New York State Department of Environmental Conservation

# **Brownfield Cleanup Program Application SOLAR STREET OFFICE DEVELOPMENT**

**FOR** 

### HOLDER PROPERTIES, INC. / HP SYRACUSE, LLC

901, 931, 967 NORTH CLINTON STREET PROPERTIES
[FORMER OIL CITY PARCELS]
CITY OF SYRACUSE, ONONDAGA COUNTY, NY

#### Prepared for:

Holder Properties, Inc. / HP Syracuse, LLC
Attn: Andy Barfield
3300 Cumberland Boulevard, Suite 200
Atlanta, GA 30339

Prepared by:



19 Genesee Street Camillus, New York 13031 Ph: (315) 672-8726 Fax: (315) 672-8732

TDK Project No. 2019070

July 31, 2020 [Updated August 26, 2020]



# BROWNFIELD CLEANUP PROGRAM (BCP) APPLICATION FORM

DEC requires an application to request major changes to the description of the property set forth in a Brownfield Cleanup Agreement, or "BCA" (e.g., adding a significant amount of new property, or adding property that could affect an eligibility determination due to contamination levels or intended land use). Such application must be submitted and processed in the same manner as the original application, including the required public comment period. Is this an application to amend an existing BCA?				
Yes Vo	If yes, provide existin	•		
PART A (note: application is sepa	arated into Parts A and B for D	DEC review purposes) BCP App Rev	<u>/ 10</u>	
Section I. Requestor Information	on - See Instructions for Furth	her Guidance BCP SITE #:		
NAME Holder Properties, Inc.	. / HP Syracuse, LLC			
ADDRESS 3300 Cumberland	Blvd, Suite 200			
CITY/TOWN Atlanta, GA	ZIP	CODE 30339		
PHONE (770) 988-3110	FAX (770) 988-3105	E-MAIL abarfield@holderproperties.o	com	
<ul> <li>Is the requestor authorized to conduct business in New York State (NYS)?</li> <li>✓ Yes No</li> <li>If the requestor is a Corporation, LLC, LLP or other entity requiring authorization from the NYS Department of State to conduct business in NYS, the requestor's name must appear, exactly as given above, in the NYS Department of State's Corporation &amp; Business Entity Database. A print-out of entity information from the database must be submitted to the New York State Department of Environmental Conservation (DEC) with the application to document that the requestor is authorized to do business in NYS. Please note: If the requestor is an LLC, the members/owners names need to be provided on a separate attachment.</li> <li>Do all individuals that will be certifying documents meet the requirements detailed below? ✓ Yes No</li> <li>Individuals that will be certifying BCP documents, as well as their employers, meet the requirements of Section 1.5 of DER-10: Technical Guidance for Site Investigation and Remediation and Article 145 of New York State Education Law. Documents that are not properly certified will be not approved under the BCP.</li> </ul>				
Section II. Project Description				
1. What stage is the project start	ting at? Investigatio	n Remediation		
NOTE: If the project is proposed to start at the remediation stage, a Remedial Investigation Report (RIR) at a minimum is required to be attached, resulting in a 30-day public comment period. If an Alternatives Analysis and Remedial Work Plan are also attached (see DER-10 / Technical Guidance for Site Investigation and Remediation for further guidance) then a 45-day public comment period is required.				
2. If a final RIR is included, please verify it meets the requirements of Environmental Conservation Law				
(ECL) Article 27-1415(2): Yes No N/A				
3. Please attach a short description of the overall development project, including:				
the date that the remedial program is to start; and				
the date the Certificate of	f Completion is anticipated.	[Refer to Supplement Information - Section	n II]	

Section III. Property's En	ivironmental History			
All applications <b>must include</b> an Investigation Report (per ECL 27-1407(1)). The report must be sufficient to establish contamination of environmental media on the site above applicable Standards, Criteria and Guidance (SCGs) based on the reasonably anticipated use of the property.  To the extent that existing information/studies/reports are available to the requestor, please attach the following ( <i>please submit the information requested in this section in electronic format only</i> ):  1. Reports: an example of an Investigation Report is a Phase II Environmental Site Assessment report prepared in accordance with the latest American Society for Testing and Materials standard (ASTM E1903). Please submit a separate electronic copy of each report in Portable Document Format				
(PDF).  2. SAMPLING DATA: INDICE BEEN AFFECTED. LABOR				
Contaminant Category	Soil	Groundwater		Soil Gas
Petroleum	х	х		
Chlorinated Solvents		х		
Other VOCs	Х	Х		
SVOCs	Х			
Metals	Х	X		
Pesticides				
PCBs	Х			
Other*				
*Please describe:				
<ul> <li>3. FOR EACH IMPACTED MEDIUM INDICATED ABOVE, INCLUDE A SITE DRAWING INDICATING:</li> <li>SAMPLE LOCATION</li> <li>DATE OF SAMPLING EVENT</li> <li>KEY CONTAMINANTS AND CONCENTRATION DETECTED</li> <li>FOR SOIL, HIGHLIGHT IF ABOVE REASONABLY ANTICIPATED USE</li> <li>FOR GROUNDWATER, HIGHLIGHT EXCEEDANCES OF 6NYCRR PART 703.5</li> <li>FOR SOIL GAS/ SOIL VAPOR/ INDOOR AIR, HIGHLIGHT IF ABOVE MITIGATE LEVELS ON THE NEW YORK STATE DEPARTMENT OF HEALTH MATRIX</li> <li>THESE DRAWINGS ARE TO BE REPRESENTATIVE OF ALL DATA BEING RELIED UPON TO MAKE THE CASE THAT THE SITE IS IN NEED OF REMEDIATION UNDER THE BCP. DRAWINGS SHOULD NOT BE BIGGER THAN 11" X 17". THESE DRAWINGS SHOULD BE PREPARED IN ACCORDANCE WITH ANY GUIDANCE PROVIDED.</li> <li>ARE THE REQUIRED MAPS INCLUDED WITH THE APPLICATION?*  (*answering No will result in an incomplete application)</li> </ul>				
4. INDICATE PAST LAND USES (CHECK ALL THAT APPLY):				
☐ Coal Gas Manufacturing☐ Salvage Yard☐ Landfill	7 · · · · ·	Agricultural Co-op Pipeline Electroplating	☐ Dry Clean☐ Service St☐ Unknown	tation
Other:				
		2		

Section IV. Property Information - See Instructions for Further Guidance					
PROPOSED SITE NAME Solar Street Office Development					
ADDRESS/LOCATION 931, 901, 967 N. Clinton	Street				
CITY/TOWN Syracuse ZIP	CODE 13	3204			
MUNICIPALITY(IF MORE THAN ONE, LIST ALL): City	of Syrac	use			
COUNTY Onondaga	S	ITE SIZE (AC	RES) ~7.1		
LATITUDE (degrees/minutes/seconds) 43 ° 03 ' 45N "	LONG 76	ITUDE (degre	es/minutes/se	,	41W "
Complete tax map information for all tax parcels include proposed, please indicate as such by inserting "P/O" in include the acreage for that portion of the tax parcel in the PER THE APPLICATION INSTRUCTIONS.	front of th	e lot number	in the approp	riate box belo	ow, and only
Parcel Address		Section No.	Block No.	Lot No.	Acreage
11702-03.0, P/O 11706-01.2, P/O 1170	02-02.0				7.1
(see attached)					
Do the proposed site boundaries correspond to t If no, please attach an accurate map of the props				Yes _√ nt Information	No n - Exhibit 2]
2. Is the required property map attached to the application?					
3. Is the property within a designated Environmental Zone (En-zone) pursuant to Tax Law 21(b)(6)? (See DEC's website for more information)  Yes ✓ No □					
If yes, identify census tract : 1					
Percentage of property in En-zone (check one):	0-49	%	50-99%	100%	1
4. Is this application one of multiple applications for a large development project, where the development project spans more than 25 acres (see additional criteria in BCP application instructions)? ☐ Yes ✓ No					
If yes, identify name of properties (and site numbers if available) in related BCP applications:					
5. Is the contamination from groundwater or soil vapor solely emanating from property other than the site subject to the present application?  ☐ Yes ✓ No					
6. Has the property previously been remediated put ECL Article 56, or Article 12 of Navigation Law? If yes, attach relevant supporting documentation.		Titles 9, 13, o	or 14 of ECL	Article 27, Type	
7. Are there any lands under water? If yes, these lands should be clearly delineated of	n the site	map.		Ye	s 📝 No

Section IV. Property Information (continued)					
8. Are there any easements or existing rights of way that would preclude remediation in these areas?  If yes, identify here and attach appropriate information.  Yes V					
Easement/Right-of-way Holder		<u>Description</u>			
N/A	N/A				
List of Permits issued by the DEC or information)	USEPA Relating to the Proposed Site (ty	ype here or attach			
<u>Type</u>	Issuing Agency	<u>Description</u>			
N/A N/A	N/A				
10. Property Description and Environmenthe proper format of <u>each</u> narrative	ental Assessment – please refer to applice ve requested.	cation instructions for			
Are the Property Description and E	Environmental Assessment narratives inclu	uded Yes No			
in the <b>prescribed format</b> ?	[Refer	to Supplemental Information]			
Note: Questions 11 through 13 only pertain to sites located within the five counties comprising New York City					
credits?	ation that the site is eligible for tangible pr tions on the supplement at the end of this				
12. Is the Requestor now, or will the that the property is Upside Down	Requestor in the future, seek a deterrn?	mination Yes No			
of the value of the property, as o	nestion 12, above, is an independent apply the date of application, prepared under the roperty is not contaminated, included we have	der the			
<b>NOTE:</b> If a tangible property tax credit determination is not being requested in the application to participate in the BCP, the applicant may seek this determination at any time before issuance of a certificate of completion by using the BCP Amendment Application, <u>except</u> for sites seeking eligibility under the underutilized category.					
If any changes to Section IV are required prior to application approval, a new page, initialed by each requestor,					
must be submitted.					
Initials of each Requestor:					

BCP application - PART B(note: application is separated into Parts A and B for DEC review purposes) Section V. Additional Requestor Information BCP SITE NAME: BCP SITE #: See Instructions for Further Guidance NAME OF REQUESTOR'S AUTHORIZED REPRESENTATIVE Andrew Barfield ADDRESS 3300 Cumberland Blvd, Suite 200 CITY/TOWN Atlanta, Georgia **ZIP CODE 30339** PHONE 770-988-3110 FAX 770-988-3105 E-MAIL abarfield@holderproperties.com NAME OF REQUESTOR'S CONSULTANT Joseph Durand, P.E. / John Herrmann, P.E., TDK Engineering Associates, P.C. ADDRESS 19 Genesee Street CITY/TOWN Camillus, New York **ZIP CODE 13031** PHONE 315-672-8726 FAX 315-672-8732 E-MAIL idurand@tdkengineering.com NAME OF REQUESTOR'S ATTORNEY Thomas Fucillo, Barclay Damon, LLP ADDRESS Barclay Damon Tower, 125 East Jefferson Street **ZIP CODE 13202** CITY/TOWN Syracuse, New York PHONE 315-425-2700 FAX 315-425-2701 E-MAIL tfucillo@barclaydamon.com Section VI. Current Property Owner/Operator Information – if not a Requestor OWNERSHIP START DATE: 1987-88 CURRENT OWNER'S NAME (see attached list of owners) **ADDRESS** CITY/TOWN ZIP CODE FAX **PHONE** E-MAIL CURRENT OPERATOR'S NAME Pyramid Management Group, LLC ADDRESS The Clinton Exchange, 4 Clinton Square CITY/TOWN Syracuse, NY **ZIP CODE 13202** PHONE 315-634-7842 FAX 315-422-2717 E-MAIL DavidAitken@pyramidmg.com PROVIDE A LIST OF PREVIOUS PROPERTY OWNERS AND OPERATORS WITH NAMES, LAST KNOWN ADDRESSES AND TELEPHONE NUMBERS AS AN ATTACHMENT. DESCRIBE REQUESTOR'S RELATIONSHIP, TO EACH PREVIOUS OWNER AND OPERATOR, INCLUDING ANY RELATIONSHIP BETWEEN REQUESTOR'S CORPORATE MEMBERS AND PREVIOUS OWNER AND OPERATOR. IF NO RELATIONSHIP, PUT "NONE". [Refer to Supplemental Information - Section VI] IF REQUESTOR IS NOT THE CURRENT OWNER, DESCRIBE REQUESTOR'S RELATIONSHIP TO THE CURRENT OWNER, INCLUDING ANY RELATIONSHIP BETWEEN REQUESTOR'S CORPORATE MEMBERS AND THE **CURRENT OWNER.** Section VII. Requestor Eligibility Information (Please refer to ECL § 27-1407) If answering "yes" to any of the following questions, please provide an explanation as an attachment. 1. Are any enforcement actions pending against the requestor regarding this site? Yes | ✓ No 2. Is the requestor subject to an existing order for the investigation, removal or remediation of contamination at the site? 3. Is the requestor subject to an outstanding claim by the Spill Fund for this site? Any questions regarding whether a party is subject to a spill claim should be discussed with the Spill Fund Administrator. Yes No

Section VII. Requestor Eligibility Information (continued)				
4.	. Has the requestor been determined in an administrative, civil or criminal proceeding to be in violation of i) any provision of the ECL Article 27; ii) any order or determination; iii) any regulation implementing Title 14; or iv) any similar statute, regulation of the state or federal government? If so, provide an			
	application, such as name, address, DEC assigned site number, the reason for denial, and other			
	relevant information. ☐ Yes ☑ No  Has the requestor been found in a civil proceeding to have committed a negligent or intentionally tortious act involving the handling, storing, treating, disposing or transporting of contaminants? ☐ Yes ☑ No			
	Has the requestor been convicted of a criminal offer or transporting of contaminants; or ii) that involves a	ise i) involving the handling, storing, treating, disposing violent felony, fraud, bribery, perjury, theft, or offense Article 195 of the Penal Law) under federal law or the   ☐ Yes ✓ No		
8. 9.	Has the requestor knowingly falsified statements or concealed material facts in any matter within the jurisdiction of DEC, or submitted a false statement or made use of or made a false statement in connection with any document or application submitted to DEC?  ☐ Yes ✓ No  Is the requestor an individual or entity of the type set forth in ECL 27-1407.9 (f) that committed an act or failed to act, and such act or failure to act could be the basis for denial of a BCP application? ☐ Yes ✓ No			
10.	10. Was the requestor's participation in any remedial program under DEC's oversight terminated by DEC or by a court for failure to substantially comply with an agreement or order?  ☐ Yes ✓ No			
11.	Are there any unregistered bulk storage tanks on-si	te which require registration? ☐ Yes ✓No		
THE REQUESTOR MUST CERTIFY THAT HE/SHE IS EITHER A PARTICIPANT OR VOLUNTEER IN ACCORDANCE WITH ECL 27-1405 (1) BY CHECKING ONE OF THE BOXES BELOW:				
PARTICIPANT  A requestor who either 1) was the owner of the site at the time of the disposal of hazardous waste or discharge of petroleum or 2) is otherwise a person responsible for the contamination, unless the liability		VOLUNTEER A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of hazardous waste or discharge of petroleum.		
ari: inv	ses solely as a result of ownership, operation of, or olvement with the site subsequent to the disposal nazardous waste or discharge of petroleum.	NOTE: By checking this box, a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site certifies that he/she has exercised appropriate care with respect to the hazardous waste found at the facility by taking reasonable steps to: i) stop any continuing discharge; ii) prevent any threatened future release; iii) prevent or limit human, environmental, or natural resource exposure to any previously released hazardous waste.		
		If a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site, submit a statement describing why you should be considered a volunteer – be specific as to the appropriate care taken.		

Se	Section VII. Requestor Eligibility Information (continued)			
	questor Relationship to Property (check one): Previous Owner ☐ Current Owner ☑ Potential /Future Purchaser ☐ Other			
be	equestor is not the current site owner, <b>proof of site access sufficient to complete the remediation must submitted</b> . Proof must show that the requestor will have access to the property before signing the BCA d throughout the BCP project, including the ability to place an easement on the site. Is this proof attached?			
	Yes No [Refer to Supplemental Information - Document D]			
No	te: a purchase contract does not suffice as proof of access.			
Se	ction VIII. Property Eligibility Information - See Instructions for Further Guidance			
1.	Is / was the property, or any portion of the property, listed on the National Priorities List?  If yes, please provide relevant information as an attachment.  ☐ Yes ✓ No			
2.	Is / was the property, or any portion of the property, listed on the NYS Registry of Inactive Hazardous Waste Disposal Sites pursuant to ECL 27-1305?  If yes, please provide:  Site # Class #			
3.	Is / was the property subject to a permit under ECL Article 27, Title 9, other than an Interim Status facility?  If yes, please provide: Permit type: EPA ID Number: Permit expiration date:			
4.	If the answer to question 2 or 3 above is yes, is the site owned by a volunteer as defined under ECL 27-1405(1)(b), or under contract to be transferred to a volunteer? Attach any information available to the requestor related to previous owners or operators of the facility or property and their financial viability, including any bankruptcy filing and corporate dissolution documentation.			
5.	Is the property subject to a cleanup order under Navigation Law Article 12 or ECL Article 17 Title 10?  If yes, please provide: Order #Yes ✓ No			
6.	Is the property subject to a state or federal enforcement action related to hazardous waste or petroleum? If yes, please provide explanation as an attachment. ☐ Yes ✓ No			
Se	ction IX. Contact List Information			
2. 3. 4. 5. 6.	be considered complete, the application must include the Brownfield Site Contact List in accordance with FR-23 / Citizen Participation Handbook for Remedial Programs. Please attach, at a minimum, the names diaddresses of the following:  The chief executive officer and planning board chairperson of each county, city, town and village in which the property is located.  Residents, owners, and occupants of the property and properties adjacent to the property.  Local news media from which the community typically obtains information.  The public water supplier which services the area in which the property is located.  Any person who has requested to be placed on the contact list.  The administrator of any school or day care facility located on or near the property.  The location of a document repository for the project (e.g., local library). If the site is located in a city with a population of one million or more, add the appropriate community board as an additional document repository. In addition, attach a copy of an acknowledgement from each repository indicating that it agrees to act as the document repository for the site.  [Refer to Supplemental Information - Exhibits 9 & 10]			

Section X. Land Use Factors	
1. What is the current municipal zoning designation for the site?  What uses are allowed by the current zoning? (Check boxes, below)  □ Residential □ Commercial □ Industrial  If zoning change is imminent, please provide documentation from the appropriate zoning a	
2. Current Use: ☐ Residential ☐ Commercial ☐ Industrial ✓ Vacant ☐ Recreational (checapply) [Refer to Supplement Information] Attach a summary of current business operations or uses, with an emphasis on iden possible contaminant source areas. If operations or uses have ceased, provide the design of the summary of current business operations or uses have ceased.	
3. Reasonably anticipated use Post Remediation: ☐ Residential ☑ Commercial ☐ Industrial that apply) Attach a statement detailing the specific proposed use. [Refer to Supplem	(check all nent Information]
If residential, does it qualify as single family housing?	∐Yes
4. Do current historical and/or recent development patterns support the proposed use?	<b>√</b> Yes No
5. Is the proposed use consistent with applicable zoning laws/maps? Briefly explain below, or attach additional information and documentation if necessary.	<b>√</b> Yes No
6. Is the proposed use consistent with applicable comprehensive community master plans, local waterfront revitalization plans, or other adopted land use plans? Briefly explain below, or attach additional information and documentation if necessary.	V Yes No

XI. Statement of Certification and Signatures			
(By requestor who is an individual)			
If this application is approved, I hererby acknowledge and agree: (1) to execute a Brownfield Cleanup Agreement (BCA) within 60 days of the date of DEC's approval letter; (2) to the general terms and conditions set forth in the <i>DER-32</i> , <i>Brownfield Cleanup Program Applications and Agreements</i> ; and (3) that in the event of a conflict between the general terms and conditions of participation and the terms contained in a site-specific BCA, the terms in the site-specific BCA shall control. Further, I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law.			
Date: Signature:			
Print Name:			
(By a requestor other than an individual)			
I hereby affirm that I am Manager (title) of HP Syracuse, LLC (entity); that I am authorized by that entity to make this application and execute the Brownfield Cleanup Agreement (BCA) and all subsequent amendments; that this application was prepared by me or under my supervision and direction. If this application is approved, I acknowledge and agree: (1) to execute a BCA within 60 days of the date of DEC's approval letter; (2) to the general terms and conditions set forth in the DER-32, Brownfield Cleanup Program Applications and Agreements; and (3) that in the event of a conflict between the general terms and conditions of participation and the terms contained in a site-specific BCA, the terms in the site-specific BCA shall control. Further, I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.  Date: 4/31/26 Signature: Print Name: Signature:			
SUBMITTAL INFORMATION:			
<ul> <li>Two (2) copies, one paper copy with original signatures and one electronic copy in Portable Document Format (PDF), must be sent to:</li> </ul>			
o Chief, Site Control Section			
<ul> <li>New York State Department of Environmental Conservation</li> </ul>			
Division of Environmental Remediation			
625 Broadway     Albany NV 13333 7030			
o Albany, NY 12233-7020			
FOR DEC USE ONLY BCP SITE T&A CODE: LEAD OFFICE:			

XI. Statement of Certification and Signatures			
(By requestor who is an individual)			
If this application is approved, I hererby acknowledge and agree: (1) to execute a Brownfield Cleanup Agreement (BCA) within 60 days of the date of DEC's approval letter; (2) to the general terms and conditions set forth in the <i>DER-32</i> , <i>Brownfield Cleanup Program Applications and Agreements</i> ; and (3) that in the event of a conflict between the general terms and conditions of participation and the terms contained in a site-specific BCA, the terms in the site-specific BCA shall control. Further, I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law.			
Date: Signature:			
Print Name:			
(By a requestor other than an individual)			
I hereby affirm that I am Vice President (title) of Holder Properties, Inc. (entity); that I am authorized by that entity to make this application and execute the Brownfield Cleanup Agreement (BCA) and all subsequent amendments; that this application was prepared by me or under my supervision and direction. If this application is approved, I acknowledge and agree: (1) to execute a BCA within 60 days of the date of DEC's approval letter; (2) to the general terms and conditions set forth in the DER-32, Brownfield Cleanup Program Applications and Agreements; and (3) that in the event of a conflict between the general terms and conditions of participation and the terms contained in a site-specific BCA, the terms in the site-specific BCA shall control. Further, I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.  Date: 1/31/20 Signature: 4 Signatur			
SUBMITTAL INFORMATION:			
<ul> <li>Two (2) copies, one paper copy with original signatures and one electronic copy in Portable Document Format (PDF), must be sent to:</li> </ul>			
Chief, Site Control Section			
<ul> <li>New York State Department of Environmental Conservation</li> </ul>			
<ul> <li>Division of Environmental Remediation</li> </ul>			
o 625 Broadway			
o Albany, NY 12233-7020			
FOR DEC USE ONLY BCP SITE T&A CODE: LEAD OFFICE:			

# Supplemental Questions for Sites Seeking Tangible Property Credits in New York City ONLY. Sufficient information to demonstrate that the site meets one or more of the criteria identified in ECL 27 1407(1-a) must be submitted if requestor is seeking this determination.

### BCP App Rev 10

BCP App Rev 10		
Property is in Bronx, Kings, New York, Queens, or Richmond counties.		☐ Yes ☐ No
Requestor seeks a determination that the site is eligible for the tangible brownfield redevelopment tax credit.	e property credit c	omponent of the Yes No
Please answer questions below and provide documentation necess	ary to support an	swers.
Is at least 50% of the site area located within an environmental zone Please see <a href="DEC's website">DEC's website</a> for more information.	pursuant to NYS 1	ax Law 21(b)(6)? Yes No
2. Is the property upside down or underutilized as defined below?	Upside Down?	Yes No
From ECL 27-1405(31):	Underutilized?	☐ Yes ☐ No
"Upside down" shall mean a property where the projected and incurre remediation which is protective for the anticipated use of the property equipercent of its independent appraised value, as of the date of submission in the brownfield cleanup program, developed under the hypothetical concontaminated.	uals or exceeds sof the application	eventy-five for participation
From 6 NYCRR 375-3.2(I) as of August 12, 2016: (Please note: Eligib underutilized category can only be made at the time of application)	ility determination	for the
(I) "Underutilized" means, as of the date of application, real prifty percent of the permissible floor area of the building or buildings have been used under the applicable base zoning for at least three which zoning has been in effect for at least three years; and (1) the proposed use is at least 75 percent for industrial uses; or (2) at which: (i) the proposed use is at least 75 percent for commercial or commercial the proposed development could not take place without substancertified by the municipality in which the site is located; and (iii) one or more of the following conditions exists, as certified by the (a) property tax payments have been in arrears for at least five year application; (b) a building is presently condemned, or presently exhibits docume certified by a professional engineer, which present a public health of (c) there are no structures.  "Substantial government assistance" shall mean a substantial loan, land purchase cost exemption or waiver, or tax credit, or some common governmental entity.	ercial and industratial government as immediately prented structural dor safety hazard;	e applicant to e application, ial uses; assistance, as rior to the leficiencies, as or

Su	Supplemental Questions for Sites Seeking Tangible Property Credits in New York City (continued)			
3.	If you are seeking a formal determination as to whether your project is eligible for Tangible Property Tax Credits based in whole or in part on its status as an affordable housing project (defined below), you must attach the regulatory agreement with the appropriate housing agency (typically, these would be with the New York City Department of Housing, Preservation and Development; the New York State Housing Trust Fund Corporation; the New York State Department of Housing and Community Renewal; or the New York State Housing Finance Agency, though other entities may be acceptable pending Department review). Check appropriate box, below:			
	☐ Project is an Affordable Housing Project - Regulatory Agreement Attached;			
	Project is Planned as Affordable Housing, But Agreement is Not Yet Available* (*Checking this box will result in a "pending" status. The Regulatory Agreement will need to be provided to the Department and the Brownfield Cleanup Agreement will need to be amended prior to issuance of the CoC in order for a positive determination to be made.);			
	☐ This is Not an Affordable Housing Project.			
Fr	om 6 NYCRR 375- 3.2(a) as of August 12, 2016:			
se	) "Affordable housing project" means, for purposes of this part, title fourteen of article twenty even of the environmental conservation law and section twenty-one of the tax law only, a project at is developed for residential use or mixed residential use that must include affordable sidential rental units and/or affordable home ownership units.			
re(	(1) Affordable residential rental projects under this subdivision must be subject to a federal, ate, or local government housing agency's affordable housing program, or a local government's gulatory agreement or legally binding restriction, which defines (i) a percentage of the residential intal units in the affordable housing project to be dedicated to (ii) tenants at a defined maximum ercentage of the area median income based on the occupants' households annual gross income.			
re	(2) Affordable home ownership projects under this subdivision must be subject to a federal, ate, or local government housing agency's affordable housing program, or a local government's gulatory agreement or legally binding restriction, which sets affordable units aside for home where at a defined maximum percentage of the area median income.			
sta	(3) "Area median income" means, for purposes of this subdivision, the area median income the primary metropolitan statistical area, or for the county if located outside a metropolitan attistical area, as determined by the United States department of housing and urban velopment, or its successor, for a family of four, as adjusted for family size.			

BCP Application Summary (for DEC use only)				
Site Name: Solar Street Office Development City: Syracuse	Site Address: 93 County: Ononc		inton Street <b>Zip:</b> 13204	
Tax Block & Lot Section (if applicable): Blo	ock:	Lot:		
Requestor Name: Holder Properties, Inc. / City: Atlanta, GA	HP Syracuse, LLC <b>Requ</b> <b>Zip:</b> 3		3300 Cumberland Blvd, Suite 200  Email: abarfield@holderproperties.com	
Requestor's Representative (for billing Name: Andrew Barfield Add City: Atlanta, Georgia	dress: 3300 Cumberland	d Blvd, Suite 200 30339	Email: abarfield@holderproperties.com	
Requestor's Attorney Name: Thomas Fucillo, Barclay Damon, LLP Add City: Syracuse, New York	•	ower, 125 East Je 3: 13202	efferson Street Email: tfucillo@barclaydamon.com	
Requestor's Consultant Name: Joseph Durand, P.E., John Hermann, P.E., TDK Engineering Associates, P.C. Address: 19 Genesee Street City: Camillus, New York  Percentage claimed within an En-Zone: □ 0% □ <50% □ 50-99% ✓ 100%  DER Determination: □ Agree □ Disagree  Requestor's Requested Status: ✓ Volunteer □ Participant  DER/OGC Determination: □ Agree □ Disagree				
Notes: For NYC Sites, is the Requestor Seeking Tangible Property Credits: $\square_{Yes}$ $\square_{No}$				
Does Requestor Claim Property is Upside Down: ☐ Yes ☐ No  DER/OGC Determination: ☐ Agree ☐ Disagree ☐ Undetermined  Notes:				
Does Requestor Claim Property is DER/OGC Determination: ☐ Agree Notes:	_	<del></del>		
Does Requestor Claim Affordable Housing Status:       Yes       No       Planned, No Contract         DER/OGC Determination:       □ Agree       □ Disagree       □ Undetermined         Notes:				

# BROWNFIELD CLEANUP PROGRAM (BCP) INSTRUCTIONS FOR COMPLETING A BCP APPLICATION

The New York State Department of Environmental Conservation (DEC) strongly encourages all applicants to schedule a pre-application meeting with DEC staff to review the benefits, requirements, and procedures for completing a project in the BCP. Contact your <u>Regional office</u> to schedule a meeting. To add a party to an existing BCP Agreement and/or Application, use the <u>BCP Agreement Amendment Application</u>. See guidance at the end of these instructions regarding the determination of a complete application.

#### **SECTION I**

#### REQUESTOR INFORMATION

#### Requestor Name

Provide the name of the person(s)/entity requesting participation in the BCP. (If more than one, attach additional sheets with requested information. If an LLC, the members/owners names need to be provided on a separate attachment). The requestor is the person or entity seeking DEC review and approval of the remedial program.

If the requestor is a Corporation, LLC, LLP or other entity requiring authorization from the NYS Department of State to conduct business in NYS, the requestor's name must appear exactly as given in the <a href="NYS">NYS</a>, the requestor's name must appear exactly as given in the <a href="NYS">NYS</a>. Department of State's Corporation & Business Entity Database. A print-out of entity information from the database must be submitted to DEC with the application, to document that the requestor is authorized to do business in NYS.

#### Address, etc.

Provide the requestor's mailing address, telephone number; fax number and e-mail address.

#### **Document Certification**

All documents, which are prepared in final form for submission to DEC for approval, are to be prepared and certified in accordance with Section 1.5 of <u>DER-10</u>. Persons preparing and certifying the various work plans and reports identified in Section 1.5 include:

- New York State licensed professional engineers (PEs), as defined at 6 NYCRR 375-1.2(aj) and paragraph 1.3(b)47. Engineering documents must be certified by a PE with current license and registration for work that was done by them or those under their direct supervision. The firm by which the PE is employed must also be authorized to practice engineering in New York State;
- qualified environmental professionals as defined at 6 NYCRR 375-1.2(ak) and DER-10 paragraph 1.3(b)49;
- remedial parties, as defined at 6 NYCRR 375-1.2(ao) and DER-10 paragraph 1.3(b)60; or
- site owners, which are the owners of the property comprising the site at the time of the certification.

#### SECTION II PROJECT DESCRIPTION

As a <u>separate attachment</u>, provide complete and detailed information about the project, including the purpose of the project, the date the remedial program is to start, and the date the Certificate of Completion is anticipated..

#### SECTION III PROPERTY'S ENVIRONMENTAL HISTORY

Please follow instructions on application form.

#### SECTION IV PROPERTY INFORMATION

#### Proposed Site Name

Provide a name for the proposed site. The name could be an owner's name, current or historical operations (i.e. ABC Furniture) or the general location of the property. Consider whether the property is known by DEC by a particular name, and if so, use that name.

#### Site Address

Provide a street address, city/town, zip code, and each municipality and county in which the site is located. .

#### Site Size

Provide the approximate acreage of the site.

#### **GIS** Information

Provide the latitude and longitude for the approximate center of the property. Show the latitude and longitude in degrees, minutes and seconds.

#### Tax Parcel Information

Provide the tax parcel address/section/block/lot information and map. Tax map information may be obtained from the tax assessor's office for all tax parcels that are included in the property boundaries. Attach a county tax map with identifier numbers, along with any figures needed to show the location and boundaries of the property. Include a USGS 7.5 minute quad map on which the property appears and clearly indicate the proposed site's location.

#### 1. Tax Map Boundaries

State whether the boundaries of the site correspond to the tax map boundaries. If no, a metes and bounds description of the property must be attached. The site boundary can occupy less than a tax lot or encompass portions of one or more tax lots and may be larger or smaller than the overall redevelopment/ reuse project area. A site survey with metes and bounds will be required to establish the site boundaries before the Certificate of Completion can be issued.

#### 2. Map

Provide a property base map(s) of sufficient detail, clarity and accuracy to show the following: i) map scale, north arrow orientation, date, and location of the property with respect to adjacent streets and roadways; and ii) proposed brownfield property boundary lines, with adjacent property owners clearly identified.

#### **SECTION IV (continued)**

#### 3. En-zone

Is any part of the property in an En-zone? If so, what percentage? For information on En-zones, please see DEC's website.

#### 4. Multiple applications

Generally, only one application can be submitted, and one BCA executed, for a development project. In limited circumstances, the DEC may consider multiple applications/BCAs for a development project where 1) the development project spans more than 25 acres; 2) the approach does not negatively impact the remedial program, including timing, ability to appropriately address areas of concern, and management of off-site concerns; and 3) the approach is not advanced to increase the value of future tax credits (i.e., circumvent the tax credit caps provided under New York State Tax Law Section 21).

#### 10. Property Description Narrative

Provide a property description in the format provided below. Each section should be no more than one paragraph long.

#### Location

Example: "The XYZ Site is located in an {urban, suburban, rural} area." {Add reference points if address is unspecific; e.g., "The site is approximately 3.5 miles east of the intersection of County Route 55 and Industrial Road."}

#### Site Features:

Example: "The main site features include several large abandoned buildings surrounded by former parking areas and roadways. About one quarter of the site area is wooded. Little Creek passes through the northwest corner."

Current Zoning and Land Use: (Ensure the current zoning is identified.)

Example: "The site is currently inactive, and is zoned for commercial use. The surrounding parcels are currently used for a combination of commercial, light industrial, and utility right-of-ways. The nearest residential area is 0.3 miles east on Route 55."

<u>Past Use of the Site</u>: include source(s) of contamination and remedial measures (site characterizations, investigations, Interim Remedial Measures, etc.) completed outside of the current remedial program (e.g., work under a petroleum spill incident).

Example: "Until 1992 the site was used for manufacturing wire and wire products (e.g., conduit, insulators) and warehousing. Prior uses that appear to have led to site contamination include metal plating, machining, disposal in a one-acre landfill north of Building 7, and releases of wastewater into a series of dry wells."

When describing the investigations/actions performed outside of the remedial program, include the major chronological remedial events that lead to the site entering a remedial program. The history should include the first involvement by government to address hazardous waste/petroleum disposal. Do not cite reports. Only include remedial activities which were implemented PRIOR to the BCA. Do not describe sampling information.

#### **SECTION IV (continued)**

Property Description Narrative (continued)

#### Site Geology and Hydrogeology:

As appropriate, provide a very brief summary of the main hydrogeological features of the site including depth to water, groundwater flow direction, etc.

#### **Environmental Assessment**

The goal of this section is to describe the nature and extent of contamination at the site. When describing the nature of contamination, identify just the primary contaminants of concern (i.e., those that will likely drive remedial decisions/ actions). If there are many contaminants present within a group of contaminants (i.e., volatile organic compounds, semivolatile organic compounds, metals), identify the group(s) and one or two representative contaminants within the group. When addressing the extent of contamination, identify the areas of concern at the site, contaminated media (i.e., soil, groundwater, etc.), relative concentration levels, and a broad-brush description of contaminated areas/depths.

The reader should be able to know if contamination is widespread or limited and if concentrations are marginally or greatly above Standards, Criteria and Guidance (SGCs) for the primary contaminants. If the extent is described qualitatively (e.g., low, medium, high), representative concentrations should be given and compared with appropriate SCGs. For soil contamination, the concentrations should be compared with the soil cleanup objectives (SCOs) for the intended use of the site.

#### A typical Environmental Assessment would look like the following:

Based upon investigations conducted to date, the primary contaminants of concern for the site include cadmium and trichloroethene (TCE).

Soil - Cadmium is found in shallow soil, mostly near a dry well at the northeast end of the property. TCE is found in deeper soil, predominantly at the north end of the site. Concentrations of cadmium found on site (approximately 5 ppm) slightly exceed the soil cleanup objective (SCO) for unrestricted use (2.5 ppm). Concentrations of TCE found on site (5 ppm to 300 ppm) significantly exceed the soil cleanup objectives for the protection of groundwater (0.47 ppm).

Groundwater - TCE and its associated degradation products are also found in groundwater at the north end of the site, moderately exceeding groundwater standards (typically 5 ppb), with a maximum concentration of 1500 ppb. A moderate amount of TCE from the site has migrated 300 feet down-gradient off-site. The primary contaminant of concern for the off-site area is TCE, which is present at a maximum concentration of 500 ppb, at 10 feet below the groundwater table near Avenue A.

Soil Vapor & Indoor Air - TCE was detected in soil vapor at elevated concentrations and was also detected in indoor air at concentrations up to 1,000 micrograms per cubic meter.

If any changes to Section IV are required prior to application approval, a new page, initialed by each requestor, must be submitted.

#### **SECTION V**

#### ADDITIONAL REQUESTOR INFORMATION

#### Representative Name, Address, etc.

Provide information for the requestor's authorized representative. This is the person to whom all correspondence, notices, etc. will be sent, and who will be listed as the contact person in the BCA. Invoices will be sent to the representative of Applications determined to be Participants unless another contact name and address is provided with the application.

#### Consultant and Attorney Name, Address, etc.

Provide requested information.

# SECTION VI CURRENT PROPERTY OWNER/OPERATOR INFORMATION (IF NOT A REQUESTOR)

Owner Name, Address, etc.

Provide requested information of the current owner of the property. List <u>all</u> parties holding an interest in the Property and, if the Requestor is not the current owner, describe the Requestor's relationship to the current owner.

#### Operator Name, Address, etc.

Provide requested information of the current operator (if different from the requestor or owner).

Provide a list of previous property owners and operators with names, last known addresses, telephone numbers and the Requestor's relationship to each owner and operator as a separate attachment

#### SECTION VII REQUESTOR ELIGIBILITY INFORMATION

As a <u>separate attachment</u>, provide complete and detailed information in response to any eligibility questions answered in the affirmative. It is permissible to reference specific sections of existing property reports; however, it is requested that such information be summarized. For properties with multiple addresses or tax parcels, please include this information for each address or tax parcel.

#### SECTION VIII PROPERTY ELIGIBILITY INFORMATION

As a <u>separate attachment</u>, provide complete and detailed information in response to the following eligibility questions answered in the affirmative. It is permissible to reference specific sections of existing property reports; however, it is requested that that information be summarized.

#### 1. CERCLA / NPL Listing

Has any portion of the property ever been listed on the National Priorities List (NPL) established under CERCLA? If so, provide relevant information.

#### 2. Registry Listing

Has any portion of the property ever been listed on the New York State Registry of Inactive Hazardous Waste Disposal Sites established under ECL 27-1305? If so, please provide the site number and classification. See the Division of Environmental Remediation (DER) website for a database of sites with classifications.

#### 3. RCRA Listing

Does the property have a Resource Conservation and Recovery Act (RCRA) TSDF Permit in accordance with the ECL 27-0900 *et seq*? If so, please provide the EPA Identification Number, the date the permit was issued, and its expiration date. Note: for purposes of this application, interim status facilities are not deemed to be subject to a RCRA permit.

#### 4. Registry / RCRA sites owned by volunteers

If the answer to question 2 or 3 above is yes, is the site owned by a volunteer as defined under ECL 27-1405(1)(b), or under contract to be transferred to a volunteer? Attach any information available to the requestor related to previous owners or operators of the facility or property and their financial viability, including any bankruptcy filing and corporate dissolution documentation.

#### **SECTION VIII (continued)**

#### 5. Existing Order

Is the property subject to an order for cleanup under Article 12 of the Navigation Law or Article 17 Title 10 of the ECL? If so, please provide information on an attachment. Note: if the property is subject to a stipulation agreement, relevant information should be provided; however, property will not be deemed ineligible solely on the basis of the stipulation agreement.

#### 6. Enforcement Action Pending

Is the property subject to an enforcement action under Article 27, Titles 7 or 9 of the ECL or subject to any other ongoing state or federal enforcement action related to the contamination which is at or emanating from the property? If so, please provide information on an attachment.

#### SECTION IX CONTACT LIST INFORMATION

Provide the names and addresses of the parties on the Site Contact List (SCL) and a letter from the repository acknowledging agreement to act as the document repository for the proposed BCP project.

#### SECTION X LAND USE FACTORS

In addition to eligibility information, site history, and environmental data/reports, the application requires information regarding the current, intended and reasonably anticipated future land use.

- 1. This information consists of responses to the "land use" factors to be considered relative to the "Land Use" section of the BCP application. The information will be used to determine the appropriate land use in conjunction with the investigation data provided, in order to establish eligibility for the site based on the definition of a "brownfield site" pursuant to ECL 27-1405(2).
- 2. This land use information will be used by DEC, in addition to all other relevant information provided, to determine whether the proposed use is consistent with the currently identified, intended and reasonably anticipated future land use of the site at this stage. Further, this land use finding is subject to information regarding contamination at the site or other information which could result in the need for a change in this determination being borne out during the remedial investigation.

#### SECTION XI SIGNATURE PAGE

The Requestor must sign the application, or designate a representative who can sign. The requestor's consultant or attorney cannot sign the application. If there are multiple parties applying, then each must sign a signature page. If the requestor is a Corporation, LLC, LLP or other entity requiring authorization from the NYS Department of State to conduct business in NYS, the entity's name must appear exactly as given in the NYS Department of State's Corporation & Business Entity Database.

#### **DETERMINATION OF A COMPLETE APPLICATION**

- 1. The first step in the application review and approval process is an evaluation to determine if the application is complete. To help ensure that the application is determined complete, requestors should review the list of common application deficiencies and carefully read these instructions.
- 2. DEC will send a notification to the requestor within 30 calendar days of receiving the application, indicating whether such application is complete or incomplete.
- 3. An application must include the following information relative to the site identified by the application, necessary for making an eligibility determination, or it will be deemed incomplete. (**Please note:** the application *as a whole* requires more than the information outlined below to be determined complete). The application must include:
  - a. for all sites, an investigation report sufficient to demonstrate the site requires remediation in order to meet the requirements of the program, and that the site is a brownfield site at which contaminants are 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. Required data includes site drawings requested in Section III, #3 of the BCP application form.
  - b. for those sites described below, documentation relative to the volunteer status of all requestors, as well as information on previous owners or operators that may be considered responsible parties **and** their ability to fund remediation of the site. This documentation is required for:
    - i. real property listed in the registry of inactive hazardous waste disposal sites as a class 2 site, which may be eligible provided that DEC has not identified any responsible party for that property having the ability to pay for the investigation or cleanup of the property prior to the site being accepted into the BCP; or
    - ii. real property that was a hazardous waste treatment, storage or disposal facility having interim status pursuant to the Resource Conservation and Recovery Act (RCRA) program, which may be eligible provided that DEC has not identified any responsible party for that property having the ability to pay for the investigation or cleanup of the property prior to the site being accepted into the BCP.
  - c. for sites located within the five counties comprising New York City, in addition to (a) and if applicable (b) above, if the application is seeking a determination that the site is eligible for tangible property tax credits, sufficient information to demonstrate that the site meets one or more of the criteria identified in ECL 27 1407(1-a). If this determination is not being requested in the application to participate in the BCP, the applicant may seek this determination at any time before issuance of a certificate of completion, using the BCP Amendment Application, except for sites seeking eligibility under the underutilized category.
  - d. for sites previously remediated pursuant to Titles 9, 13, or 14 of ECL Article 27, Title 5 of ECL Article 56, or Article 12 of Navigation Law, relevant documentation of this remediation.

#### **DETERMINATION OF A COMPLETE APPLICATION (continued)**

- 4. If the application is found to be incomplete:
  - a. the requestor will be notified via email or phone call regarding minor deficiencies. The requestor must submit information correcting the deficiency to DEC within the 30-day review time frame; or
  - b. the requestor will receive a formal Letter of Incomplete Application (LOI) if an application is substantially deficient, if the information needed to make an eligibility determination identified in #4 above is missing or found to be incomplete, or if a response to a minor deficiency is not received within the 30-day period. The LOI will detail all of the missing information and request submission of the information. If the information is not submitted within 30 days from the date of the LOI, the application will be deemed withdrawn. In this case, the requestor may resubmit the application without prejudice.
- 5. If the application is determined to be complete, DEC will send a Letter of Complete Application (LOC) that includes the dates of the public comment period. The LOC will:
  - a. include an approved public notice to be sent to all parties on the Contact List included with the application;
  - b. provide instructions for publishing the public notice in the newspaper on the date specified in the letter, and instructions for mailing the notice to the Contact List;
  - c. identify the need for a certification of mailing form to be returned to DEC along with proof of publication documentation; and
  - d. specify the deadline for publication of the newspaper notice, which must coincide with, or occur before, the date of publication in the Environmental Notice Bulletin (ENB).
    - DEC will send a notice of the application to the ENB. As the ENB is only published on Wednesdays, DEC must submit the notice by the Wednesday before it is to appear in the ENB.
    - ii. The mailing to parties on the Contact List must be completed no later than the Tuesday prior to ENB publication. If the mailings, newspaper notice and ENB notice are not completed within the time-frames established by the LOC, the public comment period on the application will be extended to insure that there will be the required comment period.
    - iii. Marketing literature or brochures are prohibited from being included in mailings to the Contact List.



New York State Department of Environmental Conservation

# Brownfield Cleanup Program Application Supplemental Information

### **SOLAR STREET OFFICE DEVELOPMENT**

FOR

### HOLDER PROPERTIES, INC. / HP SYRACUSE, LLC

901, 931, 967 NORTH CLINTON STREET PROPERTIES

[FORMER OIL CITY PARCELS]

CITY OF SYRACUSE, ONONDAGA COUNTY, NY

July 31, 2020 [Updated August 26, 2020]

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#### SECTION I REQUESTOR INFORMATION

See Documents A and B for information confirming that the requestors are authorized to do business in New York State.

[August 26, 2020 Update] HP Syracuse, LLC member/owner information:

→ Response: John R. Holder, a Georgia resident, is the sole and 100% member / owner of HP Syracuse, LLC.

#### SECTION II PROJECT DESCRIPTION

Holder Properties, Inc. / HP Syracuse, LLC (Holder) proposes to develop a 7.1-acre tract of land (Site) into a large-scale office complex. The subject Site is located within the former Oil City section of Syracuse, New York that is presently comprised of three separate parcels. The Brownfield Cleanup Program (BCP) *Preliminary Site Investigation* and *Proposed BCP Boundary & Re-Subdivision* plans are provided in Exhibit 1 and Exhibit 2, respectively. A regional *Site Location Map* [*Sheet LM-1*] is also included as Exhibit 3.

Oil City has a well-documented history of individual parcels used extensively for large-scale petroleum bulk storage dating back to the 1930s. Support operations included building and equipment provisions for multiple modes of product transfer capabilities including railroad, over-the-road (tanker trucks), waterway (barges) and pipelines. Similarly, adjacent properties to the east were used for extensive industrial activities that included electroplating, parts washing/degreasing and painting, etc.

The petroleum operations were terminated in the early 1990s and the tank farms were removed. Extensive site investigations and remediation activities have occurred since then along with the gradual re-development of the area that started with the construction of the Destiny mall on properties near Onondaga Lake. The investigations and remediation efforts have been conducted throughout Oil City were performed under multiple programs approved by the New York State Department of Environmental Conservation (DEC). One of the programs included the management of excess spoils from the construction of the mall and related site development activities. Soil deemed acceptable for re-use under the DEC's beneficial use determination (BUD) program was placed over the subject Site at depths ranging between 1 and 7 feet. However, the subsurface conditions of the former tank farm area that lies beneath the imported BUD material were never significantly evaluated from an environmental perspective.

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Historic occupants of the southernmost (JPD) parcel have included the Easy Washing Machine Corporation (1930s through the 1950s) and the Furne Factory (1950s through 1970s). West Court Street also traversed a section of the JPD parcel from the 1960s through 1990s. Environmental studies conducted in 2006 and 2014 on this parcel reported prior plant operations for both companies that included electroplating, solvent degreasing (with outside bulk storage), heat treating, machining and painting. Findings from these environmental site assessments indicated that soil and groundwater had been impacted by VOCs, chlorinated VOCs and SVOCs.

Specific to the subject Site, an initial Phase II investigation has been conducted. Contaminants including volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), regulated metals and PCBs have been reported in the deeper, underlying soils throughout the Site.

The contaminant concentrations preclude relocation of surplus soils to a non-landfill or BUD site. The adversely impacted soils are present at construction depths within the proposed building and parking lot areas and will require specialized handling and management.

Given this history, the findings from prior environmental studies and the results of the recently completed Phase II environmental site assessment (ESA), Holder is requesting admittance of the Site into the DEC's BCP. Once accepted, Holder proposes to initiate construction of the project in the spring of 2021. It is anticipated that the remedial program will be incorporated into the early stages of construction around May 1, 2021 with the certificate of completion issued in October 2021.

#### SECTION III PROPERTY ENVIRONMENTAL HISTORY

A Phase II ESA report has been prepared consistent with the requirements of ASTM Standard E1903 and as instructed in the BCP application, is provided in an electronic format, only. This report references historical environmental information data base resources including records obtained through the freedom of information law [FOIL] from Federal, State and local regulatory agencies, along with other excerpts from a Phase I ESA report prepared by JMT in January of 2020 on behalf of the current property owners. This information is also included in the Phase II ESA report. For emphasis on the historical use of the property, refer to Exhibits 5 and 6 that include historic Sanborn Fire Insurance maps and aerial photographs. Copies of this information is also included in the Phase II ESA report.

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#### SECTION IV PROPERTY INFORMATION

The property under consideration for development is comprised of three (3) individual parcels currently owned by separate business entities under the Pyramid Management Group. One entire parcel, but only portions of two of the other parcels will be included in the overall land purchase, as summarized below.

A total area of 7.1 acres consists of the following parcels in their entirety or portions thereof (P/O):

Tax Parcel I.D.: P/O 117.-06-01.2 Owner: JPD Corporation

Address: 901 North Clinton Street

Area: 1.0 Acre

Tax Parcel I.D.: 117.-02-03.0

Owner: Sunnydale Corporation Address: 931 North Clinton Street

Area: 5.4 Acres

Tax Parcel I.D.: P/O 117.-02-02.0
Owner: Emerald Point Inc.

Address: 967 North Clinton Street

Area: 0.7 acres

#### IV-1. TAX MAP BOUNDARIES

The boundaries of the Site do not correspond to the parcel tax map limits. Refer to Exhibit 1, *Preliminary Site Investigation Plan [Sheet SI-1]* and Exhibit 2, *Proposed BCP Boundary & Re-Subdivision Plan [Sheet RP-1]* for complete tax map information for all above-referenced tax parcels within proposed Site boundary along with a metes and bounds description of the proposed BCP Site.

#### IV-2. MAP

A Site Location Map is provided in Exhibit 3, [Sheet LM-1].

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#### IV – 10. Property Description Narrative and Environmental Assessment

#### **LOCATION:**

The proposed 3-story office building will be strategically located along the Solar Street corridor at the north corner of the intersection with Court Street. This location provides convenient access to the interior of the city, as well as to Interstate Route 81 that extends in a northwest /southeast direction, and State Route 690 that runs east and west. Both road systems have short travel routes to connection ramps onto the New York State Thruway (Interstate 90) that also extends in an east/west direction across central New York.

#### SITE FEATURES:

The properties are currently open fields covered with scrub grass. The former petroleum bulk storage tanks and related equipment have been removed and the site has been re-graded with fill material from Pyramid's Destiny mall project under a DEC-approved beneficial use determination (BUD) program. For the JPD site, the original (1930s) building has been removed, as well as the former parking lot where it abuts Court Street. The City of Syracuse has re-developed the adjacent streets consistent with an approved comprehensive plan for the Inner Harbor.

#### **CURRENT ZONING AND LAND USE:**

The subject properties are currently vacant and zoned by the City of Syracuse as *Lakefront District* – *T5 Urban Center* which also lies within a *Tourism Overlay District*.

#### PAST USE OF SITES:

Note the following:

→ JPD Corporation Parcel (acquired from Court Street Warehouse and Storage Inc. in 1988)

Tax Parcel I.D.: P/O 117.-06-01.2

Address: 901 North Clinton Street

Area: 1.0 Acre

Former Use: Easy Washing Machine Corporation and Furne Factory

(1930s through 1970s); West Court Street also traversed the

current parcel until the 1990s.

♦ Sunnydale Corporation Parcel (acquired property from Canada Oil Company in 1988)

Tax Parcel I.D.: 117.-02-03.0

Address: 931 North Clinton Street



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Area: 5.4 Acres

Former Use: Petroleum bulk storage facility since the 1930s.

▶ Emerald Point Inc. Parcel (acquired from Chevron USA Inc. in 1987)

Tax Parcel I.D.: P/O 117.-02-02.0

Address: 967 North Clinton Street

Area: 0.7 acres

Former use: Petroleum bulk storage facility since the 1930s.

#### SITE GEOLOGY AND HYDROGEOLOGY:

In general, Onondaga Lake and its contributing tributaries are comprised of unconsolidated deposits of glaciofluvial and glaciolacustrine (i.e., glacier-related) depositions. The overburden deposits are represented by a marl underlain by a lacustrine silt and clay layer over a thick glaciolacustrine silt and fine sand layer, a sand and gravel layer and glacial till over a shale<sup>1</sup>.

The soil boring program from the preliminary site investigation program revealed a soil profile consistent with prior studies of the Onondaga Lake and Onondaga Creek area. It also reflects the placement of the BUD material and overall, was generally comprised of the following:

0 - 0.5 feet: Topsoil.

0.5 – 8 feet: Mixture of varying amounts of silt, sand and gravel. Traces of construction

and demolition (C&D) debris (i.e., concrete, glass, wood) encountered in SB-

5 & 7).

8 – 16 feet: White/gray sand (i.e., "marl") with intermittent lenses of peat.

16 – 27 feet: Fine sand with little to some (i.e., 10 to 35%) fine to medium gravel and little

to some silt.

27 - 43 feet: Silt and clay.

43 - 50 feet: Fine to coarse sand and fine gravel.

Note: The above depths represent generalized interpretations and are approximate.

Soil within the up-gradient (northeastern 1/3) of the Site consisted of silt and gravel with traces of C&D debris (i.e., concrete and asphalt rubble) fill to a depth of 6 feet, overlying silt and clay from

<sup>&</sup>lt;sup>1</sup> Source: G. Swenson and T. Johnson - Remediation and Engineering Challenges at Onondaga Lake.

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6 to 14 feet. Refer to the Representative Soil Profile on *Sheet SI-1* [Exhibit 1] for additional information.

The depth to groundwater varies across the Site from approximately 10 feet below the ground surface (bgs) along North Clinton Street to about 4 feet bgs near Solar Street. The groundwater flow direction is generally to the south toward the Inner Harbor.

#### **ENVIRONMENTAL ASSESSMENT:**

Historical occupancy of the Site has included petroleum bulk storage facilities, which were part of a larger overall collection of individually owned and operated bulk storage terminals commonly referred to as "Oil City". In addition, the southern limit of the Site was also occupied by an industrial building, which housed the Easy Washing Machine Corporation and Furne Factory.

The results of the limited Phase II ESA identified contaminants including volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), regulated metals and PCBs throughout the deeper soils underlying the BUD material that currently covers the subject properties. The contaminant concentrations in the deeper soils vary across the Site however their presence preclude relocation of surplus soils to a non-landfill or a BUD site. The DEC's Commercial Site Use Soil Cleanup Objectives were also exceeded for several contaminants. Specifically, the primary contaminants of concern are associated with petroleum contamination and in particular gasoline-related constituents such as benzene, toluene, ethylbenzene and the xylene group (BTEX), as well as 1,2,4-trimethyl benzene at concentrations ranging from 18.5 parts per million (ppm) to 852 ppm.

SVOCs were present at concentrations exceeding SCOs for commercial use and/or the lower of protection of public health (residential occupancy) and protection of groundwater. Individual constituents identified included benzo(a)pyrene, benzo(a)anthracene, chrysene and cresol at concentrations ranging between 0.635 ppm to 2.40 ppm.

Metal contaminants exceeding SCOs for commercial use and/or the lower of protection of public health (residential occupancy) and protection of groundwater included arsenic, copper, lead, zinc and mercury. Individual concentrations ranged from 0.44 ppm to 325 ppm.

The primary source of the VOCs, chlorinated VOC (vinyl chloride) and PCBs on the JDP parcel appears to be the former Easy Washing Machine and Furne factory whose operations included electroplating, heat treating, parts washing/degreasing and painting, among others.

July 31, 2020 [Updated August 26, 2020] Page **7** of **12** 

The chlorinated solvent, vinyl chloride was detected in groundwater at a concentration of 6.3 ppb. Contaminants in soil on the JPD parcel included the VOC, acetone at 0.173 ppm, the metals copper and lead at 92 and 69.8 ppm, respectively and the PCB, Aroclor 1260 at a concentration of 0.174 ppm.

The adversely impacted soils are present at construction depths within the proposed building area and will require disposal at a DEC-permitted landfill. Preliminary earthwork calculations indicate that approximately 13,000 cubic yards of surplus soils will require specialized handling and management.

Analytical data for groundwater within the building construction zone also indicated the presence of VOC and regulated metal constituents and several contaminants were present at levels that exceeded the DEC's groundwater standards. The depth to groundwater is relatively shallow (i.e., 4 feet) and as such, construction operations (e.g., excavation of pile caps, utilities, etc.) will require containment and treatment or off-site disposal of a likely substantial quantity of adversely impacted groundwater.

Based on the above-information and the results of the initial investigation and historic reports, the contaminated media within the deeper soils that underlie the Site exceed the DEC's Soil Cleanup Objectives. Note that the surficial soils placed under the previous BUD program may remain amenable to other uses including as BUD soils or hard fill based upon additional analytical test results.

The adverse conditions of the deeper, contaminated media significantly impact soil and groundwater management and will greatly increase construction costs. These conditions have impeded the development of these long-vacant properties in the past and will continue to complicate redevelopment unless these parcels are accepted into the DEC's Brownfield Cleanup Program. It is anticipated that the expanded investigation conducted under the Remedial Investigation (RI) work as part of the BCP will encounter additional contaminated zones. Refer to the Phase II ESA report {Exhibit 4] and the analytical tables [Exhibit 7] for additional information.

July 31, 2020 [Updated August 26, 2020] Page **8** of **12** 

#### SECTION VI CURRENT PROPERTY OWNER - OPERATOR INFORMATION

[August 26, 2020 Update] Provide the start date of ownership of each tax parcel.

Response:

In general, the current owners acquired the subject parcels in the late 1980s. Holder Properties, Inc. / HP Syracuse, LLC will purchase the property from the property owners identified below. Tentatively, the property closing will be completed by the end of 2020. More site-specific information is provided below.

[August 26, 2020 Update]

Describe each Requestor's relationship to the current owner, including any relationship between Requestor's corporate members and the current owners.

**♦** Response:

The Requestor and the Requestor's corporate members have no relationship with the current owner or the prior property owners. Refer to additional information below.

[August 26, 2020 Update]

For each tax parcel, provide a list of previous property owners and operators with names, last known addresses and telephone numbers as an attachment. Describe Requestor's relationship to each previous owner and operator, including any relationship between Requestor's corporate members and previous owner and operator. If no relationship, put "none".

Response:

Please refer to information below. Again, there is no relationship between the Requestor and the prior owner or operator, nor the Requestor's corporate members and the previous owners and operators.

#### PROPERTY-SPECIFIC OWNERSHIP / RELATIONSHIP INFORMATION

Based on a review of the environmental lien report for the subject properties, the current and past ownership of each subject parcel are summarized as follows:

1. Tax Parcel I.D.: 117.-06-01.2

Current Owner: JPD Corporation / Pyramid Management Group

Address: 901 North Clinton Street



July 31, 2020 [Updated August 26, 2020] Page **9** of **12** 

Purchased: August 18, 1988

Contacts: Bruce Kenan, President – JPD Corporation

David Aitken – Pyramid Management Group

The Clinton Exchange 4 Clinton Square

Phone: (315) 634-7842

Email: davidaitken@pyramidmg.com

Requestor's relationship to current owner: None

Former Owner: Court Street Warehouse and Storage, Inc.

