE OF COMPLETION

Name
Destiny USA Land Company, LLC
Destiny USA Real Estate, LLC

Address
4 Clinton Square, Syracuse, NY 13202
Destiny USA Real Estate, LLC, Syracuse, NY 13202

BROWNFIELD CLEANUP AGREEMENT:
Application Approval: 6/28/05 **Agreement Execution:** 6/28/05 **Agreement Index No.:**C734135-06-28

Application Approval Amendment: 10/27/16
Application Approval Amendment: 3/28/17

Agreement Execution Amendment: 10/27/16
Agreement Execution Amendment: 3/28/17

SITE INFORMATION:
Site No.: C734135 **Site Name:** Oil City/Carousel Center - Site 7
Site Owner: Destiny USA Land Company, LLC
Destiny USA Real Estate, LLC
Street Address: 311-71 Hiawatha Blvd. West
Municipality: Syracuse **County:** Onondaga **DEC Region:** 7
Site Size: 22.843 Acres
Tax Map Identification Number(s): 116.-02-01.0, 116.-02-07.0, 116.-02-08.1
Percentage of site located in an EnZone: 0 - 49 %

A description of the property subject to this Certificate is attached as Exhibit A and a site survey is attached as Exhibit B.

CERTIFICATE ISSUANCE
This Certificate of Completion, hereinafter referred to as the "Certificate," is issued pursuant to Article 27, Title 14 of the New York State Environmental Conservation Law ("ECL").

This Certificate has been issued upon satisfaction of the Commissioner, following review by the Department of the final engineering report and data submitted pursuant to the Brownfield Site Cleanup Agreement, as well as any other relevant information regarding the Site, that the applicable remediation requirements set forth in the ECL have been or will be achieved in accordance with the time frames, if any, established in the remedial work plan.

The remedial program for the Site has achieved a cleanup level that would be consistent with the following categories of uses (actual site use is subject to local zoning requirements):

Allowable Uses under the BCP: Commercial and Industrial
Cleanup Track: Track 4: Restricted use with site-specific soil cleanup objectives

Tax Credit Provisions for Entities Taxable Under Article 9, 9-A, 32, and 33:
Site Preparation and On-Site Groundwater Remediation Credit Component Rate is 12 %.
Tangible Property Credit Component Rate is 12 %.

Tax Credit Provisions for Entities Taxable Under Article 22 & S Corporations:
Site Preparation and On-Site Groundwater Remediation Credit Component Rate is 10 %.
Tangible Property Credit Component Rate is 10 %.

The Remedial Program includes use restrictions or reliance on the long term employment of institutional or engineering controls which are contained in the approved Site Management Plan and an Environmental Easemer granted pursuant to ECL Article 71, Title 36 which has been duly recorded in the Recording Office for Onondag County as 2017-00029391.

LIABILITY LIMITATION

Upon issuance of this Certificate of Completion, and subject to the terms and conditions set forth herein, the Certificate holder(s) shall be entitled to the liability limitation provided in ECL Section 27-1421. The liability limitation shall run with the land, extending to the Certificate holder's successors or assigns through acquisition of title to the Site and to a person who develops or otherwise occupies the Site, subject to certain limitations as set forth in ECL Section 27-1421. The liability limitation shall be subject to all rights reserved to the State by ECL Section 27-1421.2 and any other applicable provision of law.

CERTIFICATE TRANSFERABILITY

This Certificate may be transferred to the Certificate holder's successors or assigns upon transfer or sale of the Site as provided by ECL Section 27-1419.5 and 6NYCRR Part 375-1.9.

CERTIFICATE MODIFICATION/REVOCATION

This Certificate of Completion may be modified or revoked by the Commissioner following notice and an opportunity for a hearing in accordance with ECL Section 27-1419 and 6NYCRR Part 375-1.9(e) upon a finding that:

(1) either the Applicant or the Applicant's successors or assigns have failed to comply with the terms and conditions of the Brownfield Site Cleanup Agreement;

(2) the Applicant made a misrepresentation of a material fact tending to demonstrate that it was qualified as a Volunteer;

(3) either the Applicant or the Applicant's successors or assigns made a misrepresentation of a material fact tending to demonstrate that the cleanup levels identified in the Brownfield Site Cleanup Agreement were reached;

(4) there is good cause for such modification or revocation;

(5) either the Applicant or the Applicant's successors or assigns failed to manage the controls or monitoring in full compliance with the terms of the remedial program;

(6) the terms and conditions of the environmental easement have been intentionally violated or found to be not protective or enforceable.

The Certificate holder(s) (including its successors or assigns) shall have thirty (30) days within which to cure any deficiency or to seek a hearing. If the deficiency is not cured or a request for a hearing is not received within such 30-day period, the Certificate shall be deemed modified or vacated on the 31st day after the Department's notice.

Basil Seggos
Commissioner
New York State Department of Environmental Conservation

By: _____ Date: 12/27/17

Michael J. Ryan, P.E., Assistant Division Director
Division of Environmental Remediation

NOTICE OF CERTIFICATE OF COMPLETION
Brownfield Cleanup Program
6 NYCRR Part 375-1.9(d)

Oil City/Carousel Center – Site 7, Site ID No. C734135
311-71 Hiawatha Blvd. West, Syracuse, NY 13204
City of Syracuse, Onondaga County, Tax Map Identification Numbers 116.-02-01.0, 116.-02-07.0, 116.-02-08.1

PLEASE TAKE NOTICE, the New York State Department of Environmental Conservation (Department) has issued a Certificate of Completion (Certificate) pursuant to Article 27, Title 14 of the New York State Environmental Conservation Law (ECL) to Oil City/Carousel Center – Site 7 for a parcel approximately 22.8 acres located at 311-71 Hiawatha Blvd. West in the City of Syracuse, Onondaga County.

PLEASE TAKE NOTICE, the Certificate was issued upon satisfaction of the Commissioner, following review by the Department of the final engineering report and data submitted pursuant to the Brownfield Site Cleanup Agreement, as well as any other relevant information regarding the Site, that the remediation requirements set forth in ECL Article 27, Title 14 have been or will be achieved in accordance with the time frames, if any, established in the remedial work plan.

PLEASE TAKE NOTICE, the remedial program for the Site has achieved a cleanup level that would be consistent with the following categories of uses (actual site use is subject to local zoning requirements):

- ☐ Unrestricted Use, as set forth in 6 NYCRR 375-1.8(g)(1)i
- ☐ Residential Use, as set forth in 6 NYCRR 375-1.8(g)(2)i.
- ☐ Restricted Residential Use, as set forth in 6 NYCRR 375-1.8(g)(2)ii.
- ☒ Commercial Use, as set forth in 6 NYCRR 375-1.8(g)(2)iii.
- ☒ Industrial Use, as set forth in 6 NYCRR 375-1.8(g)(2)iv.

Further, the use of groundwater is restricted and may not be used, unless treated in accordance with the requirements provided by the New York State Department of Health, or a local County Health Department with jurisdiction in such matters and such is approved by the Department as not inconsistent with the remedy.

PLEASE TAKE NOTICE, since the remedial program relies upon use restrictions or the long term employment of institutional or engineering controls; such institutional or engineering controls are contained in an Environmental Easement granted pursuant to ECL Article 71, Title 36 which has been duly recorded in the Recording Office for Onondaga County as 2017-00029391.

PLEASE TAKE NOTICE, the Environmental Easement requires that the approved site management plan (SMP) for this property be adhered to. The SMP, which may be amended from time to time, may include sampling, monitoring, and/or operating a treatment system on the property, providing certified reports to the NYSDEC, and generally provides for the management of any and all plans and limitations on the property. A copy of the SMP is available upon request by writing to the Department's Division of Environmental Remediation, Site Control Section, 625 Broadway, Albany, New York 12233.

PLEASE TAKE NOTICE, provided that the Environmental Easement, SMP and Certificate are complied with, the Certificate holder(s) shall be entitled to the liability limitation provided in ECL Section 27-1421. The liability limitation shall run with the land, extending to the Certificate holder's successors or assigns through acquisition of title to the Site and to a person who develops or otherwise occupies the Site, subject to certain limitations as set forth in ECL Section 27-1421. The liability

limitation shall be subject to all rights reserved to the State by ECL Section 27-1421.2 and any other applicable provision of law.

PLEASE TAKE NOTICE, any change of use of the site, as defined in 6 NYCRR 375, must be preceded by notice to the Department in accordance with 6 NYCRR 375-1.11(d). A transfer of any or all of the property constitutes a change of use.

PLEASE TAKE NOTICE, the Certificate may be revoked if the Environmental Easement as implemented, if applicable, is not protective or enforceable.

PLEASE TAKE NOTICE, the Certificate may entitle the Certificate holder(s) to tax credits in accordance with Tax Law Sections 21, 22 and 23.

PLEASE TAKE NOTICE, the Certificate may only be transferred to the Certificate holder's successors or assigns upon transfer or sale of the Site as provided by ECL Section 27-1419.5 and 6 NYCRR Part 375-1.9. Failure to comply with the regulatory requirements for transfer **WILL** bar the successors and assigns from the benefits of the Certificate.

PLEASE TAKE NOTICE, the Certificate may be modified or revoked by the Commissioner as set forth in the applicable regulations.

PLEASE TAKE NOTICE, a copy of the Certificate can be reviewed at the NYSDEC's Region 7 located at 615 Erie Boulevard West Syracuse, New York 13204, by contacting the Regional Environmental Remediation Engineer.

WHEREFORE, the undersigned has signed this Notice of Certificate

Destiny USA Land Company, LLC
Destiny USA Real Estate, LLC

By: _____

Title: _____

Date: _____

STATE OF NEW YORK) SS:
COUNTY OF)

On the _____ day of _____, in the year 20__, before me, the undersigned, personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Signature and Office of individual
taking acknowledgment

Please record and return to:
Destiny USA Land Company, LLC
Destiny USA Real Estate, LLC
4 Clinton Square
Syracuse, NY 13202

Exhibit A

Site Description

SCHEDULE "A" PROPERTY DESCRIPTION

LEGAL DESCRIPTION
Brownfield Cleanup Program
Oil City/Carousel Center – Site 7
DEC Site#: C734135

All that certain tract, piece or parcel of land, situate in the City of Syracuse, County of Onondaga, State of New York, lying generally northeasterly of Solar Street and generally southeasterly of West Hiawatha Boulevard and being more particularly bounded and described as follows:

BEGINNING at the point of intersection with the northeasterly margin of Solar Street with the division line between the lands now or formerly of the City of Syracuse Industrial Development Agency (S.I.D.A.) as described in Book 5029 of Deeds at Page 571 on the southeast and the lands now or formerly of Destiny USA Land Company, LLC as described as Parcel G in Book 5243 of Deeds at Page 376 on the northwest;

Thence North 50 deg. 26 min. 30 West, along the northeasterly margin of Solar Street and its prolongation thereof, 1,160.29 feet to its intersection with the former northwesterly street margin of Old Hiawatha Boulevard;

Thence along the former northwesterly margin of Old Hiawatha Boulevard and the former northwesterly margin of Free Street, in part by each, the following two (2) courses and distances:
1) North 40 deg. 26 min. 20 East, 783.55 feet to a point; and
2) North 28 deg. 12 min. 26 East, 138.95 feet to the southwest corner of lands of the People of the State of New York as shown on Appropriation Map 1400 Parcel 1830;

Thence along the southwesterly line of Map 1400 Parcel 1830 the following three (3) courses and distances:
1) South 47 deg. 08 min. 19 East, 95.53 feet to a point; thence
2) South 61 deg. 46 min. 31 East, 7.16 feet to a point; and
3) South 42 deg. 33 min. 21 sec. East, 28.25 feet to its intersection with the division line between the lands now or formerly of Destiny USA Real Estate, LLC as described in Book 5376 of Deeds at Page 767 on the southwest and the lands now or formerly of the City of Syracuse (reputed owner) known as #301 Hiawatha Boulevard West Rear having City of Syracuse Tax Parcel Number 116.00-02-02 on the northeast;

Thence along Said division line the following three (3) courses and distances:

1) South 07 deg. 51 min. 23 East, 96.80 feet to a point; thence

2) North 82 deg. 08 min. 37 East, 52.80 feet to a point; and
3) North 07 deg. 51 min. 23 sec. West, 31.00 feet to its intersection with the southwesterly line of lands of the People of the State of New York as shown on Appropriation Map 1400 Parcel 1830;

Thence along the southwesterly line of Map 1400 Parcel 1830 the following twelve (12) courses and distances:

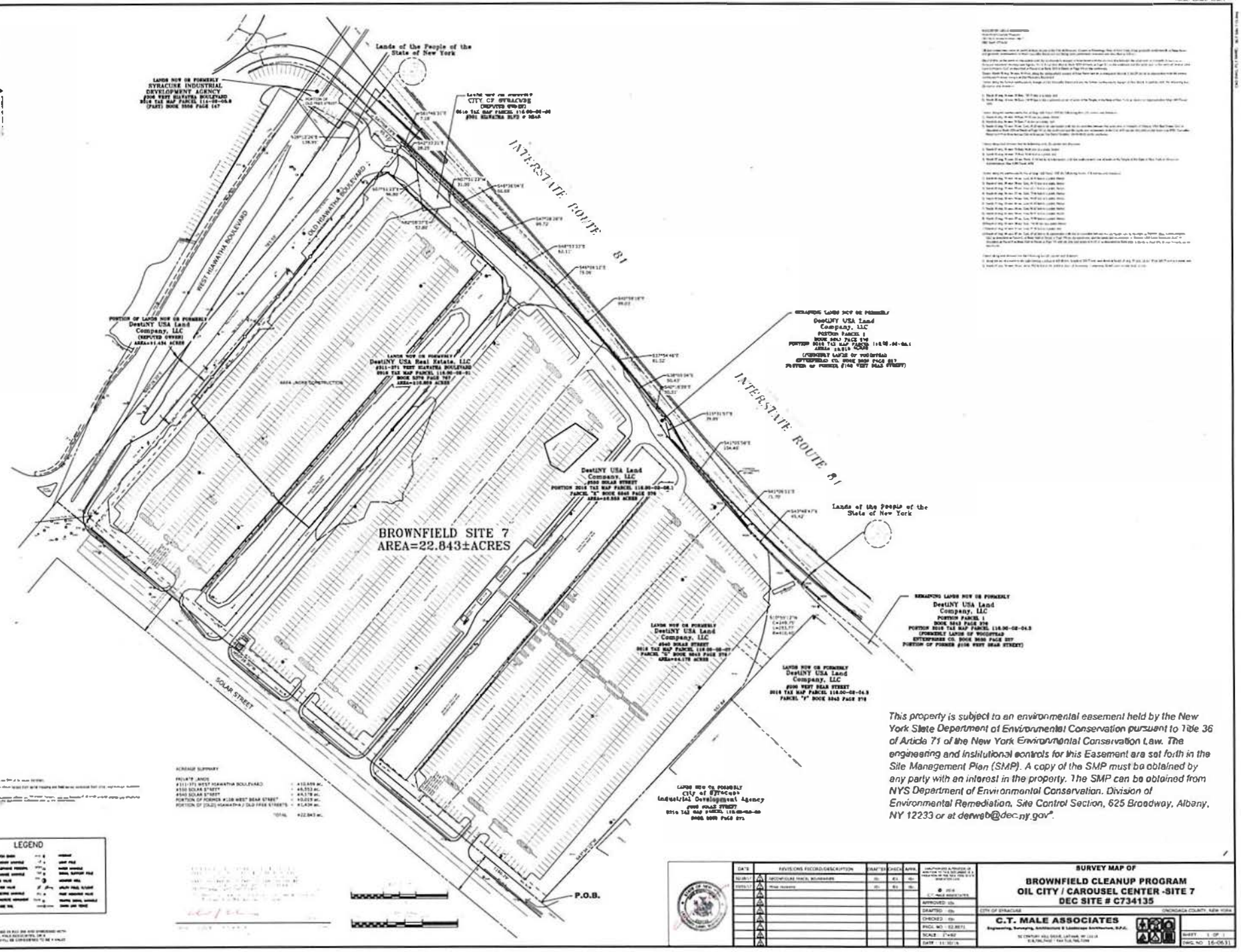
1) South 46 deg. 36 min. 04 sec. East, 66.69 feet to a point; thence
2) South 47 deg. 28 min. 28 sec. East, 99.72 feet to a point; thence
3) South 48 deg. 53 min. 33 sec. East, 62.11 feet to a point; thence
4) South 46 deg. 06 min. 12 sec. East, 75.06 feet to a point; thence
5) South 40 deg. 59 min. 18 sec. East, 99.03 feet to a point; thence
6) South 37 deg. 54 min. 46 sec. East, 81.52 feet to a point; thence
7) South 38 deg. 05 min. 04 sec. East, 50.43 feet to a point; thence
8) South 40 deg. 16 min. 09 sec. East, 50.31 feet to a point; thence
9) South 15 deg. 31 min. 57 sec. East, 39.89 feet to a point; thence
10) South 41 deg. 05 min. 58 sec. East, 154.40 feet to a point; thence
11) South 41 deg. 06 min. 11 sec. East, 71.70 feet to a point; and
12) South 43 deg. 48 min. 47 sec. East, 45.42 feet to its intersection with the division line between the said lands now or formerly of Destiny USA Land Company, LLC as described as Parcel G in Book 5243 of Deeds at Page 376 on the northwest, and the lands now or formerly of Destiny USA Land Company, LLC as described as Parcel F in Book 5243 of Deeds at Page 376 and the first said lands of S.I.D.A. as described in Book 5029 of Deeds at Page 571, in part by each, on the southwest;

Thence along said division line the following two (2) courses and distances:
1) along the arc of a curve to the right having a radius of 410.40 feet, length of 253.77 feet, and chord of South 10 deg. 55 min. 12 sec. West 249.75 feet to a point; and
2) South 43 deg. 34 min. 10 sec. West, 552.84 feet to the point or place of beginning.

Containing 22.843 acres of land more or less.

Exhibit B

Site Survey



This property is subject to an environmental easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the New York Environmental Conservation Law. The engineering and institutional controls for this Easement are set forth in the Site Management Plan (SMP). A copy of the SMP must be obtained by any party with an interest in the property. The SMP can be obtained from NYS Department of Environmental Conservation, Division of Environmental Remediation, Site Control Section, 625 Broadway, Albany, NY 12233 or at derweb@dec.ny.gov.

SURVEY MAP OF
BROWNFIELD CLEANUP PROGRAM
OIL CITY / CAROUSEL CENTER -SITE 7
DEC SITE # C734135

CITY OF SYRACUSE, ONONDAGA COUNTY, NEW YORK

C.T. MALE ASSOCIATES
Engineering, Surveying, Architecture & Landscape Architecture, D.P.C.
50 CENTURY HILL DRIVE, LATHAM, NY 12110
T: 518.786.7400 • F: 518.786.7299

SHEET 1 OF 1
DWG. NO. 16-0631

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Form
12/15/2017

SITE DESCRIPTION

SITE NO. **C734135**

SITE NAME Oil City/Carousel Center - Site 7

SITE ADDRESS: 311-71 Hiawatha Blvd. West ZIP CODE: 13204

CITY/TOWN: Syracuse

COUNTY: Onondaga

ALLOWABLE USE: Commercial and Industrial

SITE MANAGEMENT DESCRIPTION

SITE MANAGEMENT PLAN INCLUDES:	YES	NO
IC/EC Certification Plan	■	□
Monitoring Plan	■	□
Operation and Maintenance (O&M) Plan	■	□

Periodic Review Frequency: once a year

Periodic Review Report Submitted Date: 04/29/2019

Description of Institutional Control

Destiny USA Land Company LLC
4 Clinton Square
540 Solar Street
Environmental Easement
Block: 02
Lot: 7
Sublot:
Section: 116
Subsection:
S_B_L Image: 116.-02-07.0
Ground Water Use Restriction
IC/EC Plan
Monitoring Plan
O&M Plan
Site Management Plan
Soil Management Plan

550 Solar Street
Environmental Easement
Block: 02
Lot: 8
Sublot:
Section: 116
Subsection:
S_B_L Image: 116.-02-08.1
Ground Water Use Restriction
IC/EC Plan
Landuse Restriction
Monitoring Plan
O&M Plan
Site Management Plan
Soil Management Plan

Destiny USA Real Estate LLC
4 Clinton Square
311-71 Hiawatha Boulevard
Environmental Easement
Block: 02
Lot: 01
Sublot:
Section: 116
Subsection:
S_B_L Image: 116.-02-01.0
Ground Water Use Restriction
IC/EC Plan
Landuse Restriction
Monitoring Plan
O&M Plan
Site Management Plan
Soil Management Plan

Description of Engineering Control

Destiny USA Land Company LLC
4 Clinton Square
540 Solar Street
Environmental Easement
Block: 02
Lot: 7
Sublot:
Section: 116
Subsection:
S_B_L Image: 116.-02-07.0
Cover System

Vapor Mitigation

550 Solar Street
Environmental Easement
Block: 02
Lot: 8
Sublot:
Section: 116
Subsection:
S_B_L Image: 116.-02-08.1
Cover System

Fencing/Access Control

Vapor Mitigation

Destiny USA Real Estate LLC
4 Clinton Square
311-71 Hiawatha Boulevard W &
Environmental Easement
Block: 02
Lot: 01
Sublot:
Section: 116
Subsection:
S_B_L Image: 116.-02-01.0
Cover System

Vapor Mitigation

APPENDIX B

ENGINEERING CONTROLS AS-BUILT DRAWINGS

NO.	DATE	RECORD OF WORK	DRN	CKD

PROJECT	
PROJ. MGR:	FRP
PROJ. NO.:	15209
PREPARED BY:	KAO
DRAFTED BY:	KAO
CHECKED BY:	JCK
APPROVED BY:	FP
DATUM:	
CONTOUR INTERVAL =	FEET

0 20 40 80 160

1"=80'

SITE 7

SITE WIDE COVER SYSTEM PLAN

DESTINY USA

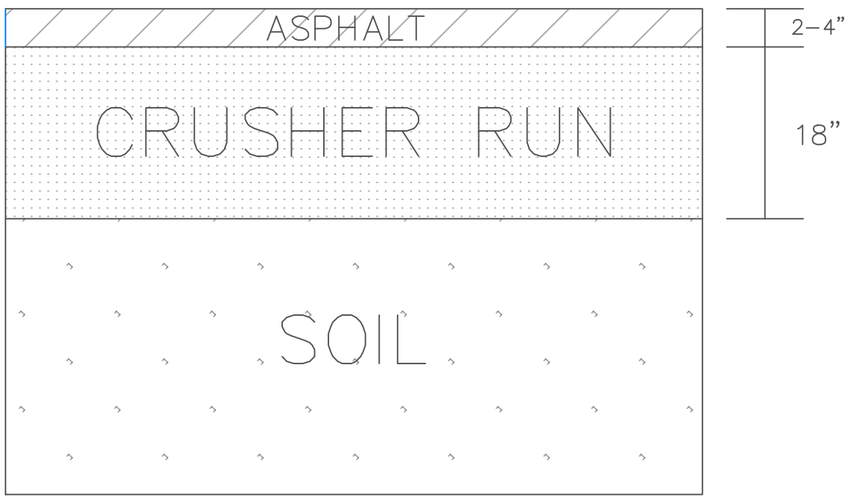
CITY OF SYRACUSE ONONDAGA CO., NY

SPECTRA ENVIRONMENTAL GROUP, INC.
19 British American Blvd
Latham, N.Y. 12110

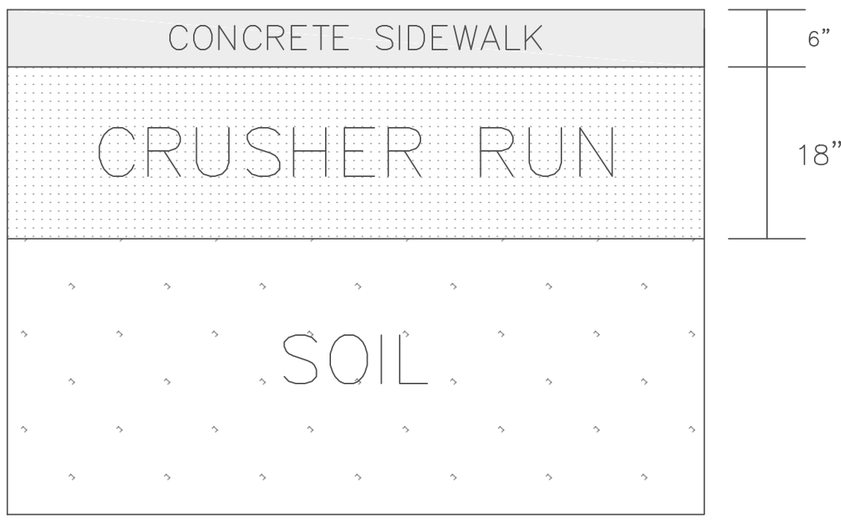
DATE:	12/14/17	SCALE:	1"=80'	DWG. NO.	15209J	FIGURE:	8

TYPICAL SOIL COVER

HOTEL SLAB BARRIER



TYPICAL ASPHALT COVER



TYPICAL CONCRETE COVER

LEGEND

- SOIL
- CRUSHER RUN
- ASPHALT
- CLEAN FILL
- PERMEABLE LAYER
- CONCRETE FLOOR SLAB
- CONCRETE SIDEWALK

NO.	DATE	RECORD OF WORK	DRN	CKD

PROJECT

PROJ. MGR:	FRP
PROJ. NO.:	15209
PREPARED BY:	KAO
DRAFTED BY:	KAO
CHECKED BY:	JCK
APPROVED BY:	
DATUM:	
CONTOUR INTERVAL =	FEET