251 West Court Street Syracuse, New York

Douglas Reicher, President 830 Livingston Avenue Syracuse, New York 13210 Phone: (315) 424-1821

Requestor's relationship to prior owner: None

2. Tax Parcel I.D.: 117.-02-03.0

Current Owner: Sunnydale Corporation / Pyramid Management

Group

Address: 931 North Clinton Street

Purchased: May 17, 1988

Contacts: Bruce Kenan, President - Sunnydale Corporation

David Aitken, Pyramid Management Group

The Clinton Exchange 4 Clinton Street

Phone: (315) 634-7842

Email: davidaitken@pyramidmg.com

Requestor's relationship to current owner: None

Former Owner: Canada Oil Company

1 Valley Street

Hawthorne, New Jersey 07506

Phone: (973) 427-8200

Requestor's relationship to prior owner: None



July 31, 2020

[Updated August 26, 2020]

Page 10 of 12

3. Tax Parcel I.D.: 117.-02-02.0

Current Owner: Emerald Point Inc. /Pyramid Management Group

Address: 967 North Clinton Street

Purchased: December 1, 1987

Contacts: Bruce Kenan, President – Emerald Point, Inc.

David Aitken / Pyramid Management Group

Phone: (315) 634-7842

Email: davidaitken@pyramidmg.com

Requestor's relationship to current owner: None

Former Owner: Chevron U.S.A.

6001 Bollinger Canyon Road

San Ramon, California 94853-0905

Phone: (952) 842-1000

Requestor's relationship to prior owner: None

The Applicant should be considered a "volunteer" with respect to the Brownfield Cleanup Program because neither the Applicant nor any related entity has ever owned, operated or had any connection to the site prior to conducting the due diligence (Phase II ESA testing) required for the submission of this application.

#### SECTION VII REQUESTOR ELIGIBILITY INFORMATION

[August 26, 2020 Update] Proof of site access must include the exact name of each Requestor.

*Response:* Refer to Document C for a copy of the amended access agreement. *Response:* ■ Refer to Document C for a copy of the amended access agreement.

#### SECTION VIII PROPERTY ELIGIBILITY INFORMATION

[August 26, 2020 Update] Refer to amendment to Access and Due Diligence Agreement Proof

of Site Access [Document C].

#### SECTION IX CONTACT INFORMATION

See attached Site Contact List [Exhibit 9].



July 31, 2020 [Updated August 26, 2020] Page 11 of 12

See attached Library Letter [Exhibit 10].

#### SECTION X LAND USE FACTORS

#### X-2. CURRENT USE

The Site is currently vacant and has been for over 20 years. During construction, it is anticipated that residual petroleum contaminated soil and groundwater will be encountered from the former tank farms and product distribution lines that once operated on the Site. Similarly, it is also likely that construction on the corner parcel (i.e., 901 North Clinton Street) will encounter VOCs and SVOCs associated with the former industrial activities.

#### X-3. PROPOSED USE - POST REMEDIATION

Holder proposes to develop a 7.1-acre tract of land (Site) into a large-scale, 125,000 square-foot office complex. It is anticipated that the project will be consistent with the comprehensive plan for the Inner Harbor area of the City of Syracuse.

Finally, consistent with other development projects in the area, it appears that some form of soil vapor intrusion protection will also be implemented. The details of this remediation effort will require further assessment under the RI program of the BCP.

July 31, 2020 [Updated August 26, 2020] Page **12** of **12** 

#### **BCP APPLICATION SUPPORT – EXHIBIT & DOCUMENT LIST**

EXHIBIT 1: PRELIMINARY SITE INVESTIGATION PLAN [SHEET SI-1]

EXHIBIT 2: PROPOSED BCP BOUNDARY & RE-SUBDIVISION PLAN [RP-1]

EXHIBIT 3: SITE LOCATION MAP [SHEET LM-1]

EXHIBIT 4: PHASE II ESA REPORT [ELECTRONIC FORMAT, ONLY]

EXHIBIT 5: HISTORIC SANBORN FIRE INSURANCE MAPS AND AERIAL PHOTOS

EXHIBIT 6: FOIL AND OTHER HISTORIC ENVIRONMENTAL RECORDS [ELECTRONIC FORMAT, ONLY]

EXHIBIT 7: ANALYTICAL TABLES – SOIL & GROUNDWATER SUMMARIES

EXHIBIT 8: Previous Owners and Operators

EXHIBIT 9: SITE CONTACT LIST

EXHIBIT 10: LIBRARY LETTER

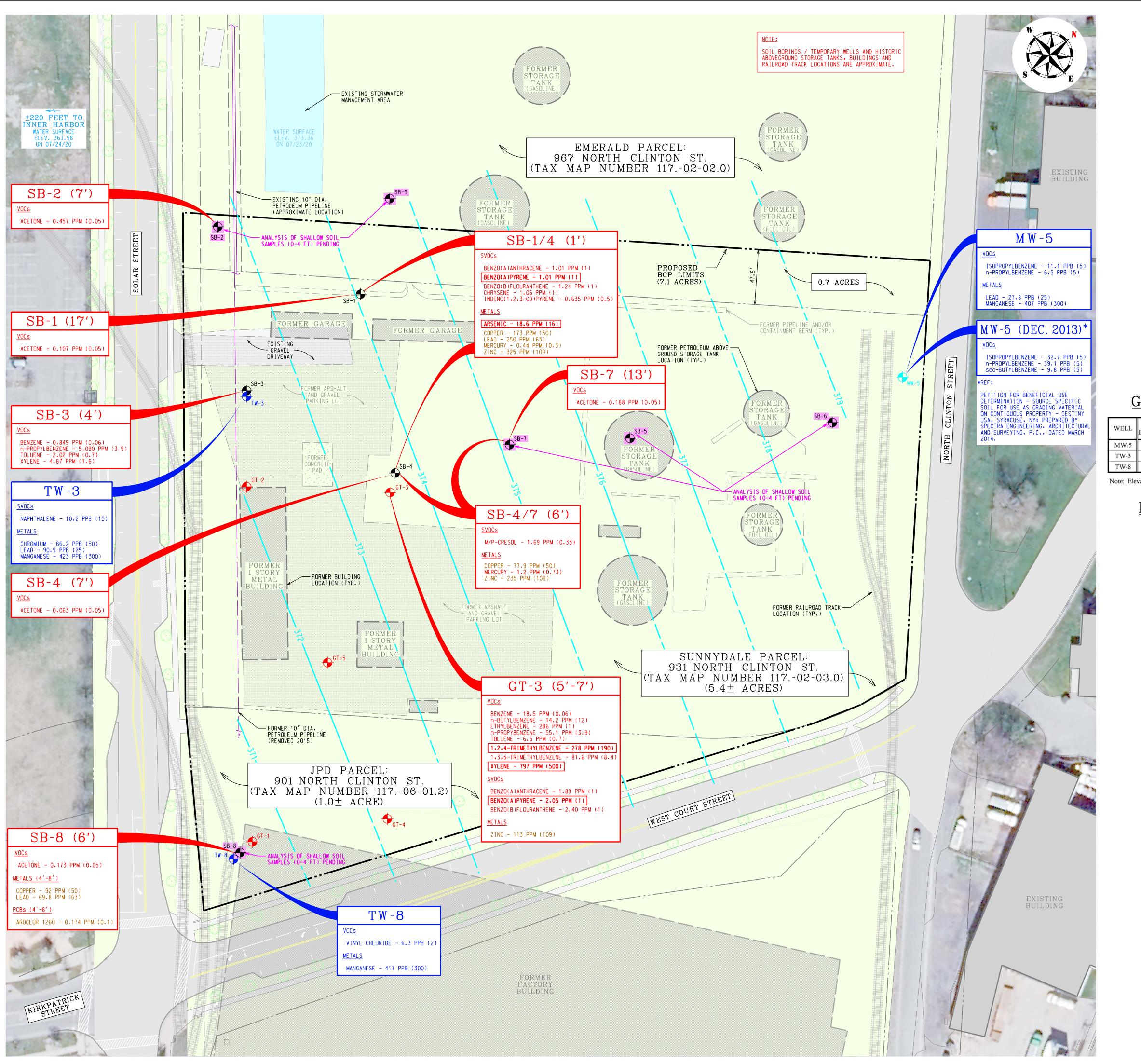
EXHIBIT 11: ADJACENT PROPERTY USE PLAN [SHEET AP-1]

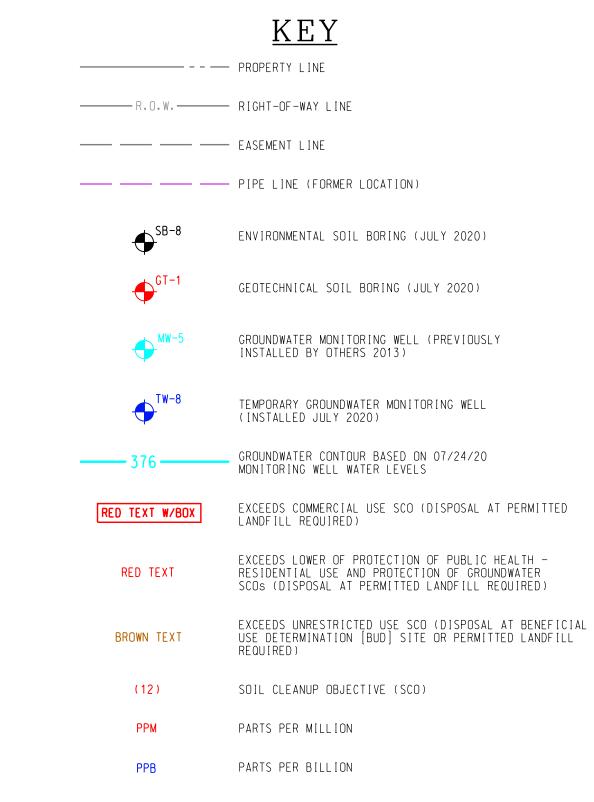
DOCUMENT A: NYS DOS ENTITY INFORMATION [HOLDER PROPERTIES, INC.]

DOCUMENT B: NYS DOS ENTITY INFORMATION [HP SYRACUSE, LLC]

DOCUMENT C: AMENDMENT TO ACCESS AND DUE DILIGENCE AGREEMENT PROOF OF SITE ACCESS

[August 26, 2020 - Amended]



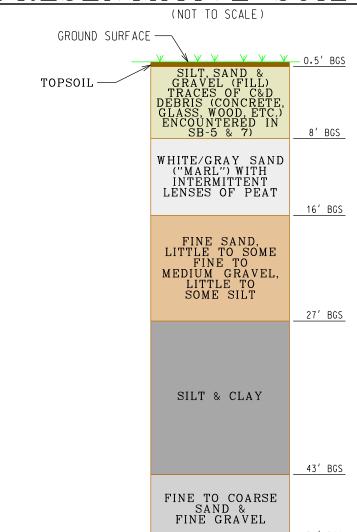


## GROUNDWATER ELEVATION DATA

WELL	RIM PVC	M PVC GROUND ATION ELEVATION		BOTTOM OF WELL ELEVATION	WATER SURFACE ELEVATION
WELL	ELEVATION				7/24/2020
MW-5	389.58	389.8	379.6	369.6	379.79
TW-3	377.77	376.1	372.8	362.8	372.44
TW-8	376.50	375.2	371.7	361.7	370.36

Note: Elevations are in NGVD29 Datum

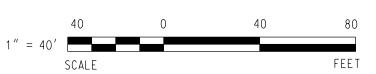
# REPRESENTATIVE SOIL PROFILE



NOTES:

- THE ABOVE DEPTHS REPRESENT GENERALIZED AVERAGES AND ARE APPROXIMATE.
   SOIL WITHIN THE UP-GRADIENT (NORTHEASTERN 1/3) OF THE SITE CONSISTED
- 2. SOIL WITHIN THE UP-GRADIENT (NORTHEASTERN 1/3) OF THE SITE CONSISTED OF SILT AND GRAVEL WITH TRACES OF CONSTRUCTION AND DEMOLITION (C&D) (ASPHALT) FILL TO A DEPTH OF 6 FEET, OVERLYING SILT AND CLAY FROM 6 TO 14 FFFT+.

### SITE INVESTIGATION PLAN



BASEMAP REFERENCES:

- 1. FIRE INSURANCE MAPS REPORT NUMBER 2020070200, MAP DATED 1950, PREPARED BY ENVIRONMENTAL RISK INFORMATION SERVICES, DATED
- JULY 8, 2020.

  2. FIRE INSURANCE MAPS REPORT NUMBER 2020070200, MAP DATED 1971, PREPARED BY ENVIRONMENTAL RISK INFORMATION SERVICES, DATED
- 3. SITE PLAN, PREPARED BY C.T. MALE ASSOCIATES P.C., DATED MARCH 6, 1989.
- 4. NYS DIGITAL ORTHOIMAGERY PROGRAM (NYSDOP): DATED 2018
- 5. TOPOGRAPHIC AND BOUNDARY SURVEY, PREPARED BY C.T. MALE ASSOCIATES P.C., DATED JUNE 5, 2012.

Engineering
Associates, F
Associates, F
Www.tdkengineering.com
Civil • Marine • Site Development • Geotechnical • Structural • Environmental • Industrial •

NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDEI

ER PROPERTIES, INC. / HP SYRACUSE, LLC

DRAWING TITLE:

PRELIMINARY

AA

SITE INVESTIGATION PLAN

PROJECT No.: 2019070

SCALE: AS NOTED

DATE: 07/31/20

 DATE:
 AS NUTED

 07/31/20

 ENG'D BY:
 JCH

 DRAWN BY:
 NAR/DKC

 CHECKED BY:
 JED

SHEET NO.



## <u>KEY</u>

PROPOSED

---- PROPERTY LINE

LOT DESIGNATION

EXISTING RIGHT-OF-WAY LINE ---- EASEMENT LINE  $-----\times -----$  FENCE LINE ------E ------- UNDERGROUND ELECTRIC - SANITARY SEWER WATER MAIN GAS MAIN SANITARY MANHOLE RIM ELEVATION INVERT ELEVATION HYDRANT WATER VALVE GAS VALVE OVERHEAD ELECTRIC POWER POLE LIGHT POLE DRAINAGE PIPE CATCH BASIN

### PROPOSED LEGAL DESCRIPTION

BEGINNING AT A POINT THENCE N 23°04′12″ E A DISTANCE OF 273.48 FEET THENCE N 22°47′24″ E A DISTANCE OF 278.17 FEET THENCE N 18°28′35″ E A DISTANCE OF 44.02 FEET THENCE N 9°50′47″ E A DISTANCE OF 44.02 FEET THENCE N 46°37′58″ W A DISTANCE OF 361.94 FEET THENCE S 43°41′40″ W A DISTANCE OF 646.94 FEET THENCE S 50°16′57″ E A DISTANCE OF 425.49 FEET THENCE S 50°16′57″ E A DISTANCE OF 2.42 FEET THENCE N 38°09′30″ E A DISTANCE OF 0.25 FEET THENCE S 55°05′28″ E A DISTANCE OF 176.00 FEET AND THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL CONTAINS  $\pm$  7.1 ACRES (308964.86 SQ. FT.)

MONITORING WELL

# PROPOSED BCP BOUNDARY AND RE-SUBDIVISION PLAN



BASEMAP REFERENCES:

1. SITE PLAN, PREPARED BY C.T. MALE ASSOCIATES P.C., DATED MARCH 6, 1989.

2. NYS DIGITAL ORTHOIMAGERY PROGRAM (NYSDOP): DATED 2018

3. TOPOGRAPHIC AND BOUNDARY SURVEY, PREPARED BY C.T. MALE ASSOCIATES P.C., DATED JUNE 5, 2012, UPDATED MARCH 22, 2016.

Engineering Associates, F

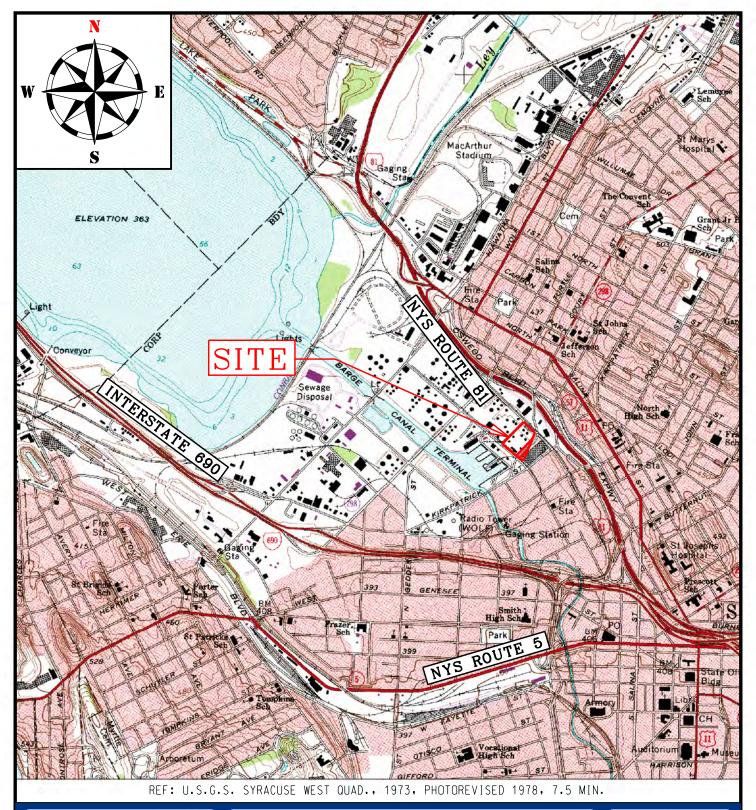
DRAWING TITLE: PROPOSED

BOUNDARY

**RE-SUBDIVISION** PLAN

AS NOTED 07/31/20

CHECKED BY: JED





19 Genesee Street Camillus, New York 13031 PH: (315) 672-8726 • FX: (315) 672-8732 www.tdkengineering.com DRAWING TITLE:

#### SITE LOCATION MAP

PROJECT:

#### SOLAR STREET OFFICE DEVELOPMENT

CLIENT:

HOLDER PROPERTIES, INC./HP SYRACUSE, LLC

LOCATION:

CITY OF SYRACUSE, ONONDAGA COUNTY, NEW YORK

PROJECT No.: 2019070 SCALE: 1"=2000'

SCALE: 1"=2000' DATE: 7/31/2020

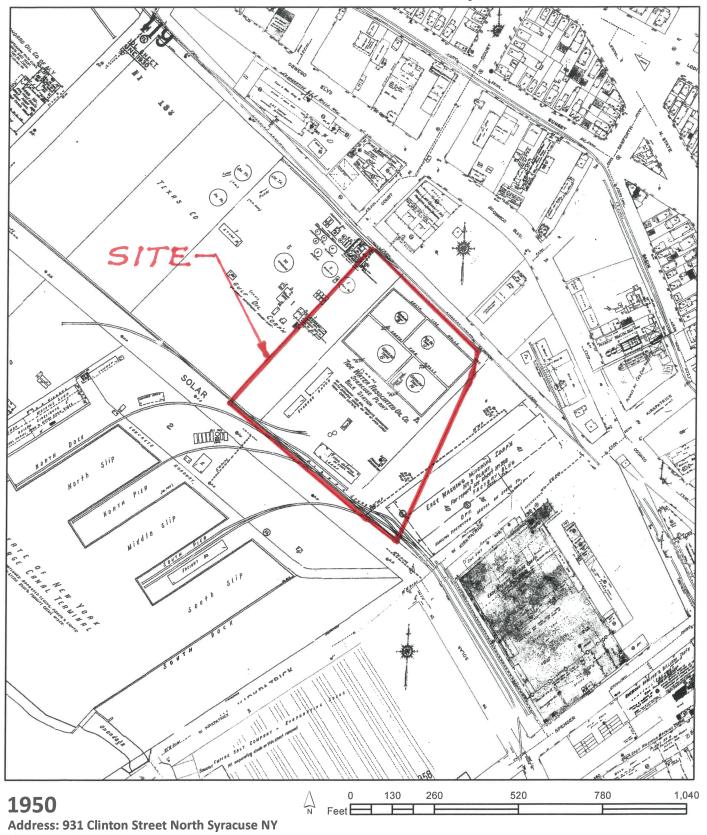
ENG'D BY: JCH
DRAWN BY: NAR

CHECKED BY: JED

SHEET NO.

LM-1

## Fire Insurance Map



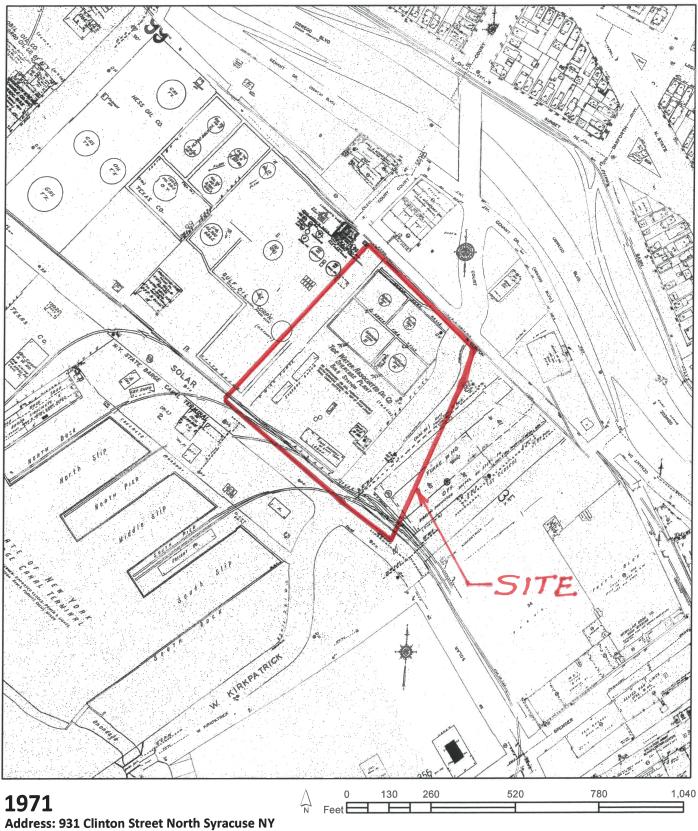
319 339-A 338 340 419 373-A 341-A 373-B 357

Map sheet(s): Volume 3:339,340,357,358,373,419; Order Number 20200707200





## Fire Insurance Map

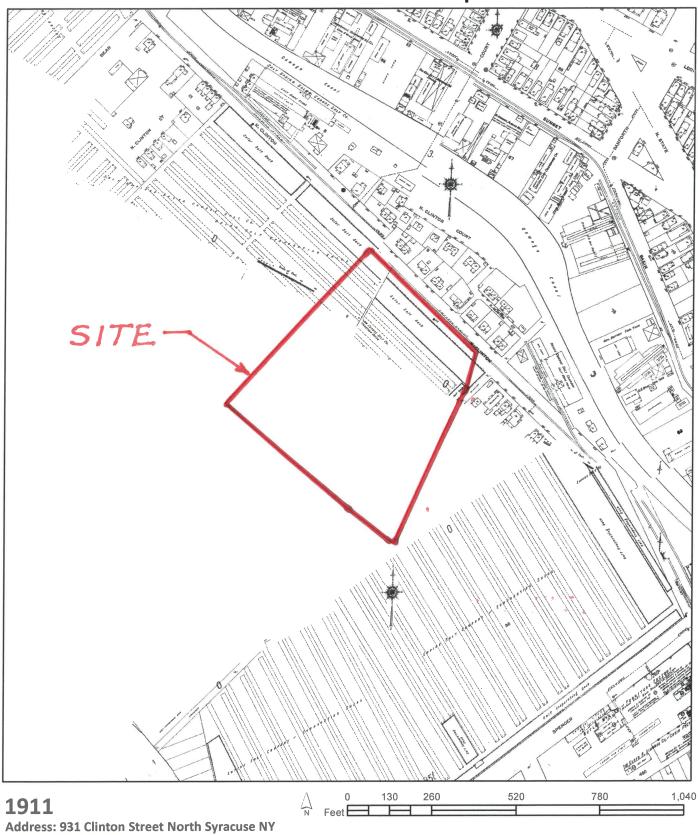


339 399 358 373-B 357

Map sheet(s): Volume 3:339,340,357,358,373,399; Order Number 20200707200



## Fire Insurance Map



340 341 358

Map sheet(s): Volume 3:339,340,357,358,373; Order Number 20200707200







Year: Source: Scale: Comments:

1995 USGS 1" to 500'







Year: Source: Scale: 1981 USGS 1" to 500'

Comments:







Year: Source: Scale: Comments:

1972 USGS 1" to 500'







Year: Source: Scale: Comments:

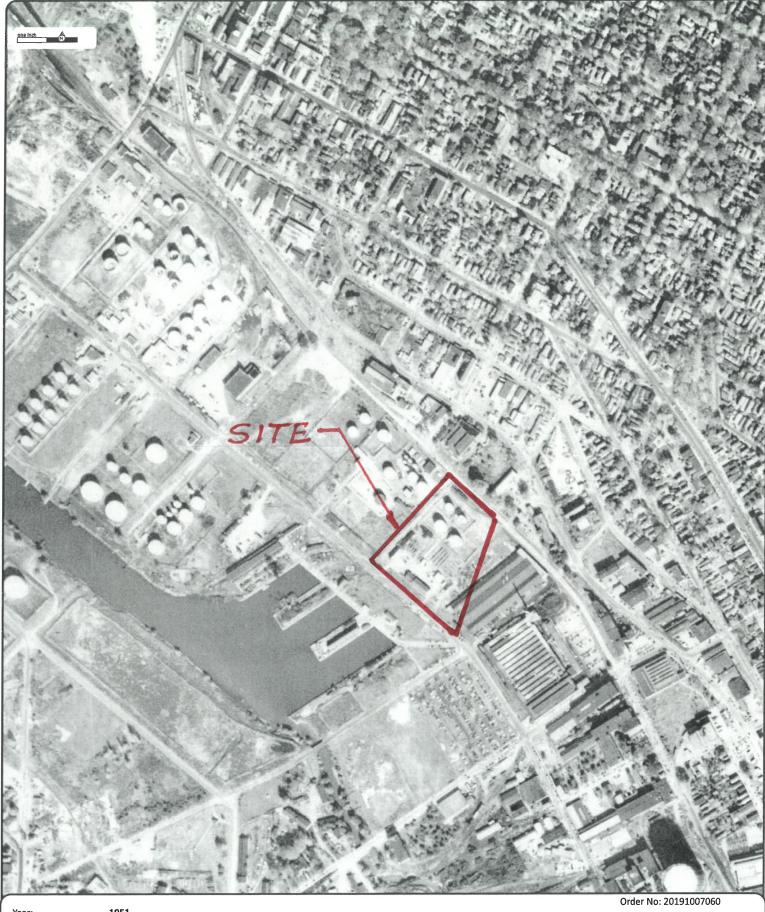
1966 ASCS 1" to 500'

Site Address: Site 3- Emerald Point Syracuse NY Approx Center: 43.06332 / -76.16254





www.erisinfo.com | 1.866.517.5204



Year: Source: Scale: 1951 ASCS 1" to 500'

Comments:

Site Address: Site 3- Emerald Point Syracuse NY Approx Center: 43.06332 / -76.16254 N





Year: Source: Scale: 1938 ASCS 1" to 500'

le: 1" to 500





## **APPENDIX F**

## ENVIRONMENTAL RISK INFORMATION SERVICES ENVIRONMENTAL LIEN SEARCH DOCUMENTATION





**Project Property:** SITE 3- EMERALD POINT

SYRACUSE, NY 13204

Order No: 20191007060-1

Date Completed: 10/30/2019

The following is the current property legal description (See deed for full legal description):

LOT P SML 32&33 526.99X644.47X278.27 IRR

Assessor's Parcel Number(s): 311500-117-000-0002-002-000-0000

#### ENVIRONMENTAL LIEN REPORT

The ERIS Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied property information to:

- Search for parcel information and / or legal description
- Search for ownership information
- Research official land title documents recorded at jurisdictional agencies such as recorder's' office, registries of deeds, county clerks' offices, etc.
- Access a copy of the deed
- Search for environmental encumbrance(s) associate with the deed
- Provide a copy of any environmental encumbrance(s) based upon a review of keywords in the instrument(s) (title, parties involved and description)
- Provide a copy of the deed or cite documents reviewed

Thank You for Your Business
Please contact ERIS at 416-510-5204 or info@erisinfo.com
with any questions or comments

#### **LIMITATION**

This report is neither a guarantee of title, a commitment to insure, or a policy of title insurance. ERIS — Environmental Risk Information Services does not guarantee nor include any warranty of any kind whether expressed or implied, about the validity of all information included in this report since this information is retrieved as it is recorded from various agencies that make it available. The total liability is limited to the fee paid for this report.



Order No: 20191007060-1

### ENVIRONMENTAL LIEN REPORT Order No: 20191007060-1

The ERIS Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

#### **TARGET PROPERTY INFORMATION**

#### **ADDRESS**

SITE 3- EMERALD POINT SYRACUSE, NY 13204

#### **RESEARCH SOURCE**

ONONDAGA COUNTY RECORDER'S OFFICE
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

#### **DEED INFORMATION**

Type of Instrument: DEED

Grantor: CHEVRON USA INC

Grantee: EMERALD POINT INC

Deed Dated: 12/01/1987 Deed Recorded: 12/16/1987

Instrument: BOOK 3412 / PAGE 31

#### **LEGAL DESCRIPTION**

LOT P SML 32&33 526.99X644.47X278.27 IRR

Assessor's Parcel Number (s): 311500-117-000-0002-002-000-0000



#### **ENVIRONMENTAL LIEN REPORT**

Order No: 20191007060-1

#### **ENVIRONMENTAL LIEN**

Environmental Lien: Found X Not Found

If Found Describe:

#### OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: X Found Not Found

If Found Describe:

1st Party: CHEVRON USA INC 2<sup>nd</sup> Party: EMERALD POINT INC

Dated: 12/01/1987 Recorded: 12/16/1987

Instrument #: BOOK 3412 / PAGE 31

Comments: DEED

1st Party: EMERALD POINT INC

2<sup>nd</sup> Party: NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Dated: 05/14/2014 Filed: 05/16/2014

Instrument #: BOOK 05280 / PAGE 0733

Comments: DECLARATION OF RESTRICTIVE COVENANT

#### **LEASES**

Lessor: NONE IDENTIFIED

Lessee: Lease Date: Recorded Date: Instrument #: Lease Type: Comments:



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THIS INDENTURE, made the day of portules nineteen hundred and eighty-seven, between Chevron U.S.A. Inc., a corporation organized under the laws of Pennsylvania, having an office at 6001 Bollinger Canyon Road, P. O. Box 5050, San Ramon, California 94853-0905, successor in interest to Gulf Oil Corporation, hereinafter referred to as Grantor, and EMERALD POINT, INC., a New York corporation, hereinafter referred to as Grantee:

WITNESSETH, that the Grantor, in consideration of Ten Dollars and other valuable consideration, paid by the Grantee, does hereby grant and release unto the Grantee, the heirs or successors and assigns of the Grantee forever.

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the County of Onondaga, City of Syracuse and State of New York, more fully described in Exhibit A attached hereto and made a part hereof. This conveyance is subject to the environmental addendum annexed hereto as Exhibit B and made a part hereof.

TOGETHER with all right, title and interest, if any, of the Grantor in and to any streets and roads abutting the above described premises to the center lines hereof; TOGETHER with the appurtenances and all the estate and rights of the Grantor in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the Grantee, the heirs or successors and assigns of the Grantee forever.

AND the Grantor convenants that the Grantor has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.

AND the Grantor, in compliance with Section 13 of the Lien Law, covenants that the Grantor will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

IN MITNESS WHEREOF, the Grantor has duly executed this deed the day and year first above written.

CHEVRON U.S.A. INC.

In presence of

L. Chours

By Asylstant Secretary

Pricorboration

940

3412 rat 32

### 32 mat 32

State of California County of Contra Costs

MARCIA D. HIGHFILL

in and for said County and State, duly commissioned and sworn, personally appeared J.P. HARRINGTON, personally nd to me on the basis of satisfactory evidence) to be Assistant Secretary of CHEVRON U.S.A. INC., the Corporation described in and that executed the within instrument, and also known to me to be the personje, who executed it on behalf of the said Corporation therein named, and acknowledge to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official segi; in the County and State aforesaid the day and year in this certificate above written.

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Sales Sales

MARCIA D. HIGHFILL CONTRA COSTA COUNTY

Contra Costa, State of California

10 192 (CD 11 87) Front of U.S.A

#### EXHIBIT A

All that certain tract of land situate in the City of Syracuse, County of Onondaga, State of New York, being more particularly bounded and described as follows:

BEGINNING at the point of intersection of the common division line between the lands of Chevron U.S.A. Inc. as described in Book 940 of Deeds at Page 65 on the Southeast and the lands now or formerly of The Belcher Company of N.Y., Inc. on the Northwest with the Southwesterly line of Company of N.Y., Inc. on the Northwest with the Southwesterly line of Southeasterly from a stone monument at the point of intersection of the Southwesterly line of North Clinton Street with the division line between Southwesterly line of North Clinton Street with the division line between Marsh Lots 31 and 32, and runs thence from said point of beginning along Marsh Lots 31 and 32, and runs thence from said point of beginning along S26.99 feet to the common division line between the lands of said Chevron of 526.99 feet to the common division line between the lands of said Chevron U.S.A. Inc. on the Northwest and the lands now or formerly of Canada 0il Company as described in Book 2523 of Deeds at Page 856 on the Southeast; thence along said division line, South 43 deg. 41 min. 40 sec. West a distance of 644.47 feet to a point on the Northeasterly line of Solar Street; thence along said Northeasterly line, North 50 deg. 18 min. 51 Street; thence along said Chevron U.S.A. Inc. and the lands now or formerly of the lands of said Chevron U.S.A. Inc. and the lands now or formerly of Henry M. and Joanne P. Drake as described in Book 3114 of Deeds at Page Henry M. and Joanne P. Drake as described in Book 3114 of Deeds at Page 150; thence along said common division line the following four (4) courses: 150; thence along said common division line the following four (4) courses: 150 thence along said common division line; thence along a point on the first herein described common division line; thence along a point on the first herein described common division line; thence along a point on the first herein described common division line; thence along a point on the first herein described common division line; thence of 438.09 feet to the point

Subject to all easements, covenants, and restrictions of record.

5 a. m. Luts 32:3

### 3412 na 34

#### EXHIBIT B

#### ENVIRONMENTAL ADDENDUM

Subject to the following covenants, restrictions and reservations, which shall be construed as real covenants running with the land and shall be binding upon and enure to the benefit of Grantor and Grantee, and their respective heirs, successors and assigns:

The Land has been used for many years as a storage terminal for the transportation and storage of petroleum and other hydrocarbon products of a possibly hazardous nature. In addition the Land may have been used for the processing of petroleum products and various chemicals associated with such activities. Grantee understands that Grantor does not have the requisite information to determine the exact nature or condition of the Land nor the information to determine the exact nature or condition of the Land. The Land also may contain buried pipelines and other equipment, whether or not of a similar nature, the locations of which cannot now be determined. It is the practice of Grantor to conduct an examination of all Land it intends to dispose of to evaluate whether or not transfer of the Land will pose a source of potential liability to Grantor from past contamination, waste disposal or other practices in connection with Grantor's use of the Land. Said examination has included a physical inspection of the Land and a review of Grantor's benefit and practices on the Land. Said examination has been for Grantor's benefit and Grantor makes no representation or warranty whatsoever as to the physical condition of the Land and makes no representation or warranty regarding the thoroughness or accuracy of said examination.

Grantee acknowledges that the Land has been used in the manner and for the purposes set forth above and that physical changes in the Land may have occurred as a result of such use and that prior to this conveyence, Grantee was afforded an opportunity to enter upon and within the Land and all buildings and improvements thereon, to inspect the same, to conduct soil and water tests and borings, and generally to conduct such tests, examinations, investigations and studies as may be necessary or appropriate in Grantee's sole judgment for the preparation of appropriate engineering and other reports and judgments relating to the Land, its value, its condition, the presence of waste or contaminants and its suitability for Grantee's purposes.

- a. In light of the foregoing, Grantee covenants and agrees that by this conveyence Grantor is transferring to Grantee, its successors and assigns all responsibilities and liabilities which Grantor now has or which may arise in the future on account of disposal, spills, waste, or contamination on the Land prior to the date of the transfer of title, but such transfer of responsibilities and liabilities shall not apply to premises other than the Land. Specifically, other than the Land, Grantee shall have no responsibility or liability under said transfer for the cleanup of any property other than the Land. Grantee, its successors and assigns hereby waive, release, acquit and forever discharge Grantor, Grantor's employees, agents or any other person acting on behalf of Grantor, of and from any and all losses, liabilities, claims, actions, causes of action, demands, rights, damages, costs, expenses or compensation whatsoever, whether direct or indirect, known or unknown, foreseen or unforeseen, which Grantee, its successor and assigns now has or which may arise in the future on account of or in any way growing out of or connected with the physical condition of the Land or the presence of waste or contaminants on or below the surface of the Land and any law or regulation applicable thereto.
- b. Grantee further covenants and agrees that there shall not be constructed, used nor maintained on the Land any residence, school, hospital or clinic which would result in excessive human contact with waste or hazardous materials on the Land. Grantee, its successors and assigns shall not conduct any excavation that results in the uncontrolled release of waste or hazardous materials into the environment without taking appropriate steps to insure the proper handling, treatment and disposal of such waste or hazardous materials.

In the event Grantee, its successors, and assigns breach the foregoing restrictive covenants, Grantor shall have the right to obtain injunctive relief in any appropriate judicial forum and the failure of Grantor to do so shall not be deemed a waiver of Grantor's rights under this paragraph. Grantee, its successors, and assigns reserve the right to remove this restrictive covenant by performing a cleanup of the Land, removing therefrom all hazardous materials, if any, which prevent or make hazardous the use of the Land as a residence, school, hospital or clinic. Upon proof of such cleanup to the reasonable satisfaction of Grantor, Grantor shall execute an instrument in recordable form releasing the aforesaid restrictive covenant and provide the same to Grantee's attorneys, Shanley, Sweeny & Reilly, P.C., or any successor thereto.

c. Grantor reserves and retains the right to reenter the Land to perform environmental remedial work, if Grantor, in its sole discretion, determines that such action is necessary to protect Grantor from potential liability to any government authority or third party; provided, however, that Seller shall indemnify and hold Purchaser harmless from and against any loss, liability, claim, demand, cause of action or cost (including attorneys' fees) which Purchaser may suffer or incur as a result of Seller's exercise of its right of entry. However, nothing in this beed shall obligate Grantor in any way to undertake future environmental remedial action and the failure of Grantor to do so shall not be deemed a waiver of Grantor's rights under this paragraph. The intent of this right of entry is to provide Grantor an opportunity to reduce any alleged future environmental liabilities of Grantor.

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ONORDAGA COUNTY CLERKS OFFICE

Dood, Recorded on the
Body of Docenhor 1984

Guildy in Book 3412 Page 314

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COUNTY CLERY

#### ONONDAGA COUNTY CLERK'S OFFICE SANDRA A SCHEPP - COUNTY CLERK 401 Montgomery St - Room 200 Syracuse, NY 13202

Phone: 315-435-2226 Fax: 315-435-3455

Doc Type: Grantor:

Grantee:

R/COV

**EMERALD POINT INC** 

NYS DEPARTMENT OF ENVIORNMEN

**EMERALD POINT INC** 

NYS DEPARTMENT OF ENVIORNMEN

SYR L32&33 15 ACRE MARSH LOTS SAL

Legal Desc: ΝŴ

Receipt: 1144194 MM

Book/Page: 05280/0733 Inst: 14768 Date Filed: 05/16/2014 at 3:35PM

Updated: 05/19/2014 MS Record and Return To:

COSTELLO COONEY & FEARON

SYRACUSE OFFICE

ATTORNEYS PICK UP BOX

COURTHOUSE

Prop Address:

Submitted by: COSTELLO/COONEY

Recording Fees			Miscellaneous Fees	
Addl pages:	3 x 5.00 =	\$ 15.00	RMI:	\$ 20.00
Addl Names:	0 × 0.50 =	\$ 0.00	TP 584:	\$ 0.00
Addl Refs:	0 x 0.50 =	\$ 0.00	RP5217:	\$ 0.00
Misc:		0.00	AFFTS:	\$ 0.00
Basic		\$25.50		
	=	========		=========
TOTAL:		\$40.50	TOTAL:	\$ 20.00
MORTGAGE TAX			DEED TRANSFER TAX	
Mortgage:			Consideration	\$0.00
Basic:		\$0.00	Transfer Tax:	\$0.00
Ins Fund:		\$0.00	SWIS:	3115
Net Add:		\$0.00	Map #:	
Misc:		\$0.00		=======================================
	=	========	Total Paid	\$ 60.50
TOTAL		\$0.00	Control no	

WARNING - This sheet constitutes the Clerk's endorsement, required by Section 319 of the Real Property Law of the State of New York. Do not detach. Taxes imposed on this instrument at time of recording were paid. Certain information contained in this document is not verified by this office.

> SANDRA A SCHEPP Onondaga County Clerk

Book/Page 05280 / 0733 Instrument no.: 14768



# CITY OF SYRACUSE DECLARATION OF RESTRICTIVE COVENANT 3115

THIS COVENANT is made this way day of May. 2014, by EMERALD POINT, INC. ("Emerald"), the fee owner of a certain parcel of real property located at 967 North Clinton Street, Syracuse, New York, as more particularly described in Schedule "A" attached hereto (the "Property"), being the same premises conveyed to Emerald by deed dated December 1, 1987 and recorded in the Onondaga County Clerk's Office December 16, 1987 in Book of Deeds 3412 at page 31.

#### WITNESSETH

WHEREAS, the New York State Department of Environmental Conservation ("NYSDEC") has required Emerald pursuant to New York Law, including the Environmental Conservation Law, to record an instrument with the Onondaga County Clerk setting forth certain restrictions with respect to the Property, which restrictions are to run with the land; and

WHEREAS, Emerald, as the record owner of the Property desires to create for itself and its successors and/or assigns such restrictions.

**NOW, THEREFORE**, Emerald, for itself, its successors and/or its assigns, declares that the following restrictive covenant shall apply to the property and shall run with the land:

1. Groundwater underlying the Property shall not be used for any purpose without first obtaining the written permission from the NYSDEC or, if at such time the NYSDEC no longer exists, any New York State Department, Bureau or entity replacing the New York State Department of Environmental Conservation.

Costelle, Cooney & Fearon, PLLC 27093 (Sec.)

**IN WITNESS WHEREOF**, the undersigned has hereunto caused these presents to be executed by its proper authorized representative as of the day and year first written above.

EMERALD POINT, INC.

By:

Bruge A. Kenan

Prosident, Title

STATE OF NEW YORK )
COUNTY OF Oronge () ss.:

On the 15 day of May in the year 2014, before me, the undersigned, a Notary Public in and for said State, personally appeared **BRUCE A. KENAN**, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

NOTARY PUBLIC

SALLY A COONNELL
Notary Public, State of New York
No. 010D4770826
Qualified in Onondaga County
Commission Expires March 30, 2018

All that certain tract of land situate in the City of Syracuse, County of Onondaga, State of New York, being more particularly bounded and described as follows:

described as follows:

BEGINNING at the point of intersection of the common division line between the lands of Chevron U.S.A. Inc. as described in Book 940 of Deeds at Page 65 on the Southeast and the lands now or formerly of The Belcher Company of N.Y., Inc. on the Northwest with the Southwesterly line of Company of N.Y., Inc. on the Northwest with the Southwesterly line of Southeasterly from a stone monument at the point of intersection of the Southwesterly line of North Clinton Street with the division line between Southwesterly line of North Clinton Street with the division line between Array land and You and runs thence from said point of beginning along Marsh Lots 31 and 32, and runs thence from said point of beginning along said Southwesterly margin, South 46 deg. 39 min. 55 sec. East a distance of 526.99 feet to the common division line between the lands of said Chevron U.S.A. Inc. on the Northwest and the lands now or formerly of Canada Oil Company as described in Book 2523 of Deeds at Page 856 on the Southeast; Company as described in Book 2523 of Deeds at Page 856 on the Southeast; thence along said division line, South 43 deg. 41 min. 40 sec. West a distance of 644.47 feet to a point on the Northeasterly line of Solar Street; thence along said Northeasterly line, North 50 deg. 18 min. 51 sec. West a distance of 190.50 feet to a point; 10 North 43 deg. 41 min. 40 sec. East a distance of 190.50 feet to a point; 11 North 43 deg. 41 min. 40 sec. East a distance of 190.50 feet to a point; 12 North 46 deg. 18 min. 20 sec. West a distance of 190.50 feet to a point; 13 North 60 deg. 43 min. 53 sec. West a distance of 44.84 feet to a point; 13 North 60 deg. 43 min. 53 sec. West a distance of 190.50 feet to a point; 14 North 46 deg. 18 min. 20 sec. West a distance of 190.50 feet to a point; 18 North 60 deg. 43 min. 53 sec. West a distance of 190.50 feet to a point; 18 North 60 deg. 18 min. 20 sec. West a distance of 190.50 feet to a point; 18 North 60 deg. 18 min. 20 sec. West a distance of 190.50 feet to a p

Subject to all easements, covenants, and restrictions of record.



**Project Property:** SITE 3- EMERALD POINT

SYRACUSE, NY 13204

Order No: 20191007060-2

Date Completed: 10/30/2019

The following is the current property legal description (See deed for full legal description):

SML 35 P ABAND ST 395.46X597.96 BR BLDG

Assessor's Parcel Number(s): 311500-117-000-0006-001-002-0000

#### **ENVIRONMENTAL LIEN REPORT**

The ERIS Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied property information to:

- Search for parcel information and / or legal description
- Search for ownership information
- Research official land title documents recorded at jurisdictional agencies such as recorder's' office, registries of deeds, county clerks' offices, etc.
- Access a copy of the deed
- Search for environmental encumbrance(s) associate with the deed
- Provide a copy of any environmental encumbrance(s) based upon a review of keywords in the instrument(s) (title, parties involved and description)
- Provide a copy of the deed or cite documents reviewed

Thank You for Your Business
Please contact ERIS at 416-510-5204 or info@erisinfo.com
with any questions or comments

#### **LIMITATION**

This report is neither a guarantee of title, a commitment to insure, or a policy of title insurance. ERIS — Environmental Risk Information Services does not guarantee nor include any warranty of any kind whether expressed or implied, about the validity of all information included in this report since this information is retrieved as it is recorded from various agencies that make it available. The total liability is limited to the fee paid for this report.



Order No: 20191007060-2

### ENVIRONMENTAL LIEN REPORT Order No: 20191007060-2

The ERIS Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

#### **TARGET PROPERTY INFORMATION**

#### **ADDRESS**

SITE 3- EMERALD POINT SYRACUSE, NY 13204

#### **RESEARCH SOURCE**

ONONDAGA COUNTY RECORDER'S OFFICE
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

#### **DEED INFORMATION**

Type of Instrument: BARGAIN AND SALE DEED

Grantor: COURT STREET WAREHOUSE AND STORAGE INC

Grantee: JPD CORP

Deed Dated: 08/18/1988 Deed Recorded: 08/18/1988

Instrument: BOOK 3468 / PAGE 43

#### **LEGAL DESCRIPTION**

SML 35 P ABAND ST 395.46X597.96 BR BLDG

Assessor's Parcel Number (s): 311500-117-000-0006-001-002-0000



### **ENVIRONMENTAL LIEN REPORT**

Order No: 20191007060-2

#### **ENVIRONMENTAL LIEN**

Environmental Lien: Found X Not Found

If Found Describe:

#### OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: X Found Not Found

If Found Describe:

1st Party: JPD CORP

2<sup>nd</sup> Party: NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Dated: 05/15/2014 Filed: 05/16/2014

Instrument #: BOOK 05280 / PAGE 0745

Comments: DECLARATION OF RESTRICTIVE COVENANT

#### **LEASES**

Lessor: NONE IDENTIFIED

Lessee: Lease Date: Recorded Date: Instrument #: Lease Type: Comments:



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2) 436 W

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT - THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY

THIS INDENTURE, made the 17 th , mineteen hundred and Eighty-eighte and day of August BETWEEN COURT STREET WAREHOUSE AND STORAGE, INC., with its place of businessand; 251 West Court Street, Syracuse, New York; છે છે

party of the first part, and JPD CORP., c/o SHANLEY, SWEENEY & REILLY, P.C., 10 Thurlo Terrace, Albany, New York 12203

盖語 11:00 11:00

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the

See Schedule "A" attached hereto

Intending to be the same premises conveyed by David Klibanow, Trustee, pursuant to a Trust Agreement dated November 25, 1964 made by and between David Klibanow, as Trustee, and Aaron H. Gosch, now deceased, Nathan Vandroff, Benjamin Vandroff, Cecil L. Wahl, Harry Vandroff, William Dewar and David Klibanow, individually, as beneficiaries under said Trust Agreement, to Court Street Warehouse and Storage, Inc. by deed dated the 30th day of September, 1987 and filed for record in the Office of the Clerk of the County of Onondaga, State of New York on the 30th day of September, 1987 and recorded in Liber 3391 of Deeds, Page 56.

> OHONDAGA COUNTY

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises berein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose. The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above

IN PRESENCE OF:

COURT STREET WAREHOUSE AND STORAGE, INC.

STATE OF NEW YORK, COUNTY OF STATE OF NEW YORK, COUNTY OF day of , before me On the day of personally came personally came to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that to me known to be the individual executed the foregoing instrument, and acknowledged that STATE OF NEW YORK, COUNTY OF Prontage... DEL STATE OF NEW YORK, COUNTY OF On the / day of Qual 1988, before me personally came Day qlas Jon Reicher to me known, who, being by me duly sworn, did depose and say that he resides at No. 830 having \$170 Available to the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal effixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed he name thereto by like order. On the On the gay or personally came to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No. that he knows described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto. to be the individual Taula L'Horhhause PARLA L. MODERALISER
Notary Public State of my
Ouel. Onen. Co., No. 4427200
Py Come. Exp.
Bargain and Bale Beeb
TH COVENANT Acainet Comments SECTION WITE COVENANT AGAINST GRANTOR'S ACTS BLOCK LOT COURT STREET WAREHOUSE AND STORAGE, INC. COUNTY OR TOWN TO RETURN BY MAIL TO: JPD CORP. Zip No.

AMAZINE .

5 Acke makst cot 35 SAVINA to mand Lot 35 NW

All that certain tract of land situate in the City of Syracuse, County of Onondaga, State of New York lying generally Westerly of North Clinton Street, generally Easterly of Solar Street, and generally Southerly of West Court Street being more particularly bounded and described as follows, as shown on a survey of the property made by C. T. Male Associates, P.C. dated August 12, 1988:

BEGINNING at the point of intersection of the former centerline of Kirkpatrick Street, with the Southwesterly margin of North Clinton Street; thence South 51 deg. 19 min. 29 sec. West a distance of 605.05 feet to its point of intersection with the Northeasterly margin of Solar Street; thence along said Northeasterly margin the following two (2) courses: 1) North 33 deg. 32 min. 16 sec. West a distance of 3.29 feet; thence 2) North 50 deg. 18 min. 51 sec. West a distance of 263.08 feet to its point of intersection with the Southeasterly margin of West Court Street; thence along said Southeasterly margin the following three (3) courses: l) in a generally Northeasterly direction, along a curve to the right of radius 435.00 feet, an arc distance of 44.31 feet, chord bearing being, North 40 deg. 46 min. 33 sec. East, 44.29 feet to a point of tangency; thence 2) North 43 deg. 41 min. 40 sec. East a distance of 389.11 feet to a point of curvature; thence 3) in a generally Northeasterly direction, along a curve to the left of radius 372.53 feet, an arc distance of 189.60 feet, chord bearing being North 29 deg. 06 min. 51 sec. East, 187.56 feet, to its point of

SCHEDULE "A"

intersection with the above mentioned Southwesterly margin of North Clinton Street; thence along said Southwesterly margin, South 46 deg. 39 min. 56 sec. East a distance of 395.46 feet to the point of beginning, containing  $4.348\pm$ acres of land.

Subject to an easement to Oswego and Syracuse Railroad Company dated May 3, 1920, and recorded in Book 474 of Deeds at Page 287.

Also subject to an easement to the City of Syracuse dated January 5, 1965 in Book 2295 of Deeds at Page 113.

Subject to all other easements, covenants, and restrictions of record.

> OMONDAGA COUNTY CLERKS OFFICE Deed, Egoorded on the law of 198'st 198'st 198'st and examined. Elaine Lytel
> COUNTY CLERK

#### ONONDAGA COUNTY CLERK'S OFFICE SANDRA A SCHEPP - COUNTY CLERK 401 Montgomery St - Room 200

Syracuse, NY 13202

Doc Type:

R/COV

Grantor:

JPD CORP

Grantee:

NYS DEPT OF ENVIRONMENTAL OF

NYS DEPT OF ENVIRONMENTAL OF JPD CORP

Legal Desc: SYR L34&35 15 ACRE MARSH LOTS SAL N W

Receipt:

1144194 MM

Phone: 315-435-2226

Fax: 315-435-3455

Book/Page: 05280/0745 Inst: 14771 Date Filed: 05/16/2014 at 3:37PM

Updated: 05/19/2014 MS Record and Return To:

**COSTELLO COONEY & FEARON** 

SYRACUSE OFFICE

ATTORNEYS PICK UP BOX

COURTHOUSE

Prop Address:

TOTAL

Submitted by: COSTELLO/COONEY

	Recording Fees	Miscellaneous Fees	
Addl pages:	3 x 5.00 = \$ 15.00		\$ 20.00
Addl Names:	$0 \times 0.50 =$ \$ 0.00	TP 584:	\$ 0.00
Addl Refs:	$0 \times 0.50 =$ \$ 0.00	RP5217:	\$ 0.00
Misc:	0.0	AFFTS:	\$ 0.00
Basic	\$25.50	)	•
	=======================================	:	=========
TOTAL:	\$40.50	_TOTAL:	\$ 20.00
	MORTGAGE TAX	DEED TRANSFER TAX	
Mortgage:		Consideration	\$0.00
Basic:	\$0.00	Transfer Tax:	\$0.00
Ins Fund:	\$0.00	SWIS:	3115
Net Add:	\$0.00	Map #:	57,6
Misc:	\$0.00		==========
	=========	Total Paid	\$ 60.50

WARNING - This sheet constitutes the Clerk's endorsement, required by Section 319 of the Real Property Law of the State of New York. Do not detach. Taxes imposed on this instrument at time of recording were paid. Certain information contained in this document is not verified by this office.

\$0.00 Control no

SANDRA A SCHEPP Onondaga County Clerk

Book/Page 05280 / 0745 Instrument no.:



## CITY OF SYRACUSE 3115

#### DECLARATION OF RESTRICTIVE COVENANT

THIS COVENANT is made this which day of May, 2014, by JPD CORP. ("JPD"), the fee owner of a certain parcel of real property located at 901 North Clinton Street, Syracuse, New York, as more particularly described in Schedule "A" attached hereto (the "Property"), being the same premises conveyed to JPD by deed dated May 3, 2012 and recorded in the Onondaga County Clerk's Office May 14, 2012 in Book of Deeds 5199 at page 173 and a portion of the premises conveyed to JPD by deed dated August 17, 1988 and recorded in the Onondaga County Clerk's Office August 18, 1988 in Book of Deeds 3468 at page 43.

#### WITNESSETH

WHEREAS. the New York State Department of Environmental Conservation ("NYSDEC") has required JPD pursuant to New York Law, including the Environmental Conservation Law, to record an instrument with the Onondaga County Clerk setting forth certain restrictions with respect to the Property, which restrictions are to run with the land; and

WHEREAS, JPD, as the record owner of the Property desires to create for itself and its successors and/or assigns such restrictions.

**NOW, THEREFORE.** JPD, for itself, its successors and/or its assigns, declares that the following restrictive covenant shall apply to the property and shall run with the land:

1. Groundwater underlying the Property shall not be used for any purpose without first obtaining the written permission from the NYSDEC or, if at such time the NYSDEC no longer exists, any New York State Department, Bureau or entity replacing the New York State Department of Environmental Conservation.

Costello, Cooney & Fearon, PLLC 27893 < 5 & >

IN WITNESS WHEREOF, the undersigned has hereunto caused these presents to be executed by its proper authorized representative as of the day and year first written above.

By:

Bryce A. Kenan

Prosident

, Title

STATE OF NEW YORK )
COUNTY OF Condago) ss.:

On the 15 day of May in the year 2014, before me, the undersigned, a Notary Public in and for said State, personally appeared **BRUCE A. KENAN**, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

NOTARY PUBLIC

SALLY A. O'DONNELL Notary Public, State of New York No. 01OD4770826 Qualified in Onondaga County Commission Expires March 30, 20 Sal NW

ALL THAT TRACT OR PARCEL OF LAND, situate in the City of Syracuse, County of Onondaga, State of New York, being part of Salt Marsh Lot Nos. 34 & 35, and being more particularly described as follows:

Beginning at the intersection of the northerly street boundary of Solar Street and the westerly street boundary of Court Street, also being the southeast corner of lands owned by Sunnydale Corporation, reputed owner, as recorded in the Onondaga County Clerk's Office in Liber 3449 at page 260, Liber 2523 at page 856 and Liber 2474 at page 009; thence S 55° 19' 50"  $E - 24.431 \pm$  meters (80.15' $\pm$ ) to a point on the easterly street boundary of Court Street, also being the north line of lands owned by JPD Corp., reputed owner, as recorded in the Onondaga County Clerk's Office in Liber 3468 at page 543; thence, along said easterly street boundary of Court Street and said northerly line of JPD Corp., reputed owner the following two (2) courses and distances:

- (1) On a curve to the right having a radius of 132.588± meters (435.00'±), a length along the curve being 11.393± meters (37.38'±) and a chord bearing of N 40° 59' 28" E with a chord distance of 11.390± meters (37.37'±), to a point; thence,
- (2) N 43° 27' 10"  $E 71.097 \pm$  meters (233.26' $\pm$ ) to a point; thence,

N 22° 32' 53" E ~ 84.787± meters (278.17'±) across Court Street to a point on the westerly street boundary of Court Street and also being the easterly line of said lands of Sunnydale Corporation, reputed owner: thence, along said westerly street boundary of Court Street and easterly line of said land of Sunnydale Corporation, reputed owner, the following three (3) courses and distances:

- (1) On a curve to the right having a radius of 89.163± meters (292.53'±), a length along the curve being 32.531± meters (106.73'±) and a chord bearing of S 33° 00' 01" W with a chord distance of 32.351± meters (106.73'±), to a point; thence,
- (2) S 43° 27' 10" W 118.488 $\pm$  meters (388.74' $\pm$ ) to a point; thence,
- along a curve to the left having a radius of 156.972± meters (515.00'±), a length along the curve 15.133± meters (49.65'±), and a chord bearing of S 40° 41' 27" W with a chord distance of 15.128± meters (49.63'±), to the point of beginning.

containing 2,851.7 $\pm$  square meters (30,695.2 $\pm$  square feet) or 0.285 $\pm$  hectares (0.705 $\pm$  acres) of land more or less.

Subject to any easements and restrictions of record.

ALSO, all that portion of the parcel lying north of the current boundary of West Court Street as described in a deed to JPD dated August 17, 1988 and recorded in the Onondaga County Clerk's Office August 18, 1988 in Book of Deeds 3468 at page 43.



**Project Property:** SITE 3- EMERALD POINT

SYRACUSE, NY 13204

Order No: 20191007060-4 **Date Completed:** 10/31/2019

The following is the current property legal description (See deed for full legal description):

LOT P SML 34 314.22X633.95X377.89 VAC

Assessor's Parcel Number(s): 311500-117-000-0002-003-000-0000

### **ENVIRONMENTAL LIEN REPORT**

The ERIS Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied property information to:

- Search for parcel information and / or legal description
- Search for ownership information
- Research official land title documents recorded at jurisdictional agencies such as recorder's' office, registries of deeds, county clerks' offices, etc.
- Access a copy of the deed
- Search for environmental encumbrance(s) associate with the deed
- Provide a copy of any environmental encumbrance(s) based upon a review of keywords in the instrument(s) (title, parties involved and description)
- Provide a copy of the deed or cite documents reviewed

Thank You for Your Business
Please contact ERIS at 416-510-5204 or info@erisinfo.com
with any questions or comments

#### **LIMITATION**

This report is neither a guarantee of title, a commitment to insure, or a policy of title insurance. ERIS — Environmental Risk Information Services does not guarantee nor include any warranty of any kind whether expressed or implied, about the validity of all information included in this report since this information is retrieved as it is recorded from various agencies that make it available. The total liability is limited to the fee paid for this report.