0

AS SHOWN

SITE 7

Typical Cover Detail For All Cover Types

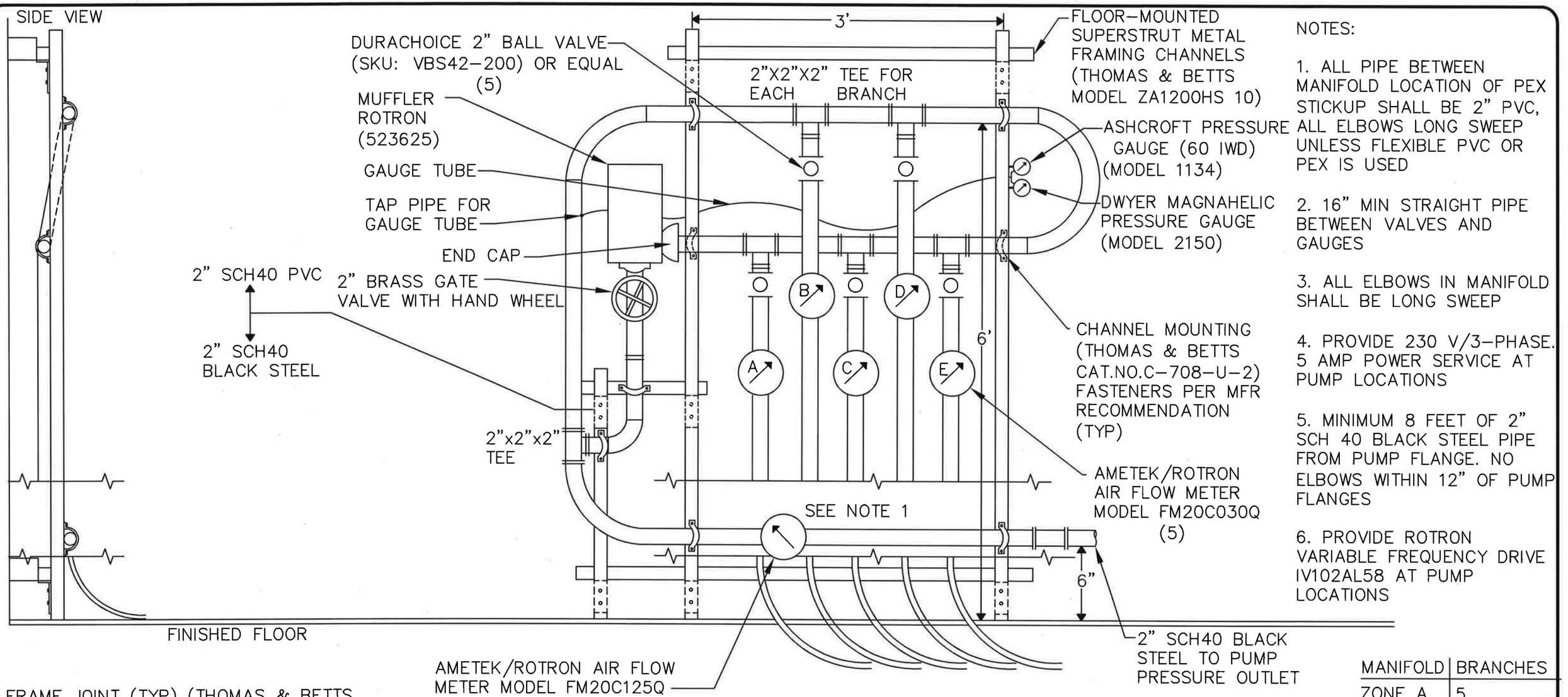
DESTINY USA

CITY OF SYRACUSE ONONDAGA CO., NY

SPECTRA ENVIRONMENTAL GROUP, INC.
19 British American Blvd
Latham, N.Y. 12110

DATE: 8/10/2017 | SCALE: AS SHOWN | DWG. NO. 15209J | FIGURE: 9

SIDE VIEW



NOTES:

1. ALL PIPE BETWEEN MANIFOLD LOCATION OF PEX STICKUP SHALL BE 2" PVC, ALL ELBOWS LONG SWEEP UNLESS FLEXIBLE PVC OR PEX IS USED

2. 16" MIN STRAIGHT PIPE BETWEEN VALVES AND GAUGES

3. ALL ELBOWS IN MANIFOLD SHALL BE LONG SWEEP

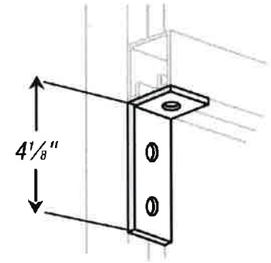
4. PROVIDE 230 V/3-PHASE. 5 AMP POWER SERVICE AT PUMP LOCATIONS

5. MINIMUM 8 FEET OF 2" SCH 40 BLACK STEEL PIPE FROM PUMP FLANGE. NO ELBOWS WITHIN 12" OF PUMP FLANGES

6. PROVIDE ROTRON VARIABLE FREQUENCY DRIVE IV102AL58 AT PUMP LOCATIONS

MANIFOLD	BRANCHES
ZONE A	5
ZONE B	6

FRAME JOINT (TYP) (THOMAS & BETTS CAT. NO. AB203) FASTENERS PER MFR RECOMMENDATION
TYPICAL FRAMING JOINT



CAT. NO. AB203

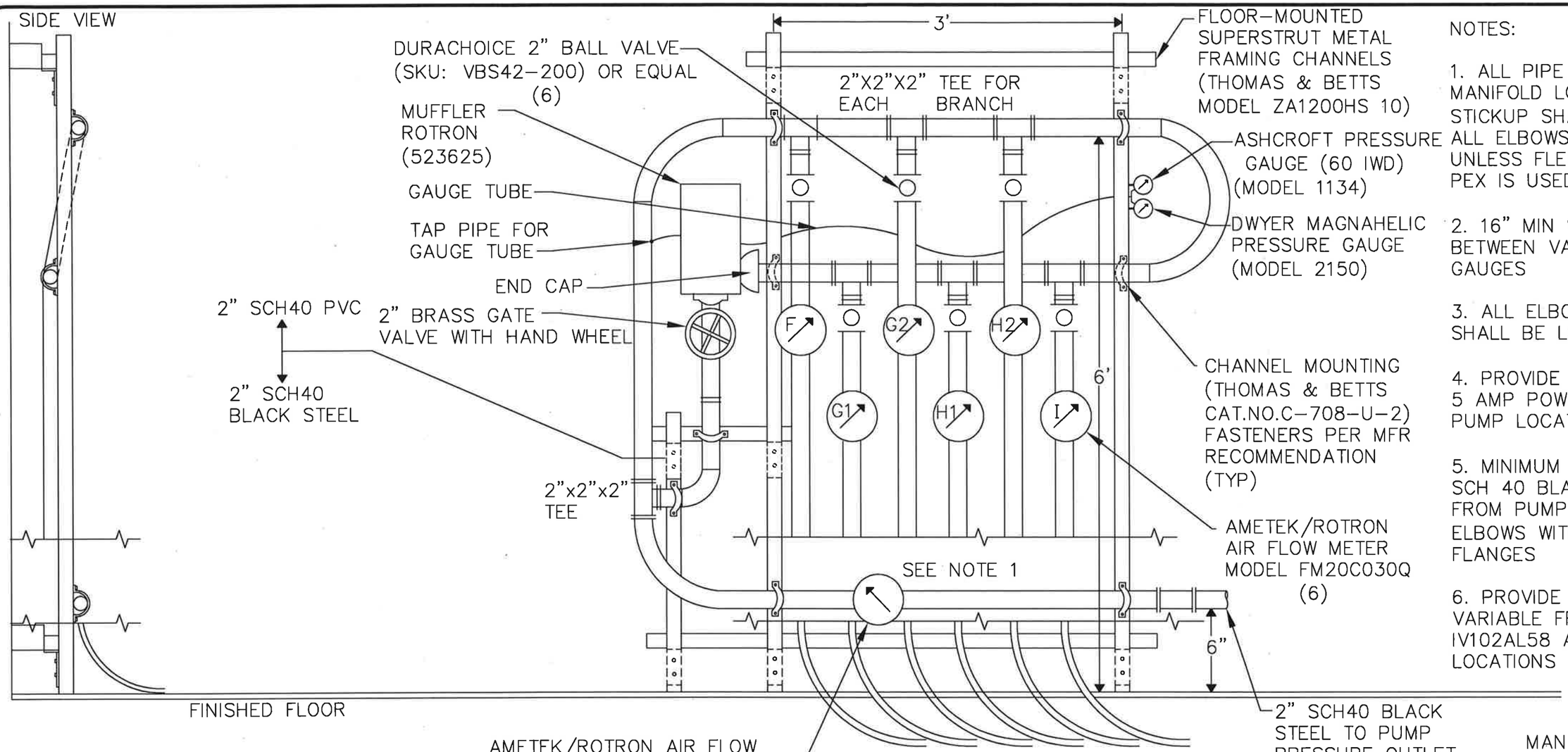
NO.	DATE	RECORD OF WORK	DRN	CKD	APPR
1	11/2/16	CHANGES INCORPORATED TO REDUCE WIDTH			
2	7/31/17	ADD MAGNAHELIC GAUGE			

PROJECT	
PROJ. ENGR.:	PMA
PROJ. NO.:	15209
PREPARED BY:	APC
DRAFTED BY:	APC
CHECKED BY:	PMA
APPROVED BY:	
DATUM:	
CONTOUR INTERVAL:	

AS-BUILT
MANIFOLD A
DESTINY USA REAL ESTATE,LLC
SITE 7
SYRACUSE NEW YORK

SPECTRA ENVIRONMENTAL GROUP, INC.
19 British American Blvd.
Latham, NY 12110

DATE: 7/31/17	SCALE:	DWG: EMBASSY	FIGURE 6



NOTES:

1. ALL PIPE BETWEEN MANIFOLD LOCATION OF PEX STICKUP SHALL BE 2" PVC, ALL ELBOWS LONG SWEEP UNLESS FLEXIBLE PVC OR PEX IS USED

2. 16" MIN STRAIGHT PIPE BETWEEN VALVES AND GAUGES

3. ALL ELBOWS IN MANIFOLD SHALL BE LONG SWEEP

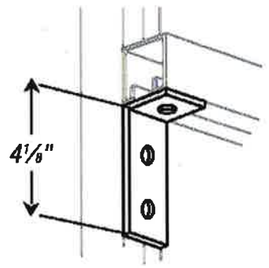
4. PROVIDE 230 V/3-PHASE. 5 AMP POWER SERVICE AT PUMP LOCATIONS

5. MINIMUM 8 FEET OF 2" SCH 40 BLACK STEEL PIPE FROM PUMP FLANGE. NO ELBOWS WITHIN 12" OF PUMP FLANGES

6. PROVIDE ROTRON VARIABLE FREQUENCY DRIVE IV102AL58 AT PUMP LOCATIONS

MANIFOLD	BRANCHES
ZONE A	5
ZONE B	6

FRAME JOINT (TYP) (THOMAS & BETTS CAT. NO. AB203) FASTENERS PER MFR RECOMMENDATION
TYPICAL FRAMING JOINT



CAT. NO. AB203

STATE OF NEW YORK FRANK C. PERUGINI No. 052723 LICENSED PROFESSIONAL ENGINEER

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209, SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

NO.	DATE	RECORD OF WORK	DRN	CKD	APPR
1	11/2/16	CHANGES INCORPORATED TO REDUCE WIDTH			
2	7/31/17	ADD MAGNAHELIC GAUGE			

PROJECT	
PROJ. ENGR.:	PMA
PROJ. NO.:	15209
PREPARED BY:	APC
DRAFTED BY:	APC
CHECKED BY:	PMA
APPROVED BY:	
DATUM:	
CONTOUR INTERVAL:	

AS-BUILT
MANIFOLD B

DESTINY USA REAL ESTATE, LLC

SITE 7

SYRACUSE NEW YORK

SPECTRA ENVIRONMENTAL GROUP, INC.
19 British American Blvd.
Latham, NY 12110

DATE:	7/31/17	SCALE:	DWG:	EMBASSY	FIGURE	7

APPENDIX C

VAPOR CONTROL SYSTEM MONITORING LOGS

EMBASSY SUITES VAPOR CONTROL SYSTEM MONITORING LOG

MANIFOLD A

Date	Manifold Pressure (IWG)	Manifold Flow (cfm)	ZONE FLOW (cfm) A	B	C	D	E	Comments
9-17-19	50	180	30+	22	24	18	17	
9-24-19	50	180	30+	22	24	18	17	
9-30-19	50	180	30+	22	24	18	17	
10-8-19	50	180	30+	22	24	18	17	
10-15-19	50	180	30+	22	24	18	17	
10-21-19	50	180	30+	22	24	18	17	
10-29-19	50	180	30+	22	24	18	17	
11-5-19	50	180	30+	22	24	18	17	
11-12-19	50	180	30+	22	24	18	17	
11-19-19	50	180	30+	22	24	18	17	
12-19-19	50	180	30+	22	24	18	17	
1-20-19	50	180	30+	22	24	18	17	
2-18-19	50	180	30+	23	24	18	17	
3-20-19	50	180	30+	23	24	18	17	
4-22-19	50	180	30+	23	24	18	17	
5-22-19	50	180	30+	23	24	18	17	
6-12-19	50	180	30+	23	24	18	17	
7-24-19	50	180	30+	23	24	18	17	
8-19-19	50	180	30+	23	24	18	17	
19-9-22	50	180	30+	23	24	18	17	
10-21-19	50	180	30+	23	24	18	17	
20-20	50	180	30+	23	24	18	17	
2-17-20	50	180	30+	23	24	18	17	
3-24-20	50	180	30+	23	24	18	17	
4-22-20	50	180	30+	23	24	18	17	

EMBASSY SUITES VAPOR CONTROL SYSTEM MONITORING LOG

MANIFOLD B

			ZONE FLOW (cfm)						
Date	Manifold Pressure (IWG)	Manifold Flow (cfm)	F	G1	G2	H1	H2	I	COMMENTS
9-24-18	35	135	19	14	16	14	14	11	
10-1-18	35	135	20	18	14	14	14	11	
10-8-18	35	135	20	18	14	14	14	11	
10-15-18	35	135	20	18	14	14	14	11	
10-22-18	35	135	20	18	14	14	14	11	
10-29-18	35	135	20	18	14	14	14	11	
11-5-18	35	135	20	18	14	14	14	11	
11-12-18	35	135	20	18	14	14	14	11	
11-19-18	35	135	20	18	14	14	14	11	
1-20-19	35	135	20	18	14	14	14	11	
2-18-19	35	135	20	18	14	14	14	11	
3-20-19	35	135	20	18	14	14	14	11	
4-22-19	35	135	20	18	14	14	14	11	
5-22-19	35	135	20	18	14	14	14	11	
7-24-19	35	135	21	19	13	14	14	11	
8-22-19	35	135	21	19	13	14	14	11	
9-24-19	35	135	21	19	13	14	14	11	
10-25-19	35	135	21	19	13	14	14	11	
11-26-19	35	135	21	19	13	14	14	11	
2-20-20	35	135	21	20	14	15	14	11	
2-17-20	35	135	21	20	14	15	14	11	
3-24-20	35	135	21	20	14	15	14	11	
4-22-20	35	135	22	20	14	15	14	11	

APPENDIX D

SOIL COVER AND CAP DISTURBANCE DOCUMENTATION AND MONITORING LOGS

MONTHLY SITE COVER SYSTEM INSPECTION REPORT

Month of APRIL 2019

1. Is there any evidence of cracks, settling, disturbance in the asphalt cover?

_____yes __✓__no

2. Is there any evidence of cracks, settling, soil disturbance in the soil cover (berms, side hills, etc)?

__✓__yes _____no

3. Is there any evidence of cracking, settling, disturbance near the monitoring wells?

_____yes __✓__no

4. If either 1, 2 or 3 are answered 'yes', state where and the condition:

SNOW PLOW DAMAGE TO OUTER GROUND COVER

5. Operation / Maintenance Action required:

_____yes __X__no

6. Describe Maintenance Action and Date Completed:

REPAIRS TO BE MADE WHEN WEATER ALLOWS.