Order No: 20191007060-4

# ENVIRONMENTAL LIEN REPORT Order No: 20191007060-4

The ERIS Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

#### **TARGET PROPERTY INFORMATION**

#### **ADDRESS**

SITE 3- EMERALD POINT SYRACUSE, NY 13204

#### **RESEARCH SOURCE**

ONONDAGA COUNTY RECORDER'S OFFICE
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

#### **DEED INFORMATION**

Type of Instrument: DEED

Grantor: CANADA OIL COMPANY

Grantee: SUNNYDALE CORP

Deed Dated: 05/17/1988 Deed Recorded: 06/08/1988

Instrument: 13671

#### **LEGAL DESCRIPTION**

LOT P SML 34 314.22X633.95X377.89 VAC

Assessor's Parcel Number (s): 311500-117-000-0002-003-000-0000



# **ENVIRONMENTAL LIEN REPORT**

**ENVIRONMENTAL LIEN** 

Environmental Lien: Found X Not Found

If Found Describe:

#### OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: X Found Not Found

If Found Describe:

1st Party: SUNNYDALE CORPORATION

2<sup>nd</sup> Party: NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Dated: 05/15/2014 Filed: 05/16/2014

Instrument #: BOOK 05280 / PAGE 0729

Comments: DECLARATION OF RESTRICTIVE COVENANT

#### **LEASES**

Lessor: NONE IDENTIFIED

Lessee: Lease Date: Recorded Date: Instrument #: Lease Type: Comments:



Order No: 20191007060-4

15 AM hot of Splice 05626

A ALLEGO STATE POR SOLI SELECTION OF THE SECTION OF

CONSULT YOUR LAWYER SEPORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD SE USED BY LAWYERS ONLY.

THIS INDENTURE, made the 17th day of May , nineteen hundred and eighty-eight RETWEEN CANADA OIL CO... a New Jersey Corporation, of 1 Valley Street, Hawthorne, New Jersey, 07506.

party of the first part, and 12208. SUNNYDALE CORPORATION, of P.O. Box 8731, Albany, New York

party of the second part.

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the City of Syracuse, County of Onondaga and State of New York, as is more particularly described in Schedule "A", attached hereto.

SUBJECT TO easements, covenants and restrictions of record, if any.

This Deed is being given in compliance with Section 909 of the Business Corporation Law.

This Deed is being given in the ordinary course of business and does not constitute all or substantially all of the assets of the grantor.

REAL FOLATE

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TRANSFEE FOX
ONG//DAGA
COUNTY

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the first part to covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid, to the representations contained in peragraph 12 of the Purchase and Sale Agreement between the parties to the environmental issues, hereto deated November 8, 1987.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose. The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

to a trial charge

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

CANADA DIL CO.

BY: Myron J. Holman, President

E TT 11:09 AM 06/08/88 7779:1800.00/

R DDS 11:09 AN 06/08/88:77787 17.50/

X 253

and my the will surprise by a grown to the property with the first that the state of the state of the same

STATE OF NEW YORK, COUNTY OF nersonally came to me known to be the individual described in and who to me known to be the individual described in and who executed the foregoing instrument, and heknowledged that executed the foregoing instrument, 24.00 STATE OF MEN JOINE COUNTY OF BERGEN STATE OF NEW YORK, COUNTY O On the On the 1744 day of 1988 before me personally came
the subscribing witness to the foregoing instrument, with
whom I am personally acquainted, who, being by me duly
sworn, did depose and say that he resides at No. On the /7 the day of May 1988, Detore me personally came MYRON T. HQLMAN to me known, who, being by me duly sworn, did depose and say that he resides at DK Franklin Lakes. that he is the President Canada 011 Co. that he knows the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed his name thereto by like order. to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and assume execute the same; and that he, said witness, at the same time subscribed h name as witness thereto. Notary Public WILLIAM WROCKLAGE MOTARY PUBLIC OF NEW JERSEY MY COMMISSION EXPIRES OCT. 23, 1997 WITHOUT COVERANT AGAINST GRANTOR'S ACTO SECTION BLOCK TITLE No. LOT COUNTY OR TOWN CANADA OIL CO. SUNNYDALE CORPURATION RETURN BY MAIL TO: JOHN L. ALIEN, ESQ.
SHANLEY, SMENEY & REILLY P.C. 10 THINLUM TECRACE ALRAM , NEW YORK Service Barriery Zip No. 12203 george (Suite ) ALC: NO WAR BEACH THE BOOK C., be & of the first head my 450

All that certain tract of land situate in the City of Syracuse, County of Onondaga, State of New York being more particularly bounded and described as follows:

BEGINNING at the point of intersection of the common division line between the lands of Canada Oil Company as described in Book 2523 of Deeds at Page 856 on the Southeast and the lands now or formerly of Gulf Oil Corporation as described in Book 940 of Deeds at Page 65 on the Northwest with the Southwesterly line of North Clinton Street, said point of beginning being 788.68 feet Southeasterly from a stone monument at the point of intersection of the Southwesterly line of North Clinton Street with the division line between Marsh Lots 31 and 32 and runs thence from said point of beginning along said Southwesterly margin, South 46 deg. 39 min. 55 sec. East a distance of 314.32 feet to its point of intersection with the Northwesterly margin of West Court Street; thence on a curve to the right of radius of 292.53 feet, arc length of 195.05 feet, chord bearing being South 24 deg. 35 min. 33 sec. West 191.46 feet to a point of tangency; thence along said Northwesterly margin, in part and along the common division line between the lands now or formerly of said Canada Oil Company on the Northwest and the lands now or formerly of The Murray Corporation of America on the Northeast, South 43 deg. 41 min. 40 sec. West a distance of 439.11 feet to its point of intersection of the Northeasterly margin of Solar Street; thence along wai: Northeasterly margin, North 50 deg. 18 min. 51 sec. West a distance of 377.89 feet to the intersection of the first mentioned common division line; thence along said common division line North 43 deg. 41 min. 40 sec. East a distance of 644.47 feet to the point of beginning containing 5.390+ acres.

🔛 3449 nue 263

Intending to convey the same premises conveyed to the party Intending to convey the same premises conveyed to the party of the first part by deed dated January 11, 1974 and recorded in the Onondaga County Clerk's Office on February 27, 1974 in Liber 2523 of Deeds at Page 856.

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Together with all right, title, and interest, if any as contained in the provisions of the following unrecorded Agreements, to which the covenants against the grantor's acts do not apply.

Agreement dated October 9, 1953 between SOCONY-VACUUM OIL COMPANY, INCORPORATED and TIDE WATER ASSOCIATED OIL COMPANY covering pipeline easement and right-of way to lay, construct, operate and maintain one 10-inch pipe line in, under, through and across a 10-foot strip of land on lands of the former.

Agreement dated December 31, 1953 betwee the TEXAS COMPANY and TIDE WATER ASSOCIATED OIL COMPANY covering pipe line right-of-way and easement to lay, construct, operate and maintain one 10-inch pipe line in, under, through and across a 10-foot strip of land on lands of the former.

Agreement dated November 16, 1953 betwee GULF OIL CORPORATION and TIDE WATER ASSOCIATED OIL COMPANY covering pipe line right-of-way and easement to lay, construct, operate and maintain one 10-inch pipe line in, under, through and across a 10-foot strip of land on lands of the

Agreement dated June 1, 1955 between NEW YORK TRANSIT COMPANY, INC. and TIDE WATER ASSOCIATED OIL COMPANY covering right-of-way to construct, maintain, inspect, operate and remove one 10-inch pipe line on premises of the former.

Together with all of the right, title and interest, if any, of the party of the first part in and to the property lying of the southerly boundary of Court Street and southerly to which the covenants against the quantum's tasts do not product course. to which the covenants against the grantor's acts do not cookpaga county CLERKS OFFICE

Deed, Recorded on the Lday of 19/at 19/at 19/24 N 10 Book 3449 Page 2604

Elvine Lytely 50

#### ONONDAGA COUNTY CLERK'S OFFICE SANDRA A SCHEPP - COUNTY CLERK 401 Montgomery St - Room 200 Syracuse, NY 13202

Phone: 315-435-2226 Fax: 315-435-3455

Doc Type:

R/COV

Grantor: SUNN

SUNNYDALE CORPORATION

Grantee:

NYS DEPT OF ENVIRONMENTAL CO NYS DEPT OF ENVIRONMENTAL CO

SUNNYDALE CORPORATION

Recording Fees

Legal Desc:

SYR L34 15 ACRE MARSH LOTS SAL N

Receipt:

1144194 MM

Miscellaneous Fees

Book/Page: 05280/0729 Inst: 14767 Date Filed: 05/16/2014 at 3:34PM

Updated: 05/19/2014 MS Record and Return To:

**COSTELLO COONEY & FEARON** 

SYRACUSE OFFICE

ATTORNEYS PICK UP BOX

COURTHOUSE

Prop Address:

Submitted by: COSTELLO/COONEY

	Necolarid Lees		Miscella leggs 1 ees	
Addl pages:	3 × 5.00 = \$ 15	.00 R	RMI:	\$ 20.00
Addi Names:	0 × 0.50 = \$ 0	.00 T	TP <b>584</b> :	\$ 0.00
Addl Refs:	0 x 0.50 = \$ 0	.00 R	RP5217:	\$ 0.00
Misc:		0.00 A	AFFTS:	\$ 0.00
Basic	\$29	5.50		
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TOTAL:	\$40	.50 T	TOTAL:	\$ 20.00
	MORTGAGE TAX		DEED TRANSFER TAX	
Mortgage:		C	Consideration	\$0.00
Basic:	\$	0.00 T	Transfer Tax:	\$0.00
Ins Fund:	\$	0.00 S	SWIS:	3115
Net Add:	\$	0.00 N	Map #:	
Misc:	\$	0.00		========
	=======	=== T	Total Paid	\$ 60.50
TOTAL	\$	0.00 C	Control no	

WARNING - This sheet constitutes the Clerk's endorsement, required by Section 319 of the Real Property Law of the State of New York. Do not detach. Taxes imposed on this instrument at time of recording were paid. Certain information contained in this document is not verified by this office.

SANDRA A SCHEPP Onondaga County Clerk

Book/Page 05280 / 0729 Instrument no.: 14767



# CITY OF SYRACUSE DECLARATION OF RESTRICTIVE COVENANT 3115

THIS COVENANT is made this N5m day of May. 2014, by SUNNYDALE CORPORATION ("Sunnydale"), the fee owner of a certain parcel of real property located at 931 North Clinton Street, Syracuse, New York, as more particularly described in Schedule "A" attached hereto (the "Property"), being the same premises conveyed to Sunnydale by deed dated May 17, 1988 and recorded in the Onondaga County Clerk's Office June 8, 1988 in Book of Deeds 3449 at page 260.

#### WITNESSETH

WHEREAS, the New York State Department of Environmental Conservation ("NYSDEC") has required Sunnydale pursuant to New York Law, including the Environmental Conservation Law, to record an instrument with the Onondaga County Clerk setting forth certain restrictions with respect to the Property, which restrictions are to run with the land; and

WHEREAS, Sunnydale, as the record owner of the Property desires to create for itself and its successors and/or assigns such restrictions.

**NOW, THEREFORE,** Sunnydale, for itself, its successors and/or its assigns, declares that the following restrictive covenant shall apply to the property and shall run with the land:

1. Groundwater underlying the Property shall not be used for any purpose without first obtaining the written permission from the NYSDEC or, if at such time the NYSDEC no longer exists, any New York State Department, Bureau or entity replacing the New York State Department of Environmental Conservation.

Costello, Cooney & Fearen, PLLC 27893 ( ) ( )

IN WITNESS WHEREOF, the undersigned has hereunto caused these presents to be executed by its proper authorized representative as of the day and year first written above.

By:

STATE OF NEW YORK COUNTY OF Crondagy) ss.:

On the day of May in the year 2014, before me, the undersigned, a Notary Public in and for said State, personally appeared BRUCE A. KENAN, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

SALLY A O'DONNELL Notary Public, State of New York No. 010D4770826 Qualified in Onondaga Count Commission Expires March 30, 20

All that certain tract of land situate in the City of Syracuse, County of Onondaga, State of New York being more particularly bounded and described as follows:

BEGINNING at the point of intersection of the common division line between the lands of Canada Oil Company as described in Book 2523 of Daeds at Page 856 on the Southeast and the lands now or formerly of Gulf Oil Corporation as , described in Book 940 of Decds at Page 65 on the Northwest with the Southwesterly line of North Clinton Street, eaid point of beginning being 788.68 feet Southeasterly from a stone monument at the point of intersection of the Southwesterly line of North Clinton Street with the division line between Harsh Lots 31 and 32 and runs thence from said point of beginning along said Southwesterly margin, South 46 deg. 39 min. 55 sec. East a distance of 314.32 feet to its point of intersection with the Northwesterly margin of West Court Street; thence on a curve to the right of radius of 292.53 feet, are length of 195.05 feet, chord bearing being South 24 deg. 35 min. 33 sec. West 191,46 feet to a point of tangency; thence along said Northwesterly margin, in part and along the common division line between the lands now or formerly of said Canada Oil Company on the Northwest and the lands now or formerly of The Murray Corporation of America on the Northeast, South 43 deg. 41 min. 40 sec. West a distance of 439.11 feet to its point of intersection of the Northeasterly margin of Solar Street; thence along wai: Northeasterly margin, North 50 deg. 18 min. 51 sec. West a distance of 377.89 feet to the intersection of the first mentioned common division line; thence along said common division line North 43 dag, 41 min, 40 sec. Rast a distance of 644.47 feet to the point of beginning containing 5,390+ acres.

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# **APPENDIX F**

ENVIRONMENTAL RISK INFORMATION SERVICES ENVIRONMENTAL LIEN SEARCH DOCUMENTATION





**Project Property:** SITE 3- EMERALD POINT

SYRACUSE, NY 13204

Order No: 20191007060-1

Date Completed: 10/30/2019

The following is the current property legal description (See deed for full legal description):

LOT P SML 32&33 526.99X644.47X278.27 IRR

Assessor's Parcel Number(s): 311500-117-000-0002-002-000-0000

#### ENVIRONMENTAL LIEN REPORT

The ERIS Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied property information to:

- Search for parcel information and / or legal description
- Search for ownership information
- Research official land title documents recorded at jurisdictional agencies such as recorder's' office, registries of deeds, county clerks' offices, etc.
- Access a copy of the deed
- Search for environmental encumbrance(s) associate with the deed
- Provide a copy of any environmental encumbrance(s) based upon a review of keywords in the instrument(s) (title, parties involved and description)
- Provide a copy of the deed or cite documents reviewed

Thank You for Your Business
Please contact ERIS at 416-510-5204 or info@erisinfo.com
with any questions or comments

#### **LIMITATION**

This report is neither a guarantee of title, a commitment to insure, or a policy of title insurance. ERIS — Environmental Risk Information Services does not guarantee nor include any warranty of any kind whether expressed or implied, about the validity of all information included in this report since this information is retrieved as it is recorded from various agencies that make it available. The total liability is limited to the fee paid for this report.



Order No: 20191007060-1

# ENVIRONMENTAL LIEN REPORT Order No: 20191007060-1

The ERIS Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

#### **TARGET PROPERTY INFORMATION**

#### **ADDRESS**

SITE 3- EMERALD POINT SYRACUSE, NY 13204

#### **RESEARCH SOURCE**

ONONDAGA COUNTY RECORDER'S OFFICE
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

#### **DEED INFORMATION**

Type of Instrument: DEED

Grantor: CHEVRON USA INC

Grantee: EMERALD POINT INC

Deed Dated: 12/01/1987 Deed Recorded: 12/16/1987

Instrument: BOOK 3412 / PAGE 31

#### **LEGAL DESCRIPTION**

LOT P SML 32&33 526.99X644.47X278.27 IRR

Assessor's Parcel Number (s): 311500-117-000-0002-002-000-0000



### **ENVIRONMENTAL LIEN REPORT**

Order No: 20191007060-1

#### **ENVIRONMENTAL LIEN**

Environmental Lien: Found X Not Found

If Found Describe:

#### OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: X Found Not Found

If Found Describe:

1st Party: CHEVRON USA INC 2<sup>nd</sup> Party: EMERALD POINT INC

Dated: 12/01/1987 Recorded: 12/16/1987

Instrument #: BOOK 3412 / PAGE 31

Comments: DEED

1st Party: EMERALD POINT INC

2<sup>nd</sup> Party: NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Dated: 05/14/2014 Filed: 05/16/2014

Instrument #: BOOK 05280 / PAGE 0733

Comments: DECLARATION OF RESTRICTIVE COVENANT

#### **LEASES**

Lessor: NONE IDENTIFIED

Lessee: Lease Date: Recorded Date: Instrument #: Lease Type: Comments:



3412 m 31 15 am. Lots 32 + 33 Salina hw

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COUNTY

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THIS INDENTURE, made the day of day of eighty-seven, between Chevron U.S.A. Inc., a corporation organized under the laws of Pennsylvania, having an office at 6001 Bollinger Canyon Road, P. O. Box 5050, San Ramon, California 94853-0905, successor in interest to Gulf Oil Corporation, hereinafter referred to as Grantor, and EMERALD POINT, INC., a New York corporation, hereinafter referred to as Grantee:

WITNESSETH, that the Grantor, in consideration of Ten Dollars and other valuable consideration, paid by the Grantee, does hereby grant and release unto the Grantee, the heirs or successors and assigns of the Grantee forever.

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the County of Onondaga, City of Syracuse and State of New York, more fully described in Exhibit A attached hereto and made a part hereof. This conveyance is subject to the environmental addendum annexed hereto as Exhibit B and made a part hereof.

TOGETHER with all right, title and interest, if any, of the Grantor in and to any streets and roads abutting the above described premises to the center lines hereof; TOGETHER with the appurtenances and all the estate and rights of the Grantor in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the Grantee, the heirs or successors and assigns of the Grantee forever.

AND the Grantor convenants that the Grantor has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.

AND the Grantor, in compliance with Section 13 of the Lien Law, covenants that the Grantor will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

IN MITNESS WHEREOF, the Grantor has duly executed this deed the day and year first above written.

CHEVRON U.S.A. INC.

In presence of

L. Charles

By Asylstant Secretary

Pro Corboration

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State of California County of Contra Costs

MARCIA D. HIGHFILL

a Notary Public

on Reference, before me, with the state of t

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal; in the County and State aforesaid the day and year in this certificate above written.

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OFFICIAL BEAL
MARCIA D. HIGHFILL
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CONTRA COSTA COUNTY
PLEDITION OF MARCINET
PLEDITION OF

Notary Public in and for the County of Contra Costa, State of Cantornia

> 10 192 (CB 11 47) Francia di USA

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#### EXHIBIT A

All that certain tract of land situate in the City of Syracuse, County of Onondaga, State of New York, being more particularly bounded and described as follows:

BEGINNING at the point of intersection of the common division line between the lands of Chevron U.S.A. Inc. as described in Book 940 of Deeds at Page 65 on the Southeast and the lands now or formerly of The Belcher Company of N.Y., Inc. on the Northwest with the Southwesterly line of Company of N.Y., Inc. on the Northwest with the Southwesterly line of Southeasterly from a stone monument at the point of intersection of the Southwesterly line of North Clinton Street with the division line between Southwesterly line of North Clinton Street with the division line between Marsh Lots 31 and 32, and runs thence from said point of beginning along Marsh Lots 31 and 32, and runs thence from said point of beginning along S26.99 feet to the common division line between the lands of said Chevron of 526.99 feet to the common division line between the lands of said Chevron U.S.A. Inc. on the Northwest and the lands now or formerly of Canada 0il Company as described in Book 2523 of Deeds at Page 856 on the Southeast; thence along said division line, South 43 deg. 41 min. 40 sec. West a distance of 644.47 feet to a point on the Northeasterly line of Solar Street; thence along said Northeasterly line, North 50 deg. 18 min. 51 Street; thence along said Chevron U.S.A. Inc. and the lands now or formerly of the lands of said Chevron U.S.A. Inc. and the lands now or formerly of Henry M. and Joanne P. Drake as described in Book 3114 of Deeds at Page Henry M. and Joanne P. Drake as described in Book 3114 of Deeds at Page 150; thence along said common division line the following four (4) courses: 150; thence along said common division line the following four (4) courses: 150 thence along said common division line; thence along a point on the first herein described common division line; thence along a point on the first herein described common division line; thence along a point on the first herein described common division line; thence along a point on the first herein described common division line; thence of 438.09 feet to the point

Subject to all easements, covenants, and restrictions of record.

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# 3412 na 34

#### EXHIBIT B

#### ENVIRONMENTAL ADDENDUM

Subject to the following covenants, restrictions and reservations, which shall be construed as real covenants running with the land and shall be binding upon and enure to the benefit of Grantor and Grantee, and their respective heirs, successors and assigns:

The Land has been used for many years as a storage terminal for the transportation and storage of petroleum and other hydrocarbon products of a possibly hazardous nature. In addition the Land may have been used for the processing of petroleum products and various chemicals associated with such activities. Grantee understands that Grantor does not have the requisite information to determine the exact nature or condition of the Land nor the information to determine the exact nature or condition of the Land. The Land also may contain buried pipelines and other equipment, whether or not of a similar nature, the locations of which cannot now be determined. It is the practice of Grantor to conduct an examination of all Land it intends to dispose of to evaluate whether or not transfer of the Land will pose a source of potential liability to Grantor from past contamination, waste disposal or other practices in connection with Grantor's use of the Land. Said examination has included a physical inspection of the Land and a review of Grantor's benefit and practices on the Land. Said examination has been for Grantor's benefit and Grantor makes no representation or warranty whatsoever as to the physical condition of the Land and makes no representation or warranty regarding the thoroughness or accuracy of said examination.

Grantee acknowledges that the Land has been used in the manner and for the purposes set forth above and that physical changes in the Land may have occurred as a result of such use and that prior to this conveyence, Grantee was afforded an opportunity to enter upon and within the Land and all buildings and improvements thereon, to inspect the same, to conduct soil and water tests and borings, and generally to conduct such tests, examinations, investigations and studies as may be necessary or appropriate in Grantee's sole judgment for the preparation of appropriate engineering and other reports and judgments relating to the Land, its value, its condition, the presence of waste or contaminants and its suitability for Grantee's purposes.

- a. In light of the foregoing, Grantee covenants and agrees that by this conveyence Grantor is transferring to Grantee, its successors and assigns all responsibilities and liabilities which Grantor now has or which may arise in the future on account of disposal, spills, waste, or contamination on the Land prior to the date of the transfer of title, but such transfer of responsibilities and liabilities shall not apply to premises other than the Land. Specifically, other than the Land, Grantee shall have no responsibility or liability under said transfer for the cleanup of any property other than the Land. Grantee, its successors and assigns hereby waive, release, acquit and forever discharge Grantor, Grantor's employees, agents or any other person acting on behalf of Grantor, of and from any and all losses, liabilities, claims, actions, causes of action, demands, rights, damages, costs, expenses or compensation whatsoever, whether direct or indirect, known or unknown, foreseen or unforeseen, which Grantee, its successor and assigns now has or which may arise in the future on Grantee, its successor and assigns now has or which may arise in the future on Grantee, its successor and assigns now has or which may arise in the future on Grantee, its successor and assigns now has or which may arise in the future of Grantee, its successor and assigns now has or which may arise in the future of Grantee, its successor and assigns now has or which may arise in the future of Grantee, its successor and assigns now has or which may arise in the future of Grantee, its successor and assigns now has or which may arise in the future of Grantee, its successor and assigns now has or which may arise in the future of Grantee, its successor and assigns now has or which may arise in the future of Grantee, its successor and assigns now has or which may arise in the future of Grantee, its successor and assigns now has or which may arise in the future of Grantee and the future of Grantee and the future of Grantee and the future of Grantee a
- b. Grantee further covenants and agrees that there shall not be constructed, used nor maintained on the Land any residence, school, hospital or clinic which would result in excessive human contact with waste or hazardous materials on the Land. Grantee, its successors and assigns shall not conduct any excavation that results in the uncontrolled release of waste or hazardous materials into the environment without taking appropriate steps to insure the proper handling, treatment and disposal of such waste or hazardous materials.

In the event Grantee, its successors, and assigns breach the foregoing restrictive covenants, Grantor shall have the right to obtain injunctive relief in any appropriate judicial forum and the failure of Grantor to do so shall not be deemed a waiver of Grantor's rights under this paragraph. Grantee, its successors, and assigns reserve the right to remove this restrictive covenant by performing a cleanup of the Land, removing therefrom all hazardous materials, if any, which prevent or make hazardous the use of the Land as a residence, school, hospital or clinic. Upon proof of such cleanup to the reasonable satisfaction of Grantor, Grantor shall execute an instrument in recordable form releasing the aforesaid restrictive covenant and provide the same to Grantee's attorneys, Shanley, Sweeny & Reilly, P.C., or any successor thereto.

c. Grantor reserves and retains the right to reenter the Land to perform environmental remedial work, if Grantor, in its sole discretion, determines that such action is necessary to protect Grantor from potential liability to any government authority or third party; provided, however, that Seller shall indemnify and hold Purchaser harmless from and against any loss, liability, claim, demand, cause of action or cost (including attorneys' fees) which Purchaser may suffer or incur as a result of Seller's exercise of its right of entry. However, nothing in this beed shall obligate Grantor in any way to undertake future environmental remedial action and the failure of Grantor to do so shall not be deemed a waiver of Grantor's rights under this paragraph. The intent of this right of entry is to provide Grantor an opportunity to reduce any alleged future environmental liabilities of Grantor.

200

ONORDAGA COUNTY CLERKS OFFICE

Dood, Recorded on the
Body of Docenhor 1984

Guildy in Book 3412 Page 314

Eleve Lytel

COUNTY CLERY

#### ONONDAGA COUNTY CLERK'S OFFICE SANDRA A SCHEPP - COUNTY CLERK 401 Montgomery St - Room 200 Syracuse, NY 13202

Receipt:

Updated:

Phone: 315-435-2226 Fax: 315-435-3455

Doc Type: Grantor:

Grantee:

ΝŴ

Legal Desc:

R/COV

10000

**EMERALD POINT INC** 

NYS DEPARTMENT OF ENVIORNMEN

NYS DEPARTMENT OF ENVIORNMEN

**EMERALD POINT INC** 

EMERALD POINT INC.

SYR L32&33 15 ACRE MARSH LOTS SAL

COSTELLO COONEY & FEARON

05/19/2014 MS

1144194 MM

SYRACUSE OFFICE

Record and Return To:

ATTORNEYS PICK UP BOX

Book/Page: 05280/0733 Inst: 14768

Date Filed: 05/16/2014 at 3:35PM

COURTHOUSE

Prop Address:

Submitted by: COSTELLO/COONEY

	Recording Fees	, ,	Miscellar	neous Fees
Addl pages:	3 x 5.00 =	\$ 15.00	RMI:	\$ 20.00
Addl Names:	0 × 0.50 =	\$ 0.00	TP 584:	\$ 0.00
Addl Refs:	0 x 0.50 =	\$ 0.00	RP5217:	\$ 0.00
Misc:		0.00	AFFTS:	\$ 0.00
Basic		\$25.50		
	=	========		==========
TOTAL:		\$40.50	TOTAL:	\$ 20.00
	MORTGAGE TAX		DEED TRA	ANSFER TAX
Mortgage:			Consideration	\$0.00
Basic:		\$0.00	Transfer Tax:	\$0.00
Ins Fund:		\$0.00	SWIS:	3115
Net Add:		\$0.00	Map #:	
Misc:		\$0.00		=======================================
	=	========	Total Paid	\$ 60.50
TOTAL	<u> </u>	\$0.00	Control no	

WARNING - This sheet constitutes the Clerk's endorsement, required by Section 319 of the Real Property Law of the State of New York. Do not detach. Taxes imposed on this instrument at time of recording were paid. Certain information contained in this document is not verified by this office.

SANDRA A SCHEPP Onondaga County Clerk

Book/Page 05280 / 0733 Instrument no.: 14768



# CITY OF SYRACUSE DECLARATION OF RESTRICTIVE COVENANT 3115

THIS COVENANT is made this way day of May. 2014, by EMERALD POINT, INC. ("Emerald"), the fee owner of a certain parcel of real property located at 967 North Clinton Street, Syracuse, New York, as more particularly described in Schedule "A" attached hereto (the "Property"), being the same premises conveyed to Emerald by deed dated December 1, 1987 and recorded in the Onondaga County Clerk's Office December 16, 1987 in Book of Deeds 3412 at page 31.

#### WITNESSETH

WHEREAS, the New York State Department of Environmental Conservation ("NYSDEC") has required Emerald pursuant to New York Law, including the Environmental Conservation Law, to record an instrument with the Onondaga County Clerk setting forth certain restrictions with respect to the Property, which restrictions are to run with the land; and

WHEREAS, Emerald, as the record owner of the Property desires to create for itself and its successors and/or assigns such restrictions.

**NOW, THEREFORE**, Emerald, for itself, its successors and/or its assigns, declares that the following restrictive covenant shall apply to the property and shall run with the land:

1. Groundwater underlying the Property shall not be used for any purpose without first obtaining the written permission from the NYSDEC or, if at such time the NYSDEC no longer exists, any New York State Department, Bureau or entity replacing the New York State Department of Environmental Conservation.

Costelle, Cooney & Fearon, PLLC 27093 (Sec.)

**IN WITNESS WHEREOF**, the undersigned has hereunto caused these presents to be executed by its proper authorized representative as of the day and year first written above.

EMERALD POINT, INC.

By:

Bruge A. Kenan

Prosident , Title

STATE OF NEW YORK )
COUNTY OF Oronge () ss.:

On the 15 day of May in the year 2014, before me, the undersigned, a Notary Public in and for said State, personally appeared **BRUCE A. KENAN**, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

NOTARY PUBLIC

SALLY A COONNELL
Notary Public, State of New York
No. 010D4770826
Qualified in Onondaga County
Commission Expires March 30, 2018

All that certain tract of land situate in the City of Syracuse, County of Onondaga, State of New York, being more particularly bounded and described as follows:

described as follows:

BEGINNING at the point of intersection of the common division line between the lands of Chevron U.S.A. Inc. as described in Book 940 of Deeds at Page 65 on the Southeast and the lands now or formerly of The Belcher Company of N.Y., Inc. on the Northwest with the Southwesterly line of Company of N.Y., Inc. on the Northwest with the Southwesterly line of Southeasterly from a stone monument at the point of intersection of the Southwesterly line of North Clinton Street with the division line between Southwesterly line of North Clinton Street with the division line between Array land and You and runs thence from said point of beginning along Marsh Lots 31 and 32, and runs thence from said point of beginning along said Southwesterly margin, South 46 deg. 39 min. 55 sec. East a distance of 526.99 feet to the common division line between the lands of said Chevron U.S.A. Inc. on the Northwest and the lands now or formerly of Canada Oil Company as described in Book 2523 of Deeds at Page 856 on the Southeast; Company as described in Book 2523 of Deeds at Page 856 on the Southeast; thence along said division line, South 43 deg. 41 min. 40 sec. West a distance of 644.47 feet to a point on the Northeasterly line of Solar Street; thence along said Northeasterly line, North 50 deg. 18 min. 51 sec. West a distance of 190.50 feet to a point; 10 North 43 deg. 41 min. 40 sec. East a distance of 190.50 feet to a point; 11 North 43 deg. 41 min. 40 sec. East a distance of 190.50 feet to a point; 12 North 46 deg. 18 min. 20 sec. West a distance of 190.50 feet to a point; 13 North 60 deg. 43 min. 53 sec. West a distance of 44.84 feet to a point; 13 North 60 deg. 43 min. 53 sec. West a distance of 190.50 feet to a point; 14 North 46 deg. 18 min. 20 sec. West a distance of 190.50 feet to a point; 15 North 46 deg. 18 min. 20 sec. West a distance of 190.50 feet to a point; 15 North 60 deg. 18 min. 20 sec. West a distance of 190.50 feet to a point; 15 North 60 deg. 18 min. 53 sec. West a distance of 190.50 feet to a p

Subject to all easements, covenants, and restrictions of record.



**Project Property:** SITE 3- EMERALD POINT

SYRACUSE, NY 13204

Order No: 20191007060-2

Date Completed: 10/30/2019

The following is the current property legal description (See deed for full legal description):

SML 35 P ABAND ST 395.46X597.96 BR BLDG

Assessor's Parcel Number(s): 311500-117-000-0006-001-002-0000

#### **ENVIRONMENTAL LIEN REPORT**

The ERIS Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied property information to:

- Search for parcel information and / or legal description
- Search for ownership information
- Research official land title documents recorded at jurisdictional agencies such as recorder's' office, registries of deeds, county clerks' offices, etc.
- Access a copy of the deed
- Search for environmental encumbrance(s) associate with the deed
- Provide a copy of any environmental encumbrance(s) based upon a review of keywords in the instrument(s) (title, parties involved and description)
- Provide a copy of the deed or cite documents reviewed

Thank You for Your Business
Please contact ERIS at 416-510-5204 or info@erisinfo.com
with any questions or comments

#### **LIMITATION**

This report is neither a guarantee of title, a commitment to insure, or a policy of title insurance. ERIS — Environmental Risk Information Services does not guarantee nor include any warranty of any kind whether expressed or implied, about the validity of all information included in this report since this information is retrieved as it is recorded from various agencies that make it available. The total liability is limited to the fee paid for this report.



Order No: 20191007060-2

# ENVIRONMENTAL LIEN REPORT Order No: 20191007060-2

The ERIS Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

#### **TARGET PROPERTY INFORMATION**

#### **ADDRESS**

SITE 3- EMERALD POINT SYRACUSE, NY 13204

#### **RESEARCH SOURCE**

ONONDAGA COUNTY RECORDER'S OFFICE
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

#### **DEED INFORMATION**

Type of Instrument: BARGAIN AND SALE DEED

Grantor: COURT STREET WAREHOUSE AND STORAGE INC

Grantee: JPD CORP

Deed Dated: 08/18/1988 Deed Recorded: 08/18/1988

Instrument: BOOK 3468 / PAGE 43

#### **LEGAL DESCRIPTION**

SML 35 P ABAND ST 395.46X597.96 BR BLDG

Assessor's Parcel Number (s): 311500-117-000-0006-001-002-0000



# **ENVIRONMENTAL LIEN REPORT**

Order No: 20191007060-2

#### **ENVIRONMENTAL LIEN**

Environmental Lien: Found X Not Found

If Found Describe:

#### OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: X Found Not Found

If Found Describe:

1st Party: JPD CORP

2<sup>nd</sup> Party: NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Dated: 05/15/2014 Filed: 05/16/2014

Instrument #: BOOK 05280 / PAGE 0745

Comments: DECLARATION OF RESTRICTIVE COVENANT

#### **LEASES**

Lessor: NONE IDENTIFIED

Lessee: Lease Date: Recorded Date: Instrument #: Lease Type: Comments:



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2) 436 W

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT - THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY

THIS INDENTURE, made the 17 th , mineteen hundred and Eighty-eighte and day of August BETWEEN COURT STREET WAREHOUSE AND STORAGE, INC., with its place of businessand; છે છે

251 West Court Street, Syracuse, New York;

11:00 11:00 party of the first part, and JPD CORP., c/o SHANLEY, SWEENEY & REILLY, P.C., 10 Thurlo Terrace, Albany, New York 12203

5 5

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the

See Schedule "A" attached hereto

Intending to be the same premises conveyed by David Klibanow, Trustee, pursuant to a Trust Agreement dated November 25, 1964 made by and between David Klibanow, as Trustee, and Aaron H. Gosch, now deceased, Nathan Vandroff, Benjamin Vandroff, Cecil L. Wahl, Harry Vandroff, William Dewar and David Klibanow, individually, as beneficiaries under said Trust Agreement, to Court Street Warehouse and Storage, Inc. by deed dated the 30th day of September, 1987 and filed for record in the Office of the Clerk of the County of Onondaga, State of New York on the 30th day of September, 1987 and recorded in Liber 3391 of Deeds, Page 56.

> OHONDAGA COUNTY

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises berein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose. The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above

IN PRESENCE OF:

COURT STREET WAREHOUSE AND STORAGE, INC.

STATE OF NEW YORK, COUNTY OF STATE OF NEW YORK, COUNTY OF day of , before me On the day of personally came personally came to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that to me known to be the individual executed the foregoing instrument, and acknowledged that STATE OF NEW YORK, COUNTY OF Prontage... DEL STATE OF NEW YORK, COUNTY OF On the / day of Qual 1988, before me personally came Day qlas Jon Reicher to me known, who, being by me duly sworn, did depose and say that he resides at No. 830 having \$170 Available to the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal effixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed he name thereto by like order. On the On the gay or personally came to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No. that he knows described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto. to be the individual Taula L'Horhhause PARLA L. MODERALISER
Notary Public State of my
Ouel. Onen. Co., No. 4427200
Py Come. Exp.
Bargain and Bale Beeb
TH COVENANT Acainet Comments SECTION WITE COVENANT AGAINST GRANTOR'S ACTS BLOCK LOT COURT STREET WAREHOUSE AND STORAGE, INC. COUNTY OR TOWN TO RETURN BY MAIL TO: JPD CORP. Zip No.

AMAZINE .

FACKE MAKSH LOT 35 SALINA + of March Lot 35 NW

All that certain tract of land situate in the City of Syracuse, County of Onondaga, State of New York lying generally Westerly of North Clinton Street, generally Easterly of Solar Street, and generally Southerly of West Court Street being more particularly bounded and described as follows, as shown on a survey of the property made by C. T. Male Associates, P.C. dated August 12, 1988:

BEGINNING at the point of intersection of the former centerline of Kirkpatrick Street, with the Southwesterly margin of North Clinton Street; thence South 51 deg. 19 min. 29 sec. West a distance of 605.05 feet to its point of intersection with the Northeasterly margin of Solar Street; thence along said Northeasterly margin the following two (2) courses: 1) North 33 deg. 32 min. 16 sec. West a distance of 3.29 feet; thence 2) North 50 deg. 18 min. 51 sec. West a distance of 263.08 feet to its point of intersection with the Southeasterly margin of West Court Street; thence along said Southeasterly margin the following three (3) courses: l) in a generally Northeasterly direction, along a curve to the right of radius 435.00 feet, an arc distance of 44.31 feet, chord bearing being, North 40 deg. 46 min. 33 sec. East, 44.29 feet to a point of tangency; thence 2) North 43 deg. 41 min. 40 sec. East a distance of 389.11 feet to a point of curvature; thence 3) in a generally Northeasterly direction, along a curve to the left of radius 372.53 feet, an arc distance of 189.60 feet, chord bearing being North 29 deg. 06 min. 51 sec. East, 187.56 feet, to its point of

SCHEDULE "A"

intersection with the above mentioned Southwesterly margin of North Clinton Street; thence along said Southwesterly margin, South 46 deg. 39 min. 56 sec. East a distance of 395.46 feet to the point of beginning, containing  $4.348\pm$ acres of land.

Subject to an easement to Oswego and Syracuse Railroad Company dated May 3, 1920, and recorded in Book 474 of Deeds at Page 287.

Also subject to an easement to the City of Syracuse dated January 5, 1965 in Book 2295 of Deeds at Page 113.

Subject to all other easements, covenants, and restrictions of record.

> OMONDAGA COUNTY CLERKS OFFICE Deed, Egoorded on the law of 19 at 19 Page #3 and examined. Elaine Lytel
> COUNTY CLERK

#### ONONDAGA COUNTY CLERK'S OFFICE SANDRA A SCHEPP - COUNTY CLERK 401 Montgomery St - Room 200 Syracuse, NY 13202

Phone: 315-435-2226 Fax: 315-435-3455

Doc Type:

R/COV

Grantor:

Grantee:

JPD CORP

NYS DEPT OF ENVIRONMENTAL OF NYS DEPT OF ENVIRONMENTAL OF

JPD CORP

Legal Desc: SYR L34&35 15 ACRE MARSH LOTS SAL N W

Receipt: 1144194 MM

Book/Page: 05280/0745 Inst: 14771 Date Filed: 05/16/2014 at 3:37PM

Updated: 05/19/2014 MS Record and Return To:

**COSTELLO COONEY & FEARON** 

SYRACUSE OFFICE

ATTORNEYS PICK UP BOX

COURTHOUSE

Prop Address:

Submitted by: COSTELLO/COONEY

Re	cording Fees		Miscellane	ous Fees
Addl pages:	3 x 5.00 =	\$ 15.00	RMI:	\$ 20.00
Addl Names:	0 x 0.50 =	\$ 0.00	TP 584:	\$ 0.00
Addl Refs:	0 x 0.50 =	\$ 0.00	RP5217:	\$ 0.00
Misc:		0.00	AFFTS:	\$ 0.00
Basic		\$25.50		
	==	=======		=========
TOTAL:		\$40.50	TOTAL:	\$ 20.00
MORTGAGE TAX			DEED TRANSFER TAX	
Mortgage:			Consideration	\$0.00
Basic:		\$0.00	Transfer Tax:	\$0.00
Ins Fund:		\$0.00	SWIS:	3115
Net Add:		\$0.00	Map #:	
Misc:		\$0.00	•	=========
	==	=======	Total Paid	\$ 60.50
TOTAL		\$0.00	Control no	•

WARNING - This sheet constitutes the Clerk's endorsement, required by Section 319 of the Real Property Law of the State of New York. Do not detach. Taxes imposed on this instrument at time of recording were paid. Certain information contained in this document is not verified by this office.

SANDRA A SCHEPP Onondaga County Clerk

Book/Page 05280 / 0745 Instrument no.:



## CITY OF SYRACUSE 3115

## DECLARATION OF RESTRICTIVE COVENANT

THIS COVENANT is made this which day of May, 2014, by JPD CORP. ("JPD"), the fee owner of a certain parcel of real property located at 901 North Clinton Street, Syracuse, New York, as more particularly described in Schedule "A" attached hereto (the "Property"), being the same premises conveyed to JPD by deed dated May 3, 2012 and recorded in the Onondaga County Clerk's Office May 14, 2012 in Book of Deeds 5199 at page 173 and a portion of the premises conveyed to JPD by deed dated August 17, 1988 and recorded in the Onondaga County Clerk's Office August 18, 1988 in Book of Deeds 3468 at page 43.

## WITNESSETH

WHEREAS. the New York State Department of Environmental Conservation ("NYSDEC") has required JPD pursuant to New York Law, including the Environmental Conservation Law, to record an instrument with the Onondaga County Clerk setting forth certain restrictions with respect to the Property, which restrictions are to run with the land; and

WHEREAS, JPD, as the record owner of the Property desires to create for itself and its successors and/or assigns such restrictions.

**NOW, THEREFORE.** JPD, for itself, its successors and/or its assigns, declares that the following restrictive covenant shall apply to the property and shall run with the land:

1. Groundwater underlying the Property shall not be used for any purpose without first obtaining the written permission from the NYSDEC or, if at such time the NYSDEC no longer exists, any New York State Department, Bureau or entity replacing the New York State Department of Environmental Conservation.

Costello, Cooney & Fearon, PLLC 27893 < 5 & >

IN WITNESS WHEREOF, the undersigned has hereunto caused these presents to be executed by its proper authorized representative as of the day and year first written above.

By:

Bryce A. Kenan

Prosident

, Title

STATE OF NEW YORK )
COUNTY OF Condago) ss.:

On the 15 day of May in the year 2014, before me, the undersigned, a Notary Public in and for said State, personally appeared **BRUCE A. KENAN**, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

NOTARY PUBLIC

SALLY A. O'DONNELL Notary Public, State of New York No. 01OD4770826 Qualified in Onondaga County Commission Expires March 30, 20 Sal NW

ALL THAT TRACT OR PARCEL OF LAND, situate in the City of Syracuse, County of Onondaga, State of New York, being part of Salt Marsh Lot Nos. 34 & 35, and being more particularly described as follows:

Beginning at the intersection of the northerly street boundary of Solar Street and the westerly street boundary of Court Street, also being the southeast corner of lands owned by Sunnydale Corporation, reputed owner, as recorded in the Onondaga County Clerk's Office in Liber 3449 at page 260, Liber 2523 at page 856 and Liber 2474 at page 009; thence S 55° 19' 50"  $E - 24.431 \pm$  meters (80.15' $\pm$ ) to a point on the easterly street boundary of Court Street, also being the north line of lands owned by JPD Corp., reputed owner, as recorded in the Onondaga County Clerk's Office in Liber 3468 at page 543; thence, along said easterly street boundary of Court Street and said northerly line of JPD Corp., reputed owner the following two (2) courses and distances:

- (1) On a curve to the right having a radius of 132.588± meters (435.00'±), a length along the curve being 11.393± meters (37.38'±) and a chord bearing of N 40° 59' 28" E with a chord distance of 11.390± meters (37.37'±), to a point; thence,
- (2) N 43° 27' 10"  $E 71.097 \pm$  meters (233.26' $\pm$ ) to a point; thence,

N 22° 32' 53" E ~ 84.787± meters (278.17'±) across Court Street to a point on the westerly street boundary of Court Street and also being the easterly line of said lands of Sunnydale Corporation, reputed owner: thence, along said westerly street boundary of Court Street and easterly line of said land of Sunnydale Corporation, reputed owner, the following three (3) courses and distances:

- (1) On a curve to the right having a radius of 89.163± meters (292.53'±), a length along the curve being 32.531± meters (106.73'±) and a chord bearing of S 33° 00' 01" W with a chord distance of 32.351± meters (106.73'±), to a point; thence,
- (2) S 43° 27' 10" W 118.488 $\pm$  meters (388.74' $\pm$ ) to a point; thence,
- along a curve to the left having a radius of 156.972± meters (515.00'±), a length along the curve 15.133± meters (49.65'±), and a chord bearing of S 40° 41' 27" W with a chord distance of 15.128± meters (49.63'±), to the point of beginning.

containing 2,851.7 $\pm$  square meters (30,695.2 $\pm$  square feet) or 0.285 $\pm$  hectares (0.705 $\pm$  acres) of land more or less.

Subject to any easements and restrictions of record.

ALSO, all that portion of the parcel lying north of the current boundary of West Court Street as described in a deed to JPD dated August 17, 1988 and recorded in the Onondaga County Clerk's Office August 18, 1988 in Book of Deeds 3468 at page 43.



**Project Property:** SITE 3- EMERALD POINT

SYRACUSE, NY 13204

Order No: 20191007060-4 **Date Completed:** 10/31/2019

The following is the current property legal description (See deed for full legal description):

LOT P SML 34 314.22X633.95X377.89 VAC

Assessor's Parcel Number(s): 311500-117-000-0002-003-000-0000

## **ENVIRONMENTAL LIEN REPORT**

The ERIS Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied property information to:

- Search for parcel information and / or legal description
- Search for ownership information
- Research official land title documents recorded at jurisdictional agencies such as recorder's' office, registries of deeds, county clerks' offices, etc.
- Access a copy of the deed
- Search for environmental encumbrance(s) associate with the deed
- Provide a copy of any environmental encumbrance(s) based upon a review of keywords in the instrument(s) (title, parties involved and description)
- Provide a copy of the deed or cite documents reviewed

Thank You for Your Business
Please contact ERIS at 416-510-5204 or info@erisinfo.com
with any questions or comments

#### **LIMITATION**

This report is neither a guarantee of title, a commitment to insure, or a policy of title insurance. ERIS — Environmental Risk Information Services does not guarantee nor include any warranty of any kind whether expressed or implied, about the validity of all information included in this report since this information is retrieved as it is recorded from various agencies that make it available. The total liability is limited to the fee paid for this report.



Order No: 20191007060-4

## ENVIRONMENTAL LIEN REPORT Order No: 20191007060-4

The ERIS Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

## **TARGET PROPERTY INFORMATION**

#### **ADDRESS**

SITE 3- EMERALD POINT SYRACUSE, NY 13204

## **RESEARCH SOURCE**

ONONDAGA COUNTY RECORDER'S OFFICE
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

## **DEED INFORMATION**

Type of Instrument: DEED

Grantor: CANADA OIL COMPANY

Grantee: SUNNYDALE CORP

Deed Dated: 05/17/1988 Deed Recorded: 06/08/1988

Instrument: 13671

## **LEGAL DESCRIPTION**

LOT P SML 34 314.22X633.95X377.89 VAC

Assessor's Parcel Number (s): 311500-117-000-0002-003-000-0000



## **ENVIRONMENTAL LIEN REPORT**

**ENVIRONMENTAL LIEN** 

Environmental Lien: Found X Not Found

If Found Describe:

## OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: X Found Not Found

If Found Describe:

1st Party: SUNNYDALE CORPORATION

2<sup>nd</sup> Party: NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Dated: 05/15/2014 Filed: 05/16/2014

Instrument #: BOOK 05280 / PAGE 0729

Comments: DECLARATION OF RESTRICTIVE COVENANT

## **LEASES**

Lessor: NONE IDENTIFIED

Lessee: Lease Date: Recorded Date: Instrument #: Lease Type: Comments:



Order No: 20191007060-4

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CONSULT YOUR LAWYER SEPORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD SE USED BY LAWYERS ONLY.

THIS INDENTURE, made the 17th day of May nineteen hundred and eighty-eight BETWEEN CANADA OIL CO. a New Jersey Corporation, of 1 Valley Street, Hawthorne, New Jersey, 07506.

party of the first part, and 12208. SUNNYDALE CORPORATION, of P.O. Box 8731, Albany, New York

party of the second part.

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the City of Syracuse, County of Onondaga and State of New York, as is more particularly described in Schedule "A", attached hereto.

SUBJECT TO easements, covenants and restrictions of record, if any.

This Deed is being given in compliance with Section 909 of the Business Corporation Law.

This Deed is being given in the ordinary course of business and does not constitute all or substantially all of the assets of the grantor.

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COUNTY

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the first part to covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid, to the representations contained in peragraph 12 of the Purchase and Sale Agreement between the parties to the environmental issues, hereto deated November 8, 1987.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose. The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

to a trial charge

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

CANADA DIL CO.

BY: Myron J. Holman, President

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STATE OF NEW YORK, COUNTY OF nersonally came to me known to be the individual described in and who to me known to be the individual described in and who executed the foregoing instrument, and heknowledged that executed the foregoing instrument, 24.00 STATE OF MEN JOINE COUNTY OF BERGEN STATE OF NEW YORK, COUNTY O On the On the 1744 day of 1988 before me personally came
the subscribing witness to the foregoing instrument, with
whom I am personally acquainted, who, being by me duly
sworn, did depose and say that he resides at No. On the /7 the day of May 1988, Detore me personally came MYRON T. HQLMAN to me known, who, being by me duly sworn, did depose and say that he resides at DK Franklin Lakes. that he is the President Canada 011 Co. that he knows the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed his name thereto by like order. to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and assume execute the same; and that he, said witness, at the same time subscribed h name as witness thereto. Notary Public WILLIAM WROCKLAGE MOTARY PUBLIC OF NEW JERSEY MY COMMISSION EXPIRES OCT. 23, 1997 WITHOUT COVERANT AGAINST GRANTOR'S ACTO SECTION BLOCK TITLE No. LOT COUNTY OR TOWN CANADA OIL CO. SUNNYDALE CORPURATION RETURN BY MAIL TO: JOHN L. ALIEN, ESQ.
SHANLEY, SMENEY & REILLY P.C. 10 THINLUM TECRACE ALRAM , NEW YORK Service Barriery Zip No. 12203 george (Suite ) ALC: NO WAR BEACH THE BOOK C., be & of the first head my 450

All that certain tract of land situate in the City of Syracuse, County of Onondaga, State of New York being more particularly bounded and described as follows:

BEGINNING at the point of intersection of the common division line between the lands of Canada Oil Company as described in Book 2523 of Deeds at Page 856 on the Southeast and the lands now or formerly of Gulf Oil Corporation as described in Book 940 of Deeds at Page 65 on the Northwest with the Southwesterly line of North Clinton Street, said point of beginning being 788.68 feet Southeasterly from a stone monument at the point of intersection of the Southwesterly line of North Clinton Street with the division line between Marsh Lots 31 and 32 and runs thence from said point of beginning along said Southwesterly margin, South 46 deg. 39 min. 55 sec. East a distance of 314.32 feet to its point of intersection with the Northwesterly margin of West Court Street; thence on a curve to the right of radius of 292.53 feet, arc length of 195.05 feet, chord bearing being South 24 deg. 35 min. 33 sec. West 191.46 feet to a point of tangency; thence along said Northwesterly margin, in part and along the common division line between the lands now or formerly of said Canada Oil Company on the Northwest and the lands now or formerly of The Murray Corporation of America on the Northeast, South 43 deg. 41 min. 40 sec. West a distance of 439.11 feet to its point of intersection of the Northeasterly margin of Solar Street; thence along wai: Northeasterly margin, North 50 deg. 18 min. 51 sec. West a distance of 377.89 feet to the intersection of the first mentioned common division line; thence along said common division line North 43 deg. 41 min. 40 sec. East a distance of 644.47 feet to the point of beginning containing 5.390+ acres.

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Intending to convey the same premises conveyed to the party Intending to convey the same premises conveyed to the party of the first part by deed dated January 11, 1974 and recorded in the Onondaga County Clerk's Office on February 27, 1974 in Liber 2523 of Deeds at Page 856.

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Together with all right, title, and interest, if any as contained in the provisions of the following unrecorded Agreements, to which the covenants against the grantor's acts do not apply.

Agreement dated October 9, 1953 between SOCONY-VACUUM OIL COMPANY, INCORPORATED and TIDE WATER ASSOCIATED OIL COMPANY covering pipeline easement and right-of way to lay, construct, operate and maintain one 10-inch pipe line in, under, through and across a 10-foot strip of land on lands of the former.

Agreement dated December 31, 1953 betwee the TEXAS COMPANY and TIDE WATER ASSOCIATED OIL COMPANY covering pipe line right-of-way and easement to lay, construct, operate and maintain one 10-inch pipe line in, under, through and across a 10-foot strip of land on lands of the former.

Agreement dated November 16, 1953 betwee GULF OIL CORPORATION and TIDE WATER ASSOCIATED OIL COMPANY covering pipe line right-of-way and easement to lay, construct, operate and maintain one 10-inch pipe line in, under, through and across a 10-foot strip of land on lands of the

Agreement dated June 1, 1955 between NEW YORK TRANSIT COMPANY, INC. and TIDE WATER ASSOCIATED OIL COMPANY covering right-of-way to construct, maintain, inspect, operate and remove one 10-inch pipe line on premises of the former.

Together with all of the right, title and interest, if any, of the party of the first part in and to the property lying of the southerly boundary of Court Street and southerly to which the covenants against the quantum's tasts do not product course. to which the covenants against the grantor's acts do not cookpaga county CLERKS OFFICE

Deed, Recorded on the Lday of 19/at 19/at 19/24 N 10 Book 3449 Page 2604

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## ONONDAGA COUNTY CLERK'S OFFICE SANDRA A SCHEPP - COUNTY CLERK 401 Montgomery St - Room 200 Syracuse, NY 13202

Phone: 315-435-2226 Fax: 315-435-3455

Doc Type:

R/COV

Grantor:

SUNNYDALE CORPORATION

NYS DEPT OF ENVIRONMENTAL CO NYS DEPT OF ENVIRONMENTAL CO

Grantee:

SUNNYDALE CORPORATION

Legal Desc:

SYR L34 15 ACRE MARSH LOTS SAL N

Receipt:

1144194 MM

Book/Page: 05280/0729 Inst: 14767 Date Filed: 05/16/2014 at 3:34PM

05/19/2014 MS Updated:

Record and Return To:

**COSTELLO COONEY & FEARON** 

SYRACUSE OFFICE

ATTORNEYS PICK UP BOX

COURTHOUSE

Prop Address:

Submitted by: COSTELLO/COONEY

Recording Fees			Miscellaneous Fees	
Addl pages:	3 x 5.00 =	\$ 15.00	RMI:	\$ 20.00
Addi Names:	0 x 0.50 =	\$ 0.00	TP 584:	\$ 0.00
Addl Refs:	0 x 0.50 =	\$ 0.00	RP5217:	\$ 0.00
Misc:		0.00	AFFTS:	\$ 0.00
Basic		\$25.50		
	==:	=======		=========
TOTAL:		\$40.50	TOTAL:	\$ 20.00
MORTGAGE TAX			DEED TRANSFER TAX	
Mortgage:		• • •	Consideration	\$0.00
Basic:		\$0.00	Transfer Tax:	\$0.00
Ins Fund: \$0.00			SWIS:	3115
Net Add:		\$0.00	Map #:	
Misc:		\$0.00		========
	==	=======	Total Paid	\$ 60.50
TOTAL		\$0.00	Control no	

WARNING - This sheet constitutes the Clerk's endorsement, required by Section 319 of the Real Property Law of the State of New York. Do not detach. Taxes imposed on this instrument at time of recording were paid. Certain information contained in this document is not verified by this office.

> SANDRA A SCHEPP Onondaga County Clerk

Book/Page 05280 / 0729 Instrument no.: 14767



# CITY OF SYRACUSE DECLARATION OF RESTRICTIVE COVENANT 3115

THIS COVENANT is made this N5m day of May. 2014, by SUNNYDALE CORPORATION ("Sunnydale"), the fee owner of a certain parcel of real property located at 931 North Clinton Street, Syracuse, New York, as more particularly described in Schedule "A" attached hereto (the "Property"), being the same premises conveyed to Sunnydale by deed dated May 17, 1988 and recorded in the Onondaga County Clerk's Office June 8, 1988 in Book of Deeds 3449 at page 260.

#### WITNESSETH

WHEREAS, the New York State Department of Environmental Conservation ("NYSDEC") has required Sunnydale pursuant to New York Law, including the Environmental Conservation Law, to record an instrument with the Onondaga County Clerk setting forth certain restrictions with respect to the Property, which restrictions are to run with the land; and

WHEREAS, Sunnydale, as the record owner of the Property desires to create for itself and its successors and/or assigns such restrictions.

**NOW, THEREFORE,** Sunnydale, for itself, its successors and/or its assigns, declares that the following restrictive covenant shall apply to the property and shall run with the land:

1. Groundwater underlying the Property shall not be used for any purpose without first obtaining the written permission from the NYSDEC or, if at such time the NYSDEC no longer exists, any New York State Department, Bureau or entity replacing the New York State Department of Environmental Conservation.

Costello, Cooney & Fearen, PLLC 27893 ( ) ( )

IN WITNESS WHEREOF, the undersigned has hereunto caused these presents to be executed by its proper authorized representative as of the day and year first written above.

By:

STATE OF NEW YORK COUNTY OF Crondagy) ss.:

On the day of May in the year 2014, before me, the undersigned, a Notary Public in and for said State, personally appeared BRUCE A. KENAN, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

SALLY A O'DONNELL Notary Public, State of New York No. 010D4770826 Qualified in Onondaga Count

Commission Expires March 30, 20

All that certain tract of land situate in the City of Syracuse, County of Onondaga, State of New York being more particularly bounded and described as follows:

BEGINNING at the point of intersection of the common division line between the lands of Canada Oil Company as described in Book 2523 of Daeds at Page 856 on the Southeast and the lands now or formerly of Gulf Oil Corporation as , described in Book 940 of Decds at Page 65 on the Northwest with the Southwesterly line of North Clinton Street, eaid point of beginning being 788.68 feet Southeasterly from a stone monument at the point of intersection of the Southwesterly line of North Clinton Street with the division line between Harsh Lots 31 and 32 and runs thence from said point of beginning along said Southwesterly margin, South 46 deg. 39 min. 55 sec. East a distance of 314.32 feet to its point of intersection with the Northwesterly margin of West Court Street; thence on a curve to the right of radius of 292.53 feet, are length of 195.05 feet, chord bearing being South 24 deg. 35 min. 33 sec. West 191,46 feet to a point of tangency; thence along said Northwesterly margin, in part and along the common division line between the lands now or formerly of said Canada Oil Company on the Northwest and the lands now or formerly of The Murray Corporation of America on the Northeast, South 43 deg. 41 min. 40 sec. West a distance of 439.11 feet to its point of intersection of the Northeasterly margin of Solar Street; thence along wai: Northeasterly margin, North 50 deg. 18 min. 51 sec. West a distance of 377.89 feet to the intersection of the first mentioned common division line; thence along said common division line North 43 dag, 41 min, 40 sec. Rast a distance of 644.47 feet to the point of beginning containing 5,390+ acres.