(attach maintenance/repair report)

Name: ROBERT J. SCHOENECK

Signature: Robert Schoeneck

Date: 4/8/2019

MONTHLY SITE COVER SYSTEM INSPECTION REPORT

Month of MAY 2019

1. Is there any evidence of cracks, settling, disturbance in the asphalt cover?

_____yes ____✓____no

2. Is there any evidence of cracks, settling, soil disturbance in the soil cover (berms, side hills, etc)?

____✓____yes _____no

3. Is there any evidence of cracking, settling, disturbance near the monitoring wells?

_____yes ____✓____no

4. If either 1, 2 or 3 are answered 'yes', state where and the condition:

SNOW PLOW DAMAGE

5. Operation / Maintenance Action required:

_____yes ____✓____no

6. Describe Maintenance Action and Date Completed:

REPAIRS TO BE MADE WHEN WEATHER ALLOWS.

(attach maintenance/repair report)

Name: ROBERT J. SCHOENECK

Signature: Robert J. Schoeneck

Date: 5/13/2019

MONTHLY SITE COVER SYSTEM INSPECTION REPORT

Month of JUNE 2019

1. Is there any evidence of cracks, settling, disturbance in the asphalt cover?

_____yes __✓__no

2. Is there any evidence of cracks, settling, soil disturbance in the soil cover (berms, side hills, etc)?

_____yes __✓__no

3. Is there any evidence of cracking, settling, disturbance near the monitoring wells?

_____yes __✓__no

4. If either 1, 2 or 3 are answered 'yes', state where and the condition:

_____

_____

_____

_____

5. Operation / Maintenance Action required:

_____yes __✓__no

6. Describe Maintenance Action and Date Completed:

_____

_____

_____

_____

(attach maintenance/repair report)

Name: ROBERT J. SCHOENECK

Signature: [signature]

Date: 6/13/2019

MONTHLY SITE COVER SYSTEM INSPECTION REPORT

Month of JULY 2019

1. Is there any evidence of cracks, settling, disturbance in the asphalt cover?

_____yes __X__ no

2. Is there any evidence of cracks, settling, soil disturbance in the soil cover (berms, side hills, etc)?

_____yes __X__ no

3. Is there any evidence of cracking, settling, disturbance near the monitoring wells?

_____yes __X__ no

4. If either 1, 2 or 3 are answered 'yes', state where and the condition:

_____

_____

_____

_____

5. Operation / Maintenance Action required:

_____yes __X__ no

6. Describe Maintenance Action and Date Completed:

NO ISSUES

_____

_____

_____

(attach maintenance/repair report)

Name: ROBERT J. SCHOENECK

Signature: [signature]

Date: JULY 25, 2019

MONTHLY SITE COVER SYSTEM INSPECTION REPORT

Month of AUGUST 2019

1. Is there any evidence of cracks, settling, disturbance in the asphalt cover?

_____yes __X__ no

2. Is there any evidence of cracks, settling, soil disturbance in the soil cover (berms, side hills, etc)?

_____yes __X__ no

3. Is there any evidence of cracking, settling, disturbance near the monitoring wells?

_____yes __X__ no

4. If either 1, 2 or 3 are answered 'yes', state where and the condition:

_____

_____

_____

_____

5. Operation / Maintenance Action required:

_____yes __X__ no

6. Describe Maintenance Action and Date Completed:

_____

_____

_____

_____

(attach maintenance/repair report)

Name: ROBERT J. SCHOENECK

Signature: [signature]

Date: AUGUST 27, 2019

MONTHLY SITE COVER SYSTEM INSPECTION REPORT

Month of SEPTEMBER 2019

1. Is there any evidence of cracks, settling, disturbance in the asphalt cover?

_____yes __X__ no

2. Is there any evidence of cracks, settling, soil disturbance in the soil cover (berms, side hills, etc)?

_____yes __X__ no

3. Is there any evidence of cracking, settling, disturbance near the monitoring wells?

_____yes __X__ no

4. If either 1, 2 or 3 are answered 'yes', state where and the condition:

_____

_____

_____

_____

5. Operation / Maintenance Action required:

_____yes __X__ no

6. Describe Maintenance Action and Date Completed:

_____

_____

_____

_____

(attach maintenance/repair report)

Name: ROBERT J. SCHOENECK

Signature: Robert Schoeneck

Date: SEPTEMBER 24, 2019

MONTHLY SITE COVER SYSTEM INSPECTION REPORT

Month of OCTOBER 2019

1. Is there any evidence of cracks, settling, disturbance in the asphalt cover?

_____yes __X__ no

2. Is there any evidence of cracks, settling, soil disturbance in the soil cover (berms, side hills, etc)?

_____yes __X__ no

3. Is there any evidence of cracking, settling, disturbance near the monitoring wells?

_____yes __X__ no

4. If either 1, 2 or 3 are answered 'yes', state where and the condition:

_____

_____

_____

_____

5. Operation / Maintenance Action required:

_____yes __X__ no

6. Describe Maintenance Action and Date Completed:

_____

_____

_____

_____

(attach maintenance/repair report)

Name: ROBERT J. SCHOENECK

Signature: [signature]

Date: OCTOBER 22, 2019

MONTHLY SITE COVER SYSTEM INSPECTION REPORT

Month of NOVEMBER 2019

1. Is there any evidence of cracks, settling, disturbance in the asphalt cover?

_____yes __✓__no

2. Is there any evidence of cracks, settling, soil disturbance in the soil cover (berms, side hills, etc)?

_____yes __✓__no

3. Is there any evidence of cracking, settling, disturbance near the monitoring wells?

_____yes __✓__no

4. If either 1, 2 or 3 are answered 'yes', state where and the condition:

_____

_____

_____

_____

5. Operation / Maintenance Action required:

_____yes __✓__no

6. Describe Maintenance Action and Date Completed:

_____

_____

_____

_____

(attach maintenance/repair report)

Name: ROBERT J. SCHOENECK

Signature: [signature]

Date: 11/5/2019

MONTHLY SITE COVER SYSTEM INSPECTION REPORT

Month of DECEMBER 2019

1. Is there any evidence of cracks, settling, disturbance in the asphalt cover?

✓ yes _____ no

2. Is there any evidence of cracks, settling, soil disturbance in the soil cover (berms, side hills, etc)?

_____ yes ✓ no

3. Is there any evidence of cracking, settling, disturbance near the monitoring wells?

✓ yes _____ no

4. If either 1, 2 or 3 are answered 'yes', state where and the condition:

SEE ATTACHED PHOTO - AREA WAS PATCHED AND WILL BE RE-ADDRESSED IN THE SPRING

5. Operation / Maintenance Action required:

_____ yes ✓ no

6. Describe Maintenance Action and Date Completed:

AREA AROUND MONITORING WELL PATCHED

(attach maintenance/repair report)

Name: ROBERT J. SCHOENECK

Signature: [signature]

Date: 12/18/2019

MONTHLY SITE COVER SYSTEM INSPECTION REPORT

Month of JANUARY 2020

1. Is there any evidence of cracks, settling, disturbance in the asphalt cover?

_____yes __X__ no

2. Is there any evidence of cracks, settling, soil disturbance in the soil cover (berms, side hills, etc)?

_____yes __X__ no

3. Is there any evidence of cracking, settling, disturbance near the monitoring wells?

_____yes __X__ no

4. If either 1, 2 or 3 are answered 'yes', state where and the condition:

_____

_____

_____

_____

5. Operation / Maintenance Action required:

_____yes __X__ no

6. Describe Maintenance Action and Date Completed:

_____

_____

_____

_____

(attach maintenance/repair report)

Name: ROBERT T. SCHORNEK

Signature: Robert Schornek

Date: 1/23/2020

MONTHLY SITE COVER SYSTEM INSPECTION REPORT

Month of FEBRUARY 2020

1. Is there any evidence of cracks, settling, disturbance in the asphalt cover?

_____yes __X__ no

2. Is there any evidence of cracks, settling, soil disturbance in the soil cover (berms, side hills, etc)?

_____yes __X__ no

3. Is there any evidence of cracking, settling, disturbance near the monitoring wells?

_____yes __X__ no

4. If either 1, 2 or 3 are answered 'yes', state where and the condition:

_____

_____

_____

_____

5. Operation / Maintenance Action required:

_____yes __X__ no

6. Describe Maintenance Action and Date Completed:

_____

_____

_____

_____

(attach maintenance/repair report)

Name: ROBERT J. SCHOENECK

Signature: [signature]

Date: 2/20/2020

MONTHLY SITE COVER SYSTEM INSPECTION REPORT

Month of MARCH 2020

1. Is there any evidence of cracks, settling, disturbance in the asphalt cover?

____yes __X_ no

2. Is there any evidence of cracks, settling, soil disturbance in the soil cover (berms, side hills, etc)?

_X_ yes ____ no

3. Is there any evidence of cracking, settling, disturbance near the monitoring wells?

____yes __X_ no

4. If either 1, 2 or 3 are answered 'yes', state where and the condition:

TOPSOIL DAMAGE FROM WINTER PLOWING OPERATIONS

5. Operation / Maintenance Action required:

_X_ yes ____ no

6. Describe Maintenance Action and Date Completed:

TOP DRESSING AREAS DAMAGED FROM PLOWING - DATE TBD.

(attach maintenance/repair report)

Name: ROBERT J. SCHOENECK

Signature: [signature]

Date: 3/24/2020

MONTHLY SITE COVER SYSTEM INSPECTION REPORT

Month of APRIL 2020

1. Is there any evidence of cracks, settling, disturbance in the asphalt cover?

_____yes __X__ no

2. Is there any evidence of cracks, settling, soil disturbance in the soil cover (berms, side hills, etc)?

_____yes __X__ no

3. Is there any evidence of cracking, settling, disturbance near the monitoring wells?

_____yes __X__ no

4. If either 1, 2 or 3 are answered 'yes', state where and the condition:

_____

_____

_____

_____

5. Operation / Maintenance Action required:

__X__ yes _____ no

6. Describe Maintenance Action and Date Completed:

MAINTENANCE TO GRASS AREAS FROM WINTER PLOWING OPERATIONS. TO BE COMPLETED WHEN WEATHER & CURRENT RESTRICTIONS PERMIT.

(attach maintenance/repair report)

Name: ROBERT T. SCHOENECK

Signature: Robert T. Schoeneck

Date: 4/20/2020

APPENDIX E

ENGINEERING AND INSTITUTIONAL CONTROLS CERTIFICATION FORM

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. C734135

Site Name Oil City/Carousel Center - Site 7

Site Address: 311-71 Hiawatha Blvd. West Zip Code: 13204
City/Town: Syracuse
County: Onondaga
Site Acreage: 22.843

Reporting Period: April 27, 2019 to April 27, 2020

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	X	☐
7. Are all ICs/ECs in place and functioning as designed?	X	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

	Box 2A	
	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	X
If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.		
9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	X	☐
If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.		

SITE NO. C734135 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
116.-02-01.0	Destiny USA Real Estate LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan

- Allow the use and development of the Controlled Property as Commercial and Industrial;
- Prohibition against the use of groundwater without treatment;
- Compliance with an Excavation Work Plan for intrusive work that penetrates cover;
- Compliance with an Operation and Maintenance Plan;
- Compliance with the Site Monitoring Plan including monitoring of groundwater;
- Periodic certification of all Institutional and Engineering Controls; and
- Evaluation of potential vapor intrusion for any future buildings developed on the site.

116.-02-07.0	Destiny USA Land Company LLC	Ground Water Use Restriction Soil Management Plan Monitoring Plan Site Management Plan O&M Plan IC/EC Plan

- Allow the use and development of the Controlled Property as Commercial and Industrial;
- Prohibition against the use of groundwater without treatment;
- Compliance with an Excavation Work Plan for intrusive work that penetrates cover;
- Compliance with an Operation and Maintenance Plan;
- Compliance with the Site Monitoring Plan including monitoring of groundwater;
- Periodic certification of all Institutional and Engineering Controls; and
- Evaluation of potential vapor intrusion for any future buildings developed on the site.

116.-02-08.1	Destiny USA Land Company LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan

- Allow the use and development of the Controlled Property as Commercial and Industrial;
- Prohibition against the use of groundwater without treatment;
- Compliance with an Excavation Work Plan for intrusive work that penetrates cover;
- Compliance with an Operation and Maintenance Plan;
- Compliance with the Site Monitoring Plan including monitoring of groundwater;
- Periodic certification of all Institutional and Engineering Controls; and
- Evaluation of potential vapor intrusion for any future buildings developed on the site.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
116.-02-01.0	Vapor Mitigation Cover System

- Soil Cover over 5 acres; and
- Sub-Slab Vapor Mitigation System on the Site building.

116.-02-07.0

Parcel	Engineering Control
	Vapor Mitigation Cover System

- Soil Cover over 5 acres; and
- Sub-Slab Vapor Mitigation System on the Site building.