## **APPENDIX K**

# SPECTRA-DEC CORRESPONDENCE/REPORTS RELATED TO EMERALD POINT





March 10, 2014

Ms. Kathleen Prather
Division of Materials Management
NYS Department of Environmental Conservation
625 Broadway, 9<sup>th</sup> Floor
Albany, New York 12233-7253

Re: Petition for Beneficial Use Determination

Source Specific Soil for Use as Grading Material on Contiguous Property

Dear Ms. Prather:

On behalf of Destiny USA LLC., Spectra Engineering, Architecture and Surveying, P.C. is pleased to submit this Petition for Beneficial Use Determination (BUD) request. An electronic copy is also being transmitted via e-mail. This Final BUD petition replaces any previous submissions. A copy of this document is also being sent to Region 7. If you have any questions please call me at (518) 782-0882.

Very truly yours,

SPECTRA ENGINEERING, ARCHITECTURE

AND SURVEYING, P.C.

Frank R. Peduto, P.E. Project Manager

Attachment

cc w/ att: M.J. Peachey, Region 7 (hard copy and via e-mail)

K. Lynch, Region 7 (via e-mail) D. Aitken, Destiny (via e-mail)

FRP/KC/m<sup>2</sup>

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## PETITION FOR BENEFICIAL USE DETERMINATION

SOURCE SPECIFIC SOIL FOR USE AS GRADING MATERIAL ON CONTIGUOUS PROPERTY

DESTINY USA SYRACUSE, NEW YORK

## Prepared for:

New York State
Department of Environmental Conservation
Region 7
615 Erie Boulevard
Syracuse, New York 13204

## Prepared by:

Spectra Engineering, Architecture and Surveying, P.C. 19 British American Boulevard Latham, New York 12110

**MARCH 2014** 

## PETITION FOR BENEFICIAL USE DETERMINATION SOURCE SPECIFIC SOIL FOR USE AS

## GRADING MATERIAL ON CONTIGUOUS PROPERTY

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## 1.0 PETITION FOR BENEFICIAL USE DETERMINATION

This document is being submitted as a petition for determination for re-use of source-specific soil as grading material on a contiguous property. Consistent with the precedent set by other beneficial use determinations for source-specific soil, and the generic or pre-determined BUD described in 6NYCRR Part 360-1.15(b)(8), the non-hazardous material will be re-used in areas containing similar material as the source area, and on the basis of historic land use on the same site. Portions of the material meet solid waste criteria and warrant management at a solid waste facility. However, the vast majority of the material will be placed as a grading material on an adjacent parcel. Both the source material and the point of reuse are owned by the applicant.

## 1.1 SOURCE-SPECIFIC SOIL

The source of the material under review is specific to the former Oil City area. The Destiny USA development area is a Brownfield site. The area was divided into nine (9) individual sites. The material is presently located in stockpiles on Site 8 NYSDEC # C734136 and Site 9 NYSDEC # C734137 (See Figure 1). The source material comes from three (3) of the Destiny USA Brownfield sites (Site 1, NYDEC # C734104, Site 6, NYSDEC # C734134, and Site 7, NYSDEC # C734135), all within the phased Destiny USA development. All of the material under review comes from these well defined, well characterized source sites. Material in the Site 8 stockpile came from the excavation of the building footprint for the Destiny USA Site I Expansion. The material in the Site 9 stockpile came from Sites 6 and 7 within the former Oil City area. Sites 6 and 7 have been developed as paved parking areas for Destiny USA.

None of the work performed under this BUD, i.e., transport of material from the existing soil piles on Sites 8 and 9, will be eligible for BCP tax credits.

The constituency of the source material is consistent with the industrial nature of the area soils. The property in question and all the surrounding properties were historically used as large, oil storage facilities. Metals and low-level petroleum aromatic hydrocarbons (PAH) are ubiquitous throughout the area. The material under review has been documented to be non-hazardous through extensive sampling and laboratory testing. The material has been repeatedly characterized for residual contaminant constituents associated with historic use of the site for bulk fuel storage, waste disposal, and other documented industrial uses. The material under review was sampled in its present location (See Appendix A – Soil Pile Sampling Results).

Destiny USA
Petition for Beneficial Use Determination
Page 1

## 1.2 CONTIGUOUS PROPERTY

Prior beneficial use determinations granted by the Department have established the use of this type of source material as a grading material in lieu of disposal at a regulated landfill. The area receiving the material, i.e., Site 3 on Figure 1, is within the former Oil City area but not in the BCP. It was subject to the same past industrial land use as the rest of the Oil City area (bulk petroleum storage facilities). An historical aerial photograph depicting the land use circa 1972 (see Figure 2) illustrates the similarity of land use on the source and receiving parcels, and consequently similarity of subsurface soil conditions.

A portion of the Site 3 parcel already has a deed restriction which prohibits the use of groundwater as a drinking water source. Additionally, groundwater at the site has been sampled and indicates low levels of previous impact (See Appendix B for groundwater results). Depth to groundwater at the site varies from 7 to 14 feet below existing grades.

Part 360-1.15(d)(1)(i) Description of the solid waste under review and its proposed use.

The material under review, approximately 130,000 cubic yards of soil, is currently stockpiled on BCP Sites 8 and 9 of the Destiny USA property (See Figure 1, Site Locations). It is remnant of site excavation which occurred in support of various aspects of site development. Of the 130,630 cubic yards, 42,000 cubic yards on Site 9 has been subject to previous bioremediation treatment. Predetermined screening criteria, has established the soil material to be segregated approximately as follows:

- a) 124,500 cubic yards of soil will go to Site 3;
- b) 2,280 cubic yards is destined for disposal at a sanitary landfill; and
- c) 3,900 cubic yards of exempt material (e.g., uncontaminated asphalt, concrete, brick, soil, and rock).

The stockpiles have been investigated in accordance with a DEC approved investigation plan. The piles were sampled for VOCs, semi-volatile organic compounds (SVOCs), metals, and PCBs. Over 100 soil samples were collected from the soil piles on Sites 8 and 9. Low levels of certain metals were detected in 20% of the samples and low levels of PCBs were detected in 6% of the samples.

The material under review is a mixture of silt, sand, and gravel fill material taken from two primary areas. It has been tested and the gradation is suitable for use as Select Fill under the NYSDOT Item 203.6 specification. Test results are attached in Appendix C. The Site 8 stockpile was material excavated from beneath the space now occupied by the Destiny USA expansion located northwest of Hiawatha Boulevard. The Site 9 stockpile was taken from the

Destiny USA Spectra # 12129
Petition for Beneficial Use Determination Page 2

area now occupied by the Destiny USA parking lots southeast of Hiawatha Boulevard and has been previously bioremediated. The material is presently stockpiled and ready for transportation to the point of reuse. It will be used as grading material to bring the Site 3 parcel to the lines and grades needed for future development.

Part 360-1.15(d)(1)(ii) Chemical and physical characteristics of the solid waste under review.

The soil in the stockpiles on Sites 8 and 9 is marginally impacted material (See Appendix A – Sample Results Summary Tables). Based upon extensive review with the DEC, the majority of the soil, approximately 124,500 cubic yards has been determined to be acceptable and is ready for immediate loading and transport to the point of use on Site 3. The remaining material, 2,280 cubic yards of regulated solid waste will be disposed at a sanitary landfill. The material designated for disposal was determined through extensive sampling and shown in Figures 3 and 3A. The 3,900 cubic yards of unregulated material (i.e., uncontaminated asphalt, concrete, brick, stone, etc) will be brought to Site 4 for recycling.

Part 360-1.15(d)(1)(iii) Demonstration that there is a known or reasonably probable market for the intended use of the solid waste under review, consisting of (a) ((contract to purchase the proposed product or to have the solid waste under review used in the manner proposed)), (b) a description of how the proposed product will be used, (c) (N/A), or (d) documentation that a market for the proposed product or use exists.

## 1.3 USE OF THE MATERIAL FOR GRADING

The proposed use of the source-specific soils represents a higher use compared to the alternative of disposal. Grading material is a marketable commodity, as demonstrated by the availability of material for a fee, indicating an existing market supply and demand. The quantity needed to establish the desired grade on Site 3 is approximately 135,000 cubic yards.

The alternative of disposal for marginally contaminated materials has significant environmental and economic disadvantages. In addition to the considerable transportation and disposal cost for 135,000 cubic yards of material, the dedication of space in landfills for this material represents a loss of highly valuable space needed for municipal waste in the State of New York.

With management in accordance with the Solid Waste Control Plan, the material on Sites 8 and 9 will be suitable for grading purposes. The existing and final grading contours where the material will be used are shown on Figures 4A and 4B. A cross section with final grading profile is shown on Figure 5.

Destiny USA
Petition for Beneficial Use Determination
Page 3

Part 360-1.15(d)(1)(iv) a demonstration that the management of the solid waste under review will not adversely affect human health and safety, the environment, and natural resources by providing (a) a solid waste control plan, and (b) a contingency plan that contains the information and is prepared in accordance with subdivision 360-1.9(h).

During placement of the material, the site will have controlled access to prevent public contact with the material. The top course of the placed and graded material will have a minimum thickness of one (1) foot and consist of material that is suitable for grading. With further planned development, ingestion and dermal contact exposure pathways will be eliminated.

A Stormwater Pollution Prevention Plan (SWPPP) has been prepared for development activity on Site 3. There are two retention basins constructed on Site 3 to contain and control runoff. The proposed beneficial use will ensure that the material will be graded in a manner that prevents adverse impacts to runoff (See Figure 4B – Final Grading Contours). To ensure the effectiveness of this BUD, there will be strict compliance with the approved SWPPP.

A Community Air Monitoring Program (CAMP), consistent with the previously approved BCP CAMP, will be in place. Material-handling contractors will be prepared to implement dust control measures if the CAMP indicates VOCs or particulate matter might exceed state allowable levels.

## 2.0 SOLID WASTE CONTROL PLAN

(1) the source of the solid waste under review, including contractual arrangements with the supplier;

The material under review has been generated by soil excavation for Destiny USA's expansion and from grading in the areas now serving as the Destiny USA auxiliary parking lots. The supplier is also the buyer. The work under this BUD is not being performed under the BCP.

(2) procedures for periodic testing of the solid waste under review and the proposed product to ensure that the proposed product's composition has not changed significantly;

Extensive soil samples have been previously collected and characterized (See Appendix A) from the soil piles on Sites 8 and 9. The properties of the soil are appropriate for the intended use (See Appendix C – Gradation Results). Material from the Site 8 and 9 soil piles will be separated based on the DEC approved Soil Management Plan which identifies soil for off-site disposal. No further soil testing is required.

Destiny USA
Petition for Beneficial Use Determination

Spectra # 12129
Page 4

(3) the disposition of any solid waste which may result from the manufacture of the product into which the solid waste under review is intended to be incorporated;

Uncontaminated concrete, brick, asphalt, soil and rock will be separated during pile removal and taken to Site 4 where it will be crushed and recycled into an aggregate for general construction. Disposable materials, such as wood, plastic, etc., will be separated and staged on either site 8 or 9 for disposal at an appropriate, permitted facility within 30 days of being generated. There is no expectation of any other material that will require further processing to serve the intended purpose; therefore, there will be no manufactured related solid waste by products. Should other material be found during removal of soil on either Site 8 or 9, DEC will be notified within 24 hours.

(4) a description of the type of storage (e.g., tank or pile) and the maximum anticipated inventory of the solid waste under review (not to exceed 90 days) before being used;

As described above, the material is categorized as follows;

- a) Soil to Site 3 -124,500 cubic yards;
- b) Soil for disposal at a sanitary landfill 2,280 cubic yards; and
- c) Exempt Material to Site 4 3,900 cubic yards (e.g., uncontaminated asphalt, concrete, brick, soil, and rock).

The exempt material and disposable material will not enter Site 3. The remaining inventory (124,500 cubic yards) will be used immediately as grading material except for 11,000 cubic yards which will be reserved for cover soil. Soil designated for disposal at a landfill will be managed within 60 days of generation. To accommodate the processing of soil from other sources that will also be utilized as grading material on Site 3, the time frame for utilizing the BUD material may take anywhere from 4 to 6 months with completion anticipated no later than December 31, 2014. As such, a waiver of the maximum 90-day inventory period is requested (See Request for Waiver of Material Storage Time Limit below).

Except for reserve cover material, all soil transported to Site 3 will immediately be placed and graded to specified grades. All activities will be compliant with approved SWPPPs on Sites 8, 9 and 3.

(5) procedures for run-on and run-off control of the storage areas for the solid waste under review;

The material will not require permanent storage to serve the intended purpose. Two existing retention ponds and perimeter silt fencing will serve as run-off controls once the material has

been transferred to Site 3. A SWPPP has been approved by the City of Syracuse and the site has coverage under the general permit for stormwater discharges.

(6) a program and implementation schedule of best management practices designed to minimize uncontrolled dispersion of the solid waste under review before and during all aspects of its storage as inventory and/or during beneficial use;

Ordinary earth moving and transportation equipment will be used for delivery of the material to Site 3 and for using the material for its intended use (grading and final cover). Best management practices to minimize dispersion of the material will be in accordance with New York State Department of Transportation regulations for hauling soil. Oversight of soil screening and segregation from Sites 8 and 9 to Site 3 and 4 will be conducted by a licensed Professional Engineer.

## 3.0 CONTINGENCY PLAN

(i) a description of arrangements between the applicant and local police departments, fire departments, hospitals, contractors, equipment suppliers, and State and local emergency response teams to coordinate emergency services and familiarize them with the layout of the facility, properties of the solid waste handled at the facility and associated hazards, places where facility personnel normally would be working, entrances to and roads inside the facility, and possible evacuation routes, as appropriate;

The material is inert soil. It presents no hazard that would require emergency services. The owner will manage the material as grading material along with 11,000 cubic yards of soil stockpiled for future cover as shown on Figure 5. The material will be moved by the Destiny contractor on a predetermined route between Sites 8 and 9 to the point of use at Site 3. The exempt material will be moved by the Destiny contractor on a predetermined route between Sites 8 and 9 to Site 4. Graded stone tracking pads will be placed at the access and egress of each site to minimize the any material from being tracked onto the roadways, as required by the stormwater pollution prevention plan and general stormwater permit. The City of Syracuse will be notified prior to soil transport on public roads. Other than safe operating practices for earth moving equipment, no special precautions are warranted for handling the material.

(ii) a list of names, addresses and telephone numbers (office and home) of all individuals qualified to act as an emergency coordinator. Where more than one individual is listed, the primary coordinator must be listed first and the others listed in the order in which they will assume responsibility as alternates;

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The owner will assume responsibility for managing and handling the material. The material is inert soil. No emergency situations will arise as a result of any unique properties of the material. In the unlikely case of an emergency the primary contact for Destiny is David Aitken (315-422-7000).

(iii) a list of all relevant emergency equipment maintained at the facility (such as, but not limited to, fire extinguishing systems, spill control equipment, and internal and external communications and alarm systems) and the location and a physical description of each item of emergency equipment with a brief outline of its capabilities; and

The material is inert soil. Other than routine safety equipment associated with earth moving equipment, no emergency equipment is required related to any unique properties of the material.

(iv) an evacuation plan for facility personnel, including a description of signals to be used to begin evacuation and of the primary and alternate evacuation routes.

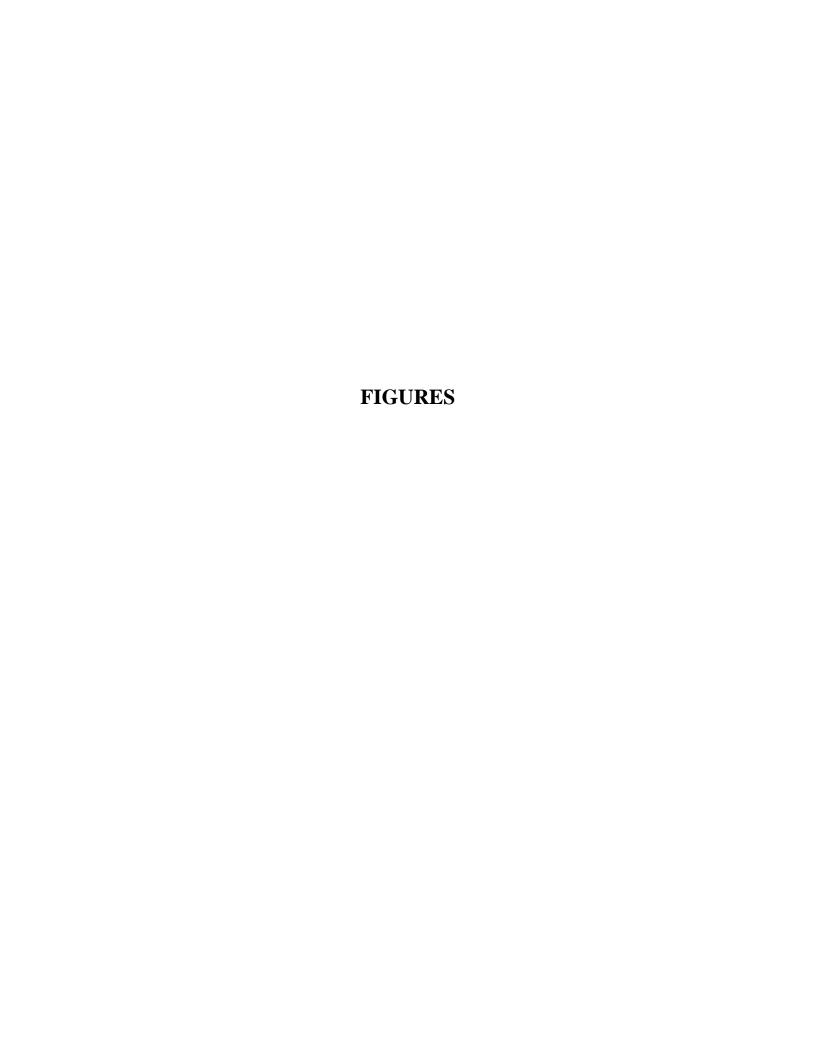
No unsafe conditions will arise due to any unique properties of the material. All contractors are required to maintain and implement a Health and Safety Plan (HASP) if necessary. All site construction is subject to OSHA regulations.

## 4.0 REQUEST FOR WAIVER OF MATERIAL STORAGE TIME LIMIT

Most of the material will be placed and graded immediately after transport. However, there will be the need to stockpile a portion of the material for future use as cover material. Approximately 11,000 cubic yards will be stockpiled for a period of up to nine months. We request a waiver under NYCRR Part 360-1.7(b)(4) for this stockpile.

The material is inert soil. It presents no hazard that should require emergency services. No emergency situations are anticipated as a result of any unique properties of the material. Other than routine safety equipment associated with earth moving equipment, no emergency equipment is required related to any unique properties of the material. An extended stockpiling period will have no impact on the protection of human health or the environment.

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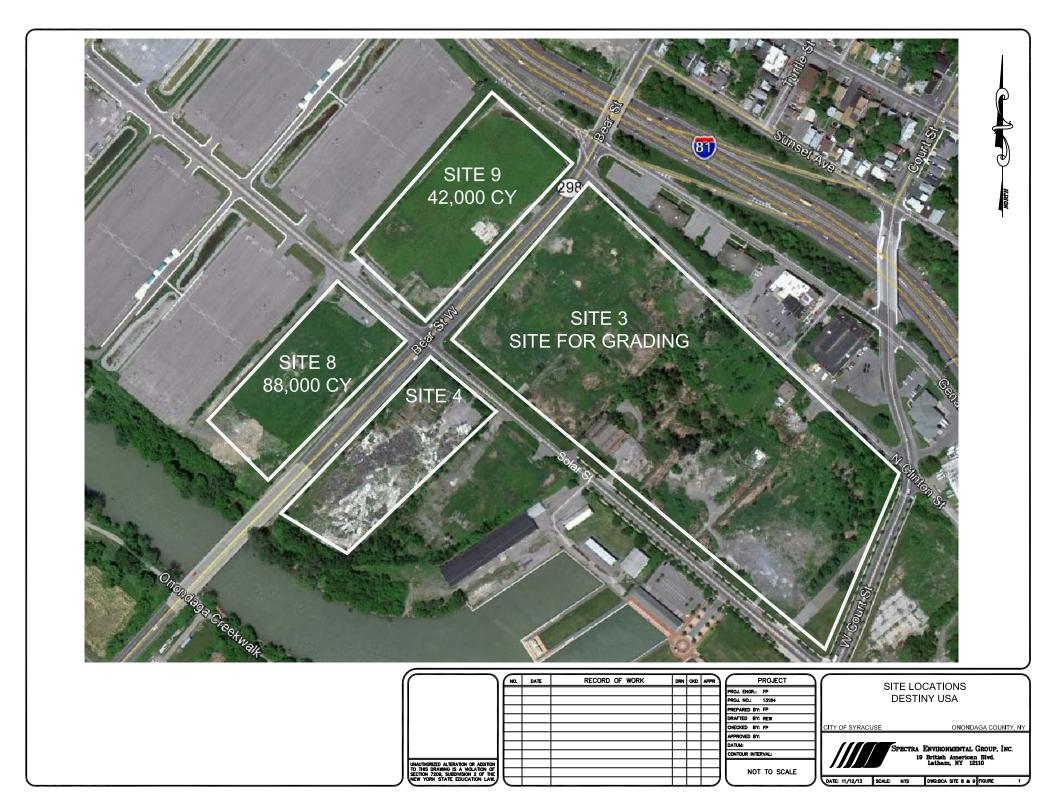
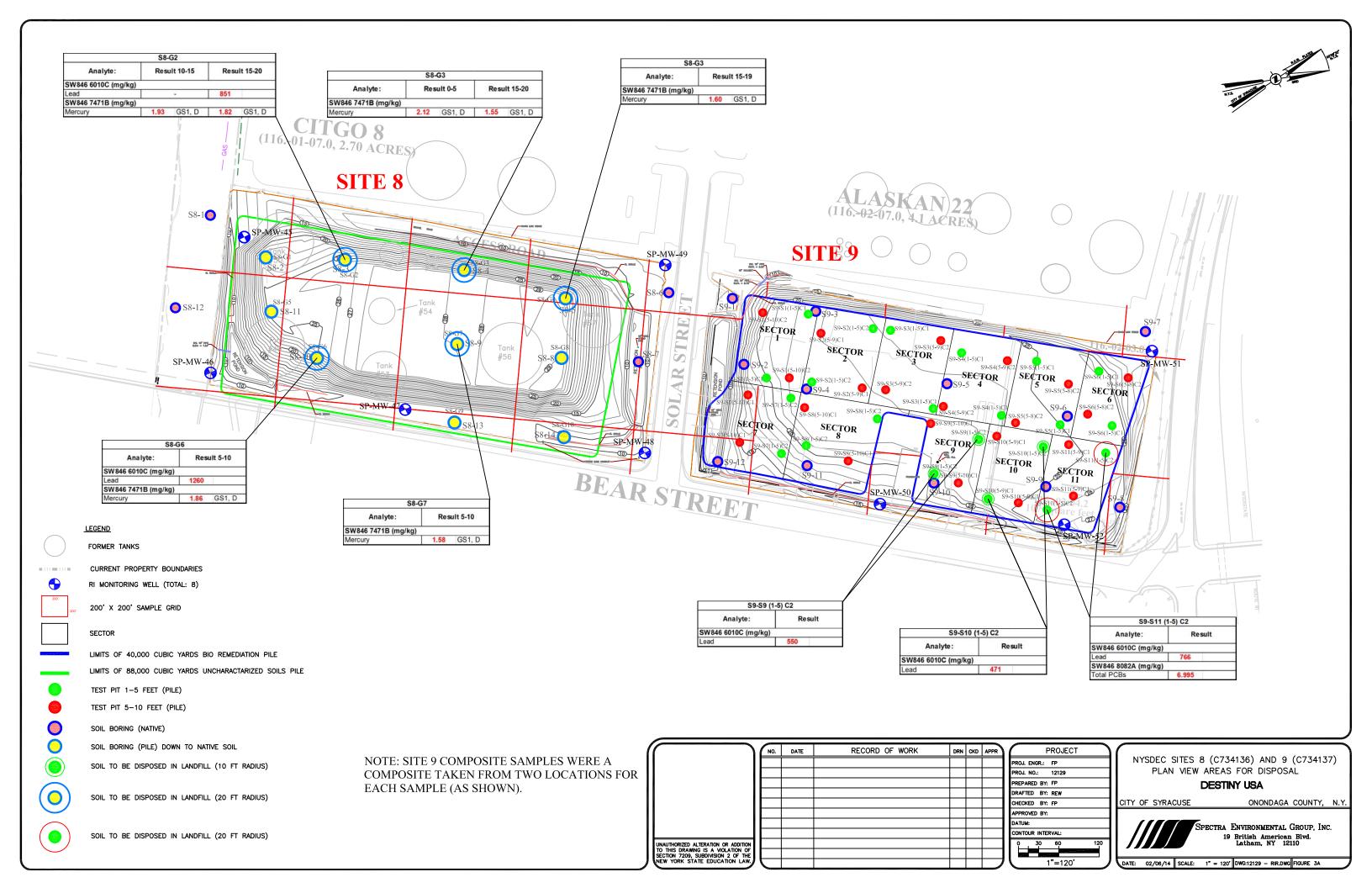


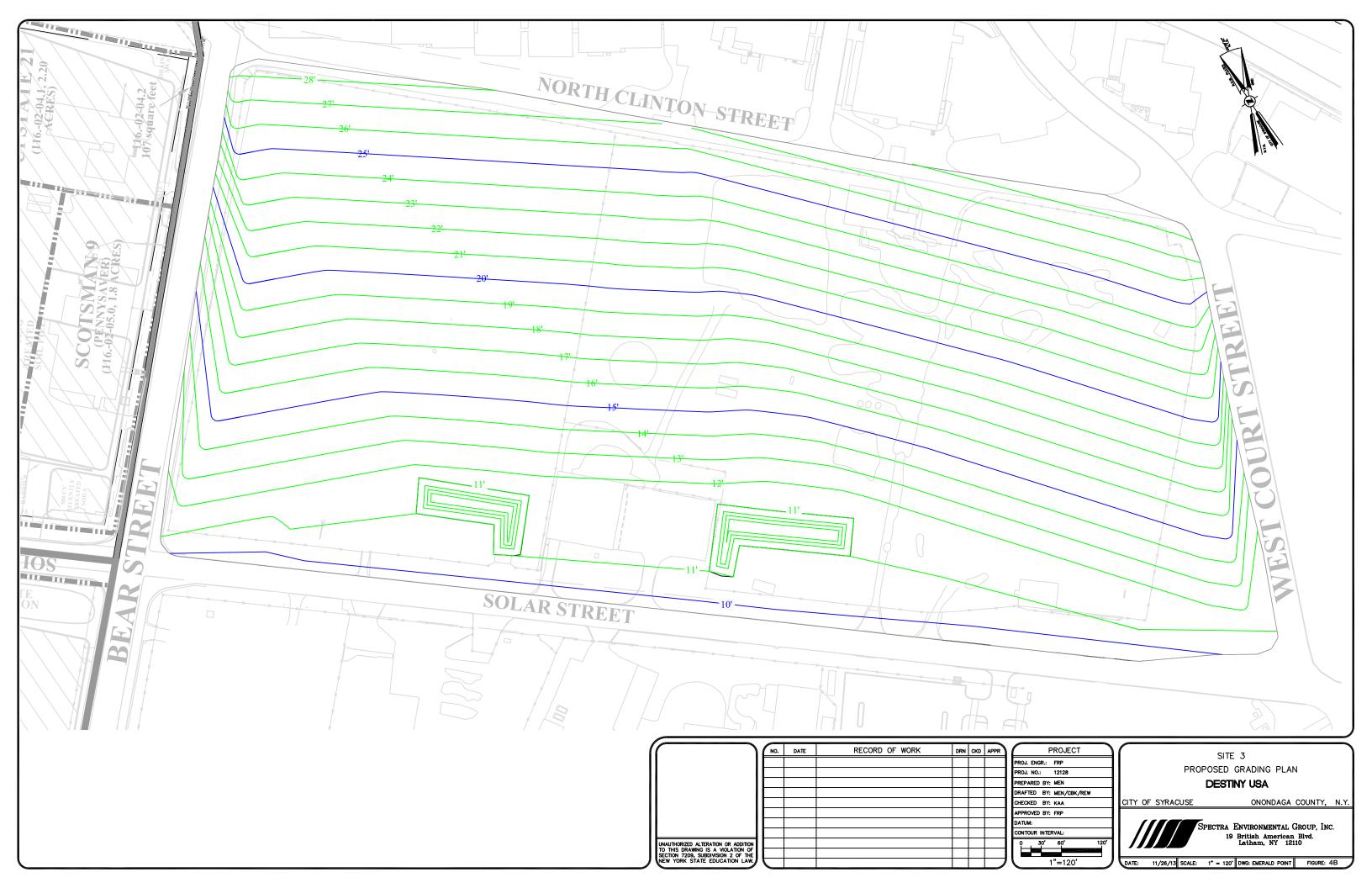


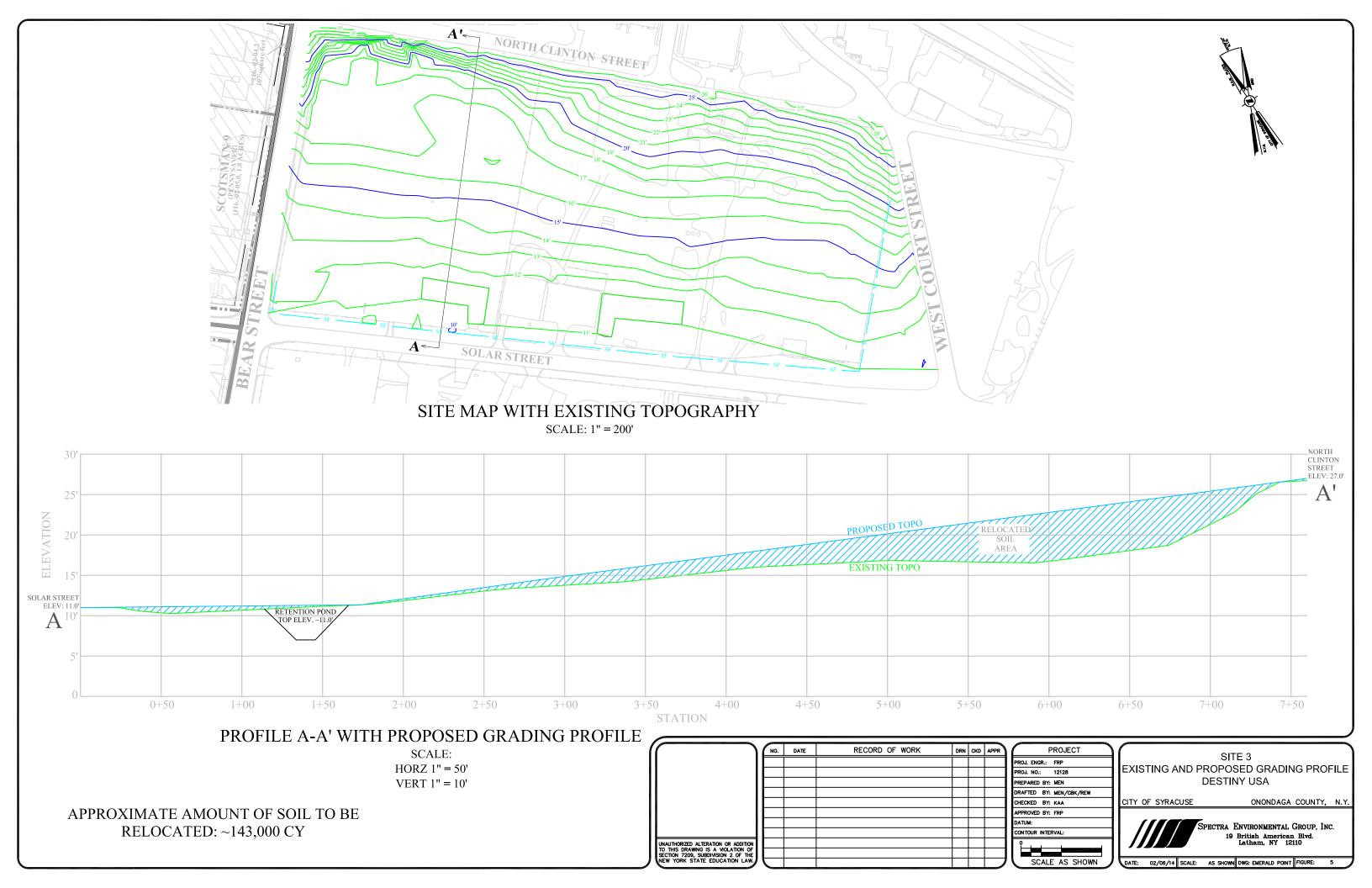
Figure 2: Historical Aerial Photograph

## **WESTERN PORTION** GRID 4 SECTOR 4 SECTOR 5 SECTOR 6 GRID 1 GRID 2 GRID 3 SECTOR 1 SECTOR 2 SECTOR 3 SOLAR STREET APPROXIMATE NATIVE SOIL LEVEL APPROXIMATE NATIVE SOIL LEVEL SITE 9 APPROXIMATE DEPTH OF GROUNDWATER SITE 8 NYS BARGE CANAL Station **EASTERN PORTION** GRID 5 GRID 6 GRID 7 GRID 8 SECTOR 7 SECTOR 8 SECTOR 9 SECTOR 10 SECTOR 11 BUILDING FOUNDATION SOLAR STREET APPROXIMATE NATIVE SOIL LEVEL APPROXIMATE NATIVE SOIL LEVEL SITE 9 SITE 8 APPROXIMATE DEPTH OF GROUNDWATER NYS BARGE CANAL station PROFILE SCALE: RECORD OF WORK DRN CKD APPR PROJECT DATE NYSDEC SITES 8 (C734136) AND 9 (C734137) HORZ: 1" = 150" PROJ. ENGR.: FP Material to be disposed in **VERT: 1" = 15**' CROSS SECTION AREAS FOR DISPOSAL PROJ. NO.: 12129 regulated landfill PREPARED BY: FP **DESTINY USA** DRAFTED BY: REW CHECKED BY: FP CITY OF SYRACUSE ONONDAGA COUNTY, N.Y. APPROVED BY: DATUM: SPECTRA ENVIRONMENTAL GROUP, INC. CONTOUR INTERVAL: 19 British American Blvd. Latham, NY 12110 UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209, SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW. AS SHOWN DATE: 02/06/14 SCALE: AS SHOWN DWG:12129 - RIR.DWG FIGURE 3







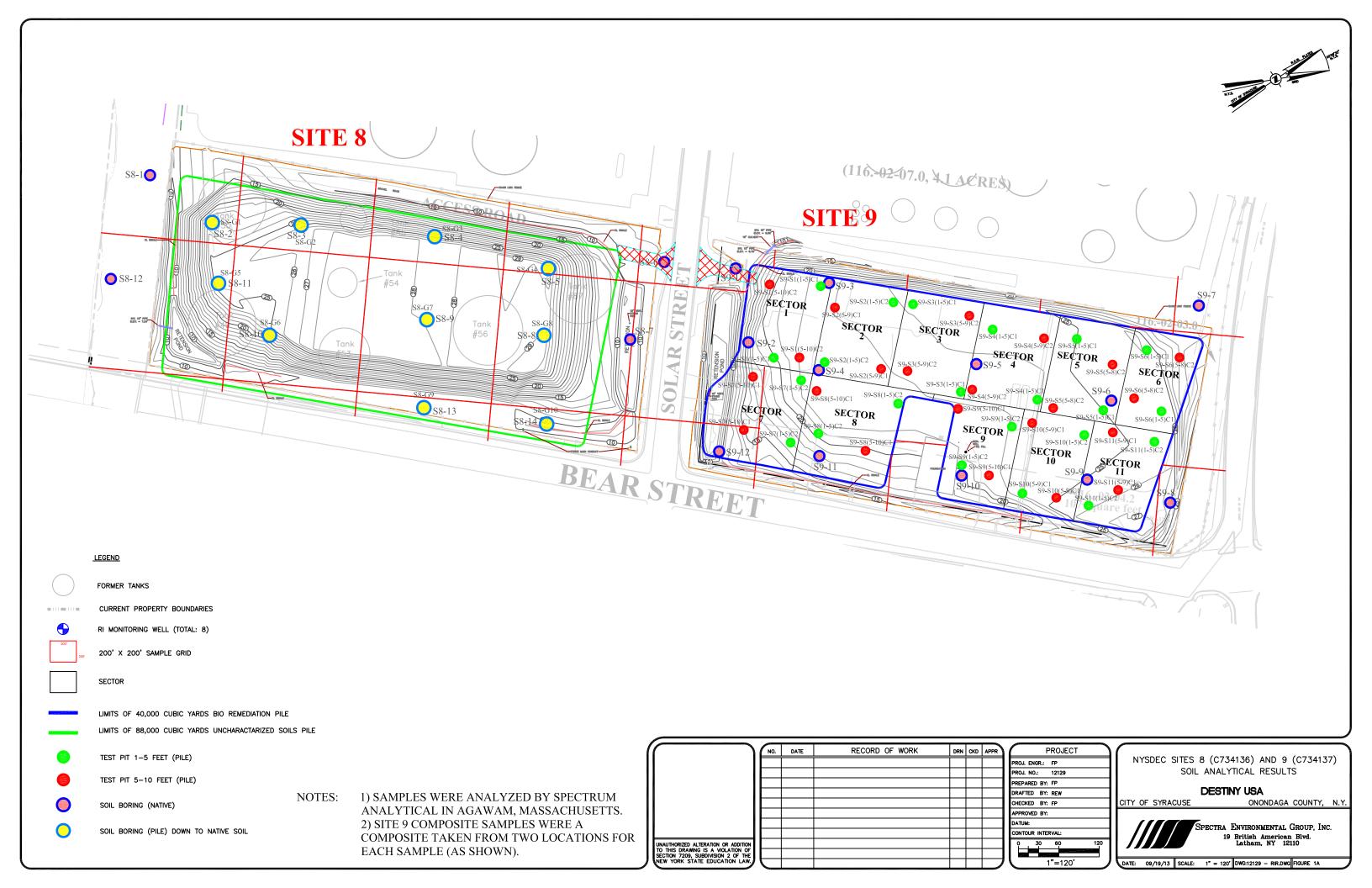


## **APPENDIX A**

# SOIL PILE SAMPLING RESULTS SAMPLE LOCATION MAP

SITE 8
(VOCS –SVOCS - METALS AND PCBS)

SITE 9 (VOCs –SVOCs - METALS AND PCBs)



## Table 1A Soil Analytical Results (VOCs) Site 8 (Pile), Destiny USA (July 24, 2013 - August 15, 2013)

										Samp	ole ID									
Site 8 Pile	S8-G	1 (3)V	S8-G1 (	3)V RE	S8-G	1 (8)V	S8-G1 (	8)V RE	S8-G1	(12)V	S8-G1 (	12)V RE	S8-G2	(4) V	S8-G2	(7) V	S8-G2	(13) V	S8-G2	(17) V
VOCs by 8260C	8/5/2	2013	8/5/2	2013	8/5/2	2013	8/5/2	2013	8/5/2	013	8/5/2	2013	8/2/2	013	8/2/2	013	8/2/2	2013	8/2/2	2013
Acetone	0.102	JL	< 0.677	UJL, D	<0.640	UJL, D	< 0.0702	UJL	< 0.634	UJL, D	0.127	JL	0.159	JL	0.151	JL	0.0552	JL	0.0502	JL
n-Butylbenzene	< 0.0057	UJL	0.0434	JL, D	0.0435	JL, D	< 0.0070	UJL	0.0596	JL, D	0.0080	JL	< 0.0064	UJL	< 0.0053	UJL	< 0.0057	UJL	< 0.0049	UJL
sec-Butylbenzene	< 0.0057	UJL	< 0.0677	UJL, D	< 0.0640	UJL, D	< 0.0070	UJL	< 0.0634	UJL, D	0.0087	JL	< 0.0064	UJL	< 0.0053	UJL	< 0.0057	UJL	< 0.0049	UJL
cis-1,2-Dichloroethene	0.0179	JL	0.228	D	0.0531	JL, D	< 0.0070	UJL	0.0634	JL, D	0.0026	JL	0.0044	JL	0.0040	JL	0.0036	JL	< 0.0049	UJL
trans-1,2-Dichloroethene	< 0.0057	UJL	0.0596	JL, D	< 0.0640	UJL, D	< 0.0070	UJL	< 0.0634	UJL, D	< 0.0061	UJL	< 0.0064	UJL	< 0.0053	UJL	< 0.0057	UJL	< 0.0049	UJL
Ethylbenzene	< 0.0057	UJL	0.0528	JL, D	< 0.0640	UJL, D	< 0.0070	UJL	0.0628	JL, D	< 0.0061	UJL	< 0.0064	UJL	< 0.0053	UJL	< 0.0057	UJL	0.0041	JL
Isopropylbenzene	< 0.0057	UJL	< 0.0677	UJL, D	< 0.0640	UJL, D	< 0.0070	UJL	< 0.0634	UJL, D	0.0055	JL	< 0.0064	UJL	0.0032	JL	< 0.0057	UJL	0.0048	JL
Methylene chloride	0.0082	JL, O01	< 0.135	UJL, D	<0.128	UJL, D	0.0044	JL, O01	<0.127	UJL, D	0.0069	JL, O01	<0.0128	UJL	< 0.0107	UJL	0.0031	JL, O01	0.0025	JL, O01
n-Propylbenzene	< 0.0057	UJL	< 0.0677	UJL, D	< 0.0640	UJL, D	< 0.0070	UJL	0.0406	JL, D	0.0040	JL	< 0.0064	UJL	< 0.0053	UJL	< 0.0057	UJL	< 0.0049	UJL
Toluene	< 0.0057	UJL	0.612	D	< 0.0640	UJL, D	< 0.0070	UJL	0.105	JL, D	< 0.0061	UJL	< 0.0064	UJL	< 0.0053	UJL	< 0.0057	UJL	< 0.0049	UJL
Trichloroethene	0.0197	JL	0.828	D	0.0831	JL, D	< 0.0070	UJL	0.126	JL, D	< 0.0061	UJL	0.0065	JL	< 0.0053	UJL	< 0.0057	UJL	< 0.0049	UJL
1,2,4-Trimethylbenzene	0.0050	JL	0.144	JL, D	0.0544	JL, D	< 0.0070	UJL	0.127	JL, D	0.0414	JL	< 0.0064	UJL	< 0.0053	UJL	< 0.0057	UJL	0.0030	JL
Vinyl chloride	< 0.0057	UJL	< 0.0677	UJL, D	< 0.0640	UJL, D	< 0.0070	UJL	< 0.0634	UJL, D	< 0.0061	UJL	< 0.0064	UJL	0.0093	JL	< 0.0057	UJL	< 0.0049	UJL
m,p-Xylene	< 0.0114	UJL	0.226	D	<0.128	UJL, D	< 0.0140	UJL	0.181	JL, D	< 0.0122	UJL	<0.0128	UJL	< 0.0107	UJL	< 0.0113	UJL	<0.0098	UJL
Total Xylene			0.226	•		•		•	0.181											

										Sam	ple ID									
Site 8 Pile	S8-G3	(2) V	S8-G3	(7) V	S8-G3 (	(15) V	S8-G3	(20) V	S8-G	4 (5) V	S8-G4	(10) V	S8-G4	(12) V	S8-G4	(17) V	S8-G5	5 (3) V	S8-G5	5 (7) V
VOCs by 8260C	8/1/2	013	8/1/2	013	8/1/20	013	8/1/2	013	8/1/	2013	8/1/2	013	8/1/2	013	8/1/2	013	7/31/	2013	7/31/	/2013
Acetone	0.109	JL	0.147	JL	0.0523	JL	< 0.0414	UJL	0.257	VOC11, E	0.123	JL	0.183	JL	0.0997	JL	0.0525	JL	< 0.0609	UJL
2-Butanone (MEK)	< 0.0693	UJL	<0.0588	UJL	<0.0646	UJL	< 0.0414	UJL	0.0746	JL	< 0.0638	UJL	< 0.0651	UJL	<0.101	UJL	< 0.0454	UJL	< 0.0609	UJL
n-Butylbenzene	0.0072	JL	0.0061	JL	0.0044	JL	<0.0041	UJL	<0.0058	UJL	< 0.0064	UJL	< 0.0065	UJL	0.0345	JL	< 0.0045	UJL	< 0.0061	UJL
sec-Butylbenzene	0.0084	JL	0.0077	JL	< 0.0065	UJL	< 0.0041	UJL	<0.0058	UJL	< 0.0064	UJL	< 0.0065	UJL	0.0283	JL	< 0.0045	UJL	< 0.0061	UJL
Chlorobenzene	< 0.0069	UJL	0.0033	JL	< 0.0065	UJL	< 0.0041	UJL	<0.0058	UJL	< 0.0064	UJL	< 0.0065	UJL	<0.0101	UJL	< 0.0045	UJL	< 0.0061	UJL
1,4-Dichlorobenzene	0.0097	JL	0.0047	JL	< 0.0065	UJL	<0.0041	UJL	0.0050	JL	< 0.0064	UJL	< 0.0065	UJL	<0.0101	UJL	< 0.0045	UJL	< 0.0061	UJL
cis-1,2-Dichloroethene	< 0.0069	UJL	< 0.0059	UJL	< 0.0065	UJL	< 0.0041	UJL	0.0031	JL	< 0.0064	UJL	0.0036	JL	<0.0101	UJL	< 0.0045	UJL	< 0.0061	UJL
Ethylbenzene	0.0115	JL	< 0.0059	UJL	0.0074	JL	< 0.0041	UJL	<0.0058	UJL	< 0.0064	UJL	0.0060	JL	0.0907	JL	< 0.0045	UJL	< 0.0061	UJL
Isopropylbenzene	0.0169	JL	0.0188	JL	0.0062	JL	< 0.0041	UJL	0.0038	JL	0.0042	JL	0.0041	JL	0.0617	JL	< 0.0045	UJL	< 0.0061	UJL
Methylene chloride	< 0.0139	UJL	<0.0118	UJL	<0.0129	UJL	0.0025	JL, O01	< 0.0116	UJL	<0.0128	UJL	< 0.0130	UJL	< 0.0203	UJL	0.0061	JL, O01	0.0068	JL, O01
n-Propylbenzene	0.0088	JL	0.0077	JL	< 0.0065	UJL	<0.0041	UJL	<0.0058	UJL	< 0.0064	UJL	< 0.0065	UJL	0.0324	JL	< 0.0045	UJL	< 0.0061	UJL
Toluene	< 0.0069	UJL	< 0.0059	UJL	< 0.0065	UJL	< 0.0041	UJL	<0.0058	UJL	< 0.0064	UJL	< 0.0065	UJL	0.0151	JL	< 0.0045	UJL	< 0.0061	UJL
1,2,4-Trimethylbenzene	0.0155	JL	0.0153	JL	0.0324	JL	0.0070	JL	0.0238	JL	< 0.0064	UJL	0.0123	JL	0.220		< 0.0045	UJL	< 0.0061	UJL
1,3,5-Trimethylbenzene	< 0.0069	UJL	< 0.0059	UJL	0.0095	JL	< 0.0041	UJL	0.0085	JL	< 0.0064	UJL	< 0.0065	UJL	0.0695	JL	< 0.0045	UJL	< 0.0061	UJL
m,p-Xylene	< 0.0139	UJL	<0.0118	UJL	0.0349	JL	0.0105	JL	<0.0116	UJL	<0.0128	UJL	< 0.0130	UJL	0.338		< 0.0091	UJL	<0.0122	UJL
o-Xylene	< 0.0069	UJL	< 0.0059	UJL	0.0139	JL	0.0049	JL	0.0044	JL	< 0.0064	UJL	0.0064	JL	0.106	JL	< 0.0045	UJL	< 0.0061	UJL
Total Xylene					0.0488		0.0154		0.0044	•			0.0064		0.444					•

										Sam	ple ID									
Site 8 Pile	S8-G5	5 (12)V	S8-G6	6 (3)V	S8-G6	(8)V	S8-G6	(12)V	S8-G7	(4) V	S8-G7	7 (9) V	S8-G7 (	9) V RE	S8-G7	7 (11) V	S8-G7	(18) V	S8-G7	(20) V
VOCs by 8260C	8/5/2	2013	8/5/2	.013	8/5/2	013	8/5/2	013	8/2/2	013	8/2/2	2013	8/2/2	2013	8/2/	2013	8/2/2	2013	8/2/2	2013
Acetone	0.191	JL	<0.688	UJL, D	< 0.0690	UJL	0.0739	JL	0.176	JL	0.352	VOC11, E	< 0.763	UJL, D	0.331	VOC11, E	0.308		<0.707	UJL, D
Benzene	< 0.0096	UJL	<0.0688	UJL, D	<0.0069	UJL	< 0.0073	UJL	<0.0072	UJL	0.0043	JL	< 0.0763	UJL, D	< 0.0059	UJL	< 0.0132	UJL	< 0.0707	UJL, D
2-Butanone (MEK)	< 0.0961	UJL	<0.688	UJL, D	< 0.0690	UJL	< 0.0730	UJL	<0.0721	UJL	0.0801	JL	< 0.763	UJL, D	0.0608	JL	< 0.132	UJL	<0.707	UJL, D
n-Butylbenzene	< 0.0096	UJL	0.0406	JL, D	< 0.0069	UJL	< 0.0073	UJL	< 0.0072	UJL	0.0285	JL	0.140	JL, D	0.0053	JL	0.0118	JL	0.0622	JL, D
sec-Butylbenzene	< 0.0096	UJL	<0.0688	UJL, D	< 0.0069	UJL	< 0.0073	UJL	< 0.0072	UJL	0.0257	JL	0.104	JL, D	< 0.0059	UJL	0.0167	JL	< 0.0707	UJL, D
tert-Butylbenzene	<0.0096	UJL	<0.0688	UJL, D	< 0.0069	UJL	< 0.0073	UJL	< 0.0072	UJL	0.0055	JL	< 0.0763	UJL, D	< 0.0059	UJL	< 0.0132	UJL	< 0.0707	UJL, D
Carbon disulfide	< 0.0192	UJL	<0.138	UJL, D	<0.0138	UJL	< 0.0146	UJL	< 0.0144	UJL	0.0107	JL	< 0.153	UJL, D	0.0112	JL	< 0.0264	UJL	<0.141	UJL, D
1,2-Dichlorobenzene	< 0.0096	UJL	<0.0688	UJL, D	< 0.0069	UJL	0.0123	JL	< 0.0072	UJL	< 0.0069	UJL	< 0.0763	UJL, D	< 0.0059	UJL	< 0.0132	UJL	< 0.0707	UJL, D
cis-1,2-Dichloroethene	< 0.0096	UJL	0.124	JL, D	< 0.0069	UJL	0.0034	JL	< 0.0072	UJL	0.0145	JL	0.164	JL, D	0.0054	JL	0.0064	JL	0.0685	JL, D
Ethylbenzene	< 0.0096	UJL	0.162	JL, D	< 0.0069	UJL	< 0.0073	UJL	< 0.0072	UJL	0.0281	JL	0.198	JL, D	0.0073	JL	0.0133	JL	0.0940	JL, D
Isopropylbenzene	< 0.0096	UJL	<0.0688	UJL, D	< 0.0069	UJL	< 0.0073	UJL	< 0.0072	UJL	0.0479	JL	0.108	JL, D	0.0058	JL	0.0203	JL	0.0410	JL, D
Methylene chloride	0.0136	JL, O01	<0.138	UJL, D	0.0076	JL, O01	0.0084	JL, O01	< 0.0144	UJL	0.0085	JL, O01	<0.153	UJL, D	0.0080	JL, O01	0.0104	JL, O01	<0.141	UJL, D
n-Propylbenzene	< 0.0096	UJL	0.0454	JL, D	< 0.0069	UJL	< 0.0073	UJL	< 0.0072	UJL	0.0253	JL	0.114	JL, D	< 0.0059	UJL	0.0115	JL	0.0537	JL, D
Tetrachloroethene	<0.0096	UJL	0.0426	JL, D	< 0.0069	UJL	< 0.0073	UJL	< 0.0072	UJL	< 0.0069	UJL	< 0.0763	UJL, D	< 0.0059	UJL	< 0.0132	UJL	< 0.0707	UJL, D
Toluene	<0.0096	UJL	0.155	JL, D	< 0.0069	UJL	< 0.0073	UJL	< 0.0072	UJL	0.100	JL	0.817	D	< 0.0059	UJL	< 0.0132	UJL	0.108	JL, D
Trichloroethene	< 0.0096	UJL	0.142	JL, D	< 0.0069	UJL	< 0.0073	UJL	< 0.0072	UJL	0.0075	JL	0.158	JL, D	< 0.0059	UJL	< 0.0132	UJL	0.102	JL, D
1,2,4-Trimethylbenzene	<0.0096	UJL	0.118	JL, D	< 0.0069	UJL	< 0.0073	UJL	0.0024	JL	0.0806	JL	0.301	D	0.0341	JL	0.0564	JL	0.147	JL, D
1,3,5-Trimethylbenzene	< 0.0096	UJL	<0.0688	UJL, D	< 0.0069	UJL	< 0.0073	UJL	< 0.0072	UJL	0.0208	JL	< 0.0763	UJL, D	0.0091	JL	0.0142	JL	<0.0707	UJL, D
m,p-Xylene	<0.0192	UJL	0.383	D	<0.0138	UJL	<0.0146	UJL	<0.0144	UJL	0.0908	JL	0.626	D	<0.0118	UJL	0.0311	JL	0.232	D
o-Xylene	<0.0096	UJL	0.0564	JL, D	< 0.0069	UJL	< 0.0073	UJL	< 0.0072	UJL	0.0384	JL	0.133	JL, D	0.0065	JL	0.0147	JL	<0.0707	UJL, D
Total Xylene			0.4394								0.1292		0.759		0.0065		0.0458		0.232	

## Table 1A Soil Analytical Results (VOCs) Site 8 (Pile), Destiny USA (July 24, 2013 - August 15, 2013)

								Sam	ple ID							
Site 8 Pile	S8-G7	(23) V	S8-G8	(4) V	S8-G8	(12) V	S8-G8 (1	2) V RE	S8-G8	3 (8) V	S8-G8	(15) V	S8-G8 (1	15) V RE	S8-G8	3 (17) V
VOCs by 8260C	8/2/2	2013	8/1/2	.013	8/1/2	2013	8/1/2	013	8/1/2	2013	8/1/2	013	8/1/2	2013	8/1/2	2013
Benzene	< 0.0782	UJL, D	0.0489	JL, D	< 0.0950	UJL, D	< 0.0067	UJL	0.0578	JL, D	0.0038	JL	<0.0897	UJL, D	< 0.139	UJL, D
n-Butylbenzene	0.0547	JL, D	< 0.0764	UJL, D	0.0798	JL, D	0.0105	JL	0.104	JL, D	0.0416	JL	0.227	D	0.143	JL, D
sec-Butylbenzene	< 0.0782	UJL, D	< 0.0764	UJL, D	< 0.0950	UJL, D	0.0140	JL	< 0.0904	UJL, D	0.0340	JL	0.198	JL, D	< 0.139	UJL, D
tert-Butylbenzene	< 0.0782	UJL, D	< 0.0764	UJL, D	< 0.0950	UJL, D	< 0.0067	UJL	< 0.0904	UJL, D	0.0078	JL	< 0.0897	UJL, D	< 0.139	UJL, D
cis-1,2-Dichloroethene	0.197	JL, D	< 0.0764	UJL, D	0.106	JL, D	0.0029	JL	0.0868	JL, D	0.0050	JL	0.112	JL, D	0.166	JL, D
Ethylbenzene	0.0672	JL, D	< 0.0764	UJL, D	0.122	JL, D	0.0111	JL	0.176	JL, D	0.0291	JL	0.217	D	0.139	JL, D
Isopropylbenzene	< 0.0782	UJL, D	< 0.0764	UJL, D	0.0541	JL, D	0.0168	JL	0.0714	JL, D	0.0380	JL	0.146	JL, D	0.0918	JL, D
n-Propylbenzene	< 0.0782	UJL, D	< 0.0764	UJL, D	0.0741	JL, D	0.0118	JL	0.0958	JL, D	0.0314	JL	0.196	JL, D	0.111	JL, D
Toluene	0.291	D	< 0.0764	UJL, D	0.171	JL, D	< 0.0067	UJL	0.356	D	0.0092	JL	0.223	D	0.235	D
Trichloroethene	0.279	D	< 0.0764	UJL, D	0.140	JL, D	< 0.0067	UJL	0.0976	JL, D	< 0.0061	UJL	0.130	JL, D	0.152	JL, D
1,2,4-Trimethylbenzene	0.174	JL, D	< 0.0764	UJL, D	0.182	JL, D	0.0246	JL	0.300	D	0.278	Е	1.25	D	0.366	D
1,3,5-Trimethylbenzene	< 0.0782	UJL, D	< 0.0764	UJL, D	< 0.0950	UJL, D	< 0.0067	UJL	< 0.0904	UJL, D	0.0339	JL	0.152	JL, D	< 0.139	UJL, D
Vinyl chloride	< 0.0782	UJL, D	< 0.0764	UJL, D	< 0.0950	UJL, D	< 0.0067	UJL	< 0.0904	UJL, D	< 0.0061	UJL	< 0.0897	UJL, D	0.191	JL, D
m,p-Xylene	0.256	D	<0.153	UJL, D	0.328	D	0.0145	JL	0.464	D	0.0503	JL	0.519	D	0.394	D
o-Xylene	0.0633	JL, D	< 0.0764	UJL, D	0.0674	JL, D	0.0049	JL	0.0813	JL, D	0.0114	JL	0.0933	JL, D	0.107	JL, D
Total Xylene	0.3193				0.3954		0.0194		0.5453		0.0617		0.6123		0.501	

## NOTES:

- 1. Samples were collected by Spectra and submitted to Spectrum Analytical for analysis of total VOCs.
- 2. Only constituents detected are displayed.
- 3. <0.457 U: Analyte was not detected. The number following the 'less than' (<) is the associated reporting
- 4. All units in mg/kg or ppm

### Data Qualifiers

- 5. J: Indicates an estimated value less than the reporting limit.
- 6. D: Compound quantified using secondary dilution.
- 7. E: Detection exceeded calibration range.
- 8. GS1: Samlpe dilution required for high concentration for analyte to be within instrument calibration range.
- 9. R01: Reporting limit raised to account for matrix interference.
- 10. R03: Reporting limit raised to account for interference from coeluting organic compounds.
- 11. B: Analyte found in associated blank as well as in sample.
- 12. O01: Compund is common laboratory contaminant.
- 13. JL: Estimated concentration is potentially biased low.

Table 2A
Soil Analytical Results (SVOCs)
Site 8 (Pile), Destiny USA
(July 24, 2013 - August 15, 2013)

									S	ample	ID									
Site 8 Pile	S8-G1	(0-5)	S8-G1 (5	-10)	S8-G1 (1	0-15)	S8-G2 (	0-5)	S8-G2 (	5-10)	S8-G2 (1	0-15)	S8-G2 (1	5-20)	S8-G3	(0-5)	S8-G3 (	5-10)	S8-G3 (1	10-15)
SVOCs by 8270	8/5/2	013	8/5/20	13	8/5/20	13	8/2/20	13	8/2/20	13	8/2/20	13	8/2/20	)13	8/1/20	13	8/1/20	)13	8/1/20	013
Naphthalene	0.460	J, D	0.786	J, D	<1.00	U, D	0.348	J, D	<3.83	U, D	<4.02	U, D	<2.05	U, D	<2.08	U, D	<1.19	U, D	<1.01	U, D
2-Methylnaphthalene	< 0.965	U, D	0.310	J, D	<1.00	U, D	<0.979	U, D	<3.83	U, D	<4.02	U, D	<2.05	U, D	<2.08	U, D	<1.19	U, D	<1.01	U, D
Acenaphthene	0.349	J, D	0.826	J, D	<1.00	U, D	<0.979	U, D	<3.83	U, D	<4.02	U, D	<2.05	U, D	<2.08	U, D	<1.19	U, D	0.354	J, D
Dibenzofuran	0.252	J, D	0.532	J, D	<1.00	U, D	<0.979	U, D	<3.83	U, D	<4.02	U, D	<2.05	U, D	<2.08	U, D	<1.19	U, D	<1.01	U, D
Fluorene	0.380	J, D	0.808	J, D	<1.00	U, D	0.362	J, D	<3.83	U, D	<4.02	U, D	<2.05	U, D	<2.08	U, D	0.363	J, D	0.440	J, D
Phenanthrene	2.70	D	6.85	D	0.722	J, D	3.22	D	4.65	D	<4.02	U, D	2.65	D	1.08	J, D	1.91	D	2.33	D
Anthracene	0.746	J, D	1.70	D	<1.00	U, D	1.02	D	1.25	J, D	<4.02	U, D	0.620	J, D	<2.08	U, D	0.439	J, D	0.632	J, D
Fluoranthene	3.55	D	9.79	D	1.44	D	6.31	D	4.63	D	1.42	J, D	4.12	D	1.88	J, D	2.66	D	3.52	D
Pyrene	2.46	D	7.14	D	1.22	D	4.28	D	3.67	J, D	1.33	J, D	3.71	D	1.50	J, D	2.05	D	2.65	D
Benzo (a) anthracene	1.60	D	3.59	D	0.808	J, D	2.86	D	2.12	J, D	<4.02	U, D	2.07	D	0.933	J, D	1.09	J, D	1.53	D
Chrysene	1.49	D	3.38	D	0.782	J, D	2.56	D	1.93	J, D	<4.02	U, D	1.96	J, D	0.933	J, D	1.11	J, D	1.42	D
Bis(2-ethylhexyl)phthalate	< 0.965	U, D	< 0.995	U, D	<1.00	U, D	<0.979	U, D	<3.83	U, D	<4.02	U, D	<2.05	U, D	<2.08	U, D	0.806	J, D	0.269	J, D
Benzo (b) fluoranthene	1.38	D	3.83	D	0.898	J, D	2.53	D	1.82	J, D	<4.02	U, D	1.72	J, D	0.817	J, D	0.996	J, D	1.27	D
Benzo (k) fluoranthene	1.53	D	2.39	D	0.690	J, D	2.29	D	1.47	J, D	<4.02	U, D	1.64	J, D	0.784	J, D	0.837	J, D	1.17	D
Benzo (a) pyrene	1.62	D	3.33	D	0.858	J, D	2.62	D	1.85	J, D	<4.02	U, D	1.87	J, D	0.900	J, D	0.973	J, D	1.36	D
Indeno (1,2,3-cd) pyrene	1.12	D	1.59	D	0.501	J, D	1.29	D	<3.83	U, D	<4.02	U, D	1.10	J, D	<2.08	U, D	0.482	J, D	0.612	J, D
Dibenzo (a,h) anthracene	0.260	J, D	0.381	J, D	<1.00	U, D	0.344	J, D	<3.83	U, D	<4.02	U, D	<2.05	U, D	<2.08	U, D	<1.19	U, D	<1.01	U, D
Benzo (g,h,i) perylene	1.01	D	1.26	D	0.409	J, D	1.06	D	<3.83	U, D	<4.02	U, D	0.927	J, D	<2.08	U, D	0.384	J, D	0.465	J, D

									S	ample l	D									
Site 8 Pile	S8-G3 (	15-20)	S8-G4 (	(0-5)	S8-G4 (	5-10)	S8-G4 (1	0-15)	S8-G4 (1	5-19)	S8-G5	(0-5)	S8-G5 (	5-10)	S8-G5 (1	0-15)	S8-G6	(0-5)	S8-G6 (	5-10)
SVOCs by 8270	8/1/2	013	8/1/20	13	8/1/20	)13	8/1/20	13	8/1/20	)13	7/31/2	013	7/31/20	13	8/5/20	13	8/5/20	13	8/5/20	)13
Naphthalene	<1.08	U, D	0.561	J, D	0.537	J, D	0.450	J, D	0.345	J, D	<4.77	U, D	0.0818	J	<1.08	U, D	0.435	J, D	<0.418	U, D
Acenaphthylene	<1.08	U, D	<1.01	U, D	<1.01	U, D	<0.959	U, D	<1.04	U, D	<4.77	U, D	<0.185	U	0.368	J, D	< 0.940	U, D	<0.418	U, D
Acenaphthene	0.301	J, D	0.336	J, D	0.351	J, D	0.262	J, D	<1.04	U, D	2.18	J, D	0.0600	J	<1.08	U, D	0.274	J, D	0.114	J, D
Dibenzofuran	<1.08	U, D	0.263	J, D	0.321	J, D	<0.959	U, D	<1.04	U, D	1.63	J, D	0.0529	J	<1.08	U, D	0.268	J, D	<0.418	U, D
Fluorene	0.421	J, D	0.477	J, D	0.533	J, D	0.375	J, D	0.318	J, D	4.90	D	0.0751	ک	<1.08	U, D	0.369	J, D	<0.418	U, D
Phenanthrene	2.75	D	2.93	D	3.17	D	1.95	D	1.69	D	26.6	D	0.569		0.738	J, D	3.23	D	0.603	D
Anthracene	0.795	J, D	0.847	J, D	0.882	J, D	0.490	J, D	0.445	J, D	6.82	D	0.162	۲	<1.08	U, D	0.814	J, D	0.175	J, D
Fluoranthene	3.79	D	4.50	D	4.11	D	2.53	D	2.34	D	15.9	D	0.962		1.15	D	5.28	D	1.57	D
Pyrene	2.52	D	3.24	D	2.88	D	1.80	D	1.71	D	14.7	D	0.716		0.929	J, D	3.58	D	1.10	D
Benzo (a) anthracene	1.54	D	1.85	D	1.76	D	0.999	D	1.07	D	6.48	D	0.458		0.686	J, D	2.39	D	0.641	D
Chrysene	1.42	D	1.77	D	1.54	D	1.20	D	0.991	J, D	6.38	D	0.413		0.647	J, D	2.28	D	0.610	D
Bis(2-ethylhexyl)phthalate	0.318	J, D	0.332	J, D	<1.01	U, D	0.333	J, D	<1.04	U, D	<4.77	U, D	0.0751	۲	<1.08	U, D	<0.940	U, D	0.333	J, D
Benzo (b) fluoranthene	1.17	D	1.56	D	1.35	D	0.854	J, D	0.958	J, D	3.00	J, D	0.371		0.483	J, D	2.45	D	0.464	D
Benzo (k) fluoranthene	1.06	J, D	1.26	D	1.20	D	0.907	J, D	0.814	J, D	3.62	J, D	0.338		0.652	J, D	1.51	D	0.513	D
Benzo (a) pyrene	1.30	D	1.66	D	1.50	D	1.01	D	1.03	J, D	4.96	D	0.414		0.747	J, D	2.24	D	0.540	D
Indeno (1,2,3-cd) pyrene	0.613	J, D	0.877	J, D	0.775	J, D	0.509	J, D	0.675	J, D	2.19	J, D	0.225		0.563	J, D	1.54	D	0.313	J, D
Dibenzo (a,h) anthracene	<1.08	U, D	<1.01	U, D	<1.01	U, D	<0.959	U, D	<1.04	U, D	<4.77	U, D	0.0577	J	<1.08	U, D	0.360	J, D	<0.418	U, D
Benzo (g,h,i) perylene	0.475	J, D	0.736	J, D	0.676	J, D	0.456	J, D	0.582	J, D	1.87	J, D	0.190		0.541	J, D	1.22	D	0.251	J, D

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Table 2A
Soil Analytical Results (SVOCs)
Site 8 (Pile), Destiny USA
(July 24, 2013 - August 15, 2013)

					Sample	ID				
Site 8 Pile	S8-G6 (10-15)	S8-G7 (0-5)	S8-G7 (0-5)	S8-G7 (5-10)	S8-G7 (10-15)	S8-G7 (18-22)	S8-G7 (22-26)	S8-G8 (0-4)	S8-G8 (8-12)	S8-G8 (4-8)
SVOCs by 8270	8/5/2013	8/2/2013	8/2/2013	8/2/2013	8/2/2013	8/2/2013	8/2/2013	8/1/2013	8/1/2013	8/1/2013
N-Nitrosodimethylamine	<0.416 U, D	<0.386 U, D	<0.386 U, D	<1.05 U, D	<1.03 U, D	<1.09 U, D	<1.06 U, D	<1.99 U, D	<0.968 U, D	<0.958 U, D
Aniline	<0.823 U, D	<0.763 U, D	<0.763 U, D	<2.07 U, D	<2.04 U, D	<2.16 U, D	<2.09 U, D	<3.92 U, D	<1.91 U, D	<1.89 U, D
Bis(2-chloroethyl)ether	<0.416 U, D	<0.386 U, D	<0.386 U, D	<1.05 U, D	<1.03 U, D	<1.09 U, D	<1.06 U, D	<1.99 U, D	<0.968 U, D	<0.958 U, D
1,3-Dichlorobenzene	<0.823 U, D	<0.763 U, D	<0.763 U, D	<2.07 U, D	<2.04 U, D	<2.16 U, D	<2.09 U, D	<3.92 U, D	<1.91 U, D	<1.89 U, D
1,4-Dichlorobenzene	<0.823 U, D	<0.763 U, D	<0.763 U, D	0.663 J, D	<2.04 U, D	<2.16 U, D	<2.09 U, D	<3.92 U, D	<1.91 U, D	<1.89 U, D
Carbazole	<0.416 U, D	<0.386 U, D	<0.386 U, D	0.872 J, D	1.14 D	<1.09 U, D	<1.06 U, D	<1.99 U, D	<0.968 U, D	<0.958 U, D
Naphthalene	<0.416 U, D	0.242 J, D	0.242 J, D	0.651 J, D	1.09 D	0.343 J, D	<1.06 U, D	<1.99 U, D	0.348 J, D	0.371 J, D
2-Methylnaphthalene	<0.416 U, D	<0.386 U, D	<0.386 U, D	<1.05 U, D	1.25 D	<1.09 U, D	<1.06 U, D	<1.99 U, D	<0.968 U, D	<0.958 U, D
Acenaphthylene	<0.416 U, D	<0.386 U, D	<0.386 U, D	<1.05 U, D	0.290 J, D	<1.09 U, D	<1.06 U, D	<1.99 U, D	<0.968 U, D	<0.958 U, D
Acenaphthene	0.131 J, D	0.156 J, D	0.156 J, D	0.528 J, D	1.57 D	0.330 J, D	<1.06 U, D	<1.99 U, D	<0.968 U, D	0.256 J, D
Dibenzofuran	<0.416 U, D	0.140 J, D	0.140 J, D	0.574 J, D	1.39 D	0.306 J, D	<1.06 U, D	<1.99 U, D	<0.968 U, D	<0.958 U, D
Fluorene	0.181 J, D	0.202 J, D	0.202 J, D	0.910 J, D	2.34 D	0.675 J, D	<1.06 U, D	<1.99 U, D	0.269 J, D	0.407 J, D
1-Methylnaphthalene	<0.416 U, D	<0.386 U, D	<0.386 U, D	<1.05 U, D	0.805 J, D	<1.09 U, D	<1.06 U, D	<1.99 U, D	<0.968 U, D	<0.958 U, D
Phenanthrene	1.91 D	1.63 D	1.63 D	4.74 D	8.99 D	6.33 D	1.19 D	0.991 J, D	1.50 D	2.90 D
Anthracene	0.653 D	0.499 D	0.499 D	1.37 D	1.73 D	1.35 D	0.323 J, D	<1.99 U, D	0.385 J, D	0.721 J, D
Fluoranthene	4.24 D	2.54 D	2.54 D	5.79 D	9.11 D	6.40 D	1.61 D	1.79 J, D	1.99 D	4.63 D
Pyrene	2.77 D	1.98 D	1.98 D	4.39 D	6.04 D	4.83 D	1.22 D	1.19 J, D	1.46 D	3.15 D
Benzo (a) anthracene	1.85 D	1.16 D	1.16 D	2.50 D	3.20 D	2.51 D	0.750 J, D	0.888 J, D	0.885 J, D	1.79 D
Chrysene	1.75 D	1.09 D	1.09 D	2.28 D	3.11 D	2.29 D	0.670 J, D	0.864 J, D	0.843 J, D	1.78 D
Bis(2-ethylhexyl)phthalate	<0.416 U, D	<0.386 U, D	<0.386 U, D	0.403 J, D	0.387 J, D	<1.09 U, D	<1.06 U, D	<1.99 U, D	0.383 J, D	0.352 J, D
Benzo (b) fluoranthene	1.71 D	1.03 D	1.03 D	2.08 D	2.48 D	1.69 D	0.581 J, D	0.745 J, D	0.694 J, D	1.68 D
Benzo (k) fluoranthene	1.05 D	1.01 D	1.01 D	1.64 D	2.07 D	1.43 D	0.482 J, D	0.765 J, D	0.736 J, D	1.30 D
Benzo (a) pyrene	1.56 D	1.10 D	1.10 D	2.11 D	2.66 D	1.78 D	0.647 J, D	0.690 J, D	0.816 J, D	1.60 D
Indeno (1,2,3-cd) pyrene	0.807 D	0.587 D	0.587 D	1.02 J, D	1.30 D	0.944 J, D	0.382 J, D	0.606 J, D	0.408 J, D	0.824 J, D
Dibenzo (a,h) anthracene	0.204 J, D	0.149 J, D	0.149 J, D	<1.05 U, D	0.327 J, D	<1.09 U, D	<1.06 U, D	<1.99 U, D	<0.968 U, D	<0.958 U, D
Benzo (g,h,i) perylene	0.621 D	0.507 D	0.507 D	0.908 J, D	1.06 D	0.811 J, D	0.336 J, D	<1.99 U, D	0.344 J, D	0.656 J, D

		Sampl	e ID	
Site 8 Pile	S8-G8 (	12-16)	S8-G8 (1	6-20)
SVOCs by 8270	8/1/2	013	8/1/20 <sup>-</sup>	13
Naphthalene	1.08	D	0.282	
2-Methylnaphthalene	0.612	J, D	0.114	J
Acenaphthene	0.451	J, D	0.165	J
Dibenzofuran	0.504	J, D	0.130	J
Fluorene	1.08	D	0.214	
1-Methylnaphthalene	0.417	J, D	0.0828	J
Phenanthrene	5.29	D	1.12	
Anthracene	1.36	D	0.263	
Fluoranthene	5.86	D	1.58	
Pyrene	3.98	D	1.04	
Benzo (a) anthracene	2.27	D	0.622	
Chrysene	2.06	D	0.569	
Bis(2-ethylhexyl)phthalate	<1.06	U, D	0.347	
Benzo (b) fluoranthene	1.59	D	0.561	
Benzo (k) fluoranthene	1.58	D	0.414	
Benzo (a) pyrene	1.91	D	0.556	
Indeno (1,2,3-cd) pyrene	0.968	J, D	0.292	
Dibenzo (a,h) anthracene	<1.06	U, D	0.0759	J
Benzo (g,h,i) perylene	0.754	J, D	0.234	

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# Table 2A Soil Analytical Results (SVOCs) Site 8 (Pile), Destiny USA (July 24, 2013 - August 15, 2013)

## **NOTES:**

- 1. Samples were collected by Spectra and submitted to Spectrum Analytical for analysis of total SVOCs.
- 2. Only constituents detected are displayed.
- 3. <0.457 U: Analyte was not detected. The number following the 'less than' (<) is the associated reporting limit.
- 4. All units in mg/kg or ppm

## **Data Qualifiers**

- 5. J: Indicates an estimated value less than the reporting limit.
- 6. D: Compound quantified using secondary dilution.

## Table 3A Soil Analytical Results (Metals, PCBs) Site 8 (Pile Soils), Destiny USA (July 24, 2013 - August 15, 2013)

Site 8 Pile										Sample	e ID									
Site 8 Pile	S8-G	1 (0-5)	S8-G1	l (5-10)	S8-G1	(10-15)	S8-G2	(0-5)	S8-G2	(5-10)	S8-G2	(10-15)	S8-G2	(15-20)	S8-G3	(0-5)	S8-G3	(5-10)	S8-G3	(10-15)
Metals by 6010C and		` '				` '								` '						
7471B	8/5/2	2013	8/5/	2013	8/5/2	2013	8/2/2	013	8/2/2	2013	8/2/2	2013	8/2/	2013	8/1/2	2013	8/1/2	2013	8/1/2	2013
Manganese	459		272		286		350		267		327		371		324		366		518	
Potassium	1410		1430		1410		1300		1560		1150		1070		1390		1430		1360	
Sodium	501		629		588		464		399		533		693		585		1090		1040	
Aluminum	7090		7570		6680		7180		5990		6000		5920		6420		7340		7090	
Antimony	<5.26	U	<5.70	U	<5.63	U	<5.86	U	<5.69	U	<5.58	U	<6.09	U	<6.17	U	<7.08	U	<5.93	U
Arsenic	8.41		5.01		8.82		7.42		4.90		5.67		8.09		7.00		8.33		6.65	
Beryllium	0.332	J	0.347	J	0.332	J	0.533	J	0.451	J	0.476	J	0.503	J	0.411	J	0.491	J	0.652	
Cadmium	1.74		0.667		3.52		1.21		0.674		1.18		2.59		1.92		1.66		3.60	
Calcium	150000	GS1, D	176000	GS1, D	144000	GS1, D	131000	GS1, D	190000	GS1, D	174000	GS1, D	134000	GS1, D	112000	GS1, D	154000	GS1, D	119000	GS1, D
Chromium	32.2		23.8		23.3		32.8		22.3		26.0		43.1		39.1		38.0		34.4	
Cobalt	5.52		5.33		5.56		5.80		3.95		4.05		6.05		6.10		6.32		6.16	
Copper	193		86.3		126		183		114		170		1630		266		253		210	
Iron	25200		16400		20500		19200		14100		14600		19700		22000		21000		19600	
Lead	170		81.9		165		136		75.5		128		851		345		426		149	
Magnesium	20000	GS1, D	24100	GS1, D	21100	GS1, D	16100	GS1, D	32600	GS1, D	22300	GS1, D	14900	GS1, D	10400	GS1, D	14700	GS1, D	13600	GS1, D
Nickel	34.2		21.1		21.6		32.0		16.8		21.7		31.4		34.9		41.1		28.1	
Selenium	1.21	J	0.501	J	1.00	J	0.990	J	0.694	J	0.748	J	1.24	J	1.47	J	1.69	J	1.69	J
Silver	0.610	J	<1.71	U	0.783	J	<1.76	U	<1.71	U	<1.68	U	<1.83	U	11.0		<2.12	U	<1.78	U
Thallium	<3.16	U	<3.42	U	<3.38	U	<3.52	U	<3.41	U	<3.35	U	<3.66	U	<3.70	U	<4.25	U	<3.56	U
Vanadium	20.1		18.5		23.7		15.9		19.5		24.5		14.6		13.7		16.6		13.6	
Zinc	311		176		552		264		150		546		438		916	GS1, D	528		391	
Barium	195		117		123		159		109		158		278		231		345		216	
Mercury*	0.966		0.756		0.465	j	1.23	GS1, D	0.882		1.93	GS1, D	1.82	GS1, D	2.12	GS1, D	1.53	GS1, D	1.07	GS1, D
PCBs by 8082A																			,	
Total PCBs	0.677		0.558		0.048		0.607		0.624		0.961	_	0.277	_	2.065		0.974		0.732	

Site 8 Pile										Sample										
One or no	S8-G3	(15-20)	S8-G	4 (0-5)	S8-G4	(5-10)	S8-G4 (	10-15)	S8-G4	(15-19)	S8-G	5 (0-5)	S8-G5	(5-10)	S8-G5	(10-15)	S8-G	6 (0-5)	S8-G6	6 (5-10)
Metals by 6010C and																				
7471B		2013		2013		2013	8/1/2	013		2013	7/31/	2013		2013	8/5/2	2013		2013		2013
Manganese	327		367		311		329		292		271		208		306		361		452	
Potassium	1310		1170		1160		996		2500		1100		1180		1280		1010		1090	
Sodium	847		672		965		989		974		351		251		208		394		417	
Aluminum	6440		6110		6220		5780		9610		5920		4770		5810		7360		7270	
Antimony	<6.01	U	<5.84	U	<5.34	U	<4.98	U	<6.25	U	<5.12	U	<5.63	U	<6.19	U	<5.28	U	<6.36	U
Arsenic	6.89		7.56		5.45		6.61		5.59		4.04		5.71		5.96		6.87		8.36	
Beryllium	0.415	J	0.429	J	0.406	J	0.382	J	0.511	J	0.296	J	0.308	J	0.272	J	0.354	J	0.451	J
Cadmium	2.50		1.66		1.15		1.17		1.25		0.471	J	0.764		0.489	J	2.87		1.62	
Calcium	128000	GS1, D	151000	GS1, D	124000	GS1, D	118000	GS1, D	173000	GS1, D	217000	GS1, D	210000	GS1, D	119000	GS1, D	118000	GS1, D	133000	GS1, D
Chromium	42.4		42.7		24.2		36.1		30.1		16.5		21.6		23.0		35.5		26.5	
Cobalt	5.74		6.29		5.26		5.52		4.93		2.89		3.03		5.43		6.36		6.44	
Copper	300		248		146		681		124		95.0		148		46.2		290		516	
Iron	20600		21000		16000		21400		16800		10900	R01, B	13000	R01, B	11600		23200		25400	
Lead	195		166		123		124		112		66.0		75.9		77.1		242		1260	
Magnesium	11900	GS1, D	16700	GS1, D	12000	GS1, D	11500	GS1, D	16200	GS1, D	17000	GS1, D	31000	GS1, D	22300	GS1, D	12600	GS1, D	12800	GS1, D
Nickel	34.5		33.9		21.6		33.0		23.0		14.5		17.3		15.2		37.0		30.9	
Selenium	1.23	J	1.20	J	1.27	J	1.15	J	1.19	J	0.455	J	0.659	J	0.644	J	1.22	J	0.966	J
Silver	<1.80	U	<1.75	U	<1.60	U	<1.49	U	<1.87	U	<1.54	U	<1.69	U	0.644	J	0.681	J	0.667	J
Thallium	<3.61	U	<3.51	U	<3.20	U	<2.99	U	<3.75	U	<3.07	U	<3.38	U	<3.72	U	<3.17	U	<3.81	U
Vanadium	14.3		13.7		12.8		12.1		18.5		11.3		12.3		25.1		19.9		19.9	
Zinc	702	GS1, D	794	GS1, D	323		954	GS1, D	201		145		332		350		704	GS1, D	274	
Barium	250		170		150		147		145		105		110		105		271		192	
Mercury*	1.55	GS1, D	1.31	GS1, D	0.950		1.06		1.60	GS1, D	0.359		0.404		1.04		1.52	GS1, D	1.86	GS1, D
PCBs by 8082A																				_
Total PCBs	0.758	•	1.49		1.273		0.877	•	0.864	•	0.376				·		2.606	•	0.623	

1 of 2

3/6/2014

## Table 3A Soil Analytical Results (Metals, PCBs) Site 8 (Pile Soils), Destiny USA (July 24, 2013 - August 15, 2013)

Site 8 Pile										Sample	e ID									
Site o Pile	S8-G6	(10-15)	S8-G	7 (0-5)	S8-G7	(5-10)	S8-G7 (	10-15)	S8-G7	(18-22)	S8-G7	(22-26)	S8-G8	3 (0-4)	S8-G8	(4-8)	S8-G8	(8-12)	S8-G8	(12-16)
Metals by 6010C and																				
7471B	8/5/2	2013	8/2/	2013	8/2/2	2013	8/2/2	013	8/2/2	2013	8/2/	2013	8/1/2	2013	8/1/2	2013	8/1/2	2013	8/1/2	2013
Manganese	363		421		405		255		314		322		242		292		332		332	
Potassium	1260		1430		1150		930		1230		1250		1310		1080		1270		1080	
Sodium	557		301		354		611		776		664		367		718		654		1140	
Aluminum	7380		7710		7530		5680		7280		6660		6450		6330		5890		6080	
Antimony	<5.31	U	<5.44	U	<6.26	U	<6.01	U	<5.72	U	<5.66	U	<5.55	U	<5.74	U	<5.62	U	<5.58	U
Arsenic	6.63		7.12		9.12		5.34		6.85		6.01		5.32		5.14		5.39		6.24	
Beryllium	0.393	J	0.424	J	0.472	J	0.303	J	0.453	J	0.431	J	0.383	J	0.435	J	0.397	J	0.462	J
Cadmium	2.46		0.552		3.18		0.942		3.75		0.581		< 0.555	U	0.970		0.637		1.04	
Calcium	135000	GS1, D	105000	GS1, D	108000	GS1, D	216000	GS1, D	144000	GS1, D	118000	GS1, D	171000	GS1, D	142000	GS1, D	188000	GS1, D	113000	GS1, D
Chromium	39.0		39.0		49.2		33.7		36.8		29.1		15.9		27.0		31.7		32.0	
Cobalt	5.70		6.45		6.76		4.32		5.95		5.36		4.03		4.50		4.75		5.17	
Copper	195		144		214		160		146		153		39.8		154		169		171	
Iron	20800		37200	GS1, D	27800		14000		17200		41000	GS1, D	11000		15000		15300		19100	
Lead	152		102		233		165		340		73.7		40.9		138		113		128	
Magnesium	14800	GS1, D	18700	GS1, D	12400	GS1, D	13300	GS1, D	19200	GS1, D	27400	GS1, D	23100	GS1, D	24200	GS1, D	22100	GS1, D	13700	GS1, D
Nickel	28.6		48.3		41.6		20.5		29.8		20.3		14.9		20.8		65.9		29.6	
Selenium	0.850	J	1.13	J	1.60	J	0.667	J	1.01	J	1.14	J	0.661	J	0.804	J	0.803	J	1.07	J
Silver	0.675	J	<1.63	U	<1.88	U	<1.80	U	<1.72	U	<1.70	U	<1.67	U	<1.72	U	<1.69	U	<1.67	U
Thallium	<3.19	U	<3.27	U	<3.76	U	<3.60	U	<3.43	U	<3.40	U	<3.33	U	<3.45	U	<3.37	U	<3.35	U
Vanadium	17.5		17.1		17.0		11.1		19.3		11.6		16.7		13.6		11.9		15.0	
Zinc	819	GS1, D	163		555		253		1810	GS1, D	212		86.3		251		196		266	
Barium	186		127		290		634		178		103		62.2		215		132		200	
Mercury*	0.873		0.497		1.58	GS1, D	1.23	GS1, D	1.11		1.48	GS1, D	0.393		0.865		0.805		1.13	
PCBs by 8082A																				
Total PCBs	0.3404		0.246		0.491		0.541		0.317		0.24		0.153	•	1.262	•	0.556		0.986	

Site 8 Pile	Sample ID
	S8-G8 (16-20)
Metals by 6010C and	0///00/0
7471B	8/1/2013
Manganese	293
Potassium	1200
Sodium	969
Aluminum	6380
Antimony	<5.35 U
Arsenic	4.82
Beryllium	0.478 J
Cadmium	0.659
Calcium	130000 GS1, D
Chromium	22.1
Cobalt	4.56
Copper	104
Iron	14000
Lead	104
Magnesium	13900 GS1, D
Nickel	19.0
Selenium	0.926 J
Silver	<1.61 U
Thallium	<3.21 U
Vanadium	13.2
Zinc	188
Barium	131
Mercury*	0.617
PCBs by 8082A	
Total PCBs	0.36

## NOTES:

- 1. Samples were collected by Spectra and submitted to Spectrum Analytical for analysis of total metals.
- 2. <0.457 U: Analyte was not detected. The number following the 'less than' (<) is the associated reporting limit.
- 3. All units in mg/kg or ppm.
- \* Mercury analyzed by method 7471B

## Data Qualifiers

- 4. J: Indicates an estimated value less than the reporting limit.
- 5. D: Compound quantified using secondary dilution.
- 6. E: Detection exceeded calibration range.
- 7. GS1: Samlpe dilution required for high concentration for analyte to be within instrument calibration range.
- 8. R01: Reporting limit raised to account for matrix interference.
- 9. B: Analyte found in associated blank as well as in sample.

## Table 1B Soil Analytical Results (VOCs) Site 9 (Pile), Destiny USA (July 24, 2013 - August 15, 2013)

Site 9 Pile										Sar	nple ID									
Site 9 Pile	S9-S1(8	3)1	S9-S	1(6)2	S9-S2	2(8)1	S9-S	2(8)2	S9-S	3(8)1	S9-S	3(5)2	S9-S4	4(7)2	S9-S	5(6)1	S9-S	5(7)2	S9-S	ô(5)1
VOCs by 8260	7/25/20	13	7/25/	2013	7/24/2	2013	7/24/	2013	7/24	/2013	7/24/	2013	7/24/	2013	7/24/2013		7/24/	2013	7/24/	2013
Acetone	0.207		0.146	JL	0.192	JL	0.118	JL	0.409	VOC11, E	< 0.769	UJL, D	0.150	JL	0.122	JL	< 0.0914	UJL	< 0.623	UJL, D
Benzene	< 0.0073	UJL	< 0.0074	UJL	<0.0088	UJL	< 0.0079	UJL	< 0.0077	UJL	< 0.0769	UJL, D	<0.0082	UJL	< 0.0073	UJL	<0.0091	UJL	0.217	D
2-Butanone (MEK)	< 0.0726	UJL	< 0.0736	UJL	<0.0878	UJL	< 0.0793	UJL	0.101	JL	< 0.769	UJL, D	<0.0821	UJL	< 0.0726	UJL	< 0.0914	UJL	< 0.623	UJL, D
n-Butylbenzene	< 0.0073	UJL	< 0.0074	UJL	<0.0088	UJL	< 0.0079	UJL	0.0315	JL	0.105	JL, D	< 0.0082	UJL	< 0.0073	UJL	<0.0091	UJL	< 0.0623	UJL, D
sec-Butylbenzene	0.0072	UJL	< 0.0074	UJL	<0.0088	UJL	< 0.0079	UJL	0.0201	JL	< 0.0769	UJL, D	<0.0082	UJL	0.0133	JL	< 0.0091	UJL	< 0.0623	UJL, D
tert-Butylbenzene	< 0.0073	UJL	< 0.0074	UJL	<0.0088	UJL	< 0.0079	UJL	0.0063	JL	< 0.0769	UJL, D	< 0.0082	UJL	< 0.0073	UJL	<0.0091	UJL	< 0.0623	UJL, D
Ethylbenzene	< 0.0073	UJL	< 0.0074	UJL	<0.0088	UJL	< 0.0079	UJL	<0.0077	UJL	< 0.0769	UJL, D	< 0.0082	UJL	< 0.0073	UJL	<0.0091	UJL	0.0896	JL, D
Isopropylbenzene	< 0.0073	UJL	< 0.0074	UJL	<0.0088	UJL	< 0.0079	UJL	< 0.0077	UJL	< 0.0769	UJL, D	<0.0082	UJL	0.0052	JL	< 0.0091	UJL	< 0.0623	UJL, D
Methylene chloride	0.0045 OC	)1, UJL	0.0039	001, UJL	0.0135	JL, O01	0.0118	JL, O01	0.0142	JL, O01	<0.154	UJL, D	0.0153	JL, O01	0.0077	JL, O01	0.0238	JL, O01	<0.125	UJL, D
n-Propylbenzene	< 0.0073	UJL	< 0.0074	UJL	<0.0088	UJL	< 0.0079	UJL	< 0.0077	UJL	0.0531	JL, D	< 0.0082	UJL	< 0.0073	UJL	< 0.0091	UJL	0.0529	JL, D
Tetrachloroethene	< 0.0073	UJL	< 0.0074	UJL	<0.0088	UJL	< 0.0079	UJL	<0.0077	UJL	0.0746	JL, D	<0.0082	UJL	< 0.0073	UJL	<0.0091	UJL	< 0.0623	UJL, D
Toluene	< 0.0073	UJL	<0.0074	UJL	<0.0088	UJL	< 0.0079	UJL	<0.0077	UJL	< 0.0769	UJL, D	<0.0082	UJL	< 0.0073	UJL	<0.0091	UJL	0.308	D
1,2,4-Trimethylbenzene	< 0.0073	UJL	<0.0074	UJL	<0.0088	UJL	< 0.0079	UJL	0.0026	JL	0.118	JL, D	< 0.0082	UJL	< 0.0073	UJL	0.0262	JL	0.129	JL, D
1,3,5-Trimethylbenzene	< 0.0073	UJL	< 0.0074	UJL	<0.0088	UJL	< 0.0079	UJL	<0.0077	UJL	< 0.0769	UJL, D	< 0.0082	UJL	< 0.0073	UJL	0.0100	JL	< 0.0623	UJL, D
m,p-Xylene	< 0.0145	UJL	<0.0147	UJL	< 0.0176	UJL	< 0.0159	UJL	<0.0155	UJL	<0.154	UJL, D	< 0.0164	UJL	< 0.0145	UJL	0.0263	JL	0.272	D
o-Xylene	< 0.0073	UJL	<0.0074	UJL	<0.0088	UJL	<0.0079	UJL	<0.0077	UJL	<0.0769	UJL, D	<0.0082	UJL	<0.0073	UJL	0.0179	JL	0.0573	JL, D
Total Xylene																	0.0442	•	0.3293	

Site 9 Pile										Sa	mple ID									
Site 9 File	S9-S	66(6)2	S9-S	37(3)1	S9-S7	(5)2	S9-S8	3(7)1	S9-S8	(6)2	S9-S9	(8)1	S9-S9	(9)2	S9-S10	0(9)1	S9-S10	0(9)2	S9-S11	1(7)1
VOCs by 8260	7/24	/2013	7/25	/2013	7/25/2	2013	7/25/2	2013	7/25/2	013	7/25/2	013	7/25/2	013	7/25/2	013	7/25/2	013	7/25/2	2013
Benzene	0.0920	JL, D	< 0.650	UJL, D	< 0.0054	UJL	< 0.0059	UJL	< 0.0053	UJL	< 0.0055	UJL	< 0.0067	UJL	<0.0048	UJL	< 0.0052	UJL	< 0.0054	UJL
n-Butylbenzene	0.244	D	1.51	D	< 0.0054	UJL	0.0031	UJL	< 0.0053	UJL	< 0.0055	UJL	< 0.0067	UJL	<0.0048	UJL	< 0.0052	UJL	< 0.0054	UJL
sec-Butylbenzene	0.333	D	0.949	D	< 0.0054	UJL	< 0.0059	UJL	< 0.0053	UJL	< 0.0055	UJL	< 0.0067	UJL	<0.0048	UJL	< 0.0052	UJL	< 0.0054	UJL
Ethylbenzene	0.0726	JL, D	< 0.650	UJL, D	< 0.0054	UJL	< 0.0059	UJL	< 0.0053	UJL	< 0.0055	UJL	< 0.0067	UJL	<0.0048	UJL	< 0.0052	UJL	< 0.0054	UJL
Isopropylbenzene	0.0531	JL, D	0.605	UJL, D	< 0.0054	UJL	< 0.0059	UJL	< 0.0053	UJL	< 0.0055	UJL	< 0.0067	UJL	<0.0048	UJL	< 0.0052	UJL	< 0.0054	UJL
n-Propylbenzene	0.111	JL, D	0.962	D	< 0.0054	UJL	< 0.0059	UJL	< 0.0053	UJL	< 0.0055	UJL	< 0.0067	UJL	<0.0048	UJL	< 0.0052	UJL	< 0.0054	UJL
1,2,4-Trimethylbenzene	0.151	JL, D	< 0.650	UJL, D	< 0.0054	UJL	< 0.0059	UJL	< 0.0053	UJL	< 0.0055	UJL	< 0.0067	UJL	<0.0048	UJL	< 0.0052	UJL	< 0.0054	UJL
m,p-Xylene	0.220	D	<1.30	UJL, D	< 0.0107	UJL	< 0.0119	UJL	<0.0106	UJL	< 0.0110	UJL	< 0.0134	UJL	< 0.0097	UJL	< 0.0104	UJL	< 0.0109	UJL
o-Xylene	<0.0748	UJL, D	< 0.650	UJL, D	< 0.0054	UJL	< 0.0059	UJL	< 0.0053	UJL	< 0.0055	UJL	< 0.0067	UJL	<0.0048	UJL	< 0.0052	UJL	< 0.0054	UJL
Total Xylene	0.22					-			_	-		-		-		-		-		

## NOTES:

- 1. Samples were collected by Spectra and submitted to Spectrum Analytical for analysis of total VOCs.
- 2. Only constituents detected are displayed.
- 3. Data shown in bold red exceeds NYSDEC Subpart 375-6 Remedial Program Soil Cleanup Objectives Restricted Residential Use Criteria
- 4. <0.457 U: Analyte was not detected. The number following the 'less than' (<) is the associated reporting
- 5. All units in mg/kg or ppm

## Data Qualifiers

- 6. J: Indicates an estimated value less than the reporting limit.
- 7. D: Compound quantified using secondary dilution.
- 8. E: Detection exceeded calibration range.
- 9. GS1: Samlpe dilution required for high concentration for analyte to be within instrument calibration range.
- 10. R01: Reporting limit raised to account for matrix interference.
- 11. R03: Reporting limit raised to account for interference from coeluting organic compounds.
- 12. B: Analyte found in associated blank as well as in sample.
- 13. O01: Compund is common laboratory contaminant.
- 14. JL: Estimated concentration is potentially biased low.

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Table 2B
Soil Analytical Results (SVOCs)
Site 9 (Pile), Destiny USA
(July 24, 2013 - August 15, 2013)

					Sample ID				
Site 9 Pile	S9-S1(1-5)C1	S9-S1(5-10)C2	S9-S2(5-9)C1	S9-S2(1-5)C2	S9-S3(1-5)C1	S9-S3(5-10)C2	S9-S4(1-5)C1	S9-S4(5-9)C2	SP-S5(1-5)C1
SVOCs by 8270D	7/25/2013	7/25/2013	7/24/2013	7/24/2013	7/24/2013	7/24/2013	7/24/2013	7/24/2013	7/24/2013
Naphthalene	0.243	<1.05 U, D	0.207 J, D	0.284 J, D	0.336 J, D	0.115 J	0.447 D	0.109 J	0.670 J, D
2-Methylnaphthalene	0.177 J	<1.05 U, D	0.152 J, D	0.217 J, D	0.309 J, D	0.0844 J	0.346 J, D	0.0930 J	0.549 J, D
Acenaphthylene	0.207	<1.05 U, D	0.321 J, D	0.344 J, D	1.00 D	0.128 J	0.425 D	0.0693 J	0.890 J, D
Acenaphthene	<0.196 U	<1.05 U, D	<0.426 U, D	<0.397 U, D	<0.961 U, D	<0.216 U	<0.411 U, D	<0.216 U	0.349 J, D
Dibenzofuran	0.0680 J	<1.05 U, D	<0.426 U, D	<0.397 U, D	<0.961 U, D	<0.216 U	0.124 J, D	<0.216 U	0.305 J, D
Fluorene	0.0879 J	<1.05 U, D	<0.426 U, D	0.122 J, D	<0.961 U, D	<0.216 U	0.157 J, D	<0.216 U	0.393 J, D
1-Methylnaphthalene	0.0875 J	<1.05 U, D	<0.426 U, D	0.128 J, D	<0.961 U, D	<0.216 U	0.175 J, D	<0.216 U	<1.00 U, D
Phenanthrene	0.725	0.822 J, D	0.420 J, D	1.07 D	0.568 J, D	0.186 J	1.35 D	0.531	3.26 D
Anthracene	0.210	<1.05 U, D	0.187 J, D	0.347 J, D	0.382 J, D	0.0784 J	0.452 D	0.128 J	0.968 J, D
Fluoranthene	1.82	1.74 D	1.06 D	2.25 D	1.14 D	0.405	2.59 D	1.65	6.25 D
Pyrene	1.47	1.35 D	0.962 D	1.87 D	1.01 D	0.357	2.05 D	1.25	5.08 D
Butyl benzyl phthalate	<0.387 U	<2.08 U, D	0.146 J, D	<0.785 U, D	<1.90 U, D	<0.426 U	<0.812 U, D	<0.426 U	<1.98 U, D
Benzo (a) anthracene	0.990	0.812 J, D	0.661 D	1.30 D	0.731 J, D	0.267	1.38 D	0.769	3.00 D
Chrysene	0.995	0.864 J, D	0.649 D	1.23 D	0.767 J, D	0.270	1.33 D	0.862	2.99 D
Bis(2-ethylhexyl)phthalate	0.0746 J	<1.05 U, D	<0.426 U, D	<0.397 U, D	<0.961 U, D	<0.216 U	<0.411 U, D	<0.216 U	<1.00 U, D
Benzo (b) fluoranthene	1.19	0.860 J, D	0.747 D	1.33 D	0.885 J, D	0.323	1.37 D	0.975	3.62 D
Benzo (k) fluoranthene	0.932	0.787 J, D	0.694 D	1.22 D	0.819 J, D	0.261	1.39 D	0.661	2.27 D
Benzo (a) pyrene	1.23	0.891 J, D	0.859 D	1.50 D	1.20 D	0.370	1.62 D	0.839	3.63 D
Indeno (1,2,3-cd) pyrene	0.760	0.581 J, D	0.483 D	0.946 D	0.913 J, D	0.235	1.02 D	0.471	2.35 D
Dibenzo (a,h) anthracene	0.184 J	<1.05 U, D	0.116 J, D	0.226 J, D	<0.961 U, D	0.0586 J	0.228 J, D	0.127 J	0.521 J, D
Benzo (g,h,i) perylene	0.637	0.487 J, D	0.431 D	0.844 D	0.946 J, D	0.215 J	0.861 D	0.399	2.05 D

									Sample	ID								
Site 9 Pile	S9-S5(5-	8)C2	S9-S6(1-	5)C1	S9-S6(5	-8)C2	S9-S7(5-	10)C1	S9-S7(1-	-5)C2	S9-S8(5-	10)C1	S9-S8(1-	·5)C2	S9-S9(5-	10)C1	S9-S9(1-	5)C2
SVOCs by 8270D	7/24/20	13	7/24/20	13	7/24/2	013	7/25/20	)13	7/25/20	013	7/25/2	013	7/25/20	013	7/25/2	013	7/25/20	113
Naphthalene	0.430	J, D	0.711	J, D	0.774	J, D	<0.929	U, D	0.319	J, D	0.307	J, D	<0.942	U, D	0.346	J, D	0.641	J, D
2-Methylnaphthalene	0.398	J, D	0.657	J, D	0.655	J, D	< 0.929	U, D	<1.00	U, D	<1.01	U, D	< 0.942	U, D	<1.01	U, D	0.522	J, D
Acenaphthylene	0.792	J, D	0.614	J, D	0.762	J, D	<0.929	U, D	0.351	J, D	0.293	J, D	0.305	J, D	0.334	J, D	0.926	J, D
Acenaphthene	0.664	J, D	< 0.971	U, D	0.583	J, D	<0.929	U, D	<1.00	U, D	<1.01	U, D	< 0.942	U, D	<1.01	U, D	< 0.973	U, D
Dibenzofuran	0.426	J, D	<0.971	U, D	0.427	J, D	<0.929	U, D	<1.00	U, D	<1.01	U, D	<0.942	U, D	<1.01	U, D	< 0.973	U, D
Fluorene	1.02	D	<0.971	U, D	0.583	J, D	<0.929	U, D	<1.00	U, D	<1.01	U, D	<0.942	U, D	<1.01	U, D	< 0.973	U, D
1-Methylnaphthalene	<1.02	U, D	0.293	J, D	0.305	J, D	<0.929	U, D	<1.00	U, D	<1.01	U, D	< 0.942	U, D	<1.01	U, D	< 0.973	U, D
Phenanthrene	2.51	D	1.63	D	2.24	D	0.458	J, D	1.39	D	0.621	J, D	0.449	J, D	1.63	D	2.11	D
Anthracene	1.17	D	0.533	J, D	0.953	J, D	< 0.929	U, D	0.469	J, D	<1.01	U, D	< 0.942	U, D	0.387	J, D	0.672	J, D
Fluoranthene	6.00	D	3.16	D	3.95	D	0.997	D	2.38	D	1.14	D	0.878	J, D	2.71	D	4.69	D
Pyrene	5.22	D	2.48	D	3.47	D	0.845	J, D	2.01	D	1.09	D	0.799	J, D	2.31	D	4.11	D
Benzo (a) anthracene	2.56	D	1.74	D	2.05	D	0.547	J, D	1.36	D	0.661	J, D	0.510	J, D	1.28	D	2.49	D
Chrysene	2.74	D	1.73	D	2.14	D	0.550	J, D	1.29	D	0.699	J, D	0.558	J, D	1.33	D	2.43	D
Benzo (b) fluoranthene	2.44	D	2.00	D	2.21	D	0.573	J, D	1.15	D	0.705	J, D	0.683	J, D	1.31	D	2.66	D
Benzo (k) fluoranthene	2.03	D	1.50	D	1.86	D	0.569	J, D	1.42	D	0.749	J, D	0.543	J, D	1.25	D	2.48	D
Benzo (a) pyrene	2.96	D	2.25	D	2.72	D	0.608	J, D	1.46	D	0.878	J, D	0.696	J, D	1.44	D	2.94	D
Indeno (1,2,3-cd) pyrene	1.52	D	1.82	D	1.60	D	0.398	J, D	0.803	J, D	0.607	J, D	0.487	J, D	0.873	J, D	2.01	D
Dibenzo (a,h) anthracene	0.396	J, D	0.390	J, D	0.396	J, D	<0.929	U, D	<1.00	U, D	<1.01	U, D	< 0.942	U, D	<1.01	U, D	0.441	J, D
Benzo (g,h,i) perylene	1.37	D	1.67	D	1.44	D	0.360	J, D	0.713	J, D	0.576	J, D	0.448	J, D	0.786	J, D	1.82	D

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# Table 2B Soil Analytical Results (SVOCs) Site 9 (Pile), Destiny USA (July 24, 2013 - August 15, 2013)

				Sample I	n			
Site 9 Pile	S9-S10(5-	9)C1	S9-S10(1-		S9-S11(5	-9)C1	S9-S11(1	-5)C2
	00 010(0	٥,٥.	00 0 10(1	0,02	00 011(0	0,0.	00 011(1	0,02
SVOCs by 8270D	7/25/20	13	7/25/20	13	7/25/20	)13	7/25/20	013
Naphthalene	0.425	J, D	0.682	J, D	0.505	J, D	0.848	J, D
2-Methylnaphthalene	0.312	J, D	0.571	J, D	0.403	J, D	0.498	J, D
Acenaphthylene	0.484	J, D	0.790	J, D	0.711	J, D	0.923	J, D
Acenaphthene	< 0.994	U, D	<0.982	U, D	< 0.966	U, D	0.261	J, D
Dibenzofuran	< 0.994	U, D	<0.982	U, D	< 0.966	U, D	0.490	J, D
Fluorene	< 0.994	U, D	< 0.982	U, D	< 0.966	U, D	0.654	J, D
1-Methylnaphthalene	< 0.994	U, D	<0.982	U, D	< 0.966	U, D	0.292	J, D
Phenanthrene	1.75	D	1.95	D	1.41	D	6.44	D
Anthracene	0.409	J, D	0.592	J, D	0.505	J, D	1.34	D
Fluoranthene	3.45	D	3.73	D	2.87	D	11.4	D
Pyrene	2.81	D	3.09	D	2.46	D	9.03	D
Benzo (a) anthracene	1.74	D	1.89	D	1.65	D	5.26	D
Chrysene	1.84	D	1.96	D	1.63	D	5.30	D
Bis(2-ethylhexyl)phthalate	< 0.994	U, D	0.559	J, D	< 0.966	U, D	< 0.990	U, D
Benzo (b) fluoranthene	2.15	D	2.21	D	1.90	D	5.73	D
Benzo (k) fluoranthene	1.68	D	1.79	D	1.53	D	4.41	D
Benzo (a) pyrene	2.00	D	2.44	D	2.10	D	5.33	D
Indeno (1,2,3-cd) pyrene	1.53	D	1.93	D	1.84	D	3.49	D
Dibenzo (a,h) anthracene	0.322	J, D	0.378	J, D	0.384	J, D	0.781	J, D
Benzo (g,h,i) perylene	1.30	D	1.77	D	1.69	D	2.89	D

## **NOTES:**

- 1. Samples were collected by Spectra and submitted to Spectrum Analytical for analysis of total SVOCs.
- 2. Only constituents detected are displayed.
- 3. **<0.457 U:** Analyte was not detected. The number following the 'less than' (<) is the associated reporting limit.
- 4. All units in mg/kg or ppm

## **Data Qualifiers**

- 5. J: Indicates an estimated value less than the reporting limit.
- 6. D: Compound quantified using secondary dilution.

## Table 3B Soil Analytical Results (Metals, PCBs) Site 9 (Pile Soils), Destiny USA (July 24, 2013 - August 15, 2013)

Cito O Dilo										Sampl	le ID									
Site 9 Pile	S9-S1	(1-5)C1	S9-S1(	5-10)C2	S9-S2(	5-9)C1	S9-S2	(1-5)C2	S9-S3(	1-5)C1	S9-S3(	(5-10)C2	S9-S4	(1-5)C1	S9-S4	(5-9)C2	SP-S5	(1-5)C1	S9-S5(	(5-8)C2
Metals by 6010C																				
and 7471B	7/25	/2013	7/25/	2013	7/24/	2013	7/24/	2013	7/24/	2013	7/24	/2013	7/24	/2013	7/24	/2013	7/24	2013	7/24/	2013
Iron	19900		17700		15000		18000		10900		8660		16600		11800		17100		12800	
Magnesium	11300	GS1, D	17200	GS1, D	11700	GS1, D	16400	GS1, D	15900	GS1, D	10100	GS1, D	6360	GS1, D	10200	GS1, D	10000	GS1, D	8030	GS1, D
Manganese	215		245		258		383		236		440		163		221		197		242	
Potassium	1110		1620		1430		1940		1260		895		546		892		864		723	
Sodium	125		182		132		154		126		128		111		114		109		148	
Aluminum	4680	В	6480	В	6310		7980		5320		4070		2480		3500		3790		3240	
Antimony	<5.63	U	<5.74	U	1.27	J	1.32	J	<5.45	U	<6.36	U	1.29	J	1.17	J	1.37	J	1.23	J
Arsenic	20.0		26.3		13.0		9.52		12.8		12.9		13.8		20.2		15.4		13.0	
Beryllium	0.247	J	0.327	J	0.246	J	0.416	J	0.221	J	<0.636	U	<0.530	U	<0.581	U	<0.541	U	<0.612	U
Cadmium	2.32		1.43		2.21		1.29		0.545		1.45		1.21		1.34		1.57		0.731	
Calcium	170000	GS1, D	198000	GS1, D	159000	GS1, D	105000	GS1, D	162000	GS1, D	192000	GS1, D	163000	GS1, D	178000	GS1, D	150000	GS1, D	168000	GS1, D
Chromium	9.11		11.0		11.3		16.0		12.1		9.20		5.39		6.72		8.37		6.78	
Cobalt	4.00		4.48		4.61		5.75		3.92		2.52		2.53		3.27		3.62		3.22	
Copper	305		124		221		155		67.3		43.9		94.9		124		153		87.1	
Lead	217		127		102		197		105		50.5		191		315		267		173	
Nickel	9.76		12.4		16.0		18.0		12.0		7.81		7.64		8.35		10.4		8.85	
Selenium	1.62	J	1.22	J	0.661	J	1.09	J	0.653	J	0.776	J	0.997	J	1.17	J	1.15	J	0.722	J
Silver	<1.69	U	<1.72	U	<1.84	U	0.629	J	<1.63	U	<1.91	U	<1.59	U	<1.74	U	0.557	J	<1.84	U
Thallium	<33.8	R01, U, D	<3.45	U	<3.27	U	<3.46	U	<3.31	U	<3.73	U	<3.60	U	<3.45	U	<3.41	U	<3.60	U
Vanadium	10.4		13.4		11.7		16.1		11.3		9.56		6.62		7.70		9.64		8.41	
Zinc	1500	GS1, D	812	GS1, D	1120	GS1, D	757	GS1, D	260		364		586	GS1, D	563		799	GS1, D	338	
Barium	109		85.1		88.8		112		71.8		60.8		76.4		87.7		95.1		70.1	
Mercury*	0.313		0.245		0.389		0.690	GS1, D	0.414		0.204		0.343	GS1, D	0.287		0.503		0.391	
PCBs by 8082A								•					•							
Total PCBs	0.111		0.0532		0.0809				0.1086				0.0997							

										Samp	le ID									
Site 9 Pile	S9-S6	(1-5)C1	S9-S6(	5-8)C2	S9-S7(5	5-10)C1	S9-S7	(1-5)C2	S9-S8(5			3(1-5)C2	S9-S9(	5-10)C1	S9-S9	(1-5)C2	S9-S10	)(5-9)C1	S9-S10	)(1-5)C2
Metals by 6010C		, .		, .		-,-		,.		-,-		.,				,.		( )		( -/-
and 7471B	7/24/	2013	7/24/	2013	7/25/	2013	7/25	/2013	7/25/	2013	7/2	5/2013	7/25	/2013	7/25	/2013	7/25	/2013	7/25	/2013
Iron	19600		16000		13100		21500		15700		13600		17100		42100	GS1, D	24000		23300	
Magnesium	19400	GS1, D	14400	GS1, D	14900	GS1, D	14000	GS1, D	10500	GS1, D	20300	GS1, D	12900	GS1, D	13500	GS1, D	14200	GS1, D	14700	GS1, D
Manganese	288		240		220		248		214		244		260		236		244		258	
Potassium	1530		1130		1060		1180		1000		1260		1070		1110		1080		1140	
Sodium	142		125		138		161		152		146		147		153		175		152	
Aluminum	6040		4690		4420	В	5140	В	4120	В	5510	В	4510	В	4790	В	4270	В	4890	В
Antimony	1.58	J	1.12	J	<5.63	U	<5.88	U	<5.93	C	<5.11	U	<5.65	U	<5.32	U	<6.02	U	<5.57	U
Arsenic	14.5		16.3		8.23		15.4		12.4		9.71		14.6		21.5		19.7		20.8	
Beryllium	0.277	J	<0.601	U	0.261	J	0.274	J	0.215	J	0.317	J	0.238	J	0.267	J	0.248	J	0.276	J
Cadmium	1.37		1.27		0.567		1.74		2.42		1.36		2.34		3.61		2.70		2.31	
Calcium	142000	GS1, D	184000	GS1, D	113000	GS1, D	152000	GS1, D	217000	GS1, D	149000	GS1, D, B	219000	GS1, D	175000	GS1, D	205000	GS1, D	174000	GS1, D
Chromium	11.3		8.59		9.23		11.2		8.95		11.7		9.57		15.7		10.2		11.7	
Cobalt	4.70		3.77		3.86		4.86		3.54		4.46		4.01		5.48		4.88		5.12	
Copper	156		115		79.8		316		212		119		189		318		305		242	
Lead	237		161		79.0		234		195		106		250		550		428		471	
Nickel	13.0		10.0		10.6		42.3		10.3		12.9		11.7		15.2		11.8		13.9	
Selenium	1.27	J	0.919	J	0.890	J	1.84		1.78		1.17	J	1.43	J	2.32		2.17		2.14	
Silver	0.505	J	<1.80	U	<1.69	U	<1.76	U	<1.78	C	<1.53	U	<1.69	U	<1.60	U	<1.81	U	<1.67	U
Thallium	<3.21	U	<3.54	U	<3.38	U	<3.53	U	<3.56	U	<3.07	U	<3.39	U	<3.19	U	<3.61	U	<3.34	C
Vanadium	14.0		11.4		9.95		12.6		10.1		11.5		9.97		12.0		10.1		13.2	
Zinc	643	GS1, D	542		290		1080	GS1, D	883	GS1, D	413		864	GS1, D	1700	GS1, D	1510	GS1, D	1220	GS1, D
Barium	104		79.4		62.0		89.4		113		108		90.5		229		131		115	
Mercury*	0.412		0.387		0.190		0.311		0.369		0.246		0.363		0.546		0.389		0.471	
PCBs by 8082A																				
Total PCBs	0.0232						0.0848		0.0207		2.083		0.3816				0.0129			

## Table 3B Soil Analytical Results (Metals, PCBs) Site 9 (Pile Soils), Destiny USA (July 24, 2013 - August 15, 2013)

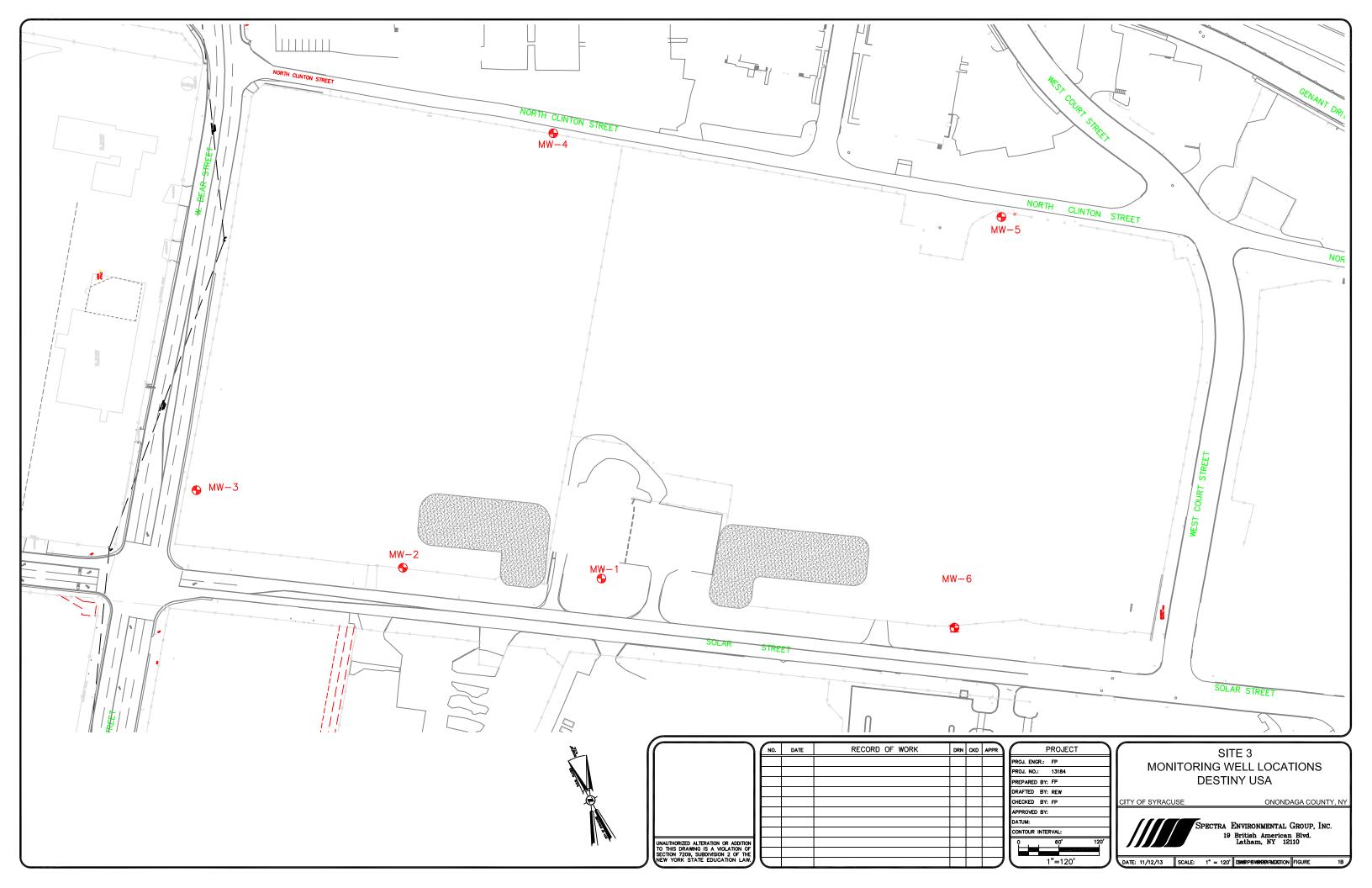
Cita O Dila		Sample	ID	
Site 9 Pile	S9-S11	(5-9)C1	S9-S11	(1-5)C2
Metals by 6010C and 7471B	7/25/	/2013	7/25/	2013
Iron	25600		66700	GS1, D
Magnesium	13000	GS1, D	14000	GS1, D
Manganese	276		323	
Potassium	1210		1260	
Sodium	164		257	
Aluminum	5250	В	5970	В
Antimony	<5.77	U	<5.72	U
Arsenic	22.6		40.5	
Beryllium	0.314	J	0.304	J
Cadmium	2.44		4.30	
Calcium	182000	GS1, D	103000	GS1, D
Chromium	10.9		12.6	
Cobalt	5.41		7.80	
Copper	273		531	
Lead	302		766	
Nickel	12.7		19.8	
Selenium	2.14		4.32	
Silver	<1.73	U	<1.72	U
Thallium	<3.46	U	<3.43	U
Vanadium	13.0		17.3	
Zinc	1140	GS1, D	2440	GS1, D
Barium	123		172	
Mercury*	0.468		0.552	
PCBs by 8082A				
Total PCBs	6.995		0.0329	

## NOTES:

- 1. Samples were collected by Spectra and submitted to Spectrum Analytical for analysis of total metals.
- 2. <0.457 U: Analyte was not detected. The number following the 'less than' (<) is the associated reporting limit.
- 3. All units in mg/kg or ppm.
- \* Mercury analyzed by method 7471B

  <u>Data Qualifiers</u>
- 4. J: Indicates an estimated value less than the reporting limit.
- 5. D: Compound quantified using secondary dilution.
- 6. E: Detection exceeded calibration range.
- 7. GS1: Samlpe dilution required for high concentration for analyte to be within instrument calibration range.
- 8. R01: Reporting limit raised to account for matrix interference.
- 9. B: Analyte found in associated blank as well as in sample.