116.-02-08.1

Vapor Mitigation
Cover System
Fencing/Access Control

- Soil Cover over 5 acres; and
- Sub-Slab Vapor Mitigation System on the Site building;
- Fencing around drainage swale.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

   (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative — Date

IC CERTIFICATIONS
SITE NO. C734135

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Robert J. Schoeneck (print name) at Destiny USA 9090 Destiny USA Dr., Syracuse NY 13204 (print business address),

am certifying as Authorized Agent (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Robert J. Schoeneck
Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

MAY 24, 2020
Date

IC/EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Paul Adel (print name) at 19 British American Blvd, Latham NY 12110 (print business address),

am certifying as a Professional Engineer for the Destiny USA Land Company LLC (Owner or Remedial Party)

Paul M. Adel

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

May 27, 2020

Date

APPENDIX F

2019 ANNUAL GROUNDWATER MONITORING REPORT

January 31, 2019

Ms. Karen Cahill
Project Manager
New York State Department of Environmental Conservation
615 Erie Boulevard
West Syracuse, New York 13204-2450

Re: Destiny USA Real Estate, LLC
City of Syracuse, Onondaga County
Groundwater Monitoring Report: December 2019- BCP Site No. C734135

Dear Ms. Cahill:

On behalf of Destiny USA Real Estate, LLC., and in accordance with the New York State Brownfield Cleanup Program Site No. C734135, JMT of New York, Inc. is pleased to submit this groundwater monitoring report. This report presents post-remediation groundwater monitoring results and demonstrates the effectiveness of in-situ chemical injection.

Actions Completed- December 2019

On December 20, 2019, five (5) monitoring wells were sampled using low-flow sampling techniques (see Figure 1 for monitoring well locations). Groundwater was purged from each well using a peristaltic pump until water quality parameter stabilization. Once stabilized (ensuring fresh water flow), samples were collected. Samples were delivered to Alpha Analytical service center for transport to the laboratory and analyzed for VOCs. Table 1 shows all detected constituents and those that exceeded T.O.G.S 1.1.1 Ambient Water Quality Standards. Any constituent not shown in Table 1 is non-detect in all monitoring wells. See Appendix A for the full laboratory analytical report. The attached graphs show the trends of Total VOCs for each monitoring well over time.

Observations

Following the remedial injections in May 2017, there has been an overall observable decreasing trend in contaminants of concern (COC) onsite.

The monitoring results typically continue to show declines in VOC levels compared to the pre-injection concentrations. In the December sampling, total VOCs are well below the baseline concentrations with the exception of SP-MW-41. In comparison to the baseline totals, VOCs have decreased by 73% in MW-43, 99% in MW-45, 99% in MW-46, and 83% in MW-47. Well MW-41 had by far the lowest initial VOC concentrations and there have been slight inconsistent fluctuations in concentrations since injections. The December 2019 sampling results are less than results obtained in September 2018 but higher than the December 2018 data. See the attached graphs showing the trend at each location. These trends indicate that improvements in groundwater quality are continuing to occur, and that concentrations can be expected to continue to decline over time.

If you have and questions do not hesitate to contact me at (518) 218-5638 or padel@jmt.com.

Sincerely,

JMT of New York, Inc.

Paul M. Adel, P.E.
Project Manager

Attachments

cc w/ att: R. Schoeneck, Destiny

Figure

VOCs	Ambient Groundwater	SP-MW-47 5/4/2017	SP-MW-47 8/8/2017	SP-MW-47 10/30/2017	SP-MW-47 3/29/2018	SP-MW-47 6/26/2018	SP-MW-47 9/28/2018	SP-MW-47 12/19/2018	SP-MW-47 12/20/2019
1,2,4-Trimethylbenzene	5	120	68	--	42	12	–	15	–
Benzene	1	130	76	70	100	75	60	100	33
Ethylbenzene	5	21	14	5.5	15 J	8.4	–	11	–
Isopropylbenzene	5	19	12	12	15 J	8.1	27	13	19
n-Propylbenzene	5	26	16	12	18 J	8.3	9	8.2	–
p/m-Xylene	5	26	17	--	13 J	5.6	–	8.6	–
Toluene	5	14	7.6	--	7.1 J	–	–	5.3	–

VOCs	Ambient Groundwater	SP-MW-41 5/4/2017	SP-MW-41 8/8/2017	SP-MW-41 10/30/2017	SP-MW-41 3/29/2018	SP-MW-41 6/26/2018	SP-MW-41 9/28/2018	DUP 9/28/2018	SP-MW-41 12/19/2018	SP-MW-41 12/20/2019
Benzene	1	15	16	4	5.3	10	35	39	12	22
Isopropylbenzene	5	–	–	–	–	–	31	32	12	36

VOCs	Ambient Groundwater	SP-MW-46 5/4/2017	SP-MW-46 8/8/2017	DUP01 8/8/2017	SP-MW-46 10/30/2017	DUP01 10/30/2017	SP-MW-46 3/29/2018	DUP 01 3/29/2018	SP-MW-46 6/26/2018	SP-MW-46 9/28/2018	SP-MW-46 12/19/2018	SP-MW-46 12/20/2019
1,2,4-Trimethylbenzene	5	34	–	–	–	–	–	–	--	–	–	–
Benzene	1	190	140	180	62	60	51	50	17	26	20	3.8
Ethylbenzene	5	14	–	–	–	–	–	–	--	–	–	–
Isopropylbenzene	5	11	22	27	16	16	5.7	5.4	--	18	–	–
p/m-Xylene	5	39	5.3	6.3	–	–	–	–	--	–	–	–
Toluene	5	5.3	–	–	–	–	–	–	--	–	–	–

VOCs	Ambient Groundwater	SP-MW-45 5/4/2017	SP-MW-45 8/8/2017	SP-MW-45 10/30/2017	SP-MW-45 3/29/2018	SP-MW-45 6/26/2018	SP-MW-45 9/28/2018	SP-MW-45 12/19/2018	SP-MW-45 12/20/2019
1,2,4-Trimethylbenzene	5	180	140	28	230	110	9.1	61	–
Benzene	1	210	200	8.1	320	200	6.6	180	2.6
Ethylbenzene	5	42	40	6	65	36	–	34	–
Isopropylbenzene	5	14	12	--	25	17	7	12	–
n-Propylbenzene	5	26	22	4.1	41	26	–	15	–
o-Xylene	5	7.9 J	9	--	12 J	6.9	–	–	–
p/m-Xylene	5	150	160	--	130	53	–	60	–
Toluene	5	76	54	--	66	32	–	33	–

VOCs	Ambient Groundwater	SP-MW-43R 5/4/2017	SP-MW-43R 8/8/2017	SP-MW-43R 10/30/2017	SP-MW-43R 3/29/2018	SP-MW-43R 6/26/2018	DUP 6/26/2018	MW-43R 9/28/2018	MW-43R 12/19/2018	MW-43R 12/20/2019
1,2,4-Trimethylbenzene	5	1400	460	770	170	530	550	570	170	530
1,3,5-Trimethylbenzene	5	400	140	110	26	92	96	24	11	45
Benzene	1	290	44	140	13	98	100	100	19	46
Ethylbenzene	5	1300	200	590	110	470	480	470	93	360
Isopropylbenzene	5	–	17	27	7.3	20	22	26	7.1	20
n-Butylbenzene	5	–	5.7 J	–	–	–	--	--	–	--
n-Propylbenzene	5	100 J	36	54	12	38	39	45	13	40
Naphthalene	10	200 J	32	75	–	47	51	62	8.6	37
o-Xylene	5	77 J	12	30	–	20	21	20	–	17
p/m-Xylene	5	1900 J	310	840	120	600	620	550	110	460
Toluene	5	100 J	14	48	7.6	40	41	35	7.5	33

OLD HIAWATHA BOULEVARD

SOLAR STREET

ROUTE 81

SP-MW-42R

MW-47

MW-46

SP-MW-41

MW-45

SP-MW-43R

SP-MW-21

SITE 7

Stone Rip Rap Lined Detention Basin Area

Stone Rip Rap Lined Detention Basin Area

ALASKAN 22
(116.-02-07.0, 4.1 ACRES)

LEGEND

- SITE 7/ENVIRONMENTAL EASEMENT BOUNDARY
- TAX PARCEL BOUNDARIES
- MONITORING WELL
- AREA OF CONCERN

Note: Groundwater is compared to Part 703 and TOGS 1.1.1 Ambient Water Quality Standards

NO.	DATE	RECORD OF WORK	DRN	CKD
1	12/5/2017	Addition of 10/30/17 Analytical Results	KAO	YW
2	4/24/2018	Addition of 3/29/18 Analytical Results	KAO	YW
3	7/20/2018	Addition of 6/26/18 Analytical Results	KAO	JK
4	10/17/18	Addition of 9/28/18 Analytical Results	JK	
5	1/9/19	Addition of 12/19/18 Analytical Results	JK	
6	1/31/19	Updating 12/19/18 Analytical Results	JK	
7	1/31/20	Updating 12/20/19 Analytical Results	KO	

PROJECT

PROJ. MGR: PA
PROJ. NO.: 18-00996
PREPARED BY: KAO
DRAFTED BY: KAO
CHECKED BY: KAO
APPROVED BY: JCK
DATUM:
CONTOUR INTERVAL = FEET

0 20 40 80 160
1"=80'

SITE 7

Exceedances of Groundwater Standards After Remedy

DESTINY USA

CITY OF SYRACUSE ONONDAGA CO., NY

19 British American Blvd.,Latham, New York 12110
P: (518) 782-0882 F: (518) 782-0973 www.jmt.com

DATE: 10/17/18 | SCALE: 1"=80' | DWG. NO. 15209K | FIGURE: 1

Table

Table 1
Groundwater
Sampling Results

Analytes	T.O.G.S 1.1.1 Ambient Water Quality	SP-MW-41																	
		5/4/2017		8/8/2017		10/30/2017		3/29/2018		6/26/2018		9/28/2018		DUP 9/28/2018		12/19/2018		12/20/2019	
VOCs																			
1,2,4-Trimethylbenzene	5	<5	U	<2.5	U	0.96	J	<2.5	U	1.5	J	3.3	J	3.3		<2.5	U	<2.5	U
1,2-Dichloroethane	0.6	<1	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	1.3		<0.5	U	<2.5	U
1,2-Dichloropropane	1	<2	U	<1	U	<1	U	<1	U	<1	U	<2.5	U	<1	U	<1	U	<1	U
1,3,5-Trimethylbenzene	5	<5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<6.2	U	<2.5	U	<2.5	U	<2.5	U
Benzene	1	15		16		4		5.3		10		35		39		12		22	
Carbon disulfide	60	<10	U	28		2.3	J	<5	U	<5	U	<12	U	<5	U	<5	U	5	U
cis-1,2-Dichloroethene	5	<5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<6.2	U	<2.5	U	<2.5	U	<2.5	U
Ethylbenzene	5	<5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<6.2	U	0.99	J	<2.5	U	<2.5	U
Isopropylbenzene	5	4	J	1.6	J	1.2	J	1.8	J	4.3		31		32		12		36	
Methyl tert butyl ether	10	<5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<6.2	U	<2.5	U	<2.5	U	<2.5	U
n-Butylbenzene	5	<5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<6.2	U	<2.5	U	<2.5	U	<2.5	U
n-Propylbenzene	5	<5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	3	J	3.2		<2.5	U	10	
Naphthalene	10	<5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	2.3	J	<2.5	U	<2.5	U	<2.5	U
o-Xylene	5	<5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<6.2	U	<2.5	U	<2.5	U	<2.5	U
p-Isopropyltoluene	5	<5	U	<2.5	U	<2.6	U	<2.5	U	<2.5	U	<6.2	U	<2.5	U	<2.5	U	<2.5	U
p/m-Xylene	5	<5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<6.2	U	<2.5	U	<2.5	U	<2.5	U
sec-Butylbenzene	5	1.6	J	0.81	J	<2.6	U	0.93	J	1.1	J	4.6	J	4.1		3.5		3.4	
tert-Butylbenzene	5	<5	U	<2.5	U	<2.7	U	<2.5	U	0.71	J	3	J	2.5		2	J	1.9	J
Toluene	5	<5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<6.2	U	<2.5	U	<2.5	U	2.5	U
Total VOCs	147.6	**20.6**		**46.41**		**8.46**		**8.03**		**17.61**		**82.2**		**86.4**		**29.5**		**73.3**	

Notes:

1. Samples collected by JMT and submitted to Alpha Analytical for analysis.
2. ue highlig represents an exceedance of Ambient Groundwater Quality Standards.
3. **<0.457 U:** Analyte was not detected. The number preceding the 'U' is the associated reported detection limit.
4. All results in ppb.
5. Total VOCs are calculated using detected values.

Qualifiers: Q

J: Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL)

U: Not detected at the method detection limit (MDL) for the sample

Table 1
Groundwater
Sampling Results

Analytes	T.O.G.S 1.1.1 Ambient Water Quality	SP-MW-43R																	
		5/4/2017		8/8/2017		10/30/2017		3/29/2018		6/26/2018		DUP 6/26/2018		9/28/2018		12/19/2018		12/20/2019	
VOCs																			
1,2,4-Trimethylbenzene	5	1400		460		770		170		530		660		570		170		530	
1,2-Dichloroethane	0.6	<50	U	<2.5	U	<5	U	<2.5	U	<5	U	<5	U	<5	U	<1.2	U	<0.5	U
1,2-Dichloropropane	1	<100	U	<5	U	<10	U	<5	U	<10	U	<10	U	<10	U	<2.5	U	<5	U
1,3,5-Trimethylbenzene	5	400		140		110		26		92		96		24	J	11		45	
Benzene	1	290		44		140		13		98		100		100		19		46	
Carbon disulfide	60	<500	U	<25	U	<50	U	<25	U	<50	U	<50	U	<50	U	<12	U	<5	U
cis-1,2-Dichloroethene	5	<250	U	<12	U	<25	U	<12	U	<25	U	<25	U	<25	U	<6.2	U	<2.5	U
Ethylbenzene	5	1300		200		590		110		470		480		470		93		360	
Isopropylbenzene	5	<250	U	17		27		7.3		20	J	22	J	26		7.1		20	
Methyl tert butyl ether	10	<250	U	<12	U	<25	U	<12	U	<25	U	<25	U	<25	U	<6.2	U	<12	U
n-Butylbenzene	5	<250	U	5.7	J	<25	U	<12	U	<25	U	<25	U	<25	U	<6.2	U	3.8	J
n-Propylbenzene	5	100	J	36		54		12		38		39		45		13		40	
Naphthalene	10	200	J	32		75		6.1	J	47		51		62		8.6		37	
o-Xylene	5	77	J	12		30		4.5	J	20		21	J	20	J	3.8	J	17	
p-Isopropyltoluene	5	<250	U	4.2	J	<25	U	<12	U	<25	U	<25	U	<25	U	<6.2	U	<12	U
p/m-Xylene	5	1900		310		840		120		600		620		550		110		460	
sec-Butylbenzene	5	<250	U	<12	U	<25	U	<12	U	<25	U	<25	U	<25	U	<6.2	U	<12	U
tert-Butylbenzene	5	<250	U	<12	U	<25	U	<12	U	<25	U	<25	U	<25	U	<6.2	U	<12	U
Toluene	5	100	J	14		48		7.6		40		41		35		7.5		33	
Total VOCs	147.6	**5767**		**1274.9**		**2684**		**476.5**		**1955**		**2130**		**1902**		**443**		**1591.8**	

Notes:

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3. **<0.457 U:** Analyte was not detected. The number preceding the 'U' is the associated reported detection limit.
4. All results in ppb.
5. Total VOCs are calculated using detected values.