## APPENDIX B SITE 3 GROUNDWATER SAMPLING RESULTS



# Table 1 Site Remedial Investigation Groundwater Analytical Results (VOCs, SVOCs) Destiny USA Site 3, Samples Collected December 12, 2013

VOCs by 8260C	Part 703.5 Class GA Waters	MW-1 12/12/2013	MW-2 12/12/2013	MW-3 12/12/2013	MW-4 12/12/2013	MW-5 12/12/2013	MW-6 12/12/2013
1,2,4-Trimethylbenzene	5	40.5	2.89	1.00 U	1.00 U	1.00 U	1.00 U
1,3,5-Trimethylbenzene	5	8.23	1.00 U				
4-Isopropyltoluene	5	5.00 U	1.00 U	1.00 U	1.00 U	1.78	1.00 U
Benzene	1	263	3.49	1.00 U	1.00 U	1.00 U	1.00 U
Chloroform	7	5.00 U	1.00 U	1.00 U	5.51	1.00 U	1.00 U
cis-1,2-Dichloroethene	5	5.00 U	1.00 U	1.00 U	2.1	1.00 U	1.00 U
Ethylbenzene	5	23.2	1.18	1.00 U	1.00 U	1.00 U	1.00 U
Isopropylbenzene	5	5.00 U	1.00 U	1.00 U	1.00 U	32.7	4.04
n-Butylbenzene	5	5.00 U	1.00 U	1.00 U	1.00 U	2.72	1.00 U
n-Propylbenzene	5	6.65	1.11	1.00 U	1.00 U	39.1	1.00 U
sec-Butylbenzene	5	5.00 U	1.00 U	1.00 U	1.00 U	9.83	1.00 U
tert-Butylbenzene	5	5.00 U	1.00 U	1.00 U	1.00 U	2.43	1.00 U
Toluene	5	8.6	1.00 U				
Total Xylenes		17.1	1.33	1.00 U	1.00 U	1.00 U	1.00 U
Trichloroethene	5	5.00 U	1.00 U	1.00 U	18	1.00 U	1.00 U

SVOCs by 8270D	TOGS 1.1.1	MW-1 12/12/2013	MW-2 12/12/2013	MW-3 12/12/2013	MW-4 12/12/2013	MW-5 12/12/2013	MW-6 12/12/2013
2-Methylnaphthalene		4.63 U	4.63 U	4.63 U	4.63 U	32.3	4.63 U
Fluorene	50	4.63 U	4.63 U	4.63 U	4.63 U	5.68	4.63 U

## NOTES:

- 1. Samples were collected by Spectra and submitted to Pace Analytical.
- 2. Data shown in bold **red** exceeds NYSDEC Part 703.5 for Class GA waters and/or T.O.G.S 1.1.1 Guidance Values for Class GA waters.
- 3. **<0.457 U**: Analyte was not detected. The number following the 'less than' (<) is the associated reporting limit.
- 4. All units in ppb.

1 of 1 3/6/2014

# Table 2 Site Remedial Investigation Groundwater Analytical Results (Metals) Destiny USA Site 3, Samples Collected December 12, 2013

Metals by	703.5 Class	TOC: 4.4.4	MW-1	MW-1 (FILTERED)	MW-2	MW-2 (FILTERED)	MW-3	MW-3 (FILTERED)	MW-4	MW-4 (FILTERED)	MW-5	MW-5 (FILTERED)	MW-6	MW-6 (FILTERED)
200.7	GA Waters	1068 1.1.1	12/12/2013	12/12/2013	12/12/2013	12/12/2013	12/12/2013	12/12/2013	12/12/2013	12/12/2013	12/12/2013	12/12/2013	12/12/2013	12/12/2013
Aluminum			6.84	5.36	0.824	0.115	0.2	0.0500 U	38.9	5.17	17.2	0.476	2.21	0.0593
Arsenic	0.025		0.0250 U	0.00562	0.00972	0.00849	0.00500 U	0.00500 U	0.01	0.00500 U	0.0101	0.00500 U	0.00504	0.00500 U
Barium	1		0.0652	0.0413	0.0642	0.0568	0.0553	0.0536	0.486	0.267	0.308	0.265	0.0539	0.0438
Calcium			108	75.4	179	165	337	326	454	258	320	134	135	130
Chromium	0.05		0.0250 U	0.0117	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.0547	0.00771	0.0242	0.00500 U	0.00500 U	0.00500 U
Cobalt			0.0250 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.0204	0.00500 U	0.00955	0.00500 U	0.00500 U	0.00500 U
Copper	0.2		0.0250 U	0.00821	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.0283	0.00500 U	0.0458	0.00500 U	0.00769	0.00500 U
Iron	0.3		6.7	4.96	1.89	0.463	0.205	0.0500 U	48.9	4.29	29.9	5.71	2.59	0.0500 U
Lead	0.025		0.0250 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.0178	0.00500 U	0.0778	0.00500 U	0.00500 U	0.00500 U
Magnesium		35	13.8	12.1	20.7	19.4	32	31.4	194	51.9	116	15.7	17.1	14
Manganese	0.3		0.154	0.0896	0.445	0.363	0.0805	0.0756	1.15	0.485	1.08	0.443	0.0754	0.0446
Nickel	0.1		0.0250 U	0.0178	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.0554	0.00709	0.0257	0.00500 U	0.00500 U	0.00500 U
Potassium			14.8	14.3	5.88	5.41	4.17	4.11	16.8	9.01	7.63	2.72	7	6.35
Sodium	20		1400	1290	151	142	71.6	71.1	88.2	95.7	58	60.5	608	604
Vanadium			0.0304	0.0239	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.0542	0.00692	0.0277	0.00500 U	0.00532	0.00500 U
Zinc		2	0.0506	0.0201	0.0163	0.00791	0.00500 U	0.00500 U	0.0856	0.00945	0.106	0.00714	0.00959	0.00500 U
Mercury*	0.0007		0.00200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U

## NOTES:

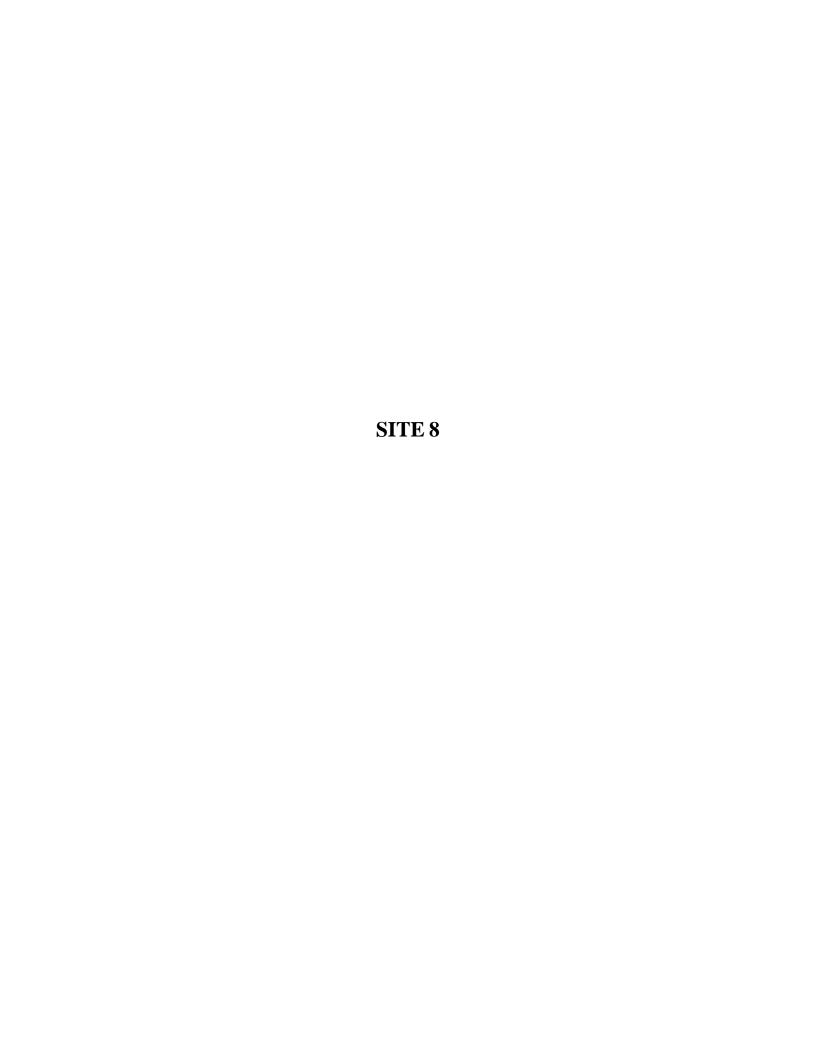
- 1. Samples were collected by Spectra and submitted to Pace Analytical.
- 2. Data shown in bold red exceeds NYSDEC Part 703.5 for Class GA waters and/or T.O.G.S 1.1.1 Guidance Values for Class GA waters.
- 3. <0.457 U: Analyte was not detected. The number following the 'less than' (<) is the associated reporting limit.
- 4. All units in ppm.
- \* Mercury analyzed by method 7470

Data Qualifiers:

- 5. J: Indicates an estimated value less than the reporting limit.
- 7. D: Compound quantified using secondary dilution.

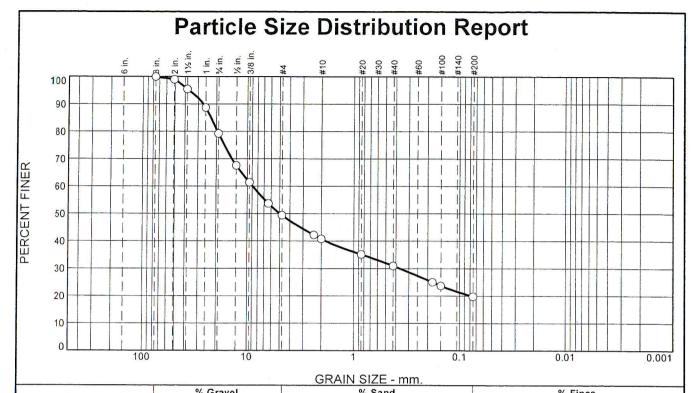
1 of 1 3/6/2014

## APPENDIX C GRADATION TESTS





## ATLANTIC TESTING LABORATORIES



% +3	) · ·	% Grave	<b>∄</b> 1		% Sand		% Fine	es
/0 T.		Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0		20.7	29.9	8.6	9.8	11.2	19.8	
SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT		Brown o		escription ome cmf SAND; little	e SILT/CLAY
3	100.0					The second secon	· · · · · · · · · · · · · · · · · · ·	

- 0	2 2 10	200 5-00 9 700-00 9 5		
	SIZE	FINER	PERCENT	SPEC (X)
	3	100.0		
	2	99.0		
	1-1/2	95.5		
- 1	1	88.8		
- 6	3/4	79.3		
	1/2	67.6		
	3/8	61.4		
	1/4	53.7		
	#4	49.4		
	#8	42.3		
	#10	40.8		
	#20	35.2		
	#40	31.0		
	#80	25.0		
	#100	23.7		
	#200	19.8		

Brown cmf GRA	Brown cmf GRAVEL; some cmf SAND; little SILT/CLAY		
PL=	Atterberg Limits	PI=	
D <sub>85</sub> = 22.4439 D <sub>30</sub> = 0.3658 C <sub>u</sub> =	Coefficients D <sub>60</sub> = 8.8758 D <sub>15</sub> = C <sub>c</sub> =	D <sub>50</sub> = 4.9627 D <sub>10</sub> =	
USCS=	Classification AASHT	O=	
Remarks ASTM D 422 (without Hydrometer) Delivered by the client on 12-09-2013			

(no specification provided)

Sample No.: ST3470S01

Location: Area 8

Source of Sample: Onsite - Destiny USA

Elev./Depth: ---

ATLANTIC TESTING LABORATORIES, LIMITED Syracuse, New York

Client: Spectra Environmental Group

Project: Laboratory Service Agreement

Report No: ST3470SL-01-12-13

Date: 12-10-2013

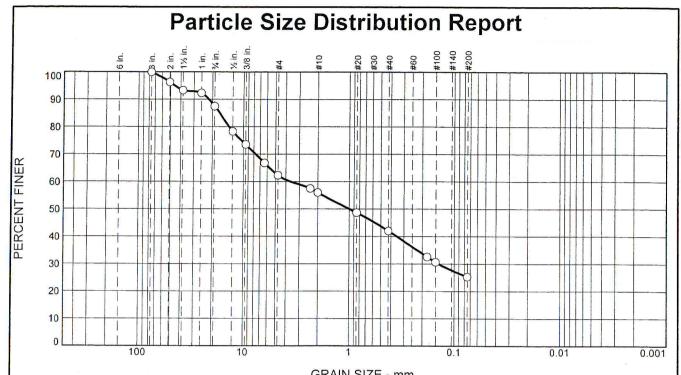
Reviewed by:

Date: 12 11 13





## ATLANTIC TESTING LABORATORIES



% +3"	% Gravel			% Sand		% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	12.5	25.1	6.4	13.9	16.8	25.3	

	SIEVE	PERCENT	SPEC.*	OUT OF
	SIZE	FINER	PERCENT	SPEC (X)
Γ	3	100.0		
	2	96.3		
	1-1/2	93.3		
	1	92.3		
	3/4	87.5		
- 1	1/2	78.4		
	3/8	73.6		
-	1/4	66.8		
	#4	62.4		
- [	#8	57.5		
	#10	56.0		
- 1	#20	48.7		
	#40	42.1		
- 1	#80	32.6	1	
	#100	30.7		
	#200	25.3		

Soil Description					
Brown cmf GRA	Brown cmf GRAVEL and cmf SAND; some SILT/CLAY				
PL=	Atterberg Limits LL=	PI=			
D <sub>85</sub> = 17.0654 D <sub>30</sub> = 0.1397 C <sub>u</sub> =	<u>Coefficients</u> D <sub>60</sub> = 3.6208 D <sub>15</sub> = C <sub>c</sub> =	D <sub>50</sub> = 0.9878 D <sub>10</sub> =			
USCS=	Classification AASHTO	)=			
Remarks ASTM D 422 (without Hydrometer) Delivered by the client on 12-09-2013					

(no specification provided)

Sample No.: ST3470S02

Source of Sample: Onsite - Destiny USA

Location: Area 9

Elev./Depth: ---

ATLANTIC TESTING LABORATORIES, LIMITED Syracuse, New York **Client:** Spectra Environmental Group **Project:** Laboratory Service Agreement

**Report No:** ST3470SL-02-12-13

Date: 12-10-2013

Reviewed by:

Date: 1211/13

## New York State Department of Environmental Conservation Division of Materials Management

Bureau of Waste Reduction & Recycling, 9th Floor

625 Broadway, Albany, New York 12233-7253 **Phone:** (518) 402-8706 • **Fax:** (518) 402-9024

Website: www.dec.ny.gov



Frank R. Peduto, P.E.
Project Manager
Spectra Engineering, Architecture and Surveying, P.C.
19 British American Boulevard
Latham, New York 12110

Dear Mr. Peduto:

Re:

BUD No. 1091-7-34, Destiny USA

Source specific soil used on contiguous property as fill

APR 1 6 2014

The New York State Department of Environmental Conservation (Department) has reviewed the petition dated March 10, 2014, by Spectra Engineering on behalf of Destiny USA, for use of soil impacted by historic industrial and commercial activity, excavated during redevelopment of Destiny properties, as grading fill on contiguous Destiny property. The Department has determined this use of soil to be a beneficial use pursuant to 6 NYCRR 360-1.15(d). This beneficial use determination (BUD) is subject to the following conditions:

- 1. This BUD is only applicable to excavated and stockpiled soil from Destiny's Sites 8 and 9 which has characterized as similar to soils on the receiving site, as determined by sampling results summarized in the March 2014 petition. Approximately 124,500 cubic yards of Sites 8 and 9 soil, characterized in the petition to be "acceptable soil", will be relocated to Site 3, a contiguous Destiny-owned land area with similar historic land use and contamination to Sites 8 and 9. The petition has also demonstrated the suitability of and a need for this soil as grading fill at Site 3 through the inclusion of gradation testing results and a proposed final grading plan for future development of Site 3.
- 2. Segregation of regulated soil (destined for permitted landfill based on elevated concentrations of historic contamination) must follow procedures described in the "Sites 8 and 9 Soil Management Plan (SMP)" by Spectra Engineering dated March 10, 2014 (as conditioned in the Department's SMP approval letter dated April 16, 2014), and on the petition figures titled "Cross-Section Areas for Disposal" and "Plan View Areas for Disposal". Any further contaminated soil (as determined by field observation) or non-soil, deleterious materials discovered during removal of soils from Sites 8 and 9, must be segregated from acceptable material, as described in the SMP, for disposal. As stated in the petition, non-soil "exempt material" (uncontaminated concrete, rock, brick, soil, and asphalt) will not be used as fill at Site 3 but will be transported to Site 4.
- All materials from Destiny Sites 8 and 9 not used pursuant to this BUD or 6 NYCRR 360-1.15(b)(11) must be disposed in accordance with applicable 6 NYCRR Part 360 regulations.



- 4. Destiny USA must provide a report to the Department within 60 days of the end of each calendar year of the project, summarizing the quantity of soil beneficially used (placed on Site 3 as fill) during the previous calendar year. In addition, Destiny must provide a completion report within 60 days of moving all acceptable soil from Sites 8 and 9 to Site 3; this completion report must state the actual quantity of soil placed pursuant to the BUD. If these soils have not been completely moved from Sites 8 and 9 to Site 3 as allowed by this BUD within 5 years of the date of this letter, a completion report must be provided to the Department within 60 days after the expiration of the BUD (see item 11 below).
- 5. All reports and correspondence related to this BUD should be sent to:

Mary Jane Peachey, P.E. Regional Engineer NYSDEC Region 7 615 Erie Blvd. West Syracuse, NY 13204

Sally Rowland, Ph.D., P.E.
Bureau of Waste Reduction & Recycling
Division of Materials Management
NYSDEC
625 Broadway, 9th Floor
Albany, NY 12233-7253

Timothy DiGiulio, P.E. Regional Materials Management Engineer NYSDEC Region 7 615 Erie Blvd. West Syracuse, NY 13204

- 6. Acceptable soils will cease to be solid waste on placement in final locations for grading on Site 3. For purposes of waste transporter permitting, the Department considers the acceptable soil as "non-hazardous dredge or fill material" which is exempt pursuant to 6 NYCRR 364.1(e)(2)(ix); however, all procedures described in the petition and SMP prevent dispersion of soil during transport must be followed.
- 7. Following placement in final locations on Site 3, acceptable soils must be promptly compacted, graded and erosion controls implemented in accordance with the project stormwater pollution prevention plan (SWPPP).
- 8. Destiny may stage approximately 11,000 cubic yards of accepted soil on Site 3 until project sequencing allows placement as cover, as stated in the petition, provided erosion controls are implemented for the staging area pursuant to the SWPPP.
- 9. The Department reserves the right to rescind or modify this BUD at any time, if it finds pursuant to 6 NYCRR 360-1.15(d)(4), that any matter serving as the basis for this BUD is incorrect or no longer valid, or the Department finds there has been a violation of the

conditions of this BUD. Strict compliance with the BUD petition, Soil Management Plans (as conditioned in the Department's April 16, 2014 SMP approval), and the SWPPP is required for this authorization to remain effective.

- 10. This determination does not exempt Destiny USA or its contractors from other local, state or federal requirements.
- 11. This determination will expire five years from the date of this letter. A renewal may be granted upon written request and justification.

If you have any questions regarding this determination, please contact me.

Sincerely,

Kathleen A. Prather, P.E. Environmental Engineer

cc: M. Peachey, Reg. 7 Engineer



## EMERALD POINT AND COR SOIL MANAGEMENT PLAN

## DESTINY USA SYRACUSE, NEW YORK

## Prepared for:

New York State Department of Environmental Conservation Region 7 615 Erie Boulevard West Syracuse, New York 13204

## Prepared by:

Spectra Environmental Group, Inc.
Spectra Engineering, Architecture and Surveying, P.C.
19 British American Boulevard
Latham, New York 12110

### **MARCH 2014**

## EMERALD POINT AND COR SOIL MANAGEMENT PLAN

## DESTINY USA SYRACUSE, NEW YORK

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	3.2	Managed Material				
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2013 SOIL SAMPLE LOCATION AND RESULTS

## Destiny USA - Emerald Point and COR Soil Management Plan

APPENDIX A

#### 1.0 INTRODUCTION

This Soil Management Plan (SMP) has been prepared to regulate the management of a quantity of contaminated soil generated during construction of improvements on the Syracuse Inner Harbor by the New York State Canal Corporation. Management and treatment of this material was initiated under the *Work Plan for Construction of Storage Area and Stockpiling of Barge Canal Soils*, May 3, 2001, prepared by Arcadis G&M, Inc., and the *Biopile Workplan*, July 11, 2001, also prepared by Arcadis G&M, Inc. These plans were prepared pursuant to, and were made exhibits to New York State Department of Environmental Conservation Consent Order No. D7-01-00100. None of the work performed under this SMP, i.e., receiving COR soils, remediating Emerald Point and COR soils, and site grading, are being performed under the BCP program.

A portion of the material subject to this SMP was previously placed on a parcel of land identified as the Emerald Point Property at the intersection of Bear Street and Solar Street, in the City of Syracuse, New York (see Figure 1). This parcel is currently owned by Destiny USA. The material was placed on the parcel in accordance with the earlier remediation plans. The balance of the material (the "COR" soil) is presently located on lands of the New York State Canal Corporation adjacent to the Inner Harbor Area. This material will be moved in accordance with this SMP to the Emerald Point Property, commonly referred to as Site 3, where it will be combined with and remediated with the material previously placed on Site 3, as described herein.

### 2.0 PURPOSE

Remediation and final disposition of the soils generated by improvements on the Syracuse Inner Harbor will be completed in accordance with this SMP. This SMP presents the procedures that will be used to transfer and treat the subject materials. Details regarding the source and conditions of this material have been previously reported to the Department by other parties.

The material will be remediated on Site 3, and following remediation, as determined by NYSDEC and provided in writing, will be used as grading material on the site (See Figure 2). Site 3 is generally bounded by Bear Street to the northwest, North Clinton Street to the northeast, Solar Street to the southwest, and Court Street to the southeast. The remediated soil will be covered by soils from a third site, pursuant to a Department approved Beneficial Use Determination, under a separate soil management plan.

Page 1

Approximately 6,000 cubic yards of soil (COR soils) will be transferred from the Inner Harbor Parcel to Site 3, and will be managed similarly to the approximately 5,000 cubic yards of soil moved previously to Site 3 for remediation (Emerald Point soils).

Analytical results for samples collected from the Emerald Point and COR contaminated soils in September 2013 are presented in Appendix A, with a figure indicating the sample locations.

## 3.0 SOIL MANAGEMENT

Soil management on Site 3 will consist of receiving COR soils, remediating Emerald Point and COR soils as determined by NYSDEC in writing, spreading, grading and covering the remediated soil. No spreading, grading, covering, or any other management of these soils will occur until NYSDEC has determined, in writing, that these soils have been remediated for their next use.

## 3.1 SITE PREPARATION

Measures for controlling potential nuisance conditions and offsite migration will be implemented prior to construction. These measures include the air monitoring, stormwater controls, stockpile management, and dust control as deemed necessary by NYSDEC. These measures are presented in greater detail in Section 4, below. Erosion and sediment controls for Site 3 will be implemented in accordance with the approved Stormwater Pollution Prevention Plan for activities related to this SMP.

### 3.2 MANAGED MATERIAL

The material to be managed under this plan consists of approximately 6,000 cubic yards of soil that will be transferred from the Inner Harbor Parcel (COR soils), and approximately 5,000 cubic yards of soil moved previously to Site 3 for remediation (Emerald Point soils).

Vehicles carrying COR soils will use the Solar Street entrance to the Emerald Point parcel. The vehicles will deposit the material directly into the area designated for management and remediation (Area B on Figure 2).

Once on Site 3 the COR soils will be managed with the Emerald Point soils in Area B and prepared for remediation. The combined COR and Emerald Point soils may be spread immediately for remediation, or may be temporarily stockpiled pending conclusion of Site 3 preparations.

## 3.3 SOIL REMEDIATION

The COR and Emerald Point soils will be remediated as follows:

- 1. Fertilizer will be applied and mixed into the soil pile or mixed in while being spread for windrowing.
- 2. The soils will be placed in windrows in the eastern portion of Area B in the pattern shown in Figure 3. Windrows will have a height to width ratio of approximately 3:4. Exact dimensions of the windrows will be determined by the selected windrowing equipment.
- 3. Windrows will be mixed and turned on a monthly basis for 6 months or until soil sampling demonstrates sufficient treatment has occurred, as determined by the DEC in writing.

After remediation is complete, the windrows will be leveled to establish preliminary grade across the eastern portion of Area B. The remediated soils, as determined by NYSDEC in writing, will be covered with a 1 foot layer of BUD approved soil to reach final lines and grades (Figure 4). Area B will then be seeded and mulched.

### 4.0 DUST SUPPRESSION

## 4.1 COMMUNITY AIR MONITORING PLAN (CAMP)

Prior to excavation activities, a subcontractor will implement an air monitoring program consistent with the previously accepted Destiny Brownfield Sites Community Air Monitoring Plan (CAMP). During working hours, air quality will be monitored at the grading area on Site 3. Air quality will be monitored continuously throughout the work day. Monitoring will be conducted in accordance with regulatory protocols. The ambient air data RAM monitor will be set at the current state action level for particulate matter of 150 micrograms per cubic meter  $(\mu g/m^3)$  and the PID monitor will be set at an appropriate level below the state action level of 5 ppm.

## 4.2 STORMWATER MANAGEMENT

Erosion and sediment controls for Site 3 will be implemented in accordance with the approved Stormwater Pollution Prevention Plan, for activities associated with this SMP. Stormwater control features and compliance with the approved Stormwater Pollution Prevention Plan will be maintained throughout the duration of the project on Site 3, until final stabilization of disturbed

soils has been established and until NYSDEC determines the Stormwater Pollution Prevention Plan is no longer applicable.

### 4.3 STOCKPILES

Dust suppression techniques will be implemented to ensure that compliance with fugitive dust protocols is maintained throughout the project. Options to address fugitive dust emissions from stockpiles include water or calcium chloride spray. If used, liquid sprays will be used at a rate sufficient to control fugitive dust that will also minimize impacts to operations.

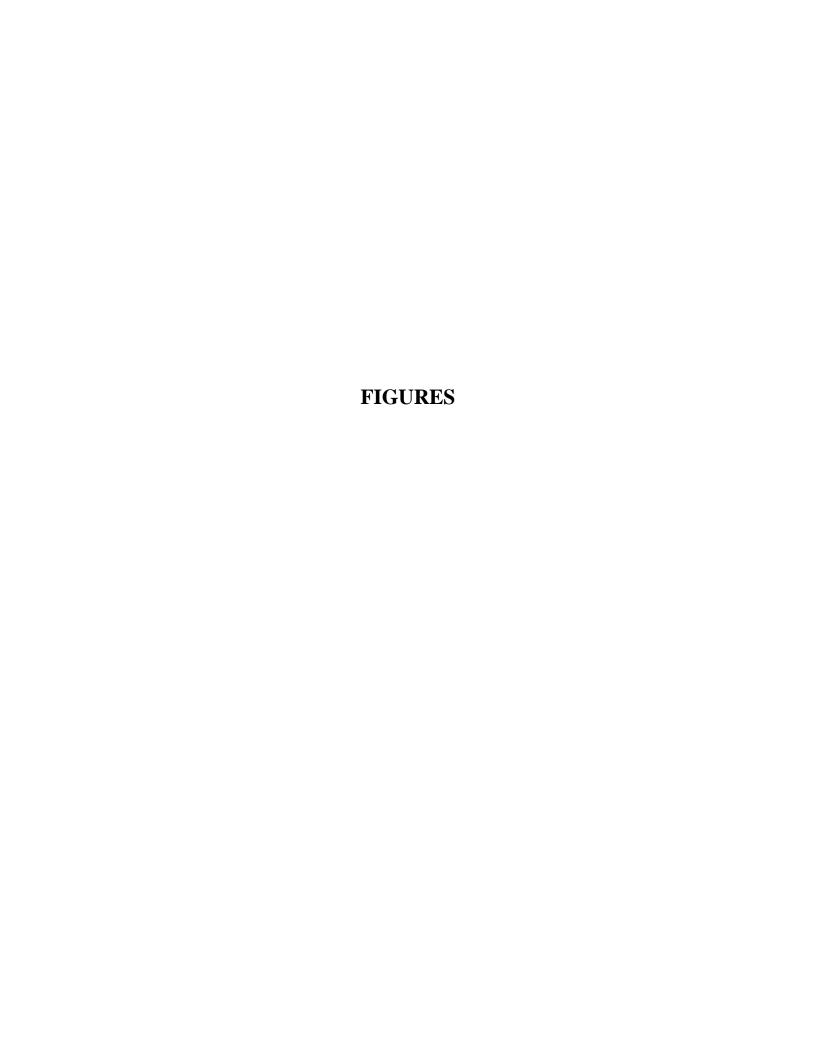
### 4.4 VEHICULAR DUST

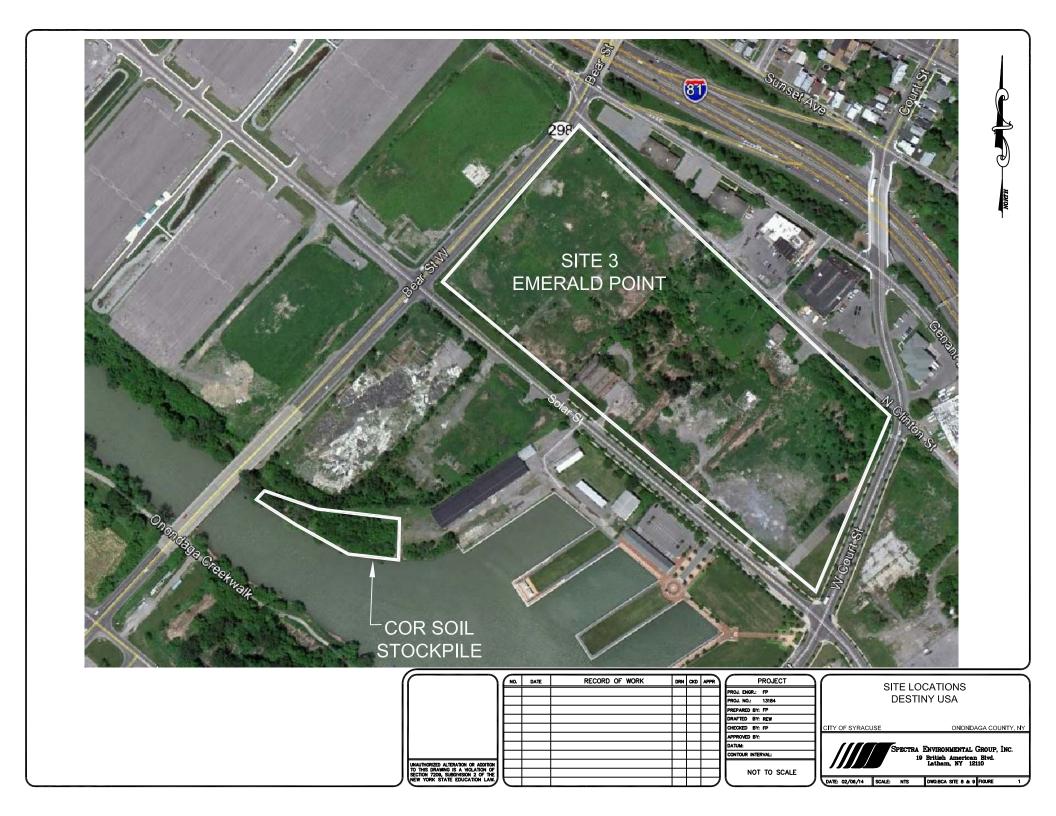
The primary dust suppression techniques to be used on vehicles are water spray, reduced speed during transport, and covers on all loads. Concerns regarding mud and dust may be reported to David Aitken at 315-422-7000 for immediate resolution. At the end of every work day, heavy equipment may be staged on site, reducing potential tracking of material offsite.

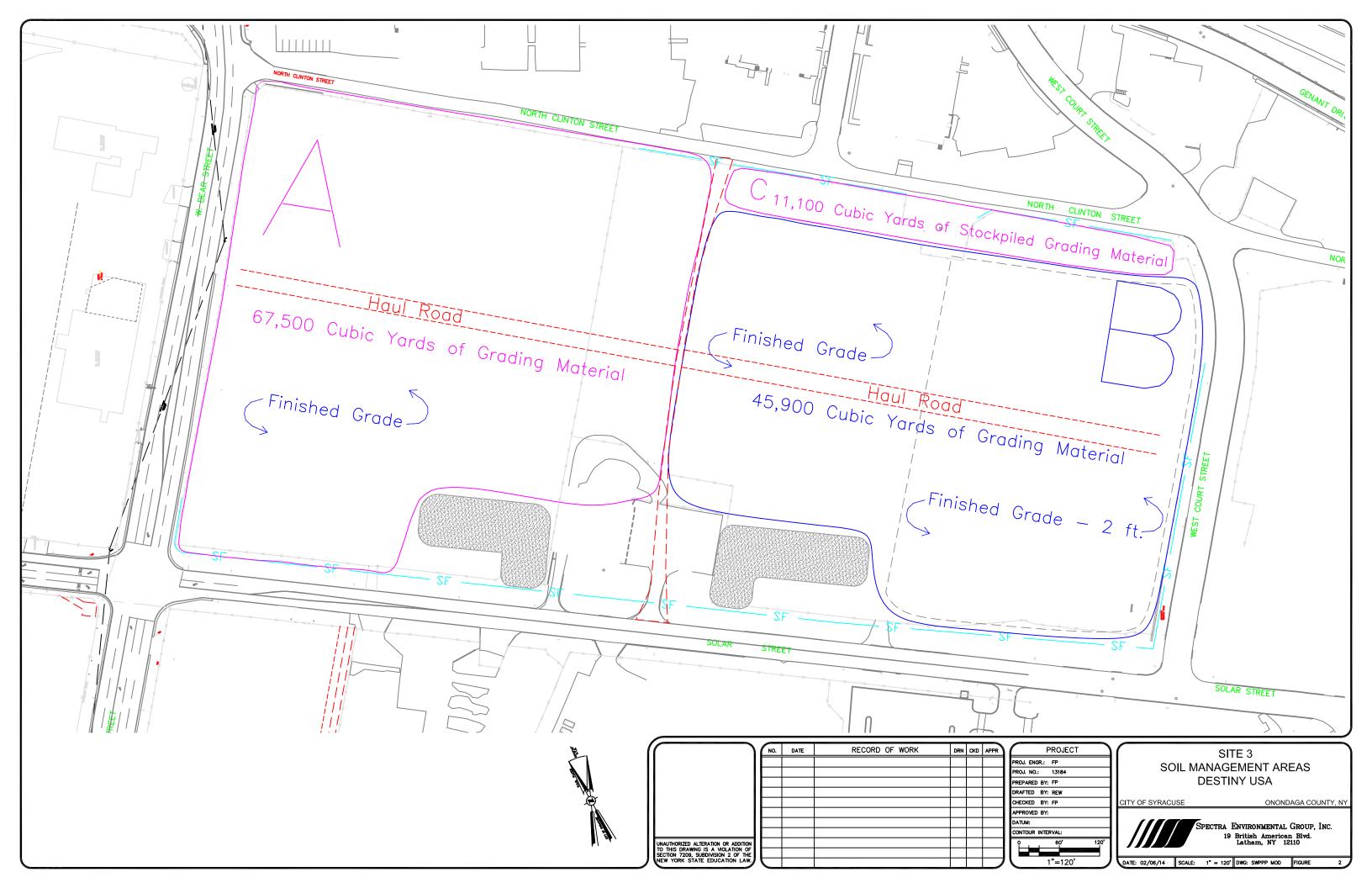
During the work day, there is a possibility of material being tracked onto the parking lots and roadways. An efficient method of decreasing the amount of tracked material will be to construct a gravel buffer zone between the piles and the parking lots or roadway. The trucks exiting the Sites will drive over the 1 to 2-inch stone surface removing the material packed into the tires. Sweeping of roadway and/or parking will also be employed if excessive material is tracked offsite.

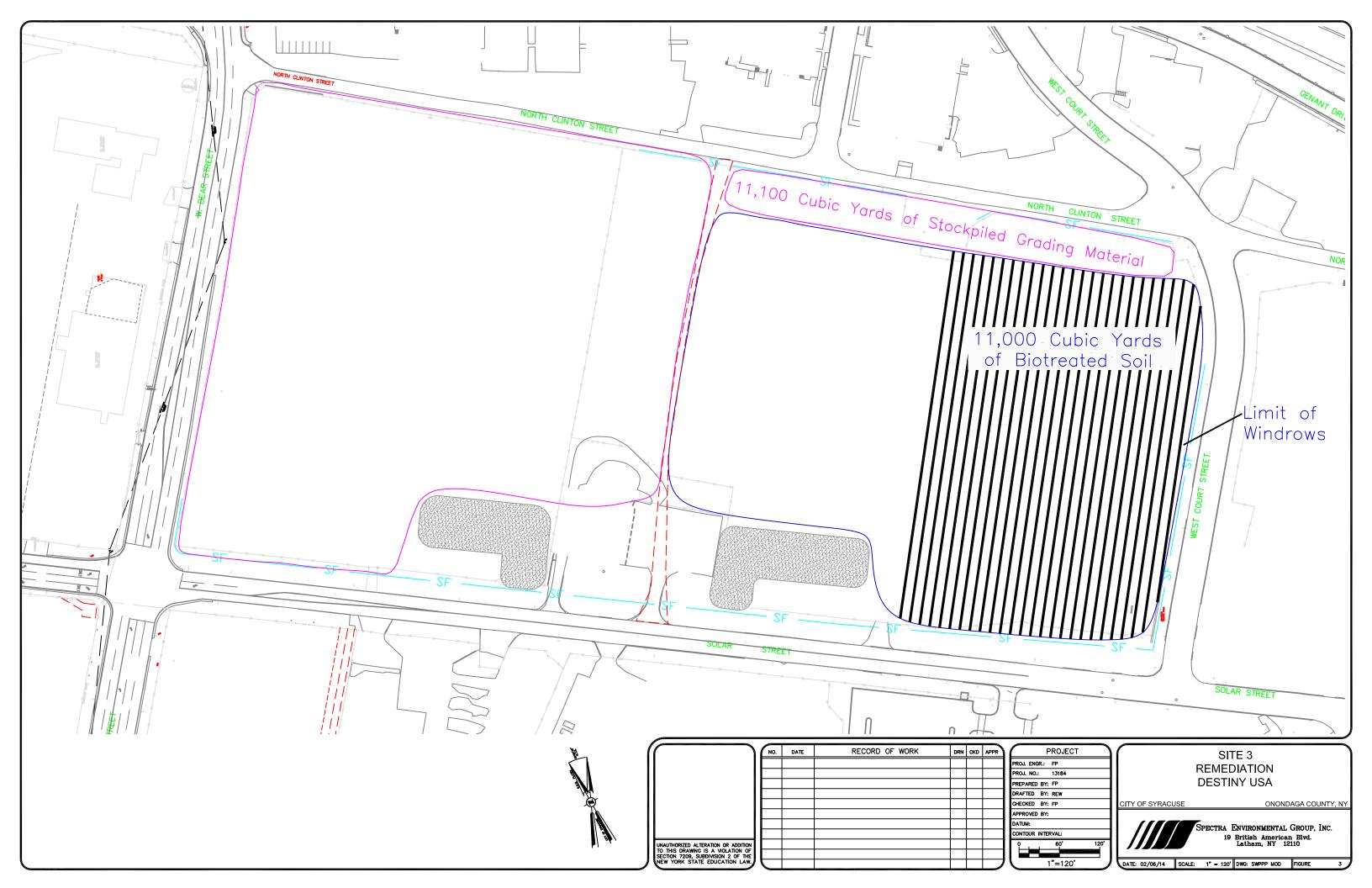
### 5.0 SCHEDULING

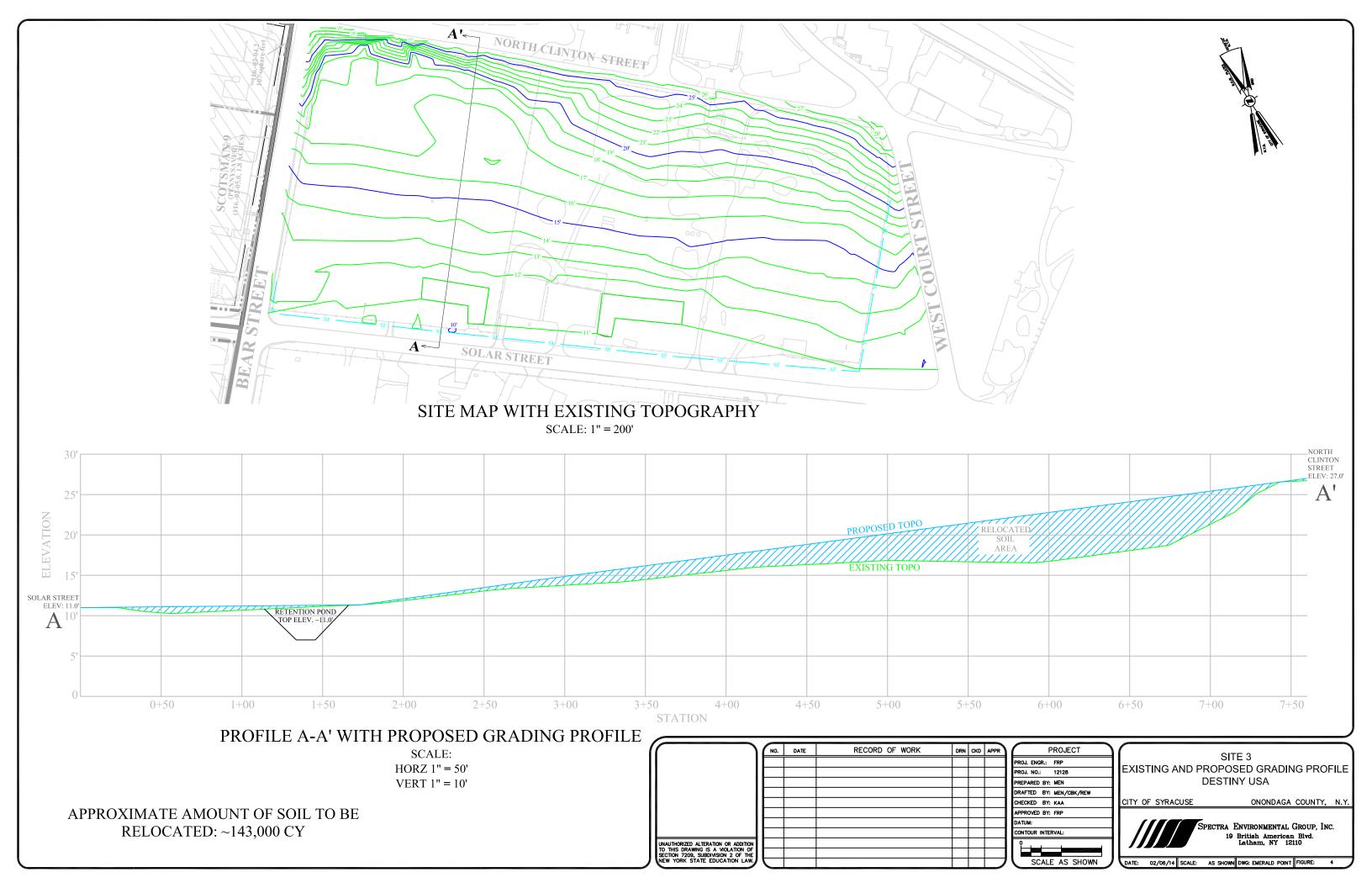
Material will be transported as described above starting when necessary approval has been received, as early as late March or early April. Bio-treatment will be conducted once the COR material has been transported to Site 3. Windrowing will begin with the onset of suitable weather, and will be turned on a monthly basis for 6 months or until soil sampling demonstrates sufficient treatment has occurred as determined by the DEC in writing. Upon successful treatment, material will be incorporated into the site grading plan as described above.











# APPENDIX A EMERALD POINT AND COR SOIL SAMPLE LOCATIONS AND RESULTS



# Table 1 Soil Analytical Results Emerald Point Pile, Destiny USA (September 20, 2013)

	CP-51 SOIL						Sample ID					
Emerald Point	CLEANUP	S1-C	S2-C	S3-C	S4-C	S5-C	S6-C	S7-C	S8-C	S9-C	S10-C	S11-C
Metals by 6010C	LEVEL	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/20/2013
Lead		167	105	105	58.3	89.6	46.8	69.9	84.0	72.9	264	109

	CP-51 SOIL											Sampl	le ID										
Emerald Point VOCs by 8260C	CLEANUP LEVEL	S1-V 9/20/2	` ,	S2-V 9/20/2	` ,	\$3-V( 9/20/20	` ,	9/20/2		S5-V		S6-V 9/20/2	. ,	9/20/2	. ,	S8-V	. ,	S9-V	, ,	S10-V 9/20/20	` ,	S11-V 9/20/2	` '
Benzene	0.06	0.532	D	0.137	J, D	< 0.249	U, D	< 0.339	U, D	<0.296	U, D	0.375	J, D	0.105	J, D	0.218	J, D	0.877	D	< 0.313	U, D	1.36	D
n-Butylbenzene	12	0.280	D	0.278	J, D	< 0.249	U, D	< 0.339	U, D	<0.296	U, D	0.380	J, D	0.285	J, D	< 0.326	U, D	0.366	D	< 0.313	U, D	0.287	J, D
Ethylbenzene	1	0.306	D	< 0.371	U, D	< 0.249	U, D	< 0.339	U, D	<0.296	U, D	0.345	J, D	<0.291	U, D	< 0.326	U, D	0.564	D	< 0.313	U, D	0.744	D
n-Propylbenzene	3.9	0.261	D	< 0.371	U, D	< 0.249	U, D	< 0.339	U, D	<0.296	U, D	0.220	J, D	0.143	J, D	< 0.326	U, D	0.294	J, D	< 0.313	U, D	0.259	J, D
Toluene	0.7	0.511	D	0.308	J, D	<0.249	U, D	< 0.339	U, D	<0.296	U, D	0.975	D	0.204	J, D	0.534	D	1.65	D	0.229	J, D	1.96	D
1,2,4-Trimethylbenzene	3.6	0.906	D	0.512	D	0.192	J, D	0.125	J, D	0.122	J, D	0.738	D	0.457	D	0.260	J, D	1.15	D	0.310	J, D	1.40	D
1,3,5-Trimethylbenzene	8.4	0.179	J, D	0.160	J, D	<0.249	U, D	< 0.339	U, D	<0.296	U, D	0.216	J, D	0.151	J, D	< 0.326	U, D	0.313	J, D	<0.313	U, D	0.384	D
m,p-Xylene		1.31	D	0.828	D	< 0.499	U, D	<0.678	U, D	<0.593	U, D	1.76	D	0.646	D	0.697	D	2.47	D	0.552	J, D	2.93	D
o-Xylene		0.200	J, D	0.186	J, D	<0.249	U, D	< 0.339	U, D	<0.296	U, D	0.336	J, D	0.154	J, D	0.176	J, D	0.442	D	0.132	J, D	0.500	D
Total Xylenes	0.26	1.51		1.014								2.096		0.8		0.873		2.912		0.684		3.43	

	CP-51 SOIL											Sample	ID										
Emerald Point SVOCs by SW846 8270D	CLEANUP LEVEL	S1 9/20/		S2- 9/20/2	_	S3-0 9/20/2		S4-0 9/20/2	_	S5-0 9/20/2		S6-C		S7-0 9/20/20	-	S8-0 9/20/20		S9-0		S10-	_	S11- 9/20/2	-
Naphthalene	12	1.40	D	0.742	D D	0.635	D D	0.353	J. D	0.376	J. D	0.328	10	0.498	D D	0.216	J. D	0.506	D D	0.890	D D	0.816	D
2-Methylnaphthalene		1.63	D	0.792	D	0.708	D	0.393	J. D	0.395	J. D	0.306		0.549	D	0.299	J D	0.543	D	1.03	D	0.858	D
Acenaphthylene	100	0.358	J, D	0.210	J. D	0.156	J. D	0.231	J. D	0.352	J. D	0.0673	J	0.203	J. D	0.142	J. D	0.149	J. D	0.160	J. D	0.396	J, D
Acenaphthene	20	<0.424	U, D	<0.425	U, D	<0.402	U, D	<0.424	U, D	<0.419	U, D	<0.219	U	0.248	J, D	< 0.396	U, D	<0.449	U, D	<0.417	U, D	0.113	J, D
Dibenzofuran		0.113	J, D	< 0.425	U, D	< 0.402	U, D	< 0.424	U, D	<0.419	U, D	0.0620	J	0.231	J, D	< 0.396	U, D	<0.449	U, D	< 0.417	U, D	0.170	J, D
Fluorene	30	< 0.424	U, D	< 0.425	U, D	< 0.402	U, D	< 0.424	U, D	<0.419	U, D	<0.219	U	0.287	J, D	< 0.396	U, D	< 0.449	U, D	<0.417	U, D	0.216	J, D
1-Methylnaphthalene		0.609	D	0.354	J, D	0.302	J, D	0.168	J, D	0.184	J, D	0.142	J	0.254	J, D	0.132	J, D	0.238	J, D	0.476	D	0.485	D
Phenanthrene	100	0.561	D	0.306	J, D	0.331	J, D	0.382	J, D	0.530	D	0.154	J	2.34	D	0.217	J, D	0.271	J, D	0.400	J, D	1.64	D
Anthracene	100	0.256	J, D	< 0.425	U, D	0.105	J, D	0.181	J, D	0.253	J, D	0.0625	J	0.654	D	0.101	J, D	<0.449	U, D	0.149	J, D	0.635	D
Fluoranthene	100	1.68	D	0.482	D	0.607	D	0.860	D	1.45	D	0.230		3.01	D	0.804	D	0.747	D	0.876	D	4.22	D
Pyrene	100	1.56	D	0.521	D	0.626	D	1.00	D	1.86	D	0.220		2.61	D	0.561	D	0.538	D	0.959	D	4.05	D
Benzo (a) anthracene	1	1.34	D	0.332	J, D	0.382	J, D	0.662	D	1.20	D	0.142	J	1.64	D	0.495	D	0.450	D	0.647	D	2.71	D
Chrysene	1	1.31	D	0.380	J, D	0.417	D	0.643	D	1.16	D	0.193	J	1.41	D	0.477	D	0.496	D	0.615	D	2.70	D
Benzo (b) fluoranthene	1	1.52	D	0.430	D	0.488	D	0.657	D	1.17	D	0.187	J	1.46	D	0.439	D	0.484	D	0.686	D	2.58	D
Benzo (k) fluoranthene	0.8	1.44	D	0.302	J, D	0.352	J, D	0.651	D	1.09	D	0.181	J	1.10	D	0.480	D	0.437	J, D	0.581	D	1.89	D
Benzo (a) pyrene	1	1.71	D	0.443	D	0.480	D	0.775	D	1.39	D	0.187	J	1.58	D	0.547	D	0.525	D	0.755	D	2.75	D
Indeno (1,2,3-cd) pyrene	0.5	1.04	D	0.303	J, D	0.328	J, D	0.540	D	0.827	D	0.164	J	1.02	D	0.392	J, D	0.351	J, D	0.460	D	1.74	D
Dibenzo (a,h) anthracene	0.33	0.228	J, D	<0.425	U, D	< 0.402	U, D	0.127	J, D	0.199	J, D	<0.219	U	0.245	J, D	0.104	J, D	<0.449	U, D	0.110	J, D	0.460	D
Benzo (g,h,i) perylene	100	0.806	D	0.284	J, D	0.292	J, D	0.449	D	0.669	D	0.141	J	0.798	D	0.347	J, D	0.301	J, D	0.380	J, D	1.38	D

#### NOTES:

- 1. Samples were collected by Spectra and submitted to Spectrum Analytical for analysis of total metals.
- 2. Data shown in bold red exceeds NYSDEC CP-51 Soil Cleanup Objectives Unrestricted Residential Use Criteria
- 3. <0.457 U: Analyte was not detected. The number following the 'less than' (<) is the associated reporting limit.
- 4. All units in mg/kg or ppm.

#### Data Qualifiers

- 5. J: Indicates an estimated value less than the reporting limit.
- 6. D: Compound quantified using secondary dilution.

1 of 1 3/5/2014

# Table 2 Soil Analytical Results COR Pile, Destiny USA Data Compared to CP-51 Soil Cleanup Levels (September 25 and 26, 2013)

	CP-51 SOIL								Sample ID							
Canal Pile	CLEANUP	S1(1-6)	S1(6-12)	S2(1-6)	S2(6-12)	S3(1-6)	S3(6-12)	S4(1-6)	S4(6-12)	S5(1-6)	S5(6-12)	S6(1-5)	S6(5-10)	S7(1-5)	S8(1-8)	S9(1-8)
Metals by 6010C	LEVEL	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013
Lead		91.7	72.8	70.8	75.6	57.9	106	43.1	57.2	146	138	81.8	89.6	11.9	84.5	61.4

	OD 54 COII									Sampl	e ID								
Canal Pile	CP-51 SOIL CLEANUP	S1(5	5)V	S2(6	5)V	S3(6)	V	S4(4)	V	S5(5)	)V	S6(7)	V	S7(3)	V	S8(4)	)V	S9(2)	)V
VOCs by 8260C	LEVEL	9/25/2	2013	9/25/2	2013	9/25/20	013	9/25/20	013	9/25/2	013	9/26/20	013	9/26/20	013	9/26/2	013	9/26/20	013
Benzene	0.06	0.390	D	0.591	D	<0.163	U, D	0.133	J, D	0.472	D	0.434	D	<0.212	U, D	0.325	D	<0.186	U, D
n-Butylbenzene	12.0	0.377	D	0.352	D	< 0.163	U, D	<0.168	U, D	0.362	D	0.215	D	<0.212	U, D	0.169	J, D	<0.186	U, D
sec-Butylbenzene	11.0	0.140	J, D	<0.241	U, D	<0.163	U, D	<0.168	U, D	0.0997	J, D	<0.195	U, D	<0.212	U, D	<0.180	U, D	<0.186	U, D
Ethylbenzene	1.0	0.807	D	0.562	D	< 0.163	U, D	<0.168	U, D	1.10	D	0.523	D	<0.212	U, D	0.370	D	<0.186	U, D
Isopropylbenzene	2.3	0.363	D	0.285	D	< 0.163	U, D	<0.168	U, D	0.263	D	0.143	J, D	<0.212	U, D	0.0682	J, D	<0.186	U, D
n-Propylbenzene	3.9	0.723	D	0.649	D	< 0.163	U, D	<0.168	U, D	0.688	D	0.311	D	<0.212	U, D	0.151	J, D	<0.186	U, D
Toluene	0.7	0.613	D	0.529	D	< 0.163	U, D	0.247	D	0.926	D	0.529	D	<0.212	U, D	0.461	D	<0.186	U, D
1,2,4-Trimethylbenzene	3.6	0.994	D	0.681	D	<0.163	U, D	0.114	J, D	1.73	D	0.705	D	<0.212	U, D	0.436	D	0.0724	J, D
1,3,5-Trimethylbenzene	8.4	0.352	D	0.273	D	< 0.163	U, D	<0.168	U, D	0.619	D	0.221	D	<0.212	U, D	0.136	J, D	<0.186	U, D
m,p-Xylene		1.81	D	1.73	D	< 0.326	U, D	0.289	J, D	3.01	D	1.42	D	<0.423	U, D	1.16	D	<0.371	U, D
o-Xylene		0.340	D	0.258	D	<0.163	U, D	0.129	J, D	0.514	D	0.379	D	<0.212	U, D	0.194	D	<0.186	U, D
1,4-Dioxane		<4.17	U, D	<4.83	U, D	<3.26	U, D	<3.36	U, D	<3.84	U, D	<3.91	U, D	<4.23	U, D	<3.59	U, D	<3.71	U, D
Total Xylenes	0.26	2.15		1.99				0.418		3.524	,	1.799				1.354			•

	CP-51 SOIL								Sam	ple ID							
Canal Pile	CLEANUP LEVEL	S1(1-6)	S1(6-12)	S2(1-6)	S2(6-12)	S3(1-6)	S3(6-12)	S4(1-6)	S4(6-12)	S5(1-6)	S5(6-12)	S5(6-12) RE1	S6(1-5)	S6(5-10)	S7(1-5)	S8(1-8)	S9(1-8)
SVOCs by SW846 8270D	LEVEL	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013
Carbazole		<0.204 U	<0.245 U	<0.999 U, D	<0.428 U, D	<1.12 U, D	<1.07 U, D	<0.422 U, D	1.98 J, D	<1.07 U, D	3.81 D	4.14 J, D	<2.01 U, D	<2.01 U, D	<0.192 U	<1.96 U, D	<0.995 U, D
Naphthalene	12.0	0.136 J	<0.245 U	0.430 J, D	0.172 J, D	<1.12 U, D	<1.07 U, D	0.238 J, D	1.35 J, D	0.458 J, D	0.593 J, D	<5.07 U, D	0.689 J, D	0.744 J, D	<0.192 U	<1.96 U, D	0.355 J, D
2-Methylnaphthalene		0.156 J	<0.245 U	0.421 J, D	0.222 J, D	<1.12 U, D	<1.07 U, D	0.182 J, D	0.721 J, D	0.687 J, D	0.979 J, D	<5.07 U, D	0.597 J, D	0.643 J, D	0.0698 J	<1.96 U, D	0.314 J, D
Acenaphthylene	100	<0.204 U	<0.245 U	<0.999 U, D	<0.428 U, D	<1.12 U, D	<1.07 U, D	0.212 J, D	<2.21 U, D	0.574 J, D	0.882 J, D	<5.07 U, D	0.565 J, D	<2.01 U, D	<0.192 U	<1.96 U, D	0.459 J, D
Acenaphthene	20	<0.204 U	<0.245 U	<0.999 U, D	<0.428 U, D	<1.12 U, D	<1.07 U, D	<0.422 U, D	2.54 D	<1.07 U, D	4.20 D	4.33 J, D	<2.01 U, D	<2.01 U, D	<0.192 U	<1.96 U, D	<0.995 U, D
Dibenzofuran		<0.204 U	<0.245 U	<0.999 U, D	<0.428 U, D	<1.12 U, D	<1.07 U, D	<0.422 U, D	0.968 J, D	<1.07 U, D	2.25 D	2.47 J, D	<2.01 U, D	<2.01 U, D	<0.192 U	<1.96 U, D	<0.995 U, D
Fluorene	100	<0.204 U	<0.245 U	<0.999 U, D	<0.428 U, D	<1.12 U, D	<1.07 U, D	0.121 J, D	1.74 J, D	<1.07 U, D	4.66 D	5.09 D	<2.01 U, D	<2.01 U, D	<0.192 U	<1.96 U, D	<0.995 U, D
1-Methylnaphthalene		0.110 J	<0.245 U	0.432 J, D	0.260 J, D	<1.12 U, D	<1.07 U, D	<0.422 U, D	<2.21 U, D	0.518 J, D	0.959 J, D	<5.07 U, D	<2.01 U, D	<2.01 U, D	0.0671 J	<1.96 U, D	<0.995 U, D
Phenanthrene	100	0.129 J	<0.245 U	0.429 J, D	0.213 J, D	<1.12 U, D	0.907 J, D	0.603 D	11.3 D	0.838 J, D	30.0 D, E	32.4 D	1.47 J, D	1.13 J, D	0.0970 J	1.04 J, D	1.81 D
Anthracene	100	<0.204 U	<0.245 U	<0.999 U, D	<0.428 U, D	<1.12 U, D	<1.07 U, D	0.288 J, D	3.69 D	0.544 J, D	8.96 D	9.43 D	0.621 J, D	0.539 J, D	<0.192 U	<1.96 U, D	0.856 J, D
Fluoranthene	100	0.287	0.0708 J	0.530 J, D	0.238 J, D	0.619 J, D	1.95 D	1.38 D	17.0 D	4.12 D	36.8 D, E	39.5 D	3.98 D	3.35 D	<0.192 U	3.34 D	6.47 D
Pyrene	100	0.280	0.0737 J	0.550 J, D	0.272 J, D	0.646 J, D	1.83 D	1.34 D	15.3 D	3.80 D	29.7 D, E	28.7 D	3.17 D	2.67 D	0.0537 J	2.70 D	5.11 D
Benzo (a) anthracene	1.0	0.178 J	<0.245 U	0.285 J, D	0.155 J, D	0.403 J, D	0.836 J, D	<b>1.01</b> D	<b>10.4</b> D	<b>2.97</b> D	<b>15.4</b> D	<b>16.8</b> D	<b>2.76</b> D	<b>2.34</b> D	<0.192 U	<b>2.17</b> D	<b>3.58</b> D
Chrysene	1.0	0.214	<0.245 U	0.351 J, D	0.197 J, D	0.436 J, D	0.894 J, D	0.915 D	<b>9.53</b> D	<b>2.73</b> D	<b>15.1</b> D	<b>16.0</b> D	<b>2.52</b> D	<b>2.23</b> D	<0.192 U	<b>2.03</b> D	<b>3.20</b> D
Benzo (b) fluoranthene	1.0	0.174 J	0.0659 J	0.349 J, D	0.172 J, D	0.392 J, D	0.862 J, D	0.927 D	<b>8.03</b> D	<b>2.70</b> D	<b>13.9</b> D	<b>11.0</b> D	<b>2.16</b> D	<b>2.18</b> D	<0.192 U	<b>1.92</b> J, D	<b>2.65</b> D
Benzo (k) fluoranthene	0.8	0.203 J	<0.245 U	<0.999 U, D	<b>0.151</b> J, D	0.456 J, D	0.654 J, D	<b>0.960</b> D	<b>9.46</b> D	<b>3.00</b> D	<b>7.92</b> D	<b>11.2</b> D	<b>2.50</b> D	<b>1.98</b> J, D	<0.192 U	<b>1.63</b> J, D	<b>2.82</b> D
Benzo (a) pyrene	1.0	0.207	<0.245 U	0.297 J, D	0.189 J, D	0.398 J, D	0.714 J, D	<b>1.03</b> D	<b>10.0</b> D	<b>3.16</b> D	<b>11.3</b> D	<b>11.8</b> D	<b>2.80</b> D	<b>2.46</b> D	<0.192 U	<b>2.11</b> D	<b>3.17</b> D
Indeno (1,2,3-cd) pyrene	0.5	0.138 J	<0.245 U	<0.999 U, D	<0.428 U, D	<1.12 U, D	0.324 J, D	<b>0.534</b> D	<b>4.88</b> D	<b>1.64</b> D	<b>4.69</b> D	<b>5.42</b> D	<b>1.70</b> J, D	<b>1.54</b> J, D	<0.192 U	<b>1.32</b> J, D	<b>1.76</b> D
Dibenzo (a,h) anthracene	0.33	<0.204 U	<0.245 U	<0.999 U, D	<0.428 U, D	<1.12 U, D	<1.07 U, D	0.162 J, D	<b>1.46</b> J, D	<b>0.414</b> J, D	<b>1.41</b> D	<b>1.53</b> J, D	<2.01 U, D	<2.01 U, D	<0.192 U	<1.96 U, D	<b>0.455</b> J, D
Benzo (g,h,i) perylene	100	0.138 J	<0.245 U	<0.999 U, D	<0.428 U, D	<1.12 U, D	<1.07 U, D	0.440 D	3.89 D	1.29 D	3.58 D	4.29 J, D	1.41 J, D	1.23 J, D	<0.192 U	1.08 J, D	1.45 D

#### NOTES:

- 1. Samples were collected by Spectra and submitted to Spectrum Analytical for analysis of total metals.
- 2. Data shown in **bold red** exceeds NYSDEC CP-51 Soil Cleanup Objectives Unrestricted Residential Use Criteria
- 3. <0.457 U: Analyte was not detected. The number following the 'less than' (<) is the associated reporting limit.
- 4. All units in mg/kg or ppm.