Qualifiers:

J: Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL)

U: Not detected at the method detection limit (MDL) for the sample

Table 1
Groundwater
Sampling Results

Analytes	T.O.G.S 1.1.1 Ambient Water Quality	SP-MW-45																	
		5/4/2017		8/8/2017		10/30/2017		3/29/2018		6/26/2018		9/28/2018		12/19/2018		DUP 12/19/18		12/20/2019	
VOCs																			
1,2,4-Trimethylbenzene	5	180		140		28		230		110		9.1		61		77		<2.5	U
1,2-Dichloroethane	0.6	<5	U	<1.2	U	<0.5	U	<5	U	<1.2	U	<0.5	U	<1	U	<2.5	U	<0.5	U
1,2-Dichloropropane	1	<10	U	<2.5	U	<1	U	<10	U	<6.2	U	<1	U	<2	U	<5	U	<1	U
1,3,5-Trimethylbenzene	5	<25	U	<6.2	U	<2.5	U	<25	U	<6.2	U	<2.5	U	<5	U	<12	U	<2.5	U
Benzene	1	210		200		8.1		320		200		6.6		180		240		2.6	
Carbon disulfide	60	<50	U	49		<5	U	<50	U	<12	U	<5	U	<10	U	<25	U	<5	U
cis-1,2-Dichloroethene	5	<25	U	<6.2	U	<2.5	U	<25	U	<6.2	U	<2.5	U	<5	U	<12	U	<2.5	U
Ethylbenzene	5	42		40		6		65		36		2.3	J	34		45		<2.5	U
Isopropylbenzene	5	14	J	12		3.4		25		17		7		12		14		0.7	J
Methyl tert butyl ether	10	<25	U	<6.2	U	<25	U	<25	U	<6.2	U	<2.5	U	<5	U	<12	U	<2.5	U
n-Butylbenzene	5	<25	U	2.3	J	<2.5	U	<25	U	<6.2	U	<2.5	U	<5	U	<12	U	<2.5	U
n-Propylbenzene	5	26		22		4.1		41		26		2.4	J	15		20		<2.5	U
Naphthalene	10	<25	U	<6.2	U	<2.5	U	<25	U	<6.2	U	0.77	J	<5	U	<12	U	<2.5	U
o-Xylene	5	7.9	J	9		<2.5	U	12	J	6.9		0.7	J	5		6.4	J	<2.5	U
p-Isopropyltoluene	5	<25	U	<6.2	U	<2.5	U	<25	U	<6.2	U	<2.5	U	<5	U	<12	U	0.7	J
p/m-Xylene	5	150		160		4		130		53		0.93	J	60		79		<2.5	U
sec-Butylbenzene	5	<25	U	2.2	J	<2.5	U	<25	U	2.4	J	0.97	J	1.4	J	<12	U	<2.5	U
tert-Butylbenzene	5	<25	U	<6.2	U	<2.5	U	<25	U	<6.2	U	0.74	J	<5	U	<12	U	<2.5	U
Toluene	5	76		54		1.2	J	66		32		<2.5	U	33		42		<2.5	U
Total VOCs	147.6	**705.9**		**690.5**		**54.8**		**889**		**483.3**		**31.51**		**401.4**		**523.4**		**4**	

Notes:

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2. ue highlig represents an exceedance of Ambient Groundwater Quality Standards.
3. **<0.457 U:** Analyte was not detected. The number preceding the 'U' is the associated reported detection limit.
4. All results in ppb.
5. Total VOCs are calculated using detected values.

Qualifiers:

J: Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL)

U: Not detected at the method detection limit (MDL) for the sample

C

Table 1
Groundwater
Sampling Results

Analytes	T.O.G.S 1.1.1 Ambient Water Quality	SP-MW-46																					
		5/4/2017		8/8/2017		DUP01 8/8/2017		10/30/2017		DUP 01 10/30/2017		3/29/2018		DUP 01 3/29/2018		6/26/2018		9/28/2018		12/19/2018		12/20/2019	
VOCs																							
1,2,4-Trimethylbenzene	5	34		1.7	J	1.8	J	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U
1,2-Dichloroethane	0.6	<1	U	<1	U	<1	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U
1,2-Dichloropropane	1	<2	U	0.34	J	<2	U	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U	<1	U
1,3,5-Trimethylbenzene	5	<5	U	<5	U	<5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U
Benzene	1	190		140		180		62		60		51		50		17		26		20		3.8	
Carbon disulfide	60	<10	U	23		<10	U	<5	U	<5	U	<5	U	<5	U	<5	U	<5	U	<5	U	<5	U
cis-1,2-Dichloroethene	5	<5	U	<5	U	<5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U
Ethylbenzene	5	14		1.9	J	2.5	J	0.73	J	0.71	J	0.88	J	0.85	J	<2.5	U	<2.5	U	<2.5	U	<2.5	U
Isopropylbenzene	5	11		22		27		16		16		5.7		5.4		3.3		18		1.3	J	3	
Methyl tert butyl ether	10	8.4		7		9.1		2.8		2.6		2.9		2.9		1.7	J	2.5		0.93	J	0.96	J
n-Butylbenzene	5	<5	U	<5	U	<5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U
n-Propylbenzene	5	4.7	J	2.1	J	2.7	J	1	J	0.79	J	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U
Naphthalene	10	<5	U	<5	U	5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U
o-Xylene	5	<5	U	<5	U	<5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U
p-Isopropyltoluene	5	<5	U	<5	U	<5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U
p/m-Xylene	5	39		5.3		6.3		<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U
sec-Butylbenzene	5	<5	U	<5	U	1.8	J	0.97	J	1	J	<2.5	U	<2.5	U	<2.5	U	1.4	J	<2.5	U	<2.5	U
tert-Butylbenzene	5	<5	U	<5	U	1.4	J	0.94	J	0.88	J	<2.5	U	<2.5	U	<2.5	U	1.1	J	<2.5	U	<2.5	U
Toluene	5	5.3		<5	U	1.4	J	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U
Total VOCs	147.6	**306.4**		**203.34**		**234**		**83.5**		**81.27**		**60.48**		**59.15**		**22**		**49**		**22.23**		**7.76**	

Notes:

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2. ue highlig represents an exceedance of Ambient Groundwater Quality Standards.
3. **<0.457 U:** Analyte was not detected. The number preceding the 'U' is the associated reported detection limit.
4. All results in ppb.
5. Total VOCs are calculated using detected values.

Qualifiers:

J: Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL)

U: Not detected at the method detection limit (MDL) for the sample

C

Table 1
Groundwater
Sampling Results

Analytes	T.O.G.S 1.1.1 Ambient Water Quality	SP-MW-47															
		5/4/2017		8/8/2017		10/30/2017		3/29/2018		6/26/2018		9/28/2018		12/19/2018		12/20/2019	
VOCs																	
1,2,4-Trimethylbenzene	5	120		68		2.2	J	42		12		<6.2	U	15		<2.5	U
1,2-Dichloroethane	0.6	<5	U	<1.2	U	<0.5	U	<5	U	<1	U	<1.2	U	<1	U	<0.5	U
1,2-Dichloropropane	1	<10	U	<2.5	U	<1	U	<10	U	<2	U	<2.5	U	<2	U	<1	U
1,3,5-Trimethylbenzene	5	<25	U	<6.2	U	<2.5	U	<25	U	<5	U	<6.2	U	<5	U	<2.5	U
Benzene	1	130		76		70		100		75		60		100		33	
Carbon disulfide	60	<50	U	27		<5	U	<50	U	<10	U	<12	U	<10	U	<5	U
cis-1,2-Dichloroethene	5	<25	U	2	J	1.2	J	<25	U	2	J	<6.2	U	2.6	J	<2.5	U
Ethylbenzene	5	21	J	14		5.5		15	J	8.4		<6.2	U	11		<2.5	U
Isopropylbenzene	5	19	J	12		12		15	J	8.1		27		13		19	
Methyl tert butyl ether	10	<25	U	<6.2	U	<2.5	U	<25	U	<5	U	<6.2	U	<5	U	<2.5	U
n-Butylbenzene	5	<25	U	<6.2	U	<2.5	U	<25	U	<5	U	<6.2	U	<5	U	<2.5	U
n-Propylbenzene	5	26		16		12		18	J	8.3		9		8.2		2.7	
Naphthalene	10	<25	U	<6.2	U	<2.5	U	<25	U	<5	U	<6.2	U	<5	U	<2.5	U
o-Xylene	5	<25	U	1.8	J	<2.5	U	<25	U	<5	U	<6.2	U	<5	U	<2.5	U
p-Isopropyltoluene	5	<25	U	<6.2	U	<2.5	U	<25	U	<5	U	<6.2	U	<5	U	<2.5	U
p/m-Xylene	5	26		17		2.5		13	J	5.6		<6.2	U	8.6		<2.5	U
sec-Butylbenzene	5	<25	U	<6.2	U	1.2	J	<25	U	<5	U	3.7	J	1.7	J	3.9	
tert-Butylbenzene	5	<25	U	<6.2	U	<2.5	U	<25	U	<5	U	2.5	J	<5	U	2.3	
Toluene	5	14	J	7.6		<2.5	U	7.1	J	2.7	J	<6.2	U	5.3		<2.5	U
Total VOCs	147.6	**356**		**241.4**		**106.6**		**210.1**		**122.1**		**102.2**		**165.4**		**60.9**	

Notes:

1. Samples collected by Spectra and submitted to Alpha Analytical for analysis.
2. ue highlig represents an exceedance of Ambient Groundwater Quality Standards.
3. **<0.457 U:** Analyte was not detected. The number preceding the 'U' is the associated reported detection limit.
4. All results in ppb.
5. Total VOCs are calculated using detected values.

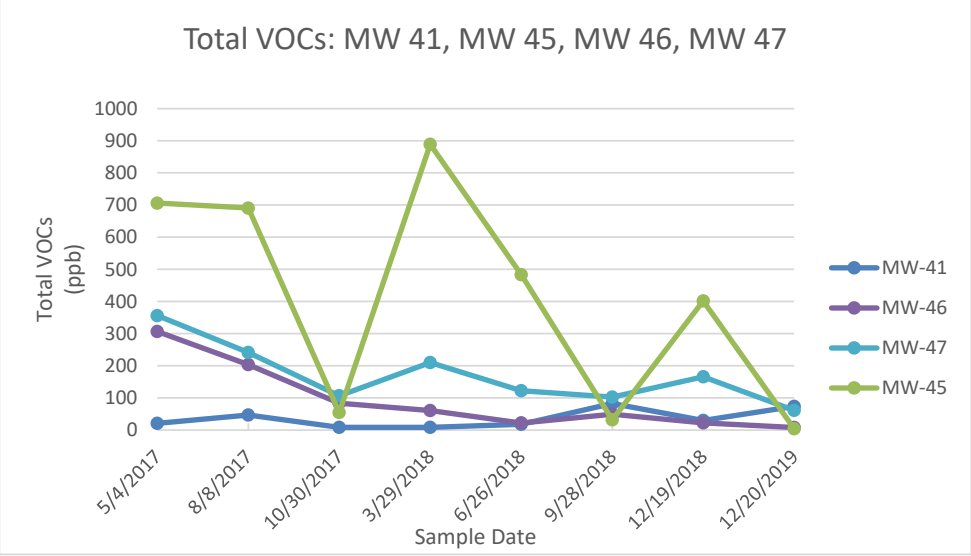
Qualifiers:

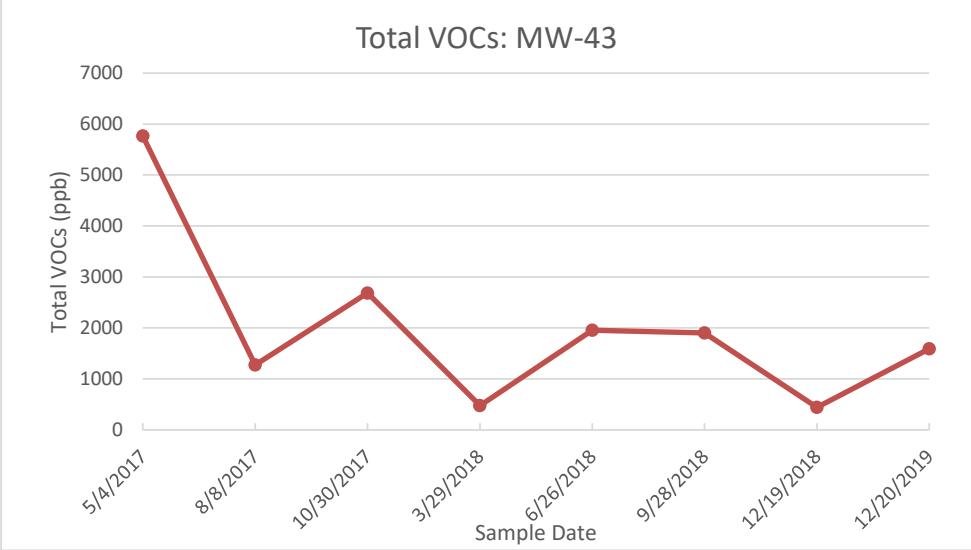
J: Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL)