#### Data Qualifiers

- 5. J: Indicates an estimated value less than the reporting limit.
- 6. D: Compound quantified using secondary dilution.

1 of 1 3/5/2014

# New York State Department of Environmental Conservation

Regional Engineer, Region 7

615 Erie Boulevard West, Syracuse, New York 13204-2400

Phone: (315) 426-7403 • Fax: (315) 426-7408

Website: www.dec.ny.gov



April 16, 2014

David Aitken
Destiny USA
4 Clinton Square
Syracuse, NY 13202

Dear Mr. Aitken:

The New York State Department of Environmental Conservation (Department) has reviewed the following documents:

- 1. Site 3 Soil Management Plan, Destiny USA, Syracuse, NY( received March 21, 2014);
- Sites 8 and 9 Soil Management Plan, Destiny USA, Syracuse, NY( received March 11, 2014); and
- 3. Emerald Point and COR Soil Management Plan, Destiny USA, Syracuse, NY (received March 21, 2014).

All documents were prepared by Spectra Environmental Group, Inc. and submitted to the Department on behalf of Destiny USA.

The Department approves these documents with the following conditions:

- There shall be no nuisance conditions from soil handling, management, transport, or treatment activities associated with work related to the above plans or the Beneficial Use Determination.
- 2. Site 3 will have a restriction placed on its deed that restricts the use of site groundwater for any purpose. This restriction will be in place within 30 days of receipt of this letter. A copy of the deed shall be provided to me within 45 days of the receipt of this letter.
- 3. The Department may require additional groundwater monitoring beyond 2016 depending on results provided between now and then. All groundwater monitoring wells associated with this site and depicted in the soil management plan shall remain operable and intact until the Department determines they can be properly closed.
- 4. The Site 3 Soil Management Plan amends Appendix B of the Emerald Point, Inc. Agreement, Case No. D7-01-00100.
- 5. Destiny provides 14 days notice to the Department advising when Site 3 will be ready to accept soil from the former Emerald Point site which is currently stored at the Inner Harbor. Treatment shall begin within 15 days after receiving this soil.

- Biotreatment of soil currently stored on Site 3 (Emerald Point soil) shall commence within 60 days of receipt of this letter unless the Department agrees in writing to an extension.
- 7. The Site 3 Soil Management Plan for the Emerald Point soils clearly states "No spreading, grading, covering, or any other management of these soils will occur until NYSDEC has determined, in writing, that these soils have been remediated for their next use." If soils are not remediated to the satisfaction of the Department, it may be necessary to further process or treat at the discretion of the Department. Furthermore, should the Department determine that additional processing or treatment is not beneficial, it may be necessary to remove some portion or all of these soils for off-site disposal.
- 8. Destiny agrees not to pursue, request or claim any Brownfield Cleanup Program tax credits for work relating to these soil management plans. Consistent with the Emerald Point Consent Order, Destiny and its successors and assigns hereby waive any right they had, have, or may have to make a claim against the Department and the Spill Fund pursuant to Article 12 of the Navigation Law with respect to the Excavated Soils, and hereby release the Spill Fund from any and all legal or equitable claims, suits, causes of action, or demands whatsoever that any of same had, has or may have as a result of (EPI) Destiny entering into or fulfilling the items of the approved work plans.

Should Destiny USA agree with these conditions, you may proceed with implementation of these soil management plans. Should you have any concerns, questions or reservations about this conditional approval, please contact me before you begin to move, treat, manage, or handle any soil associated with these activities.

The Petition for Beneficial Use Determination has been reviewed by additional Department staff. You will receive a separate letter discussing conditions that relate to the Department's decision on that petition.

Very truly yours,

Mary Jane Peachey, P.E.

May Jane Peachey

Regional Engineer

cc: K. Lynch

D. Brazell K. Cahill

K. Prather

S. Cook

R. LaFleur



October 7, 2015

Mr. Richard Brazell
NYS Department of Environmental Conservation
Region 7 Spill Engineer
615 Erie Boulevard West
Syracuse, New York 13204-2400

VIA E-mail

Re:

**Destiny USA Site 3 Soil Management Plan** 

**Windrow Sampling Results** 

Dear Mr. Brazell:

On behalf of Destiny USA LLC, Spectra Engineering, Architecture and Surveying, P.C. is submitting the Windrow Sampling Results from Site 3.

The Exceedance Table provided compared the results to the CP-51 soil cleanup objectives (unrestricted). In the interest of simplicity the table shows only includes SVOC results. All VOC results were either Non-Detect or detected values were below the CP-51 unrestricted criteria. Also attached is a complete copy of the laboratory report containing all sampling results along with a diagram identifying the sample locations.

The SVOC exceedances are minimal. The compounds in question are the typical recalcitrant PAHs which may or may not have a petroleum origin. These compounds are typical by-products of degradation including other benign products such as wood, leaves, etc.

With this submittal, and in accordance with the approved Soil Management Plan (SMP), Destiny is requesting an approval from your office of treatment acceptability. If approved, Destiny will terminate the windrowing and complete the SMP requirements which include:

- 1. Grade and compact the windrow piles;
- 2. Provide a one (1) foot final cover over the graded windrowed material;
- 3. Grade & Compact the final cover material; and
- 4. Hydro-seed the entirety of Site 3.

A timely decision from your office is appreciated as it is Destiny's desire to start early and take advantage of the remaining growing season.

This correspondence is being sent by email only. If you or anyone else at DEC desire a hard copy, one will be provided. Thank you for your help and cooperation. If you have any questions please call me at (518) 782-0882.

Very truly yours,

SPECTRA ENGINEERING, ARCHITECTURE

AND SURVEYING, P.C.

Frank R. Peduto, P.E. Project Manager

Attachments

cc w/ att.: D. Aitken, Destiny

FRP/em

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# Table 1: **Destiny USA** Windrow Sample Results (SVOCs) 9/28/15

SVOCs by 8270	CP-51	A1C 9/28/2015	B1C 9/28/2015	B2C 9/28/2015	C1C 9/28/2015	D1C 9/28/2015	D2C 9/28/2015	E1C 9/28/2015	F1C 9/28/2015	F2C 9/28/2015	G1C 9/28/2015	H1C 9/28/2015	H2C 9/28/2015
1,2,4,5-Tetrachlorobenzene		0.21 U			0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.22 U	0.21 U
1,2,4-Trichlorobenzene		0.21 U			0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.22 U	0.21 U
1,2-Dichlorobenzene		0.21 U			0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.22 U	0.21 U
1,3-Dichlorobenzene		0.21 U			0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.22 U	0.21 U
1,4-Dichlorobenzene		0.21 U		J 0.22 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.22 U	0.21 U
2.4-Dinitrotoluene		0.21 U			0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.22 U	0.21 U
2.6-Dinitrotoluene		0.21 U			0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.22 U	0.21 U
2-Chloronaphthalene		0.21 U			0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.22 U	0.21 U
2-Methylnaphthalene		0.51	0.42	0.53	0.3	0.46	0.29	0.25	0.22 J	0.42	0.27	0.66	0.68
2-Nitroaniline		0.21 U			0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.22 U	0.21 U
3,3'-Dichlorobenzidine		0.21 U			0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.22 U	0.21 U
3-Nitroaniline		0.21 U			0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.22 U	0.21 U
4-Bromophenyl phenyl ether		0.21 U			0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.22 U	0.21 U
4-Chloroaniline		0.21 U			0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.22 U	0.21 U
4-Chlorophenyl phenyl ether		0.21 U			0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.22 U	0.21 U
4-Nitroaniline		0.21 U		J 0.22 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.22 U	0.21 U
Acenaphthene	20	0.21		0.14 J	0.2 U	0.082 J	0.092 J	0.14 J	0.23	0.19 U	0.16	0.22 U	0.21 U
Acenaphthylene	100	0.48	0.14	0.26	0.38	0.34	0.092 3	0.14 5	0.27	0.34	0.39	0.17	0.17
Acetophenone	100	0.46 0.21 U			0.36 0.2 U	0.34 0.21 U	0.51 0.2 U	0.41 0.2 U	0.27 0.2 U	0.34 0.19 U	0.39 0.2 U	0.16 0.22 U	0.19 0.21 U
Anthracene	100	0.21	0.23	0.41	0.49	0.35	0.39	0.54	0.53	0.19 0	0.66	0.13	0.21
Benzo(a)anthracene	100	1.9	1.1	1.3	1.1	0.82	1.1	1.5	1.6	0.35	1.9	0.13	0.14
Benzo(a)antinacene Benzo(a)pyrene	1	1.5	0.96	1.6	1.1	0.82	1.1	1.5	1.6	1.2	1.7	0.34	0.36
\ /! 7				_									
Benzo(b)fluoranthene	100	<b>2</b> 0.87	<b>1.3</b> 0.56	1.5 1.3	1.4 0.81	<b>1.2</b> 0.66	1.7 0.88	<b>2.1</b> 0.98	<b>2.2</b> 0.94	1.6 0.84	<b>2.4</b> 0.99	0.55 0.29	0.5 0.28
Benzo(ghi)perylene													
Benzo(k)fluoranthene	8.0	0.7	0.49	0.41	0.56	0.39	0.52	0.65	0.69	0.52	0.84	0.18	0.17
Benzyl Alcohol		0.21 U			0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.22 U	0.21 U
Biphenyl		0.076 J			0.47 U	0.48 U	0.45 U	0.45 U	0.44 U	0.44 U	0.46 U	0.08 J	0.074 J
Bis(2-chloroethoxy)methane		0.23 U			0.22 U	0.23 U	0.21 U	0.21 U	0.21 U	0.21 U	0.22 U	0.23 U	0.22 U
Bis(2-chloroethyl)ether		0.19 U			0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.17 U	0.18 U	0.19 U	0.19 U
Bis(2-chloroisopropyl)ether		0.25 U			0.25 U	0.25 U	0.24 U	0.24 U	0.23 U	0.23 U	0.24 U	0.26 U	0.25 U
Bis(2-ethylhexyl)phthalate		0.21 U			0.083 J	0.18 J	0.056 J	0.091 J	0.16 J	0.087 J	0.06 J	0.22 U	0.21 U
Butyl benzyl phthalate		0.21 U			0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.22 U	0.21 U
Carbazole		0.37	0.1	0.22	0.11 J	0.092 J	0.11 J	0.14 J	0.15 J	0.12 J	0.18 J	0.048 J	0.21 U
Chrysene	1	1.9	1.2	1.2	1.1	0.86	1.1	1.4	1.5	1	1.7	0.38	0.36
Di-n-butylphthalate		0.21 U			0.2 U	0.051 J	0.2 U	0.2 U	0.062 J	0.19 U	0.2 U	0.22 U	0.21 U
Di-n-octylphthalate		0.21 U		J 0.22 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.22 U	0.21 U
Dibenzo(a,h)anthracene	0.33	0.25	0.17	0.24	0.21	0.18	0.22	0.29	0.26	0.22	0.3	0.079 J	0.084 J
Dibenzofuran		0.25		0.094 J	0.075 J	0.077 J	0.087 J	0.089 J	0.17 J	0.09 J	0.15 J	0.11 J	0.1 J
Diethyl phthalate		0.21 U			0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.22 U	0.21 U
Dimethyl phthalate		0.21 U		J 0.22 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.22 U	0.21 U
Fluoranthene	100	3.9	1.9	1.6	1.9	1.3	2	2.5	3	1.8	3.3	0.45	0.5
Fluorene	30	0.43		0.22 U	0.15 J	0.11 J	0.16 J	0.16 J	0.25	0.19 U	0.3	0.22 U	0.076 J
Hexachlorobenzene		0.13 U			0.12 U	0.13 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.13 U	0.12 U
Hexachlorobutadiene		0.21 U			0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.22 U	0.21 U
Hexachlorocyclopentadiene		0.6 U		J 0.63 U	0.59 U	0.6 U	0.57 U	0.56 U	0.56 U	0.55 U	0.57 U	0.62 U	0.6 U
Hexachloroethane		0.17 U		J 0.18 U	0.16 U	0.17 U	0.16 U	0.16 U	0.16 U	0.15 U	0.16 U	0.17 U	0.17 U
Indeno(1,2,3-cd)pyrene	0.5	0.98	0.61	1	0.88	0.71	1	1.2	1.2	0.98	1.2	0.31	0.31
Isophorone		0.19 U		J 0.2 U	0.18 U		0.18 U	0.18 U	0.18 U	0.17 U	0.18 U	0.19 U	0.19 U
n-Nitrosodi-n-propylamine		0.21 U		J 0.22 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.22 U	0.21 U
Naphthalene	12	0.58	0.42	0.52	0.31	0.44	0.3	0.25	0.23	0.4	0.3	0.47	0.52
NDPA/DPA		0.17 U		J 0.18 U	0.16 U	0.17 U	0.16 U	0.16 U	0.16 U	0.15 U	0.16 U	0.17 U	0.17 U
Nitrobenzene		0.19 U	0.2 l	J 0.2 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.17 U	0.18 U	0.19 U	0.19 U
Phenanthrene	100	2.8	1	1.3	1	0.7	1	1.2	1.6	0.96	2	0.36	0.37
Pyrene	100	3.2	1.6	2.6	1.6	1.1	1.7	2.2	2.4	1.5	2.8	0.45	0.46

Notes:

- Samples collected by Sby Spectra and submitted to Alpha Analytical for analysis.
   Bold Red = Exceedance of CP-51 Soil Cleanup objective.
   U = Analyte was not detected. The number preceding the 'U' is the associated reported detection limit.
   J = 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
   All results in ppm (mg/Kg)

1 of 1 10/1/2015



#### ANALYTICAL REPORT

Lab Number: L1524253

Client: Spectra Environmental Group

19 British American Blvd.

Latham, NY 12110

ATTN: Frank Peduto
Phone: (518) 782-0882

Project Name: DESTINY

Project Number: 15151 Report Date: 09/30/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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



Project Name: DESTINY
Project Number: 15151

 Lab Number:
 L1524253

 Report Date:
 09/30/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1524253-01	A1	SOIL	SYRACUSE, NY	09/28/15 09:30	09/28/15
L1524253-02	A1C	SOIL	SYRACUSE, NY	09/28/15 10:20	09/28/15
L1524253-03	A2	SOIL	SYRACUSE, NY	09/28/15 10:10	09/28/15
L1524253-04	A3	SOIL	SYRACUSE, NY	09/28/15 10:30	09/28/15
L1524253-05	B1	SOIL	SYRACUSE, NY	09/28/15 10:40	09/28/15
L1524253-06	B1C	SOIL	SYRACUSE, NY	09/28/15 11:00	09/28/15
L1524253-07	B2	SOIL	SYRACUSE, NY	09/28/15 11:05	09/28/15
L1524253-08	B2C	SOIL	SYRACUSE, NY	09/28/15 11:10	09/28/15
L1524253-09	В3	SOIL	SYRACUSE, NY	09/28/15 11:15	09/28/15
L1524253-10	B4	SOIL	SYRACUSE, NY	09/28/15 11:30	09/28/15
L1524253-11	C1	SOIL	SYRACUSE, NY	09/28/15 11:40	09/28/15
L1524253-12	C1C	SOIL	SYRACUSE, NY	09/28/15 11:50	09/28/15
L1524253-13	C2	SOIL	SYRACUSE, NY	09/28/15 11:45	09/28/15
L1524253-14	C3	SOIL	SYRACUSE, NY	09/28/15 12:05	09/28/15
L1524253-15	D1	SOIL	SYRACUSE, NY	09/28/15 12:40	09/28/15
L1524253-16	D1C	SOIL	SYRACUSE, NY	09/28/15 12:45	09/28/15
L1524253-17	D2	SOIL	SYRACUSE, NY	09/28/15 12:50	09/28/15
L1524253-18	D2C	SOIL	SYRACUSE, NY	09/28/15 12:52	09/28/15
L1524253-19	D3	SOIL	SYRACUSE, NY	09/28/15 13:15	09/28/15
L1524253-20	E1	SOIL	SYRACUSE, NY	09/28/15 12:55	09/28/15
L1524253-21	E1C	SOIL	SYRACUSE, NY	09/28/15 13:05	09/28/15
L1524253-22	E2	SOIL	SYRACUSE, NY	09/28/15 13:00	09/28/15
L1524253-23	E3	SOIL	SYRACUSE, NY	09/28/15 13:20	09/28/15
Page 4295124	E4	SOIL	SYRACUSE, NY	09/28/15 13:25	09/28/15



Alpha			Sample	Serial_No <b>Collection</b>	o:09301517:03
Sample ID	Client ID	Matrix	Location	Date/Time	Receive Date
L1524253-25	F1	SOIL	SYRACUSE, NY	09/28/15 13:30	09/28/15
L1524253-26	F1C	SOIL	SYRACUSE, NY	09/28/15 13:35	09/28/15
L1524253-27	F2	SOIL	SYRACUSE, NY	09/28/15 13:40	09/28/15
L1524253-28	F2C	SOIL	SYRACUSE, NY	09/28/15 13:45	09/28/15
L1524253-29	F3	SOIL	SYRACUSE, NY	09/28/15 13:50	09/28/15
L1524253-30	G1	SOIL	SYRACUSE, NY	09/28/15 13:52	09/28/15
L1524253-31	G1C	SOIL	SYRACUSE, NY	09/28/15 14:05	09/28/15
L1524253-32	G2	SOIL	SYRACUSE, NY	09/28/15 13:55	09/28/15
L1524253-33	G3	SOIL	SYRACUSE, NY	09/28/15 14:00	09/28/15
L1524253-34	H1	SOIL	SYRACUSE, NY	09/28/15 14:10	09/28/15
L1524253-35	H1C	SOIL	SYRACUSE, NY	09/28/15 14:25	09/28/15
L1524253-36	H2	SOIL	SYRACUSE, NY	09/28/15 14:15	09/28/15
L1524253-37	H2C	SOIL	SYRACUSE, NY	09/28/15 14:30	09/28/15
L1524253-38	H3	SOIL	SYRACUSE, NY	09/28/15 14:20	09/28/15
L1524253-39	H4	SOIL	SYRACUSE, NY	09/28/15 14:23	09/28/15



Project Name:DESTINYLab Number:L1524253Project Number:15151Report Date:09/30/15

#### **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 all of the requirements of NELAC, for all NELAC accredited parameters. 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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

#### **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 Client Service Representative 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	Client	Services	at 800-	624-9220	with a	nv c	uestions.
	contact	0110110	00111000	at ooo	02 . 0220	with a	., .	14000.00.10.



Project Name:DESTINYLab Number:L1524253Project Number:15151Report Date:09/30/15

#### **Case Narrative (continued)**

Report Submission

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

## Semivolatile Organics

The WG825824-2/-3 LCS/LCSD recoveries, associated with L1524253-02,-06,-08,-12,-16,-18,-21,-26,-28,-31,-35, and -37, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

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:

Title: Technical Director/Representative Date: 09/30/15

King L. Wisters Lisa Westerlind

ALPHA

# **ORGANICS**



# **VOLATILES**



Date Received:

Field Prep:

RL

MDL

L1524253

09/28/15

Not Specified

**Dilution Factor** 

Project Name: DESTINY Lab Number:

Result

Project Number: 15151 Report Date: 09/30/15

SAMPLE RESULTS

Lab ID: L1524253-01 Date Collected: 09/28/15 09:30

Client ID: A1

Sample Location: SYRACUSE, NY

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/29/15 14:11

Analyst: BN Percent Solids: 75%

**Parameter** 

Parameter	Result	Qualifier Units	KL.	MIDL	Dilution Factor	
Volatile Organics by GC/MS - Wes	stborough Lab					
Methylene chloride	ND	ug/kg	13	1.5	1	
1,1-Dichloroethane	ND	ug/kg	2.0	0.11	1	
Chloroform	ND	ug/kg	2.0	0.49	1	
Carbon tetrachloride	ND	ug/kg	1.3	0.28	1	
1,2-Dichloropropane	ND	ug/kg	4.6	0.30	1	
Dibromochloromethane	ND	ug/kg	1.3	0.20	1	
1,1,2-Trichloroethane	ND	ug/kg	2.0	0.40	1	
Tetrachloroethene	ND	ug/kg	1.3	0.19	1	
Chlorobenzene	ND	ug/kg	1.3	0.46	1	
Trichlorofluoromethane	ND	ug/kg	6.6	0.52	1	
1,2-Dichloroethane	ND	ug/kg	1.3	0.15	1	
1,1,1-Trichloroethane	ND	ug/kg	1.3	0.15	1	
Bromodichloromethane	ND	ug/kg	1.3	0.23	1	
trans-1,3-Dichloropropene	ND	ug/kg	1.3	0.16	1	
cis-1,3-Dichloropropene	ND	ug/kg	1.3	0.16	1	
Bromoform	ND	ug/kg	5.3	0.31	1	
1,1,2,2-Tetrachloroethane	ND	ug/kg	1.3	0.13	1	
Benzene	ND	ug/kg	1.3	0.16	1	
Toluene	ND	ug/kg	2.0	0.26	1	
Ethylbenzene	ND	ug/kg	1.3	0.17	1	
Chloromethane	ND	ug/kg	6.6	0.39	1	
Bromomethane	ND	ug/kg	2.6	0.45	1	
Vinyl chloride	ND	ug/kg	2.6	0.16	1	
Chloroethane	ND	ug/kg	2.6	0.42	1	
1,1-Dichloroethene	ND	ug/kg	1.3	0.35	1	
trans-1,2-Dichloroethene	ND	ug/kg	2.0	0.28	1	
Trichloroethene	ND	ug/kg	1.3	0.17	1	
1,2-Dichlorobenzene	ND	ug/kg	6.6	0.20	1	
1,3-Dichlorobenzene	ND	ug/kg	6.6	0.18	1	
1,4-Dichlorobenzene	ND	ug/kg	6.6	0.18	1	

Qualifier

Units



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-01 Date Collected: 09/28/15 09:30

Client ID: A1 Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

**Parameter** Result Qualifier Units RLMDL **Dilution Factor** Volatile Organics by GC/MS - Westborough Lab Methyl tert butyl ether ND 2.6 0.11 ug/kg 1 p/m-Xylene ND ug/kg 2.6 0.26 1 o-Xylene ND 2.6 0.23 1 ug/kg cis-1,2-Dichloroethene ND 1.3 0.19 1 ug/kg Styrene ND 2.6 0.53 1 ug/kg Dichlorodifluoromethane ND 0.25 1 13 ug/kg ND Acetone 13 1.4 1 ug/kg Carbon disulfide ND 13 1.5 1 ug/kg ND 2-Butanone ug/kg 13 0.36 1 4-Methyl-2-pentanone ND 13 0.32 1 ug/kg ND 2-Hexanone ug/kg 13 88.0 1 Bromochloromethane ND 6.6 0.37 1 ug/kg 1,2-Dibromoethane ND 5.3 0.23 1 ug/kg ND 6.6 0.53 1 1,2-Dibromo-3-chloropropane ug/kg Isopropylbenzene ND 1.3 0.14 1 ug/kg 1,2,3-Trichlorobenzene ND 6.6 0.20 1 ug/kg ND 1,2,4-Trichlorobenzene 6.6 0.24 1 ug/kg Methyl Acetate ND 26 0.36 1 ug/kg Cyclohexane ND 26 0.19 1 ug/kg 1,4-Dioxane ND 130 19. 1 ug/kg Freon-113 ND 26 0.36 1 ug/kg

ug/kg

5.3

0.20

			Acceptance	
Surrogate	% Recovery	Qualifier	Criteria	
1,2-Dichloroethane-d4	104		70-130	
Toluene-d8	93		70-130	
4-Bromofluorobenzene	102		70-130	
Dibromofluoromethane	106		70-130	

ND



1

Methyl cyclohexane

**Project Name: DESTINY** 

**Project Number:** 15151

**SAMPLE RESULTS** 

L1524253

Lab Number:

Report Date: 09/30/15

Lab ID: L1524253-03

Client ID: A2

Sample Location: SYRACUSE, NY

Matrix: Soil Analytical Method: 1,8260C

Analytical Date: 09/29/15 14:38

Analyst: ΒN 75% Percent Solids:

Date Collected:	09/28/15 10:10
Date Received:	09/28/15
Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - We	stborough Lab					
Methylene chloride	ND		ug/kg	13	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.11	1
Chloroform	ND		ug/kg	2.0	0.49	1
Carbon tetrachloride	ND		ug/kg	1.3	0.28	1
1,2-Dichloropropane	ND		ug/kg	4.6	0.30	1
Dibromochloromethane	ND		ug/kg	1.3	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.40	1
Tetrachloroethene	ND		ug/kg	1.3	0.19	1
Chlorobenzene	ND		ug/kg	1.3	0.46	1
Trichlorofluoromethane	ND		ug/kg	6.6	0.52	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.15	1
Bromodichloromethane	ND		ug/kg	1.3	0.23	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
Bromoform	ND		ug/kg	5.3	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.13	1
Benzene	ND		ug/kg	1.3	0.16	1
Toluene	ND		ug/kg	2.0	0.26	1
Ethylbenzene	ND		ug/kg	1.3	0.17	1
Chloromethane	ND		ug/kg	6.6	0.39	1
Bromomethane	ND		ug/kg	2.6	0.45	1
Vinyl chloride	ND		ug/kg	2.6	0.16	1
Chloroethane	ND		ug/kg	2.6	0.42	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.28	1
Trichloroethene	ND		ug/kg	1.3	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	6.6	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	6.6	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	6.6	0.18	1



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-03 Date Collected: 09/28/15 10:10

Client ID: A2 Date Received: 09/28/15 Sample Location: SYRACUSE, NY Field Prep: Not Specified

•					•	•	
Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - West	tborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.6	0.11	1	
· · ·	ND			2.6	0.26	1	
p/m-Xylene			ug/kg				
o-Xylene	ND		ug/kg	2.6	0.23	1	
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.19	1	
Styrene	ND		ug/kg	2.6	0.53	1	
Dichlorodifluoromethane	ND		ug/kg	13	0.25	1	
Acetone	ND		ug/kg	13	1.4	1	
Carbon disulfide	ND		ug/kg	13	1.5	1	
2-Butanone	ND		ug/kg	13	0.36	1	
4-Methyl-2-pentanone	ND		ug/kg	13	0.32	1	
2-Hexanone	ND		ug/kg	13	0.88	1	
Bromochloromethane	ND		ug/kg	6.6	0.37	1	
1,2-Dibromoethane	ND		ug/kg	5.3	0.23	1	
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.6	0.53	1	
Isopropylbenzene	ND		ug/kg	1.3	0.14	1	
1,2,3-Trichlorobenzene	ND		ug/kg	6.6	0.20	1	
1,2,4-Trichlorobenzene	ND		ug/kg	6.6	0.24	1	
Methyl Acetate	ND		ug/kg	26	0.36	1	
Cyclohexane	ND		ug/kg	26	0.19	1	
1,4-Dioxane	ND		ug/kg	130	19.	1	
Freon-113	ND		ug/kg	26	0.36	1	
Methyl cyclohexane	ND		ug/kg	5.3	0.20	1	

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
1,2-Dichloroethane-d4	107		70-130	
Toluene-d8	95		70-130	
4-Bromofluorobenzene	103		70-130	
Dibromofluoromethane	109		70-130	



L1524253

Not Specified

**Project Name:** Lab Number: **DESTINY** 

**Project Number:** 15151 Report Date:

09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-04

Client ID: А3

SYRACUSE, NY Sample Location:

Matrix: Soil Analytical Method: 1,8260C

Analytical Date: 09/29/15 15:05

Analyst: ΒN 79% Percent Solids:

Date Collected:	09/28/15 10:30
Date Received:	09/28/15

Field Prep:

Parameter	Result	Qualifier (	<b>Jnits</b>	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - We	estborough Lab					
Methylene chloride	ND	u	ıg/kg	12	1.4	1
1,1-Dichloroethane	ND	u	ıg/kg	1.9	0.11	1
Chloroform	ND	u	ıg/kg	1.9	0.46	1
Carbon tetrachloride	ND	u	ıg/kg	1.2	0.26	1
1,2-Dichloropropane	ND	u	ıg/kg	4.4	0.29	1
Dibromochloromethane	ND	u	ıg/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND	u	ıg/kg	1.9	0.38	1
Tetrachloroethene	ND	u	ıg/kg	1.2	0.18	1
Chlorobenzene	ND	u	ıg/kg	1.2	0.44	1
Trichlorofluoromethane	ND	u	ıg/kg	6.3	0.49	1
1,2-Dichloroethane	ND	u	ıg/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND	u	ıg/kg	1.2	0.14	1
Bromodichloromethane	ND	u	ıg/kg	1.2	0.22	1
trans-1,3-Dichloropropene	ND	u	ıg/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND	u	ıg/kg	1.2	0.15	1
Bromoform	ND	u	ıg/kg	5.0	0.30	1
1,1,2,2-Tetrachloroethane	ND	u	ıg/kg	1.2	0.13	1
Benzene	ND	u	ıg/kg	1.2	0.15	1
Toluene	ND	u	ıg/kg	1.9	0.24	1
Ethylbenzene	ND	u	ıg/kg	1.2	0.16	1
Chloromethane	ND	u	ıg/kg	6.3	0.37	1
Bromomethane	ND	u	ıg/kg	2.5	0.42	1
Vinyl chloride	ND	u	ıg/kg	2.5	0.15	1
Chloroethane	ND	u	ıg/kg	2.5	0.40	1
1,1-Dichloroethene	ND	u	ıg/kg	1.2	0.33	1
trans-1,2-Dichloroethene	ND	u	ıg/kg	1.9	0.27	1
Trichloroethene	ND	u	ıg/kg	1.2	0.16	1
1,2-Dichlorobenzene	ND	u	ıg/kg	6.3	0.19	1
1,3-Dichlorobenzene	ND	u	ıg/kg	6.3	0.17	1
1,4-Dichlorobenzene	ND	u	ıg/kg	6.3	0.17	1



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-04 Date Collected: 09/28/15 10:30

Client ID: A3 Date Received: 09/28/15 Sample Location: SYRACUSE, NY Field Prep: Not Specified

,					•	•	
Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - Westbo	orough Lab						
Methyl tert butyl ether	ND		ug/kg	2.5	0.11	1	
p/m-Xylene	ND		ug/kg	2.5	0.25	1	
o-Xylene	ND		ug/kg	2.5	0.22	1	
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.18	1	
Styrene	ND		ug/kg	2.5	0.51	1	
Dichlorodifluoromethane	ND		ug/kg	12	0.24	1	
Acetone	ND		ug/kg	12	1.3	1	
Carbon disulfide	ND		ug/kg	12	1.4	1	
2-Butanone	ND		ug/kg	12	0.34	1	
4-Methyl-2-pentanone	ND		ug/kg	12	0.31	1	
2-Hexanone	ND		ug/kg	12	0.84	1	
Bromochloromethane	ND		ug/kg	6.3	0.35	1	
1,2-Dibromoethane	ND		ug/kg	5.0	0.22	1	
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.3	0.50	1	
Isopropylbenzene	ND		ug/kg	1.2	0.13	1	
1,2,3-Trichlorobenzene	ND		ug/kg	6.3	0.18	1	
1,2,4-Trichlorobenzene	ND		ug/kg	6.3	0.23	1	
Methyl Acetate	ND		ug/kg	25	0.34	1	
Cyclohexane	ND		ug/kg	25	0.18	1	
1,4-Dioxane	ND		ug/kg	120	18.	1	
Freon-113	ND		ug/kg	25	0.34	1	
Methyl cyclohexane	ND		ug/kg	5.0	0.19	1	



**Project Name: DESTINY** 

**Project Number:** 15151

**SAMPLE RESULTS** 

L1524253

Lab Number:

Report Date: 09/30/15

Result

Lab ID: L1524253-05

Client ID: В1

Sample Location: SYRACUSE, NY

Matrix: Soil Analytical Method: 1,8260C Analytical Date: 09/29/15 15:32

Analyst: ΒN 76% Percent Solids:

**Parameter** 

Date Collected:	09/28/15 10:40
Date Received:	09/28/15
Field Prep:	Not Specified

MDL

**Dilution Factor** 

Volatile Organics by GC/MS - Westb	orough Lab					
Methylene chloride	ND	ug/kg	13	1.5	1	
1,1-Dichloroethane	ND	ug/kg	2.0	0.11	1	
Chloroform	ND	ug/kg	2.0	0.49	1	
Carbon tetrachloride	ND	ug/kg	1.3	0.28	1	
1,2-Dichloropropane	ND	ug/kg	4.6	0.30	1	
Dibromochloromethane	ND	ug/kg	1.3	0.20	1	
1,1,2-Trichloroethane	ND	ug/kg	2.0	0.40	1	
Tetrachloroethene	ND	ug/kg	1.3	0.18	1	
Chlorobenzene	ND	ug/kg	1.3	0.46	1	
Trichlorofluoromethane	ND	ug/kg	6.6	0.51	1	
1,2-Dichloroethane	ND	ug/kg	1.3	0.15	1	
1,1,1-Trichloroethane	ND	ug/kg	1.3	0.15	1	
Bromodichloromethane	ND	ug/kg	1.3	0.23	1	
trans-1,3-Dichloropropene	ND	ug/kg	1.3	0.16	1	
cis-1,3-Dichloropropene	ND	ug/kg	1.3	0.16	1	
Bromoform	ND	ug/kg	5.3	0.31	1	
1,1,2,2-Tetrachloroethane	ND	ug/kg	1.3	0.13	1	
Benzene	ND	ug/kg	1.3	0.16	1	
Toluene	ND	ug/kg	2.0	0.26	1	
Ethylbenzene	ND	ug/kg	1.3	0.17	1	
Chloromethane	ND	ug/kg	6.6	0.39	1	
Bromomethane	ND	ug/kg	2.6	0.45	1	
Vinyl chloride	ND	ug/kg	2.6	0.16	1	
Chloroethane	ND	ug/kg	2.6	0.42	1	
1,1-Dichloroethene	ND	ug/kg	1.3	0.35	1	
trans-1,2-Dichloroethene	ND	ug/kg	2.0	0.28	1	
Trichloroethene	ND	ug/kg	1.3	0.16	1	
1,2-Dichlorobenzene	ND	ug/kg	6.6	0.20	1	
1,3-Dichlorobenzene	ND	ug/kg	6.6	0.18	1	
1,4-Dichlorobenzene	ND	ug/kg	6.6	0.18	1	
		- 3- 3				

Qualifier

Units

RL



09/28/15 10:40

Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-05 Date Collected:

Client ID: B1 Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

**Parameter** Result Qualifier Units RLMDL **Dilution Factor** Volatile Organics by GC/MS - Westborough Lab Methyl tert butyl ether ND 2.6 0.11 ug/kg 1 p/m-Xylene ND ug/kg 2.6 0.26 1 o-Xylene ND 2.6 0.23 1 ug/kg cis-1,2-Dichloroethene ND 1.3 0.19 1 ug/kg Styrene ND 2.6 0.53 1 ug/kg Dichlorodifluoromethane ND 0.25 1 13 ug/kg ND Acetone 13 1.4 1 ug/kg Carbon disulfide ND 13 1 ug/kg 1.4 ND 2-Butanone ug/kg 13 0.36 1 4-Methyl-2-pentanone ND 13 0.32 1 ug/kg ND 0.88 2-Hexanone ug/kg 13 1 Bromochloromethane ND 6.6 0.36 1 ug/kg 1,2-Dibromoethane ND 5.3 0.23 1 ug/kg ND 6.6 0.52 1 1,2-Dibromo-3-chloropropane ug/kg Isopropylbenzene ND 1.3 0.14 1 ug/kg 1,2,3-Trichlorobenzene ND 6.6 0.20 1 ug/kg ND 1,2,4-Trichlorobenzene 6.6 0.24 1 ug/kg Methyl Acetate ND 26 0.36 1 ug/kg Cyclohexane ND 26 0.19 1 ug/kg 1,4-Dioxane ND 130 19. 1 ug/kg Freon-113 ND 26 0.36 1 ug/kg Methyl cyclohexane ND ug/kg 5.3 0.20 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
1,2-Dichloroethane-d4	108		70-130	
Toluene-d8	93		70-130	
4-Bromofluorobenzene	105		70-130	
Dibromofluoromethane	109		70-130	



L1524253

**Dilution Factor** 

Project Name: DESTINY

Lab Number:

Qualifier

Units

RL

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-07 Date Collected: 09/28/15 11:05

Result

Client ID: B2

Sample Location: SYRACUSE, NY

Matrix: Soil
Analytical Method: 1,8260C

Analytical Date: 09/29/15 15:59

Analyst: BN Percent Solids: 75%

**Parameter** 

Date Collected:	09/28/15 11:05
Date Received:	09/28/15
Field Prep:	Not Specified

MDL

Volatile Organics by GC/MS - Westb	orough Lab					
Methylene chloride	ND	ug/kg	13	1.5	1	
1,1-Dichloroethane	ND	ug/kg	2.0	0.11	1	
Chloroform	ND	ug/kg	2.0	0.49	1	
Carbon tetrachloride	ND	ug/kg	1.3	0.28	1	
1,2-Dichloropropane	ND	ug/kg	4.6	0.30	1	
Dibromochloromethane	ND	ug/kg	1.3	0.20	1	
1,1,2-Trichloroethane	ND	ug/kg	2.0	0.40	1	
Tetrachloroethene	ND	ug/kg	1.3	0.19	1	
Chlorobenzene	ND	ug/kg	1.3	0.46	1	
Trichlorofluoromethane	ND	ug/kg	6.6	0.52	1	
1,2-Dichloroethane	ND	ug/kg	1.3	0.15	1	
1,1,1-Trichloroethane	ND	ug/kg	1.3	0.15	1	
Bromodichloromethane	ND	ug/kg	1.3	0.23	1	
trans-1,3-Dichloropropene	ND	ug/kg	1.3	0.16	1	
cis-1,3-Dichloropropene	ND	ug/kg	1.3	0.16	1	
Bromoform	ND	ug/kg	5.3	0.31	1	
1,1,2,2-Tetrachloroethane	ND	ug/kg	1.3	0.13	1	
Benzene	ND	ug/kg	1.3	0.16	1	
Toluene	ND	ug/kg	2.0	0.26	1	
Ethylbenzene	ND	ug/kg	1.3	0.17	1	
Chloromethane	ND	ug/kg	6.6	0.39	1	
Bromomethane	ND	ug/kg	2.6	0.45	1	
Vinyl chloride	ND	ug/kg	2.6	0.16	1	
Chloroethane	ND	ug/kg	2.6	0.42	1	
1,1-Dichloroethene	ND	ug/kg	1.3	0.35	1	
trans-1,2-Dichloroethene	ND	ug/kg	2.0	0.28	1	
Trichloroethene	ND	ug/kg	1.3	0.17	1	
1,2-Dichlorobenzene	ND	ug/kg	6.6	0.20	1	
1,3-Dichlorobenzene	ND	ug/kg	6.6	0.18	1	
1,4-Dichlorobenzene	ND	ug/kg	6.6	0.18	1	
		<u></u>				

09/28/15 11:05

Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-07 Date Collected:

Client ID: B2 Date Received: 09/28/15 Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - West	borough Lab						
Methyl tert butyl ether	ND		ug/kg	2.6	0.11	1	
p/m-Xylene	ND		ug/kg	2.6	0.26	1	
o-Xylene	ND		ug/kg	2.6	0.23	1	
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.19	1	
Styrene	ND		ug/kg	2.6	0.53	1	
Dichlorodifluoromethane	ND		ug/kg	13	0.25	1	
Acetone	ND		ug/kg	13	1.4	1	
Carbon disulfide	ND		ug/kg	13	1.5	1	
2-Butanone	ND		ug/kg	13	0.36	1	
4-Methyl-2-pentanone	ND		ug/kg	13	0.32	1	
2-Hexanone	ND		ug/kg	13	0.88	1	
Bromochloromethane	ND		ug/kg	6.6	0.37	1	
1,2-Dibromoethane	ND		ug/kg	5.3	0.23	1	
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.6	0.53	1	
Isopropylbenzene	ND		ug/kg	1.3	0.14	1	
1,2,3-Trichlorobenzene	ND		ug/kg	6.6	0.20	1	
1,2,4-Trichlorobenzene	ND		ug/kg	6.6	0.24	1	
Methyl Acetate	ND		ug/kg	26	0.36	1	
Cyclohexane	ND		ug/kg	26	0.19	1	
1,4-Dioxane	ND		ug/kg	130	19.	1	
Freon-113	ND		ug/kg	26	0.36	1	
Methyl cyclohexane	ND		ug/kg	5.3	0.20	1	

		Acceptance					
Surrogate	% Recovery	Qualifier	Criteria				
1,2-Dichloroethane-d4	108		70-130				
Toluene-d8	92		70-130				
4-Bromofluorobenzene	105		70-130				
Dibromofluoromethane	109		70-130				



L1524253

**Project Name:** Lab Number: **DESTINY** 

**Project Number:** Report Date: 15151 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-09 5

Client ID: В3

Sample Location: SYRACUSE, NY

Matrix: Soil Analytical Method: 1,8260C

Analytical Date: 09/29/15 16:26

Analyst: ΒN 71% Percent Solids:

Date Collected:	09/28/15 11:15
Date Received:	09/28/15
Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Wes	stborough Lab					
Methylene chloride	ND		ug/kg	14	1.6	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.12	1
Chloroform	ND		ug/kg	2.1	0.52	1
Carbon tetrachloride	ND		ug/kg	1.4	0.29	1
1,2-Dichloropropane	ND		ug/kg	4.9	0.32	1
Dibromochloromethane	ND		ug/kg	1.4	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.43	1
Tetrachloroethene	ND		ug/kg	1.4	0.20	1
Chlorobenzene	ND		ug/kg	1.4	0.49	1
Trichlorofluoromethane	ND		ug/kg	7.0	0.54	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.16	1
Bromodichloromethane	ND		ug/kg	1.4	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.17	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
Bromoform	ND		ug/kg	5.6	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.14	1
Benzene	ND		ug/kg	1.4	0.16	1
Toluene	ND		ug/kg	2.1	0.27	1
Ethylbenzene	ND		ug/kg	1.4	0.18	1
Chloromethane	ND		ug/kg	7.0	0.41	1
Bromomethane	ND		ug/kg	2.8	0.47	1
Vinyl chloride	ND		ug/kg	2.8	0.16	1
Chloroethane	ND		ug/kg	2.8	0.44	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.30	1
Trichloroethene	ND		ug/kg	1.4	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	7.0	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	7.0	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	7.0	0.19	1



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-09 Date Collected: 09/28/15 11:15

Client ID: B3 Date Received: 09/28/15 Sample Location: SYRACUSE, NY Field Prep: Not Specified

**Parameter** Result Qualifier Units RLMDL **Dilution Factor** Volatile Organics by GC/MS - Westborough Lab Methyl tert butyl ether ND 2.8 0.12 ug/kg 1 p/m-Xylene ND ug/kg 2.8 0.28 1 o-Xylene ND 2.8 0.24 1 ug/kg cis-1,2-Dichloroethene ND 1.4 0.20 1 ug/kg Styrene ND 2.8 0.56 1 ug/kg Dichlorodifluoromethane ND 0.27 1 14 ug/kg ND Acetone 14 1.4 1 ug/kg Carbon disulfide ND 14 1 ug/kg 1.5 ND 2-Butanone ug/kg 14 0.38 1 4-Methyl-2-pentanone ND 14 0.34 1 ug/kg ND 2-Hexanone ug/kg 14 0.94 1 Bromochloromethane ND 7.0 0.39 1 ug/kg 1,2-Dibromoethane ND 5.6 0.24 1 ug/kg ND 7.0 0.56 1 1,2-Dibromo-3-chloropropane ug/kg Isopropylbenzene ND 1.4 0.14 1 ug/kg 1,2,3-Trichlorobenzene ND 7.0 0.21 1 ug/kg ND 1,2,4-Trichlorobenzene 7.0 0.26 1 ug/kg Methyl Acetate ND 28 0.38 1 ug/kg Cyclohexane ND 28 0.20 1 ug/kg 1,4-Dioxane ND 140 20. 1 ug/kg Freon-113 ND 28 0.38 1 ug/kg Methyl cyclohexane ND ug/kg 5.6 0.22 1

% Recovery	Qualifier	Acceptance Criteria	
107		70-130	
93		70-130	
106		70-130	
109		70-130	
	107 93 106	107 93 106	% Recovery         Qualifier         Criteria           107         70-130           93         70-130           106         70-130

L1524253

**Project Name:** Lab Number: **DESTINY** 

**Project Number:** Report Date: 15151 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-10

Client ID: B4

Sample Location: SYRACUSE, NY

Matrix: Soil Analytical Method: 1,8260C Analytical Date: 09/29/15 16:54

Analyst: ΒN 73% Percent Solids:

Date Collected:	09/28/15 11:30
Date Received:	09/28/15
Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - West	borough Lab					
Methylene chloride	ND		ug/kg	14	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.12	1
Chloroform	ND		ug/kg	2.1	0.51	1
Carbon tetrachloride	ND		ug/kg	1.4	0.29	1
1,2-Dichloropropane	ND		ug/kg	4.8	0.31	1
Dibromochloromethane	ND		ug/kg	1.4	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.42	1
Tetrachloroethene	ND		ug/kg	1.4	0.19	1
Chlorobenzene	ND		ug/kg	1.4	0.48	1
Trichlorofluoromethane	ND		ug/kg	6.9	0.53	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.15	1
Bromodichloromethane	ND		ug/kg	1.4	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
Bromoform	ND		ug/kg	5.5	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.14	1
Benzene	ND		ug/kg	1.4	0.16	1
Toluene	ND		ug/kg	2.1	0.27	1
Ethylbenzene	ND		ug/kg	1.4	0.18	1
Chloromethane	ND		ug/kg	6.9	0.40	1
Bromomethane	ND		ug/kg	2.7	0.46	1
Vinyl chloride	ND		ug/kg	2.7	0.16	1
Chloroethane	ND		ug/kg	2.7	0.43	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.29	1
Trichloroethene	ND		ug/kg	1.4	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	6.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	6.9	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	6.9	0.19	1



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-10 Date Collected: 09/28/15 11:30

Client ID: B4 Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

**Parameter** Result Qualifier Units RLMDL **Dilution Factor** Volatile Organics by GC/MS - Westborough Lab Methyl tert butyl ether ND 2.7 0.12 ug/kg 1 p/m-Xylene ND ug/kg 2.7 0.27 1 o-Xylene ND 2.7 0.24 1 ug/kg cis-1,2-Dichloroethene ND 1.4 0.20 1 ug/kg Styrene ND 2.7 0.55 1 ug/kg Dichlorodifluoromethane ND 0.26 1 14 ug/kg ND Acetone 14 1.4 1 ug/kg Carbon disulfide ND 14 1 ug/kg 1.5 ND 2-Butanone ug/kg 14 0.37 1 4-Methyl-2-pentanone ND 14 0.34 1 ug/kg ND 2-Hexanone ug/kg 14 0.91 1 Bromochloromethane ND 6.9 0.38 1 ug/kg 1,2-Dibromoethane ND 5.5 0.24 1 ug/kg ND 6.9 0.54 1 1,2-Dibromo-3-chloropropane ug/kg Isopropylbenzene ND 1.4 0.14 1 ug/kg 1,2,3-Trichlorobenzene ND 6.9 0.20 1 ug/kg ND 1,2,4-Trichlorobenzene 6.9 0.25 1 ug/kg Methyl Acetate ND 27 0.37 1 ug/kg Cyclohexane ND 27 0.20 1 ug/kg

140

27

5.5

ug/kg

ug/kg

ug/kg

20.

0.38

0.21

1

1

1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
1,2-Dichloroethane-d4	108		70-130	
Toluene-d8	93		70-130	
4-Bromofluorobenzene	101		70-130	
Dibromofluoromethane	109		70-130	

ND

ND

ND



1,4-Dioxane

Methyl cyclohexane

Freon-113

L1524253

**Project Name:** Lab Number: **DESTINY** 

**Project Number:** Report Date: 15151 09/30/15

**SAMPLE RESULTS** 

09/28/15 11:40 Lab ID: L1524253-11

Client ID: C1

Sample Location: SYRACUSE, NY

Matrix: Soil Analytical Method: 1,8260C Analytical Date: 09/29/15 17:21

Analyst: ΒN 84% Percent Solids:

Date Collected:	09/28/15 11:40
Date Received:	09/28/15
Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - West	borough Lab					
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.44	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.1	0.27	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.36	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.41	1
Trichlorofluoromethane	ND		ug/kg	5.9	0.46	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.7	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	5.9	0.35	1
Bromomethane	ND		ug/kg	2.4	0.40	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.37	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.25	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	5.9	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	5.9	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	5.9	0.16	1



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-11 Date Collected: 09/28/15 11:40

Client ID: C1 Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

**Parameter** Result Qualifier Units RLMDL **Dilution Factor** Volatile Organics by GC/MS - Westborough Lab Methyl tert butyl ether ND 2.4 0.10 ug/kg 1 p/m-Xylene ND ug/kg 2.4 0.23 1 o-Xylene ND 2.4 0.20 1 ug/kg cis-1,2-Dichloroethene ND 1.2 0.17 1 ug/kg Styrene ND 2.4 0.48 1 ug/kg Dichlorodifluoromethane ND 0.23 1 12 ug/kg ND Acetone 12 1.2 1 ug/kg Carbon disulfide ND 12 1 ug/kg 1.3 ND 2-Butanone ug/kg 12 0.32 1 4-Methyl-2-pentanone ND 12 0.29 1 ug/kg ND 0.79 2-Hexanone ug/kg 12 1 Bromochloromethane ND 5.9 0.33 1 ug/kg 1,2-Dibromoethane ND 4.7 0.21 1 ug/kg ND 5.9 0.47 1 1,2-Dibromo-3-chloropropane ug/kg Isopropylbenzene ND 1.2 0.12 1 ug/kg 1,2,3-Trichlorobenzene ND 5.9 0.17 1 ug/kg ND 1,2,4-Trichlorobenzene 5.9 0.22 1 ug/kg Methyl Acetate ND 24 0.32 1 ug/kg Cyclohexane ND 24 0.17 1 ug/kg 1,4-Dioxane ND 120 17. 1 ug/kg Freon-113 ND 24 0.32 1 ug/kg Methyl cyclohexane ND ug/kg 4.7 0.18 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
1,2-Dichloroethane-d4	111		70-130	
Toluene-d8	92		70-130	
4-Bromofluorobenzene	102		70-130	
Dibromofluoromethane	110		70-130	



**Project Name: DESTINY** 

**Project Number:** 15151

**SAMPLE RESULTS** 

Lab Number: L1524253

Report Date: 09/30/15

Lab ID: L1524253-13

Result

Client ID: C2

Sample Location: SYRACUSE, NY

Matrix: Soil Analytical Method: 1,8260C

Analytical Date: 09/29/15 17:48

Analyst: ΒN 82% Percent Solids:

**Parameter** 

Date Collected:	09/28/15 11:45
Date Received:	09/28/15
Field Prep:	Not Specified

MDL

**Dilution Factor** 

Volatile Organics by GC/MS - We	stborough Lab					
Methylene chloride	ND	ug/kg	12	1.3	1	
1,1-Dichloroethane	ND	ug/kg	1.8	0.10	1	
Chloroform	ND	ug/kg	1.8	0.45	1	
Carbon tetrachloride	ND	ug/kg	1.2	0.26	1	
1,2-Dichloropropane	ND	ug/kg	4.2	0.28	1	
Dibromochloromethane	ND	ug/kg	1.2	0.19	1	
1,1,2-Trichloroethane	ND	ug/kg	1.8	0.37	1	
Tetrachloroethene	ND	ug/kg	1.2	0.17	1	
Chlorobenzene	ND	ug/kg	1.2	0.42	1	
Trichlorofluoromethane	ND	ug/kg	6.1	0.47	1	
1,2-Dichloroethane	ND	ug/kg	1.2	0.14	1	
1,1,1-Trichloroethane	ND	ug/kg	1.2	0.13	1	
Bromodichloromethane	ND	ug/kg	1.2	0.21	1	
trans-1,3-Dichloropropene	ND	ug/kg	1.2	0.15	1	
cis-1,3-Dichloropropene	ND	ug/kg	1.2	0.14	1	
Bromoform	ND	ug/kg	4.9	0.29	1	
1,1,2,2-Tetrachloroethane	ND	ug/kg	1.2	0.12	1	
Benzene	ND	ug/kg	1.2	0.14	1	
Toluene	ND	ug/kg	1.8	0.24	1	
Ethylbenzene	ND	ug/kg	1.2	0.15	1	
Chloromethane	ND	ug/kg	6.1	0.36	1	
Bromomethane	ND	ug/kg	2.4	0.41	1	
Vinyl chloride	ND	ug/kg	2.4	0.14	1	
Chloroethane	ND	ug/kg	2.4	0.38	1	
1,1-Dichloroethene	ND	ug/kg	1.2	0.32	1	
trans-1,2-Dichloroethene	ND	ug/kg	1.8	0.26	1	
Trichloroethene	ND	ug/kg	1.2	0.15	1	
1,2-Dichlorobenzene	ND	ug/kg	6.1	0.19	1	
1,3-Dichlorobenzene	ND	ug/kg	6.1	0.16	1	
1,4-Dichlorobenzene	ND	ug/kg	6.1	0.17	1	

Qualifier

Units

RL



09/28/15 11:45

Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-13 Date Collected:

Client ID: C2 Date Received: 09/28/15

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - Westbo	Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.4	0.10	1	
p/m-Xylene	ND		ug/kg	2.4	0.24	1	
o-Xylene	ND		ug/kg	2.4	0.21	1	
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.17	1	
Styrene	ND		ug/kg	2.4	0.49	1	
Dichlorodifluoromethane	ND		ug/kg	12	0.23	1	
Acetone	ND		ug/kg	12	1.2	1	
Carbon disulfide	ND		ug/kg	12	1.3	1	
2-Butanone	ND		ug/kg	12	0.33	1	
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1	
2-Hexanone	ND		ug/kg	12	0.81	1	
Bromochloromethane	ND		ug/kg	6.1	0.34	1	
1,2-Dibromoethane	ND		ug/kg	4.9	0.21	1	
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.1	0.48	1	
Isopropylbenzene	ND		ug/kg	1.2	0.13	1	
1,2,3-Trichlorobenzene	ND		ug/kg	6.1	0.18	1	
1,2,4-Trichlorobenzene	ND		ug/kg	6.1	0.22	1	
Methyl Acetate	ND		ug/kg	24	0.33	1	
Cyclohexane	ND		ug/kg	24	0.18	1	
1,4-Dioxane	ND		ug/kg	120	18.	1	
Freon-113	ND		ug/kg	24	0.33	1	
Methyl cyclohexane	ND		ug/kg	4.9	0.19	1	

% Recovery	Qualifier	Acceptance Criteria	
107		70-130	
92		70-130	
102		70-130	
108		70-130	
	107 92 102	107 92 102	% Recovery         Qualifier         Criteria           107         70-130           92         70-130           102         70-130



Project Name: DESTINY

Lab Number:

L1524253

**Project Number:** 15151

Report Date:

09/30/15

## **SAMPLE RESULTS**

Lab ID: L1524253-14

Client ID: C3

Sample Location: SYRACUSE, NY

Matrix: Soil Analytical Method: 1,8260C

Analytical Date: 09/29/15 18:15

Analyst: BN Percent Solids: 84%

Date Collected: 09/28/15 12:05

Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - We	stborough Lab					
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.44	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.2	0.27	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.36	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.41	1
Trichlorofluoromethane	ND		ug/kg	6.0	0.46	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.8	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	6.0	0.35	1
Bromomethane	ND		ug/kg	2.4	0.40	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.25	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.0	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	6.0	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	6.0	0.16	1

09/28/15 12:05

Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-14 Date Collected:

Client ID: C3 Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

**Parameter** Result Qualifier Units RLMDL **Dilution Factor** Volatile Organics by GC/MS - Westborough Lab Methyl tert butyl ether ND 2.4 0.10 ug/kg 1 p/m-Xylene ND ug/kg 2.4 0.24 1 o-Xylene ND 2.4 0.20 1 ug/kg cis-1,2-Dichloroethene ND 1.2 0.17 1 ug/kg Styrene ND 2.4 0.48 1 ug/kg Dichlorodifluoromethane ND 0.23 1 12 ug/kg ND Acetone 12 1.2 1 ug/kg Carbon disulfide ND 12 1.3 1 ug/kg ND 2-Butanone ug/kg 12 0.32 1 4-Methyl-2-pentanone ND 12 0.29 1 ug/kg ND 12 0.79 2-Hexanone ug/kg 1 Bromochloromethane ND 6.0 0.33 1 ug/kg 1,2-Dibromoethane ND 4.8 0.21 1 ug/kg ND 6.0 0.47 1 1,2-Dibromo-3-chloropropane ug/kg Isopropylbenzene ND 1.2 0.12 1 ug/kg 1,2,3-Trichlorobenzene ND 6.0 0.18 1 ug/kg ND 1,2,4-Trichlorobenzene 6.0 0.22 1 ug/kg Methyl Acetate ND 24 0.32 1 ug/kg Cyclohexane ND 24 0.17 1 ug/kg 1,4-Dioxane ND 120 17. 1 ug/kg Freon-113 ND 24 0.33 1 ug/kg Methyl cyclohexane ND ug/kg 4.8 0.18 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
1,2-Dichloroethane-d4	107		70-130	
Toluene-d8	92		70-130	
4-Bromofluorobenzene	103		70-130	
Dibromofluoromethane	109		70-130	



Project Name: DESTINY

Lab Number:

L1524253

**Project Number:** 15151

Report Date:

09/30/15

## **SAMPLE RESULTS**

Lab ID: L1524253-15

Client ID: D1

Sample Location: SYRACUSE, NY

Matrix: Soil Analytical Method: 1,8260C

Analytical Date: 09/29/15 12:26

Analyst: BN Percent Solids: 83%

Date Collected: 09/28/15 12:40

Date Received: 09/28/15 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - We	estborough Lab					
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.45	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.2	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.37	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.0	0.47	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.8	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	6.0	0.35	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	0.39	J	ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.0	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	6.0	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	6.0	0.17	1



MDL

09/28/15 12:40

**Dilution Factor** 

1

1

1

1

1

1

**Project Name: DESTINY** Lab Number: L1524253

**Project Number: Report Date:** 15151 09/30/15

**SAMPLE RESULTS** 

Qualifier

Units

RL

6.0

24

24

120

24

4.8

ug/kg

ug/kg

ug/kg

ug/kg

ug/kg

ug/kg

0.22

0.32

0.18

17.