U: Not detected at the method detection limit (MDL) for the sample

Graphs

Total VOC Trends
Destiny USA





Appendix A

ANALYTICAL REPORT

Lab Number:	L1961315
Client:	JMT, Inc. 19 British American Blvd. Latham, NY 12110
ATTN:	Paul Adel
Phone:	(518) 782-0882
Project Name:	EMBASSY SUITES - DESTINY
Project Number:	18-00996N
Report Date:	01/03/20

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: EMBASSY SUITES - DESTINY
Project Number: 18-00996N

Lab Number: L1961315
Report Date: 01/03/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1961315-01	SP-MW-41	WATER	SYRACUSE, NY	12/20/19 14:45	12/20/19
L1961315-02	SP-MW-43R	WATER	SYRACUSE, NY	12/20/19 13:10	12/20/19
L1961315-03	SP-MW-45	WATER	SYRACUSE, NY	12/20/19 12:10	12/20/19
L1961315-04	SP-MW-46	WATER	SYRACUSE, NY	12/20/19 15:30	12/20/19
L1961315-05	SP-MW-47	WATER	SYRACUSE, NY	12/20/19 10:15	12/20/19
L1961315-06	DUP	WATER	SYRACUSE, NY	12/20/19 13:40	12/20/19
L1961315-07	TRIP BLANK	WATER	SYRACUSE, NY	12/20/19 15:45	12/20/19

Project Name:	EMBASSY SUITES - DESTINY	**Lab Number:**	L1961315
Project Number:	18-00996N	**Report Date:**	01/03/20

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	EMBASSY SUITES - DESTINY	**Lab Number:**	L1961315
Project Number:	18-00996N	**Report Date:**	01/03/20

Case Narrative (continued)

Report Revision

January 03, 2020: At the client's request, the Volatile Organics compound list has been amended.

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L1961315-01 and -04: The sample was collected in a pre-preserved vial; however, the pH of the sample was determined to be greater than two. Samples that have a pH of greater than two should be analyzed within 7 days of collection; therefore, the sample was analyzed with the method required holding time exceeded.

L1961315-02: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L1961315-07: The Trip Blank has a result for acetone present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

The WG1325577-6 MS recovery, performed on L1961315-02, is below the acceptance criteria for bromomethane (0%), due to the concentration of this compound falling below the reported detection limit.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Kelly Stenstrom

Title: Technical Director/Representative Date: 01/03/20

ORGANICS

VOLATILES

Project Name: EMBASSY SUITES - DESTINY **Lab Number:** L1961315

Project Number: 18-00996N **Report Date:** 01/03/20

SAMPLE RESULTS

Lab ID: L1961315-01
Client ID: SP-MW-41
Sample Location: SYRACUSE, NY

Date Collected: 12/20/19 14:45
Date Received: 12/20/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/28/19 17:04
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	22		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1

Project Name: EMBASSY SUITES - DESTINY **Lab Number:** L1961315

Project Number: 18-00996N **Report Date:** 01/03/20

SAMPLE RESULTS

Lab ID: L1961315-01 Date Collected: 12/20/19 14:45

Client ID: SP-MW-41 Date Received: 12/20/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	6.5	J	ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	3.4		ug/l	2.5	0.70	1
tert-Butylbenzene	1.9	J	ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	36		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	10		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: EMBASSY SUITES - DESTINY **Lab Number:** L1961315

Project Number: 18-00996N **Report Date:** 01/03/20

SAMPLE RESULTS

Lab ID: L1961315-01 Date Collected: 12/20/19 14:45

Client ID: SP-MW-41 Date Received: 12/20/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	0.84	J	ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	88		70-130

Project Name: EMBASSY SUITES - DESTINY **Lab Number:** L1961315

Project Number: 18-00996N **Report Date:** 01/03/20

SAMPLE RESULTS

Lab ID: L1961315-02 D
Client ID: SP-MW-43R
Sample Location: SYRACUSE, NY

Date Collected: 12/20/19 13:10
Date Received: 12/20/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/28/19 17:29
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
1,1-Dichloropropene	ND		ug/l	12	3.5	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	46		ug/l	2.5	0.80	5
Toluene	33		ug/l	12	3.5	5
Ethylbenzene	360		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	ND		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Trichloroethene	ND		ug/l	2.5	0.88	5

Project Name: EMBASSY SUITES - DESTINY **Lab Number:** L1961315

Project Number: 18-00996N **Report Date:** 01/03/20

SAMPLE RESULTS

Lab ID: L1961315-02 D Date Collected: 12/20/19 13:10

Client ID: SP-MW-43R Date Received: 12/20/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	3.5	5
p/m-Xylene	460		ug/l	12	3.5	5
o-Xylene	17		ug/l	12	3.5	5
cis-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Dibromomethane	ND		ug/l	25	5.0	5
1,2,3-Trichloropropane	ND		ug/l	12	3.5	5
Acrylonitrile	ND		ug/l	25	7.5	5
Diisopropyl Ether	ND		ug/l	10	3.2	5
Tert-Butyl Alcohol	ND		ug/l	50	7.0	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
2,2-Dichloropropane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,3-Dichloropropane	ND		ug/l	12	3.5	5
1,1,1,2-Tetrachloroethane	ND		ug/l	12	3.5	5
Bromobenzene	ND		ug/l	12	3.5	5
n-Butylbenzene	3.8	J	ug/l	12	3.5	5
sec-Butylbenzene	ND		ug/l	12	3.5	5
tert-Butylbenzene	ND		ug/l	12	3.5	5
o-Chlorotoluene	ND		ug/l	12	3.5	5
p-Chlorotoluene	ND		ug/l	12	3.5	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Hexachlorobutadiene	ND		ug/l	12	3.5	5
Isopropylbenzene	20		ug/l	12	3.5	5
p-Isopropyltoluene	ND		ug/l	12	3.5	5
Naphthalene	37		ug/l	12	3.5	5
n-Propylbenzene	40		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5

Project Name: EMBASSY SUITES - DESTINY **Lab Number:** L1961315

Project Number: 18-00996N **Report Date:** 01/03/20

SAMPLE RESULTS

Lab ID: L1961315-02 D Date Collected: 12/20/19 13:10

Client ID: SP-MW-43R Date Received: 12/20/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
1,3,5-Trimethylbenzene	45		ug/l	12	3.5	5
1,2,4-Trimethylbenzene	530		ug/l	12	3.5	5
Ethyl-Tert-Butyl-Ether	ND		ug/l	12	3.5	5
Tertiary-Amyl Methyl Ether	ND		ug/l	10	1.4	5
1,4-Dioxane	ND		ug/l	1200	300	5
Freon-113	ND		ug/l	12	3.5	5
Tetrahydrofuran	ND		ug/l	25	7.5	5
Ethyl ether	ND		ug/l	12	3.5	5
trans-1,4-Dichloro-2-butene	ND		ug/l	12	3.5	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	88		70-130

Project Name: EMBASSY SUITES - DESTINY **Lab Number:** L1961315

Project Number: 18-00996N **Report Date:** 01/03/20

SAMPLE RESULTS

Lab ID: L1961315-03
Client ID: SP-MW-45
Sample Location: SYRACUSE, NY

Date Collected: 12/20/19 12:10
Date Received: 12/20/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/28/19 12:10
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	2.6		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1

Project Name: EMBASSY SUITES - DESTINY **Lab Number:** L1961315

Project Number: 18-00996N **Report Date:** 01/03/20

SAMPLE RESULTS

Lab ID: L1961315-03 Date Collected: 12/20/19 12:10

Client ID: SP-MW-45 Date Received: 12/20/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	3.6	J	ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.0		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	0.70	J	ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: EMBASSY SUITES - DESTINY **Lab Number:** L1961315

Project Number: 18-00996N **Report Date:** 01/03/20

SAMPLE RESULTS

Lab ID: L1961315-03 Date Collected: 12/20/19 12:10

Client ID: SP-MW-45 Date Received: 12/20/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	93		70-130

Project Name: EMBASSY SUITES - DESTINY **Lab Number:** L1961315

Project Number: 18-00996N **Report Date:** 01/03/20

SAMPLE RESULTS

Lab ID: L1961315-04
Client ID: SP-MW-46
Sample Location: SYRACUSE, NY

Date Collected: 12/20/19 15:30
Date Received: 12/20/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/28/19 12:34
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	3.8		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1

Project Name: EMBASSY SUITES - DESTINY **Lab Number:** L1961315

Project Number: 18-00996N **Report Date:** 01/03/20

SAMPLE RESULTS

Lab ID: L1961315-04 Date Collected: 12/20/19 15:30

Client ID: SP-MW-46 Date Received: 12/20/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	0.96	J	ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	2.4	J	ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	6.0		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	3.0		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: EMBASSY SUITES - DESTINY **Lab Number:** L1961315

Project Number: 18-00996N **Report Date:** 01/03/20

SAMPLE RESULTS

Lab ID: L1961315-04 Date Collected: 12/20/19 15:30

Client ID: SP-MW-46 Date Received: 12/20/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	93		70-130

Project Name: EMBASSY SUITES - DESTINY **Lab Number:** L1961315

Project Number: 18-00996N **Report Date:** 01/03/20

SAMPLE RESULTS

Lab ID: L1961315-05
Client ID: SP-MW-47
Sample Location: SYRACUSE, NY

Date Collected: 12/20/19 10:15
Date Received: 12/20/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/28/19 17:53
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	33		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1

Project Name: EMBASSY SUITES - DESTINY **Lab Number:** L1961315

Project Number: 18-00996N **Report Date:** 01/03/20

SAMPLE RESULTS

Lab ID: L1961315-05 Date Collected: 12/20/19 10:15

Client ID: SP-MW-47 Date Received: 12/20/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	7.3	J	ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	3.9		ug/l	2.5	0.70	1
tert-Butylbenzene	2.3	J	ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	19		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	2.7		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: EMBASSY SUITES - DESTINY **Lab Number:** L1961315

Project Number: 18-00996N **Report Date:** 01/03/20

SAMPLE RESULTS

Lab ID: L1961315-05 Date Collected: 12/20/19 10:15

Client ID: SP-MW-47 Date Received: 12/20/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	88		70-130

Project Name: EMBASSY SUITES - DESTINY **Lab Number:** L1961315

Project Number: 18-00996N **Report Date:** 01/03/20

SAMPLE RESULTS

Lab ID: L1961315-06
Client ID: DUP
Sample Location: SYRACUSE, NY

Date Collected: 12/20/19 13:40
Date Received: 12/20/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/28/19 18:18
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	21		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1

Project Name: EMBASSY SUITES - DESTINY **Lab Number:** L1961315

Project Number: 18-00996N **Report Date:** 01/03/20

SAMPLE RESULTS

Lab ID: L1961315-06 Date Collected: 12/20/19 13:40

Client ID: DUP Date Received: 12/20/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	6.3	J	ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	3.4		ug/l	2.5	0.70	1
tert-Butylbenzene	2.0	J	ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	37		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	10		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: EMBASSY SUITES - DESTINY **Lab Number:** L1961315

Project Number: 18-00996N **Report Date:** 01/03/20

SAMPLE RESULTS

Lab ID: L1961315-06 Date Collected: 12/20/19 13:40

Client ID: DUP Date Received: 12/20/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	0.97	J	ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	84		70-130

Project Name: EMBASSY SUITES - DESTINY **Lab Number:** L1961315

Project Number: 18-00996N **Report Date:** 01/03/20

SAMPLE RESULTS

Lab ID: L1961315-07
Client ID: TRIP BLANK
Sample Location: SYRACUSE, NY

Date Collected: 12/20/19 15:45
Date Received: 12/20/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/28/19 11:45
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	1.4	J	ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1

Project Name: EMBASSY SUITES - DESTINY **Lab Number:** L1961315

Project Number: 18-00996N **Report Date:** 01/03/20

SAMPLE RESULTS

Lab ID: L1961315-07 Date Collected: 12/20/19 15:45

Client ID: TRIP BLANK Date Received: 12/20/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Diisopropyl Ether	ND		ug/l	2.0	0.65	1
Tert-Butyl Alcohol	4.4	J	ug/l	10	1.4	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	6.7		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: EMBASSY SUITES - DESTINY **Lab Number:** L1961315

Project Number: 18-00996N **Report Date:** 01/03/20

SAMPLE RESULTS

Lab ID: L1961315-07 Date Collected: 12/20/19 15:45

Client ID: TRIP BLANK Date Received: 12/20/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Tetrahydrofuran	ND		ug/l	5.0	1.5	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	94		70-130

Project Name: EMBASSY SUITES - DESTINY **Lab Number:** L1961315

Project Number: 18-00996N **Report Date:** 01/03/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/28/19 11:21
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1325577-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: EMBASSY SUITES - DESTINY **Lab Number:** L1961315

Project Number: 18-00996N **Report Date:** 01/03/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/28/19 11:21
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1325577-5					
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Diisopropyl Ether	ND		ug/l	2.0	0.65
Tert-Butyl Alcohol	ND		ug/l	10	1.4
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70

Project Name: EMBASSY SUITES - DESTINY **Lab Number:** L1961315

Project Number: 18-00996N **Report Date:** 01/03/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/28/19 11:21
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1325577-5					
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Tetrahydrofuran	ND		ug/l	5.0	1.5
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	93		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: EMBASSY SUITES - DESTINY
Project Number: 18-00996N

Lab Number: L1961315
Report Date: 01/03/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1325577-3 WG1325577-4								
Methylene chloride	97		89		70-130	9		20
1,1-Dichloroethane	110		99		70-130	11		20
Chloroform	95		87		70-130	9		20
Carbon tetrachloride	91		83		63-132	9		20
1,2-Dichloropropane	100		94		70-130	6		20
Dibromochloromethane	95		91		63-130	4		20
1,1,2-Trichloroethane	99		94		70-130	5		20
Tetrachloroethene	92		86		70-130	7		20
Chlorobenzene	99		92		75-130	7		20
Trichlorofluoromethane	89		80		62-150	11		20
1,2-Dichloroethane	88		85		70-130	3		20
1,1,1-Trichloroethane	92		86		67-130	7		20
Bromodichloromethane	93		86		67-130	8		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	99		93		70-130	6		20
1,1-Dichloropropene	96		88		70-130	9		20
Bromoform	89		88		54-136	1		20
1,1,2,2-Tetrachloroethane	100		99		67-130	1		20
Benzene	97		90		70-130	7		20
Toluene	100		94		70-130	6		20
Ethylbenzene	100		93		70-130	7		20
Chloromethane	93		79		64-130	16		20
Bromomethane	40		40		39-139	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES - DESTINY

Project Number: 18-00996N

Lab Number: L1961315

Report Date: 01/03/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1325577-3 WG1325577-4								
Vinyl chloride	80		74		55-140	8		20
Chloroethane	76		70		55-138	8		20
1,1-Dichloroethene	96		85		61-145	12		20
trans-1,2-Dichloroethene	99		89		70-130	11		20
Trichloroethene	94		87		70-130	8		20
1,2-Dichlorobenzene	100		95		70-130	5		20
1,3-Dichlorobenzene	100		96		70-130	4		20
1,4-Dichlorobenzene	99		95		70-130	4		20
Methyl tert butyl ether	98		94		63-130	4		20
p/m-Xylene	100		90		70-130	11		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	98		90		70-130	9		20
Dibromomethane	90		85		70-130	6		20
1,2,3-Trichloropropane	98		98		64-130	0		20
Acrylonitrile	110		110		70-130	0		20
Diisopropyl Ether	110		110		70-130	0		20
Tert-Butyl Alcohol	92		96		70-130	4		20
Styrene	95		90		70-130	5		20
Dichlorodifluoromethane	52		46		36-147	12		20
Acetone	97		82		58-148	17		20
Carbon disulfide	100		89		51-130	12		20
2-Butanone	100		88		63-138	13		20
4-Methyl-2-pentanone	100		100		59-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: EMBASSY SUITES - DESTINY
Project Number: 18-00996N
Lab Number: L1961315
Report Date: 01/03/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1325577-3 WG1325577-4								
2-Hexanone	110		100		57-130	10		20
Bromochloromethane	100		94		70-130	6		20
2,2-Dichloropropane	110		120		63-133	9		20
1,2-Dibromoethane	98		92		70-130	6		20
1,3-Dichloropropane	100		99		70-130	1		20
1,1,1,2-Tetrachloroethane	97		90		64-130	7		20
Bromobenzene	97		95		70-130	2		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	110		100		70-130	10		20
tert-Butylbenzene	100		97		70-130	3		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	87		84		41-144	4		20
Hexachlorobutadiene	97		91		63-130	6		20
Isopropylbenzene	100		98		70-130	2		20
p-Isopropyltoluene	110		94		70-130	16		20
Naphthalene	94		92		70-130	2		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	97		92		70-130	5		20
1,2,4-Trichlorobenzene	100		94		70-130	6		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		99		70-130	1		20
Ethyl-Tert-Butyl-Ether	100		97		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: EMBASSY SUITES - DESTINY

Project Number: 18-00996N

Lab Number: L1961315

Report Date: 01/03/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1325577-3 WG1325577-4								
Tertiary-Amyl Methyl Ether	91		89		66-130	2		20
1,4-Dioxane	98		86		56-162	13		20
Freon-113	92		84		70-130	9		20
Tetrahydrofuran	110		100		58-130	10		20
Ethyl ether	96		88		59-134	9		20
trans-1,4-Dichloro-2-butene	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		106		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	100		101		70-130
Dibromofluoromethane	92		92		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: EMBASSY SUITES - DESTINY
Project Number: 18-00996N
Lab Number: L1961315
Report Date: 01/03/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1325577-6 WG1325577-7 QC Sample: L1961315-02 Client ID: SP-MW-43R												
Methylene chloride	ND	50	45	90		44	88		70-130	2		20
1,1-Dichloroethane	ND	50	49	98		48	96		70-130	2		20
Chloroform	ND	50	46	92		45	90		70-130	2		20
Carbon tetrachloride	ND	50	42	84		39	78		63-132	7		20
1,2-Dichloropropane	ND	50	49	98		49	98		70-130	0		20
Dibromochloromethane	ND	50	46	92		44	88		63-130	4		20
1,1,2-Trichloroethane	ND	50	78	**156**	Q	74	**148**	Q	70-130	5		20
Tetrachloroethene	ND	50	49	98		47	94		70-130	4		20
Chlorobenzene	ND	50	50	100		48	96		75-130	4		20
Trichlorofluoromethane	ND	50	44	88		42	84		62-150	5		20
1,2-Dichloroethane	ND	50	43	86		42	84		70-130	2		20
1,1,1-Trichloroethane	ND	50	45	90		43	86		67-130	5		20
Bromodichloromethane	ND	50	44	88		42	84		67-130	5		20
trans-1,3-Dichloropropene	ND	50	47	94		44	88		70-130	7		20
cis-1,3-Dichloropropene	ND	50	45	90		43	86		70-130	5		20
1,1-Dichloropropene	ND	50	50	100		48	96		70-130	4		20
Bromoform	ND	50	42	84		40	80		54-136	5		20
1,1,2,2-Tetrachloroethane	ND	50	52	104		51	102		67-130	2		20
Benzene	46	50	93	94		92	92		70-130	1		20
Toluene	33	50	83	100		82	98		70-130	1		20
Ethylbenzene	360	50	410	100		400	80		70-130	2		20
Chloromethane	ND	50	83	**166**	Q	79	**158**	Q	64-130	5		20
Bromomethane	ND	50	ND	**0**	Q	3.6J	**7**	Q	39-139	NC		20

Matrix Spike Analysis

Batch Quality Control

Project Name: EMBASSY SUITES - DESTINY

Project Number: 18-00996N

Lab Number: L1961315

Report Date: 01/03/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1325577-6 WG1325577-7 QC Sample: L1961315-02 Client ID: SP-MW-43R												
Vinyl chloride	ND	50	39	78		38	76		55-140	3		20
Chloroethane	ND	50	39	78		38	76		55-138	3		20
1,1-Dichloroethene	ND	50	48	96		47	94		61-145	2		20
trans-1,2-Dichloroethene	ND	50	47	94		46	92		70-130	2		20
Trichloroethene	ND	50	48	96		46	92		70-130	4		20
1,2-Dichlorobenzene	ND	50	50	100		49	98		70-130	2		20
1,3-Dichlorobenzene	ND	50	50	100		48	96		70-130	4		20
1,4-Dichlorobenzene	ND	50	50	100		48	96		70-130	4		20
Methyl tert butyl ether	ND	50	43	86		40	80		63-130	7		20
p/m-Xylene	460	100	560	100		540	80		70-130	4		20
o-Xylene	17	100	120	103		110	93		70-130	9		20
cis-1,2-Dichloroethene	ND	50	49	98		47	94		70-130	4		20
Dibromomethane	ND	50	45	90		43	86		70-130	5		20
1,2,3-Trichloropropane	ND	50	52	104		50	100		64-130	4		20
Acrylonitrile	ND	50	270	**540**	Q	260	**520**	Q	70-130	4		20
Diisopropyl Ether	ND	50	56	112		54	108		70-130	4		20
Tert-Butyl Alcohol	ND	250	220	88		190	76		70-130	15		20
Styrene	ND	100	96	96		93	93		70-130	3		20
Dichlorodifluoromethane	ND	50	27	54		25	50		36-147	8		20
Acetone	ND	50	88	**176**	Q	83	**166**	Q	58-148	6		20
Carbon disulfide	ND	50	48	96		48	96		51-130	0		20
2-Butanone	ND	50	100	**200**	Q	97	**194**	Q	63-138	3		20
4-Methyl-2-pentanone	ND	50	59	118		56	112		59-130	5		20

Matrix Spike Analysis

Batch Quality Control

Project Name: EMBASSY SUITES - DESTINY

Project Number: 18-00996N

Lab Number: L1961315

Report Date: 01/03/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1325577-6 WG1325577-7 QC Sample: L1961315-02 Client ID: SP-MW-43R												
2-Hexanone	ND	50	59	118		58	116		57-130	2		20
Bromochloromethane	ND	50	45	90		41	82		70-130	9		20
2,2-Dichloropropane	ND	50	16	**32**	Q	8.0J	**16**	Q	63-133	**67**	Q	20
1,2-Dibromoethane	ND	50	49	98		47	94		70-130	4		20
1,3-Dichloropropane	ND	50	52	104		50	100		70-130	4		20
1,1,1,2-Tetrachloroethane	ND	50	48	96		46	92		64-130	4		20
Bromobenzene	ND	50	49	98		48	96		70-130	2		20
n-Butylbenzene	3.8J	50	62	124		60	120		53-136	3		20
sec-Butylbenzene	ND	50	53	106		51	102		70-130	4		20
tert-Butylbenzene	ND	50	54	108		53	106		70-130	2		20
o-Chlorotoluene	ND	50	43	86		42	84		70-130	2		20
p-Chlorotoluene	ND	50	52	104		51	102		70-130	2		20
1,2-Dibromo-3-chloropropane	ND	50	45	90		43	86		41-144	5		20
Hexachlorobutadiene	ND	50	50	100		50	100		63-130	0		20
Isopropylbenzene	20	50	75	110		72	104		70-130	4		20
p-Isopropyltoluene	ND	50	68	**136**	Q	66	**132**	Q	70-130	3		20
Naphthalene	37	50	90	106		88	102		70-130	2		20
n-Propylbenzene	40	50	94	108		90	100		69-130	4		20
1,2,3-Trichlorobenzene	ND	50	48	96		48	96		70-130	0		20
1,2,4-Trichlorobenzene	ND	50	50	100		50	100		70-130	0		20
1,3,5-Trimethylbenzene	45	50	100	110		96	102		64-130	4		20
1,2,4-Trimethylbenzene	530	50	560	**60**	Q	560	**60**	Q	70-130	0		20
Ethyl-Tert-Butyl-Ether	ND	50	48	96		45	90		70-130	6		20

Matrix Spike Analysis

Batch Quality Control

Project Name: EMBASSY SUITES - DESTINY

Project Number: 18-00996N

Lab Number: L1961315

Report Date: 01/03/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1325577-6 WG1325577-7 QC Sample: L1961315-02 Client ID: SP-MW-43R												
Tertiary-Amyl Methyl Ether	ND	50	45	90		42	84		66-130	7		20
1,4-Dioxane	ND	2500	2600	104		2500	100		56-162	4		20
Freon-113	ND	50	46	92		43	86		70-130	7		20
Tetrahydrofuran	ND	50	56	112		55	110		58-130	2		20
Ethyl ether	ND	50	45	90		44	88		59-134	2		20
trans-1,4-Dichloro-2-butene	ND	50	39	78		36	72		70-130	8		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		105		70-130
4-Bromofluorobenzene	104		101		70-130
Dibromofluoromethane	88		88		70-130
Toluene-d8	101		100		70-130

Project Name: EMBASSY SUITES - DESTINY
Project Number: 18-00996N

Lab Number: L1961315
Report Date: 01/03/20

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1961315-01A	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-01B	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-01C	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-02A	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-02A1	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-02A2	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-02B	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-02B1	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-02B2	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-02C	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-02C1	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-02C2	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-03A	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-03B	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-03C	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-04A	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-04B	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-04C	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-05A	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-05B	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-05C	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-06A	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-06B	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: EMBASSY SUITES - DESTINY
Project Number: 18-00996N

Lab Number: L1961315
Report Date: 01/03/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1961315-06C	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-07A	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L1961315-07B	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	EMBASSY SUITES - DESTINY	**Lab Number:**	L1961315
Project Number:	18-00996N	**Report Date:**	01/03/20

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	EMBASSY SUITES - DESTINY	**Lab Number:**	L1961315
Project Number:	18-00996N	**Report Date:**	01/03/20

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	EMBASSY SUITES - DESTINY	**Lab Number:**	L1961315
Project Number:	18-00996N	**Report Date:**	01/03/20

Data Qualifiers

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	EMBASSY SUITES - DESTINY	**Lab Number:**	L1961315
Project Number:	18-00996N	**Report Date:**	01/03/20

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 12/21/19

ALPHA Job #: L1961315

Client Information
Client: JMT of NY
Address: 9 British American Blvd Latham NY 12110
Phone: 518-782-0886
Fax:
Email: kbeduk@JMT.com

Project Information
Project Name: Embassy Suites - Destry
Project Location: Syracuse NY
Project #: 15-009761N
(Use Project name as Project #) ☐
Project Manager: Paul Axtel
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS
VOCs 8260

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs 8260	Total Bottle	Sample Specific Comments
L1961315-01	SP-MW-41	12/20/19	14:45	GW	KO	X		
-02	SP-MW-43R		13:10			X		
-03	SP-MW-45		12:10			X		
-04	SP-MW-46		15:30			X		
-05	SP-MW-47		10:15			X		
-06	MS/MSD (SP MW-43R)		13:10			X		
-07	Dup		13:40			X		
-08	Trip Blank	12/20/19	15:45	GW	KO	X		

Container Type: V
Preservative: B

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	12/20 7:10pm		12/20/19 22:05
	12/20/19 22:05		12/21/19 01:15

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)