0.33

0.19

Lab ID: Date Collected: L1524253-15

Result

ND

ND

ND

ND

ND

ND

Client ID: Date Received: D1 09/28/15 Sample Location: SYRACUSE, NY Field Prep: Not Specified

**Parameter** Volatile Organics by GC/MS - Westborough Lab Methyl tert butyl ether ND 2.4 0.10 ug/kg 1 p/m-Xylene ND ug/kg 2.4 0.24 1 o-Xylene ND 2.4 0.21 1 ug/kg cis-1,2-Dichloroethene ND 1.2 0.17 1 ug/kg Styrene ND 2.4 0.48 1 ug/kg Dichlorodifluoromethane ND 0.23 1 12 ug/kg J Acetone 2.0 12 1.2 1 ug/kg Carbon disulfide ND 12 1 ug/kg 1.3 ND 2-Butanone ug/kg 12 0.33 1 4-Methyl-2-pentanone ND 12 0.29 1 ug/kg ND 2-Hexanone ug/kg 12 0.80 1 Bromochloromethane ND 6.0 0.33 1 ug/kg 1,2-Dibromoethane ND 4.8 0.21 1 ug/kg ND 6.0 0.48 1 1,2-Dibromo-3-chloropropane ug/kg Isopropylbenzene ND 1.2 0.12 1 ug/kg 1,2,3-Trichlorobenzene ND 6.0 0.18 1 ug/kg

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
1,2-Dichloroethane-d4	103		70-130	
Toluene-d8	109		70-130	
4-Bromofluorobenzene	109		70-130	
Dibromofluoromethane	96		70-130	



1,2,4-Trichlorobenzene

Methyl Acetate

Cyclohexane

1,4-Dioxane

Methyl cyclohexane

Freon-113

**Project Name: DESTINY** 

**Project Number:** 15151

**SAMPLE RESULTS** 

Lab Number: L1524253

Report Date: 09/30/15

Lab ID: L1524253-17

Client ID: D2

Sample Location: SYRACUSE, NY

Matrix: Soil Analytical Method: 1,8260C Analytical Date: 09/29/15 12:52

Analyst: ΒN 81% Percent Solids:

Date Collected:	09/28/15 12:50
Date Received:	09/28/15
Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Wes	tborough Lab					
Methylene chloride	ND		ug/kg	12	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.46	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.3	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.38	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.43	1
Trichlorofluoromethane	ND		ug/kg	6.2	0.48	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	5.0	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.15	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.2	0.36	1
Bromomethane	ND		ug/kg	2.5	0.42	1
Vinyl chloride	ND		ug/kg	2.5	0.14	1
Chloroethane	ND		ug/kg	2.5	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.2	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	6.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	6.2	0.17	1



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-17 Date Collected: 09/28/15 12:50

Client ID: D2 Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

**Parameter** Result Qualifier Units RLMDL **Dilution Factor** Volatile Organics by GC/MS - Westborough Lab Methyl tert butyl ether ND 2.5 0.10 ug/kg 1 p/m-Xylene ND ug/kg 2.5 0.24 1 o-Xylene ND 2.5 0.21 1 ug/kg cis-1,2-Dichloroethene ND 1.2 0.18 1 ug/kg Styrene ND 2.5 0.50 1 ug/kg Dichlorodifluoromethane ND 0.24 1 12 ug/kg ND Acetone 12 1.3 1 ug/kg Carbon disulfide ND 12 1.4 1 ug/kg ND 2-Butanone ug/kg 12 0.34 1 4-Methyl-2-pentanone ND 12 0.30 1 ug/kg ND 12 2-Hexanone ug/kg 0.82 1 Bromochloromethane ND 6.2 0.34 1 ug/kg 1,2-Dibromoethane ND 5.0 0.22 1 ug/kg ND 6.2 0.49 1 1,2-Dibromo-3-chloropropane ug/kg Isopropylbenzene ND 1.2 0.13 1 ug/kg 1,2,3-Trichlorobenzene ND 6.2 0.18 1 ug/kg ND 1,2,4-Trichlorobenzene 6.2 0.22 1 ug/kg Methyl Acetate ND 25 0.33 1 ug/kg Cyclohexane ND 25 0.18 1 ug/kg 1,4-Dioxane ND 120 1 18. ug/kg Freon-113 ND 25 0.34 1 ug/kg Methyl cyclohexane ND ug/kg 5.0 0.19 1

			Acceptance	
Surrogate	% Recovery	Qualifier	Criteria	
1,2-Dichloroethane-d4	106		70-130	
Toluene-d8	107		70-130	
4-Bromofluorobenzene	106		70-130	
Dibromofluoromethane	95		70-130	



Project Name: DESTINY

**Project Number:** 15151

**SAMPLE RESULTS** 

Lab Number: L1524253

**Report Date:** 09/30/15

OAIM EE REG

Lab ID: L1524253-19

Client ID: D3

Sample Location: SYRACUSE, NY

Matrix: Soil Analytical Method: 1,8260C

Analytical Date: 09/29/15 13:19

Analyst: BN Percent Solids: 85%

Date Collected:	09/28/15 13:15

Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - We	stborough Lab					
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.44	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.1	0.27	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.36	1
Tetrachloroethene	ND		ug/kg	1.2	0.16	1
Chlorobenzene	ND		ug/kg	1.2	0.41	1
Trichlorofluoromethane	ND		ug/kg	5.9	0.46	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.7	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	5.9	0.35	1
Bromomethane	ND		ug/kg	2.4	0.40	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.37	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.25	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	5.9	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	5.9	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	5.9	0.16	1



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-19 Date Collected: 09/28/15 13:15

Client ID: D3 Date Received: 09/28/15 Sample Location: SYRACUSE, NY Field Prep: Not Specified

					•		
Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - Westboro	ugh Lab						
Methyl tert butyl ether	ND		ug/kg	2.4	0.10	1	
p/m-Xylene	ND		ug/kg	2.4	0.23	1	
o-Xylene	ND		ug/kg	2.4	0.20	1	
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.17	1	
Styrene	ND		ug/kg	2.4	0.47	1	
Dichlorodifluoromethane	ND		ug/kg	12	0.22	1	
Acetone	2.0	J	ug/kg	12	1.2	1	
Carbon disulfide	ND		ug/kg	12	1.3	1	
2-Butanone	ND		ug/kg	12	0.32	1	
4-Methyl-2-pentanone	ND		ug/kg	12	0.29	1	
2-Hexanone	ND		ug/kg	12	0.78	1	
Bromochloromethane	ND		ug/kg	5.9	0.32	1	
1,2-Dibromoethane	ND		ug/kg	4.7	0.20	1	
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.9	0.47	1	
Isopropylbenzene	ND		ug/kg	1.2	0.12	1	
1,2,3-Trichlorobenzene	ND		ug/kg	5.9	0.17	1	
1,2,4-Trichlorobenzene	ND		ug/kg	5.9	0.21	1	
Methyl Acetate	ND		ug/kg	24	0.32	1	
Cyclohexane	ND		ug/kg	24	0.17	1	
1,4-Dioxane	ND		ug/kg	120	17.	1	
Freon-113	ND		ug/kg	24	0.32	1	
Methyl cyclohexane	ND		ug/kg	4.7	0.18	1	

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
1,2-Dichloroethane-d4	102		70-130	
Toluene-d8	107		70-130	
4-Bromofluorobenzene	108		70-130	
Dibromofluoromethane	96		70-130	



**Project Name: DESTINY** 

**Project Number:** 15151

**SAMPLE RESULTS** 

Lab Number: L1524253

Report Date: 09/30/15

Lab ID: L1524253-20

Client ID: E1

Sample Location: SYRACUSE, NY

Matrix: Soil Analytical Method: 1,8260C

Analytical Date: 09/29/15 13:45

Analyst: ΒN 91% Percent Solids:

Date Collected: 09/28/15 12:55 Date Received: 09/28/15

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - We	stborough Lab					
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.41	1
Carbon tetrachloride	ND		ug/kg	1.1	0.23	1
1,2-Dichloropropane	ND		ug/kg	3.9	0.25	1
Dibromochloromethane	ND		ug/kg	1.1	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.34	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.38	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.43	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
Bromoform	ND		ug/kg	4.4	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.6	0.22	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.5	0.32	1
Bromomethane	ND		ug/kg	2.2	0.37	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
Chloroethane	ND		ug/kg	2.2	0.35	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	0.24	J	ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.5	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	5.5	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.5	0.15	1



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-20 Date Collected: 09/28/15 12:55

Client ID: E1 Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

**Parameter** Result Qualifier Units RLMDL **Dilution Factor** Volatile Organics by GC/MS - Westborough Lab Methyl tert butyl ether ND 2.2 0.09 ug/kg 1 p/m-Xylene ND ug/kg 2.2 0.22 1 o-Xylene ND 2.2 0.19 1 ug/kg cis-1,2-Dichloroethene ND 1.1 0.16 1 ug/kg Styrene ND 2.2 0.44 1 ug/kg Dichlorodifluoromethane ND 0.21 1 11 ug/kg J Acetone 1.7 11 1.1 1 ug/kg Carbon disulfide ND 11 1.2 1 ug/kg ND 2-Butanone ug/kg 11 0.30 1 4-Methyl-2-pentanone ND 11 0.27 1 ug/kg ND 2-Hexanone ug/kg 11 0.74 1 Bromochloromethane ND 5.5 0.30 1 ug/kg 1,2-Dibromoethane ND 4.4 0.19 1 ug/kg ND 5.5 0.44 1 1,2-Dibromo-3-chloropropane ug/kg Isopropylbenzene ND 1.1 0.11 1 ug/kg 1,2,3-Trichlorobenzene ND 5.5 0.16 1 ug/kg ND 1,2,4-Trichlorobenzene 5.5 0.20 1 ug/kg Methyl Acetate ND 22 0.30 1 ug/kg Cyclohexane ND 22 0.16 1 ug/kg 1,4-Dioxane ND 110 1 16. ug/kg Freon-113 ND 22 0.30 1 ug/kg Methyl cyclohexane ND ug/kg 4.4 0.17 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
1,2-Dichloroethane-d4	105		70-130	
Toluene-d8	109		70-130	
4-Bromofluorobenzene	108		70-130	
Dibromofluoromethane	97		70-130	



Project Name: DESTINY

Lab Number:

L1524253

**Project Number:** 15151

Report Date:

09/30/15

#### **SAMPLE RESULTS**

Lab ID: L1524253-22

Client ID: E2

Sample Location: SYRACUSE, NY

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/29/15 14:12

Analyst: BN Percent Solids: 83%

Date Collected: 09/28/15 13:00
Date Received: 09/28/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - We	estborough Lab					
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.44	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.2	0.27	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.36	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.0	0.46	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.8	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	6.0	0.35	1
Bromomethane	ND		ug/kg	2.4	0.40	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.25	1
Trichloroethene	0.59	J	ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.0	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	6.0	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	6.0	0.17	1



09/28/15 13:00

Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-22 Date Collected:

Client ID: E2 Date Received: 09/28/15

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter Result Qualifier Units RL MDL Dilution Factor

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough	h Lab					
Methyl tert butyl ether	ND		ug/kg	2.4	0.10	1
p/m-Xylene	ND		ug/kg	2.4	0.24	 1
o-Xylene	ND			2.4	0.24	 1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
·			ug/kg			
Styrene	ND		ug/kg	2.4	0.48	1
Dichlorodifluoromethane	ND		ug/kg	12	0.23	1
Acetone	2.1	J	ug/kg	12	1.2	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.33	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.29	1
2-Hexanone	ND		ug/kg	12	0.80	1
Bromochloromethane	ND		ug/kg	6.0	0.33	1
1,2-Dibromoethane	ND		ug/kg	4.8	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.0	0.48	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.0	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.0	0.22	1
Methyl Acetate	ND		ug/kg	24	0.32	1
Cyclohexane	ND		ug/kg	24	0.18	1
1,4-Dioxane	ND		ug/kg	120	17.	1
Freon-113	ND		ug/kg	24	0.33	1
Methyl cyclohexane	ND		ug/kg	4.8	0.18	1

% Recovery	Qualifier	Acceptance Criteria	
101		70-130	
108		70-130	
106		70-130	
95		70-130	
	101 108 106	101 108 106	% Recovery         Qualifier         Criteria           101         70-130           108         70-130           106         70-130



L1524253

**Project Name: DESTINY** 

**Project Number:** Report Date: 15151 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-23

Client ID: E3

Sample Location: SYRACUSE, NY

Matrix: Soil Analytical Method: 1,8260C

Analytical Date: 09/29/15 14:38

Analyst: ΒN 83% Percent Solids:

Date Collected:	09/28/15 13:20
Date Received:	09/28/15
Field Prep:	Not Specified

Lab Number:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - West	borough Lab					
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.44	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.2	0.27	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.36	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.0	0.46	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.8	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	6.0	0.35	1
Bromomethane	ND		ug/kg	2.4	0.40	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.25	1
Trichloroethene	0.50	J	ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.0	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	6.0	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	6.0	0.16	1



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-23 Date Collected: 09/28/15 13:20

Client ID: E3 Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

**Parameter** Result Qualifier Units RLMDL **Dilution Factor** Volatile Organics by GC/MS - Westborough Lab Methyl tert butyl ether ND 2.4 0.10 ug/kg 1 p/m-Xylene ND ug/kg 2.4 0.24 1 o-Xylene ND 2.4 0.20 1 ug/kg cis-1,2-Dichloroethene ND 1.2 0.17 1 ug/kg Styrene ND 2.4 0.48 1 ug/kg Dichlorodifluoromethane ND 0.23 1 12 ug/kg J Acetone 1.8 12 1.2 1 ug/kg Carbon disulfide 12 1 ND ug/kg 1.3 ND 2-Butanone ug/kg 12 0.33 1 4-Methyl-2-pentanone ND 12 0.29 1 ug/kg ND 2-Hexanone ug/kg 12 0.80 1 Bromochloromethane ND 6.0 0.33 1 ug/kg 1,2-Dibromoethane ND 4.8 0.21 1 ug/kg ND 6.0 0.47 1 1,2-Dibromo-3-chloropropane ug/kg Isopropylbenzene ND 1.2 0.12 1 ug/kg 1,2,3-Trichlorobenzene ND 6.0 0.18 1 ug/kg ND 1,2,4-Trichlorobenzene 6.0 0.22 1 ug/kg Methyl Acetate ND 24 0.32 1 ug/kg Cyclohexane ND 24 0.18 1 ug/kg 1,4-Dioxane ND 17. 1 120 ug/kg Freon-113 ND 24 0.33 1 ug/kg Methyl cyclohexane ND ug/kg 4.8 0.18 1

		Acceptance					
Surrogate	% Recovery	Qualifier	Criteria				
1,2-Dichloroethane-d4	103		70-130				
Toluene-d8	109		70-130				
4-Bromofluorobenzene	109		70-130				
Dibromofluoromethane	96		70-130				



L1524253

09/30/15

Project Name: DESTINY

**Project Number:** 15151

**SAMPLE RESULTS** 

Lab Number:

Report Date:

PAMPLE RESULTS

Lab ID: L1524253-24

Client ID: E4

Sample Location: SYRACUSE, NY

Matrix: Soil
Analytical Method: 1,8260C

Analytical Date: 09/29/15 15:05

Analyst: BN Percent Solids: 82%

Date Collected:	09/28/15 13:25
Date Received:	09/28/15
Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - We	estborough Lab					
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.45	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.3	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.37	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.1	0.47	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.9	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.1	0.36	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	0.30	J	ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.1	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	6.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	6.1	0.17	1



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-24 Date Collected: 09/28/15 13:25

Client ID: E4 Date Received: 09/28/15 Sample Location: SYRACUSE, NY Field Prep: Not Specified

,					•	· ·	
Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - Westbo	orough Lab						
Methyl tert butyl ether	ND		ug/kg	2.4	0.10	1	
p/m-Xylene	ND		ug/kg	2.4	0.24	1	
o-Xylene	ND		ug/kg	2.4	0.21	1	
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.17	1	
Styrene	ND		ug/kg	2.4	0.49	1	
Dichlorodifluoromethane	ND		ug/kg	12	0.23	1	
Acetone	1.8	J	ug/kg	12	1.3	1	
Carbon disulfide	ND		ug/kg	12	1.3	1	
2-Butanone	ND		ug/kg	12	0.33	1	
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1	
2-Hexanone	ND		ug/kg	12	0.81	1	
Bromochloromethane	ND		ug/kg	6.1	0.34	1	
1,2-Dibromoethane	ND		ug/kg	4.9	0.21	1	
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.1	0.48	1	
Isopropylbenzene	ND		ug/kg	1.2	0.13	1	
1,2,3-Trichlorobenzene	ND		ug/kg	6.1	0.18	1	
1,2,4-Trichlorobenzene	ND		ug/kg	6.1	0.22	1	
Methyl Acetate	ND		ug/kg	24	0.33	1	
Cyclohexane	ND		ug/kg	24	0.18	1	
1,4-Dioxane	ND		ug/kg	120	18.	1	
Freon-113	ND		ug/kg	24	0.33	1	
Methyl cyclohexane	ND		ug/kg	4.9	0.19	1	

% Recovery	Qualifier	Acceptance Criteria	
104		70-130	
107		70-130	
108		70-130	
96		70-130	
	104 107 108	104 107 108	% Recovery         Qualifier         Criteria           104         70-130           107         70-130           108         70-130



L1524253

**Project Name:** Lab Number: **DESTINY** 

**Project Number:** Report Date: 15151 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-25

Client ID: F1

Sample Location: SYRACUSE, NY

Matrix: Soil Analytical Method: 1,8260C Analytical Date: 09/29/15 15:32

Analyst: ΒN 82% Percent Solids:

Date Collected:	09/28/15 13:30
Date Received:	09/28/15
Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Wes	stborough Lab					
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.45	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.2	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.37	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.1	0.47	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	6.1	0.36	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	0.32	J	ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.1	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	6.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	6.1	0.17	1



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-25 Date Collected: 09/28/15 13:30

Client ID: F1 Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

**Parameter** Result Qualifier Units RLMDL **Dilution Factor** Volatile Organics by GC/MS - Westborough Lab Methyl tert butyl ether ND 2.4 0.10 ug/kg 1 p/m-Xylene ND ug/kg 2.4 0.24 1 o-Xylene ND 2.4 0.21 1 ug/kg cis-1,2-Dichloroethene ND 1.2 0.17 1 ug/kg Styrene ND 2.4 0.49 1 ug/kg Dichlorodifluoromethane ND 0.23 1 12 ug/kg J Acetone 1.7 12 1.2 1 ug/kg Carbon disulfide ND 12 1 ug/kg 1.3 ND 2-Butanone ug/kg 12 0.33 1 4-Methyl-2-pentanone ND 12 0.30 1 ug/kg ND 12 2-Hexanone ug/kg 0.81 1 Bromochloromethane ND 6.1 0.33 1 ug/kg 1,2-Dibromoethane ND 4.8 0.21 1 ug/kg ND 6.1 0.48 1 1,2-Dibromo-3-chloropropane ug/kg Isopropylbenzene ND 1.2 0.12 1 ug/kg 1,2,3-Trichlorobenzene ND 6.1 0.18 1 ug/kg ND 1,2,4-Trichlorobenzene 6.1 0.22 1 ug/kg Methyl Acetate ND 24 0.33 1 ug/kg Cyclohexane ND 24 0.18 1 ug/kg 1,4-Dioxane ND 120 1 18. ug/kg Freon-113 ND 24 0.33 1 ug/kg Methyl cyclohexane ND ug/kg 4.8 0.19 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
1,2-Dichloroethane-d4	105		70-130	
Toluene-d8	109		70-130	
4-Bromofluorobenzene	108		70-130	
Dibromofluoromethane	96		70-130	



L1524253

**Project Name: DESTINY**  Lab Number:

Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-27

Client ID: F2

**Project Number:** 

Sample Location: SYRACUSE, NY

15151

Matrix: Soil Analytical Method: 1,8260C

Analytical Date: 09/29/15 15:58

Analyst: ΒN 83% Percent Solids:

Date Collected: 09/28/15 13:40 Date Received: 09/28/15 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - West	oorough Lab					
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.44	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.2	0.27	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.36	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.0	0.46	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.8	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	6.0	0.35	1
Bromomethane	ND		ug/kg	2.4	0.40	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.25	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.0	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	6.0	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	6.0	0.17	1



09/28/15 13:40

Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-27 Date Collected:

Client ID: F2 Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

**Parameter** Result Qualifier Units RLMDL **Dilution Factor** Volatile Organics by GC/MS - Westborough Lab Methyl tert butyl ether ND 2.4 0.10 ug/kg 1 p/m-Xylene ND ug/kg 2.4 0.24 1 o-Xylene ND 2.4 0.21 1 ug/kg cis-1,2-Dichloroethene ND 1.2 0.17 1 ug/kg Styrene ND 2.4 0.48 1 ug/kg Dichlorodifluoromethane ND 0.23 1 12 ug/kg J Acetone 2.0 12 1.2 1 ug/kg Carbon disulfide ND 12 1 ug/kg 1.3 ND 2-Butanone ug/kg 12 0.33 1 4-Methyl-2-pentanone ND 12 0.29 1 ug/kg ND 2-Hexanone ug/kg 12 0.80 1 Bromochloromethane ND 6.0 0.33 1 ug/kg 1,2-Dibromoethane ND 4.8 0.21 1 ug/kg ND 6.0 0.48 1 1,2-Dibromo-3-chloropropane ug/kg Isopropylbenzene ND 1.2 0.12 1 ug/kg 1,2,3-Trichlorobenzene ND 6.0 0.18 1 ug/kg ND 1,2,4-Trichlorobenzene 6.0 0.22 1 ug/kg Methyl Acetate ND 24 0.32 1 ug/kg Cyclohexane ND 24 0.18 1 ug/kg 1,4-Dioxane ND 17. 1 120 ug/kg Freon-113 ND 24 0.33 1 ug/kg Methyl cyclohexane ND ug/kg 4.8 0.18 1

	Acceptance						
Surrogate	% Recovery	Qualifier	Criteria				
1,2-Dichloroethane-d4	105		70-130				
Toluene-d8	109		70-130				
4-Bromofluorobenzene	107		70-130				
Dibromofluoromethane	97		70-130				



L1524253

**Project Name: DESTINY** 

Lab Number:

**Project Number:** Report Date: 15151 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-29 Date Collected: 09/28/15 13:50

Client ID: F3

SYRACUSE, NY Sample Location:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 09/29/15 16:25

Analyst: ΒN 82% Percent Solids:

Date Received: 09/28/15 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Wes	stborough Lab					
Methylene chloride	ND		ug/kg	12	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.45	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.3	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.37	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.43	1
Trichlorofluoromethane	ND		ug/kg	6.1	0.48	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.9	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.1	0.36	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.1	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	6.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	6.1	0.17	1



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-29 Date Collected: 09/28/15 13:50

Client ID: F3 Date Received: 09/28/15 Sample Location: SYRACUSE, NY Field Prep: Not Specified

**Parameter** Result Qualifier Units RLMDL **Dilution Factor** Volatile Organics by GC/MS - Westborough Lab Methyl tert butyl ether ND 2.4 0.10 ug/kg 1 p/m-Xylene ND ug/kg 2.4 0.24 1 o-Xylene ND 2.4 0.21 1 ug/kg cis-1,2-Dichloroethene ND 1.2 0.18 1 ug/kg Styrene ND 2.4 0.49 1 ug/kg Dichlorodifluoromethane ND 0.23 1 12 ug/kg J Acetone 2.1 12 1.3 1 ug/kg Carbon disulfide ND 12 1.4 1 ug/kg ND 2-Butanone ug/kg 12 0.33 1 4-Methyl-2-pentanone ND 12 0.30 1 ug/kg ND 12 0.82 2-Hexanone ug/kg 1 Bromochloromethane ND 6.1 0.34 1 ug/kg 1,2-Dibromoethane ND 4.9 0.21 1 ug/kg ND 6.1 0.48 1 1,2-Dibromo-3-chloropropane ug/kg Isopropylbenzene ND 1.2 0.13 1 ug/kg 1,2,3-Trichlorobenzene ND 6.1 0.18 1 ug/kg ND 1,2,4-Trichlorobenzene 6.1 0.22 1 ug/kg Methyl Acetate ND 24 0.33 1 ug/kg Cyclohexane ND 24 0.18 1 ug/kg 1,4-Dioxane ND 120 1 18. ug/kg Freon-113 ND 24 0.34 1 ug/kg

ug/kg

4.9

0.19

	Acceptance						
Surrogate	% Recovery	Qualifier	Criteria				
1,2-Dichloroethane-d4	105		70-130				
Toluene-d8	109		70-130				
4-Bromofluorobenzene	105		70-130				
Dibromofluoromethane	97		70-130				

ND



1

Methyl cyclohexane

**Project Name: DESTINY**  Lab Number: Report Date:

L1524253

**Project Number:** 

15151

09/30/15

### **SAMPLE RESULTS**

Lab ID: L1524253-30

Client ID: G1

Sample Location: SYRACUSE, NY

Matrix: Soil Analytical Method: 1,8260C Analytical Date: 09/29/15 16:51

Analyst: ΒN Percent Solids: 85% Date Collected: 09/28/15 13:52

Date Received: 09/28/15 Field Prep: Not Specified

Volatile Organics by GC/MS - Westborough L  Methylene chloride  1,1-Dichloroethane Chloroform Carbon tetrachloride  1,2-Dichloropropane Dibromochloromethane  1,1,2-Trichloroethane Tetrachloroethene	ND N		ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg	12 1.8 1.8 1.2 4.1 1.2	1.3 0.10 0.44 0.25 0.27 0.18 0.36	1 1 1 1 1
1,1-Dichloroethane  Chloroform  Carbon tetrachloride 1,2-Dichloropropane  Dibromochloromethane 1,1,2-Trichloroethane	ND		ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg	1.8 1.8 1.2 4.1 1.2	0.10 0.44 0.25 0.27 0.18	1 1 1 1
Chloroform Carbon tetrachloride 1,2-Dichloropropane Dibromochloromethane 1,1,2-Trichloroethane	ND ND ND ND ND ND ND ND		ug/kg ug/kg ug/kg ug/kg ug/kg	1.8 1.2 4.1 1.2	0.44 0.25 0.27 0.18	1 1 1
Carbon tetrachloride  1,2-Dichloropropane  Dibromochloromethane  1,1,2-Trichloroethane	ND ND ND ND		ug/kg ug/kg ug/kg ug/kg	1.2 4.1 1.2	0.25 0.27 0.18	1
1,2-Dichloropropane Dibromochloromethane 1,1,2-Trichloroethane	ND ND ND		ug/kg ug/kg ug/kg	4.1 1.2	0.27 0.18	1
Dibromochloromethane 1,1,2-Trichloroethane	ND ND ND		ug/kg ug/kg ug/kg	1.2	0.18	
1,1,2-Trichloroethane	ND ND		ug/kg			1
• •	ND			1.8	0.36	
Tetrachloroethene						1
retractionecticie	ND		ug/kg	1.2	0.16	1
Chlorobenzene			ug/kg	1.2	0.41	1
Trichlorofluoromethane	ND		ug/kg	5.9	0.46	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.7	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	5.9	0.35	1
Bromomethane	ND		ug/kg	2.4	0.40	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.37	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.25	1
Trichloroethene	0.50	J	ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	5.9	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	5.9	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	5.9	0.16	1



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-30 Date Collected: 09/28/15 13:52

Client ID: G1 Date Received: 09/28/15 Sample Location: SYRACUSE, NY Field Prep: Not Specified

**Parameter** Result Qualifier Units RLMDL **Dilution Factor** Volatile Organics by GC/MS - Westborough Lab Methyl tert butyl ether ND 2.4 0.10 ug/kg 1 p/m-Xylene ND ug/kg 2.4 0.23 1 o-Xylene ND 2.4 0.20 1 ug/kg cis-1,2-Dichloroethene ND 1.2 0.17 1 ug/kg Styrene ND 2.4 0.47 1 ug/kg Dichlorodifluoromethane ND 0.22 1 12 ug/kg J Acetone 1.4 12 1.2 1 ug/kg Carbon disulfide ND 12 1 ug/kg 1.3 ND 2-Butanone ug/kg 12 0.32 1 4-Methyl-2-pentanone ND 12 0.29 1 ug/kg ND 0.78 2-Hexanone ug/kg 12 1 Bromochloromethane ND 5.9 0.32 1 ug/kg 1,2-Dibromoethane ND 4.7 0.20 1 ug/kg ND 5.9 0.47 1 1,2-Dibromo-3-chloropropane ug/kg Isopropylbenzene ND 1.2 0.12 1 ug/kg 1,2,3-Trichlorobenzene ND 5.9 0.17 1 ug/kg ND 1,2,4-Trichlorobenzene 5.9 0.21 1 ug/kg Methyl Acetate ND 24 0.32 1 ug/kg Cyclohexane ND 24 0.17 1 ug/kg 1,4-Dioxane ND 120 17. 1 ug/kg Freon-113 ND 24 0.32 1 ug/kg Methyl cyclohexane ND ug/kg 4.7 0.18 1

% Recovery	Qualifier	Acceptance Criteria	
104		70-130	
108		70-130	
105		70-130	
97		70-130	
	104 108 105	104 108 105	% Recovery         Qualifier         Criteria           104         70-130           108         70-130           105         70-130



Project Name: DESTINY

Lab Number:

L1524253

**Project Number:** 15151

Report Date:

09/30/15

### **SAMPLE RESULTS**

Lab ID: L1524253-32

Client ID: G2

Sample Location: SYRACUSE, NY

Matrix: Soil Analytical Method: 1,8260C

Analytical Date: 09/29/15 17:18

Analyst: BN Percent Solids: 81%

Date Collected: 09/28/15 13:55

Date Received: 09/28/15 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - We	estborough Lab					
Methylene chloride	ND		ug/kg	12	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.45	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.3	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.37	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.43	1
Trichlorofluoromethane	ND		ug/kg	6.1	0.48	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.9	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.1	0.36	1
Bromomethane	ND		ug/kg	2.4	0.42	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.1	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	6.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	6.1	0.17	1



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-32 Date Collected: 09/28/15 13:55

Client ID: G2 Date Received: 09/28/15 Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westbo	rough Lab					
Methyl tert butyl ether	ND		ug/kg	2.4	0.10	1
p/m-Xylene	ND		ug/kg	2.4	0.24	1
o-Xylene	ND		ug/kg	2.4	0.21	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.18	1
Styrene	ND		ug/kg	2.4	0.49	1
Dichlorodifluoromethane	ND		ug/kg	12	0.23	1
Acetone	2.7	J	ug/kg	12	1.3	1
Carbon disulfide	ND		ug/kg	12	1.4	1
2-Butanone	ND		ug/kg	12	0.33	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
2-Hexanone	ND		ug/kg	12	0.82	1
Bromochloromethane	ND		ug/kg	6.1	0.34	1
1,2-Dibromoethane	ND		ug/kg	4.9	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.1	0.49	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.1	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.1	0.22	1
Methyl Acetate	ND		ug/kg	24	0.33	1
Cyclohexane	ND		ug/kg	24	0.18	1
1,4-Dioxane	ND		ug/kg	120	18.	1
Freon-113	ND		ug/kg	24	0.34	1
Methyl cyclohexane	ND		ug/kg	4.9	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
1,2-Dichloroethane-d4	105		70-130	
Toluene-d8	110		70-130	
4-Bromofluorobenzene	110		70-130	
Dibromofluoromethane	97		70-130	



**Project Name: DESTINY** 

**Project Number:** 15151

**SAMPLE RESULTS** 

Lab Number: L1524253

Report Date: 09/30/15

Result

Lab ID: L1524253-33

Client ID: G3

Sample Location: SYRACUSE, NY

Matrix: Soil Analytical Method: 1,8260C Analytical Date: 09/29/15 17:44

Analyst: ΒN 80% Percent Solids:

**Parameter** 

Date Collected:	09/28/15 14:00
Date Received:	09/28/15
Field Prep:	Not Specified

MDL

**Dilution Factor** 

Volatile Organics by GC/MS - Wes	tborough Lab				
Methylene chloride	ND	ug/kg	12	1.4	1
1,1-Dichloroethane	ND	ug/kg	1.9	0.11	1
Chloroform	ND	ug/kg	1.9	0.46	1
Carbon tetrachloride	ND	ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND	ug/kg	4.4	0.28	1
Dibromochloromethane	ND	ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND	ug/kg	1.9	0.38	1
Tetrachloroethene	ND	ug/kg	1.2	0.18	1
Chlorobenzene	ND	ug/kg	1.2	0.43	1
Trichlorofluoromethane	ND	ug/kg	6.2	0.48	1
1,2-Dichloroethane	ND	ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND	ug/kg	1.2	0.14	1
Bromodichloromethane	ND	ug/kg	1.2	0.22	1
trans-1,3-Dichloropropene	ND	ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND	ug/kg	1.2	0.15	1
Bromoform	ND	ug/kg	5.0	0.29	1
1,1,2,2-Tetrachloroethane	ND	ug/kg	1.2	0.12	1
Benzene	ND	ug/kg	1.2	0.15	1
Toluene	ND	ug/kg	1.9	0.24	1
Ethylbenzene	ND	ug/kg	1.2	0.16	1
Chloromethane	ND	ug/kg	6.2	0.37	1
Bromomethane	ND	ug/kg	2.5	0.42	1
Vinyl chloride	ND	ug/kg	2.5	0.15	1
Chloroethane	ND	ug/kg	2.5	0.39	1
1,1-Dichloroethene	ND	ug/kg	1.2	0.33	1
trans-1,2-Dichloroethene	ND	ug/kg	1.9	0.26	1
Trichloroethene	ND	ug/kg	1.2	0.16	1
1,2-Dichlorobenzene	ND	ug/kg	6.2	0.19	1
1,3-Dichlorobenzene	ND	ug/kg	6.2	0.17	1
1,4-Dichlorobenzene	ND	ug/kg	6.2	0.17	1

Qualifier

Units

RL



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-33 Date Collected: 09/28/15 14:00

Client ID: G3 Date Received: 09/28/15 Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough	n Lab					
Methyl tert butyl ether	ND		ug/kg	2.5	0.10	1
p/m-Xylene	ND		ug/kg	2.5	0.25	 1
o-Xylene	ND			2.5	0.23	 1
·	ND ND		ug/kg	1.2	0.21	1
cis-1,2-Dichloroethene			ug/kg			
Styrene	ND		ug/kg	2.5	0.50	1
Dichlorodifluoromethane	ND		ug/kg	12	0.24	1
Acetone	2.5	J	ug/kg	12	1.3	1
Carbon disulfide	ND		ug/kg	12	1.4	1
2-Butanone	ND		ug/kg	12	0.34	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
2-Hexanone	ND		ug/kg	12	0.83	1
Bromochloromethane	ND		ug/kg	6.2	0.34	1
1,2-Dibromoethane	ND		ug/kg	5.0	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	0.49	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.2	0.23	1
Methyl Acetate	ND		ug/kg	25	0.34	1
Cyclohexane	ND		ug/kg	25	0.18	1
1,4-Dioxane	ND		ug/kg	120	18.	1
Freon-113	ND		ug/kg	25	0.34	1
Methyl cyclohexane	ND		ug/kg	5.0	0.19	1

% Recovery	Qualifier	Acceptance Criteria	
107		70-130	
107		70-130	
108		70-130	
98		70-130	
	107 107 108	107 107 108	% Recovery         Qualifier         Criteria           107         70-130           107         70-130           108         70-130



09/28/15

Not Specified

Date Received:

Field Prep:

Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-34 Date Collected: 09/28/15 14:10

Client ID: H1

Sample Location: SYRACUSE, NY

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/29/15 18:11

Analyst: BN Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - West	borough Lab						
Methylene chloride	ND		ug/kg	13	1.4	1	
1,1-Dichloroethane	ND		ug/kg	2.0	0.11	1	
Chloroform	ND		ug/kg	2.0	0.48	1	
Carbon tetrachloride	ND		ug/kg	1.3	0.28	1	
1,2-Dichloropropane	ND		ug/kg	4.6	0.30	1	
Dibromochloromethane	ND		ug/kg	1.3	0.20	1	
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.40	1	
Tetrachloroethene	ND		ug/kg	1.3	0.18	1	
Chlorobenzene	ND		ug/kg	1.3	0.46	1	
Trichlorofluoromethane	ND		ug/kg	6.6	0.51	1	
1,2-Dichloroethane	ND		ug/kg	1.3	0.15	1	
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.14	1	
Bromodichloromethane	ND		ug/kg	1.3	0.23	1	
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1	
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.15	1	
Bromoform	ND		ug/kg	5.2	0.31	1	
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.13	1	
Benzene	ND		ug/kg	1.3	0.15	1	
Toluene	ND		ug/kg	2.0	0.26	1	
Ethylbenzene	ND		ug/kg	1.3	0.17	1	
Chloromethane	ND		ug/kg	6.6	0.38	1	
Bromomethane	ND		ug/kg	2.6	0.44	1	
Vinyl chloride	ND		ug/kg	2.6	0.15	1	
Chloroethane	ND		ug/kg	2.6	0.41	1	
1,1-Dichloroethene	ND		ug/kg	1.3	0.34	1	
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.28	1	
Trichloroethene	ND		ug/kg	1.3	0.16	1	
1,2-Dichlorobenzene	ND		ug/kg	6.6	0.20	1	
1,3-Dichlorobenzene	ND		ug/kg	6.6	0.18	1	

ug/kg

6.6

0.18

ND



1

1,4-Dichlorobenzene

Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-34 Date Collected: 09/28/15 14:10

Client ID: Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

**Parameter** Result Qualifier Units RLMDL **Dilution Factor** Volatile Organics by GC/MS - Westborough Lab Methyl tert butyl ether ND 2.6 0.11 ug/kg 1 p/m-Xylene ND ug/kg 2.6 0.26 1 o-Xylene ND 2.6 0.22 1 ug/kg cis-1,2-Dichloroethene ND 1.3 0.19 1 ug/kg Styrene ND 2.6 0.53 1 ug/kg Dichlorodifluoromethane ND 0.25 1 13 ug/kg J Acetone 1.7 13 1.4 1 ug/kg Carbon disulfide ND 13 1.4 1 ug/kg ND 2-Butanone ug/kg 13 0.36 1 4-Methyl-2-pentanone ND 13 0.32 1 ug/kg ND 0.87 2-Hexanone ug/kg 13 1 Bromochloromethane ND 6.6 0.36 1 ug/kg 1,2-Dibromoethane ND 5.2 0.23 1 ug/kg ND 6.6 0.52 1 1,2-Dibromo-3-chloropropane ug/kg Isopropylbenzene ND 1.3 0.14 1 ug/kg 1,2,3-Trichlorobenzene ND 6.6 0.19 1 ug/kg ND 1,2,4-Trichlorobenzene 6.6 0.24 1 ug/kg Methyl Acetate ND 26 0.35 1 ug/kg Cyclohexane ND 26 0.19 1 ug/kg 1,4-Dioxane ND 130 19. 1 ug/kg Freon-113 ND 26 0.36 1 ug/kg

ug/kg

5.2

0.20

			Acceptance	
Surrogate	% Recovery	Qualifier	Criteria	
1,2-Dichloroethane-d4	106		70-130	
Toluene-d8	110		70-130	
4-Bromofluorobenzene	107		70-130	
Dibromofluoromethane	97		70-130	

ND



1

Methyl cyclohexane

Project Name: DESTINY

**Project Number:** 15151

**SAMPLE RESULTS** 

Result

Lab Number: L1524253

**Report Date:** 09/30/15

Lab ID: L1524253-36

Client ID: H2

Sample Location: SYRACUSE, NY

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 09/29/15 15:43

Analyst: BN Percent Solids: 78%

**Parameter** 

Date Collected:	09/28/15 14:15
Date Received:	09/28/15
Field Prep:	Not Specified

MDL

**Dilution Factor** 

Volatile Organics by GC/MS - West	borough Lab					
Methylene chloride	ND	ug/kg	13	1.4	1	
1,1-Dichloroethane	ND	ug/kg	1.9	0.11	1	
Chloroform	ND	ug/kg	1.9	0.47	1	
Carbon tetrachloride	ND	ug/kg	1.3	0.27	1	
1,2-Dichloropropane	ND	ug/kg	4.5	0.29	1	
Dibromochloromethane	ND	ug/kg	1.3	0.20	1	
1,1,2-Trichloroethane	ND	ug/kg	1.9	0.39	1	
Tetrachloroethene	ND	ug/kg	1.3	0.18	1	
Chlorobenzene	ND	ug/kg	1.3	0.44	1	
Trichlorofluoromethane	ND	ug/kg	6.4	0.50	1	
1,2-Dichloroethane	ND	ug/kg	1.3	0.14	1	
1,1,1-Trichloroethane	ND	ug/kg	1.3	0.14	1	
Bromodichloromethane	ND	ug/kg	1.3	0.22	1	
trans-1,3-Dichloropropene	ND	ug/kg	1.3	0.15	1	
cis-1,3-Dichloropropene	ND	ug/kg	1.3	0.15	1	
Bromoform	ND	ug/kg	5.1	0.30	1	
1,1,2,2-Tetrachloroethane	ND	ug/kg	1.3	0.13	1	
Benzene	ND	ug/kg	1.3	0.15	1	
Toluene	ND	ug/kg	1.9	0.25	1	
Ethylbenzene	ND	ug/kg	1.3	0.16	1	
Chloromethane	ND	ug/kg	6.4	0.38	1	
Bromomethane	ND	ug/kg	2.6	0.43	1	
Vinyl chloride	ND	ug/kg	2.6	0.15	1	
Chloroethane	ND	ug/kg	2.6	0.40	1	
1,1-Dichloroethene	ND	ug/kg	1.3	0.34	1	
trans-1,2-Dichloroethene	ND	ug/kg	1.9	0.27	1	
Trichloroethene	ND	ug/kg	1.3	0.16	1	
1,2-Dichlorobenzene	ND	ug/kg	6.4	0.20	1	
1,3-Dichlorobenzene	ND	ug/kg	6.4	0.17	1	
1,4-Dichlorobenzene	ND	ug/kg	6.4	0.18	1	
		- 3- 3				

Qualifier

Units

RL



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-36 Date Collected: 09/28/15 14:15

Client ID: H2 Date Received: 09/28/15 Sample Location: SYRACUSE, NY Field Prep: Not Specified

•					•		
Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Volatile Organics by GC/MS - Westboro	ugh Lab						
Methyl tert butyl ether	ND		ug/kg	2.6	0.11	1	
p/m-Xylene	ND		ug/kg	2.6	0.25	1	
o-Xylene	ND		ug/kg	2.6	0.22	1	
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.18	1	
Styrene	ND		ug/kg	2.6	0.51	1	
Dichlorodifluoromethane	ND		ug/kg	13	0.24	1	
Acetone	ND		ug/kg	13	1.3	1	
Carbon disulfide	ND		ug/kg	13	1.4	1	
2-Butanone	ND		ug/kg	13	0.35	1	
4-Methyl-2-pentanone	ND		ug/kg	13	0.31	1	
2-Hexanone	ND		ug/kg	13	0.85	1	
Bromochloromethane	ND		ug/kg	6.4	0.35	1	
1,2-Dibromoethane	ND		ug/kg	5.1	0.22	1	
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.4	0.51	1	
Isopropylbenzene	ND		ug/kg	1.3	0.13	1	
1,2,3-Trichlorobenzene	ND		ug/kg	6.4	0.19	1	
1,2,4-Trichlorobenzene	ND		ug/kg	6.4	0.23	1	
Methyl Acetate	ND		ug/kg	26	0.34	1	
Cyclohexane	ND		ug/kg	26	0.19	1	
1,4-Dioxane	ND		ug/kg	130	18.	1	
Freon-113	ND		ug/kg	26	0.35	1	
Methyl cyclohexane	ND		ug/kg	5.1	0.20	1	

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
1,2-Dichloroethane-d4	94		70-130	
Toluene-d8	103		70-130	
4-Bromofluorobenzene	103		70-130	
Dibromofluoromethane	103		70-130	



09/28/15

Not Specified

Date Received:

Field Prep:

Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-38 Date Collected: 09/28/15 14:20

Client ID: H3

Sample Location: SYRACUSE, NY

Matrix: Soil
Analytical Method: 1,8260C

Analytical Date: 09/29/15 16:10

Analyst: BN Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westboroug	jh Lab					
Methylene chloride	ND		ug/kg	12	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.45	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.3	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.37	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.1	0.47	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.9	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.1	0.36	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.1	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	6.1	0.16	1

ND



1

6.1

ug/kg

0.17

1,4-Dichlorobenzene

Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-38 Date Collected: 09/28/15 14:20

Client ID: H3 Date Received: 09/28/15 Sample Location: SYRACUSE, NY Field Prep: Not Specified

**Parameter** Result Qualifier Units RLMDL **Dilution Factor** Volatile Organics by GC/MS - Westborough Lab Methyl tert butyl ether ND 2.4 0.10 ug/kg 1 p/m-Xylene ND ug/kg 2.4 0.24 1 o-Xylene ND 2.4 0.21 1 ug/kg cis-1,2-Dichloroethene ND 1.2 0.17 1 ug/kg Styrene ND 2.4 0.49 1 ug/kg Dichlorodifluoromethane ND 0.23 1 12 ug/kg ND Acetone 12 1.3 1 ug/kg Carbon disulfide ND 12 1.3 1 ug/kg ND 2-Butanone ug/kg 12 0.33 1 4-Methyl-2-pentanone ND 12 0.30 1 ug/kg ND 12 2-Hexanone ug/kg 0.82 1 Bromochloromethane ND 6.1 0.34 1 ug/kg 1,2-Dibromoethane ND 4.9 0.21 1 ug/kg ND 6.1 0.48 1 1,2-Dibromo-3-chloropropane ug/kg Isopropylbenzene ND 1.2 0.13 1 ug/kg 1,2,3-Trichlorobenzene ND 6.1 0.18 1 ug/kg ND 1,2,4-Trichlorobenzene 6.1 0.22 1 ug/kg Methyl Acetate ND 24 0.33 1 ug/kg Cyclohexane ND 24 0.18 1 ug/kg 1,4-Dioxane ND 120 1 18. ug/kg Freon-113 ND 24 0.34 1 ug/kg Methyl cyclohexane ND ug/kg 4.9 0.19 1

% Recovery	Qualifier	Acceptance Criteria	
95		70-130	
103		70-130	
104		70-130	
103		70-130	
	95 103 104	95 103 104	% Recovery         Qualifier         Criteria           95         70-130           103         70-130           104         70-130



L1524253

09/30/15

**Project Name:** Lab Number: **DESTINY** 

**Project Number:** 15151

**SAMPLE RESULTS** 

Data Collected

Report Date:

09/28/15 14:23 Lab ID: L1524253-39

Client ID: H4

SYRACUSE, NY Sample Location:

Matrix: Soil Analytical Method: 1,8260C Analytical Date: 09/29/15 16:37

Analyst: ΒN 83% Percent Solids:

09/28/15 14:23
09/28/15
Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Wes	stborough Lab					
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.44	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.2	0.27	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.36	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.0	0.47	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.8	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	6.0	0.35	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.25	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.0	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	6.0	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	6.0	0.17	1



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-39 Date Collected: 09/28/15 14:23

Client ID: H4 Date Received: 09/28/15 Sample Location: SYRACUSE, NY Field Prep: Not Specified

**Parameter** Result Qualifier Units RLMDL **Dilution Factor** Volatile Organics by GC/MS - Westborough Lab Methyl tert butyl ether ND 2.4 0.10 ug/kg 1 p/m-Xylene ND ug/kg 2.4 0.24 1 o-Xylene ND 2.4 0.21 1 ug/kg cis-1,2-Dichloroethene ND 1.2 0.17 1 ug/kg Styrene ND 2.4 0.48 1 ug/kg Dichlorodifluoromethane ND 0.23 1 12 ug/kg ND Acetone 12 1.2 1 ug/kg Carbon disulfide ND 12 1 ug/kg 1.3 ND 2-Butanone ug/kg 12 0.33 1 4-Methyl-2-pentanone ND 12 0.29 1 ug/kg ND 2-Hexanone ug/kg 12 0.80 1 Bromochloromethane ND 6.0 0.33 1 ug/kg 1,2-Dibromoethane ND 4.8 0.21 1 ug/kg ND 6.0 0.48 1 1,2-Dibromo-3-chloropropane ug/kg Isopropylbenzene ND 1.2 0.12 1 ug/kg 1,2,3-Trichlorobenzene ND 6.0 0.18 1 ug/kg ND 1,2,4-Trichlorobenzene 6.0 0.22 1 ug/kg Methyl Acetate ND 24 0.32 1 ug/kg Cyclohexane ND 24 0.18 1 ug/kg 1,4-Dioxane ND 120 17. 1 ug/kg Freon-113 ND 24 0.33 1 ug/kg

ug/kg

4.8

0.18

% Recovery	Qualifier	Acceptance Criteria	
96		70-130	
103		70-130	
102		70-130	
106		70-130	
	96 103 102	96 103 102	% Recovery         Qualifier         Criteria           96         70-130           103         70-130           102         70-130

ND



1

Methyl cyclohexane

Project Name:DESTINYLab Number:L1524253Project Number:15151Report Date:09/30/15

# Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C Analytical Date: 09/29/15 08:54

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL	
Volatile Organics by GC/MS - Batch: WG826316-3	Westborough Lab	o for samp	le(s): 15	5,17,19-20,22-2	5,27,29-30,32-3	34
Methylene chloride	ND		ug/kg	10	1.1	
1,1-Dichloroethane	ND		ug/kg	1.5	0.09	
Chloroform	ND		ug/kg	1.5	0.37	
Carbon tetrachloride	ND		ug/kg	1.0	0.21	
1,2-Dichloropropane	ND		ug/kg	3.5	0.23	
Dibromochloromethane	ND		ug/kg	1.0	0.15	
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30	
Tetrachloroethene	ND		ug/kg	1.0	0.14	
Chlorobenzene	ND		ug/kg	1.0	0.35	
Trichlorofluoromethane	ND		ug/kg	5.0	0.39	
1,2-Dichloroethane	ND		ug/kg	1.0	0.11	
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11	
Bromodichloromethane	ND		ug/kg	1.0	0.17	
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	
Bromoform	ND		ug/kg	4.0	0.24	
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10	
Benzene	ND		ug/kg	1.0	0.12	
Toluene	ND		ug/kg	1.5	0.19	
Ethylbenzene	ND		ug/kg	1.0	0.13	
Chloromethane	0.82	J	ug/kg	5.0	0.29	
Bromomethane	1.8	J	ug/kg	2.0	0.34	
Vinyl chloride	ND		ug/kg	2.0	0.12	
Chloroethane	ND		ug/kg	2.0	0.32	
1,1-Dichloroethene	ND		ug/kg	1.0	0.26	
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21	
Trichloroethene	ND		ug/kg	1.0	0.12	
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15	
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14	



Project Name:DESTINYLab Number:L1524253Project Number:15151Report Date:09/30/15

# Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C Analytical Date: 09/29/15 08:54

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL	
Volatile Organics by GC/MS - Westk Batch: WG826316-3	oorough Lab	for sample	e(s): 1	5,17,19-20,22-25	5,27,29-30,32-3	34
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14	
Methyl tert butyl ether	ND		ug/kg	2.0	0.08	
p/m-Xylene	ND		ug/kg	2.0	0.20	
o-Xylene	ND		ug/kg	2.0	0.17	
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14	
Styrene	ND		ug/kg	2.0	0.40	
Dichlorodifluoromethane	ND		ug/kg	10	0.19	
Acetone	ND		ug/kg	10	1.0	
Carbon disulfide	ND		ug/kg	10	1.1	
2-Butanone	ND		ug/kg	10	0.27	
4-Methyl-2-pentanone	ND		ug/kg	10	0.24	
2-Hexanone	ND		ug/kg	10	0.67	
Bromochloromethane	ND		ug/kg	5.0	0.28	
1,2-Dibromoethane	ND		ug/kg	4.0	0.17	
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40	
Isopropylbenzene	ND		ug/kg	1.0	0.10	
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15	
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18	
Methyl Acetate	ND		ug/kg	20	0.27	
Cyclohexane	ND		ug/kg	20	0.15	
1,4-Dioxane	ND		ug/kg	100	14.	
Freon-113	ND		ug/kg	20	0.27	
Methyl cyclohexane	ND		ug/kg	4.0	0.15	



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C Analytical Date: 09/29/15 08:54

Analyst: BN

Parameter Result Qualifier Units RL MDL

Volatile Organics by GC/MS - Westborough Lab for sample(s): 15,17,19-20,22-25,27,29-30,32-34

Batch: WG826316-3

	Acceptance					
Surrogate	%Recovery	Qualifier	Criteria			
1,2-Dichloroethane-d4	103		70-130			
Toluene-d8	107		70-130			
4-Bromofluorobenzene	105		70-130			
Dibromofluoromethane	96		70-130			
Dibromofluoromethane	96		70-130			



Project Name:DESTINYLab Number:L1524253Project Number:15151Report Date:09/30/15

#### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C Analytical Date: 09/29/15 09:15

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL	
Volatile Organics by GC/MS - WG826318-3	· Westborough Lal	b for sample	e(s):	01,03-05,07,09-1	1,13-14	Batch:
Methylene chloride	ND		ug/kg	10	1.1	
1,1-Dichloroethane	ND		ug/kg	1.5	0.09	
Chloroform	ND		ug/kg	1.5	0.37	
Carbon tetrachloride	ND		ug/kg	1.0	0.21	
1,2-Dichloropropane	ND		ug/kg	3.5	0.23	
Dibromochloromethane	ND		ug/kg	1.0	0.15	
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30	
Tetrachloroethene	ND		ug/kg	1.0	0.14	
Chlorobenzene	ND		ug/kg	1.0	0.35	
Trichlorofluoromethane	ND		ug/kg	5.0	0.39	
1,2-Dichloroethane	ND		ug/kg	1.0	0.11	
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11	
Bromodichloromethane	ND		ug/kg	1.0	0.17	
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	
Bromoform	ND		ug/kg	4.0	0.24	
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10	
Benzene	ND		ug/kg	1.0	0.12	
Toluene	ND		ug/kg	1.5	0.19	
Ethylbenzene	ND		ug/kg	1.0	0.13	
Chloromethane	ND		ug/kg	5.0	0.29	
Bromomethane	ND		ug/kg	2.0	0.34	
Vinyl chloride	ND		ug/kg	2.0	0.12	
Chloroethane	ND		ug/kg	2.0	0.32	
1,1-Dichloroethene	ND		ug/kg	1.0	0.26	
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21	
Trichloroethene	ND		ug/kg	1.0	0.12	
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15	
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14	



Project Name:DESTINYLab Number:L1524253Project Number:15151Report Date:09/30/15

#### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C Analytical Date: 09/29/15 09:15

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL	
Volatile Organics by GC/MS - Westb WG826318-3	orough Lab	for sampl	e(s): 0°	1,03-05,07,09-11	,13-14	Batch:
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14	
Methyl tert butyl ether	ND		ug/kg	2.0	0.08	
p/m-Xylene	ND		ug/kg	2.0	0.20	
o-Xylene	ND		ug/kg	2.0	0.17	
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14	
Styrene	ND		ug/kg	2.0	0.40	
Dichlorodifluoromethane	ND		ug/kg	10	0.19	
Acetone	ND		ug/kg	10	1.0	
Carbon disulfide	ND		ug/kg	10	1.1	
2-Butanone	ND		ug/kg	10	0.27	
4-Methyl-2-pentanone	ND		ug/kg	10	0.24	
2-Hexanone	ND		ug/kg	10	0.67	
Bromochloromethane	ND		ug/kg	5.0	0.28	
1,2-Dibromoethane	ND		ug/kg	4.0	0.17	
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40	
Isopropylbenzene	ND		ug/kg	1.0	0.10	
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15	
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18	
Methyl Acetate	ND		ug/kg	20	0.27	
Cyclohexane	ND		ug/kg	20	0.15	
1,4-Dioxane	ND		ug/kg	100	14.	
Freon-113	ND		ug/kg	20	0.27	
Methyl cyclohexane	ND		ug/kg	4.0	0.15	



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C Analytical Date: 09/29/15 09:15

Analyst: BN

Parameter Result Qualifier Units RL MDL

Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-05,07,09-11,13-14 Batch: WG826318-3

			Acceptance	
Surrogate	%Recovery	Qualifier	Criteria	
4.0 Diablamenthana d4	400		70.400	
1,2-Dichloroethane-d4	103		70-130	
Toluene-d8	92		70-130	
4-Bromofluorobenzene	98		70-130	
Dibromofluoromethane	106		70-130	



Project Name:DESTINYLab Number:L1524253Project Number:15151Report Date:09/30/15

#### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C Analytical Date: 09/29/15 08:58

Analyst: BN

Methylene chloride         ND         ug/kg         10         1.1           1,1-Dichloroethane         ND         ug/kg         1.5         0.09           Chloroform         ND         ug/kg         1.5         0.37           Carbon tetrachloride         ND         ug/kg         1.5         0.37           Carbon tetrachloride         ND         ug/kg         3.5         0.23           Dibromochloromethane         ND         ug/kg         1.0         0.15           1,2-Trichloroethane         ND         ug/kg         1.5         0.30           Tetrachloroethane         ND         ug/kg         1.0         0.14           Chlorobenzene         ND         ug/kg         1.0         0.14           Chlorofluoromethane         ND         ug/kg         1.0         0.35           Trichlorofluoromethane         ND         ug/kg         1.0         0.11           1,1,1-Trichloroethane         ND         ug/kg         1.0         0.11           Bromodichloromethane         ND         ug/kg         1.0         0.11           1,1,2-Tetrachloropropene         ND         ug/kg         1.0         0.12           cis-1,3-Dichloropropene         N	Parameter	Result	Qualifier U	Jnits	RL	MDL
1,1-Dichloroethane         ND         ug/kg         1.5         0.09           Chloroform         ND         ug/kg         1.5         0.37           Carbon tetrachloride         ND         ug/kg         1.0         0.21           1,2-Dichloropropane         ND         ug/kg         3.5         0.23           Dibromochloromethane         ND         ug/kg         1.0         0.15           1,1,2-Trichloroethane         ND         ug/kg         1.0         0.14           Chlorobenzene         ND         ug/kg         1.0         0.35           Trichlorofluoromethane         ND         ug/kg         5.0         0.39           1,2-Dichloroethane         ND         ug/kg         1.0         0.11           Bromodichloromethane         ND         ug/kg         1.0         0.17           trans-1,3-Dichloropropene         ND         ug/kg         1.0         0.12           Bromoform         ND         ug/kg <td>Volatile Organics by GC/MS</td> <td>- Westborough La</td> <td>b for sample(</td> <td>s):</td> <td>36,38-39 Batch:</td> <td>WG826323-3</td>	Volatile Organics by GC/MS	- Westborough La	b for sample(	s):	36,38-39 Batch:	WG826323-3
Chloroform         ND         ug/kg         1.5         0.37           Carbon tetrachloride         ND         ug/kg         1.0         0.21           1,2-Dichloropropane         ND         ug/kg         3.5         0.23           Dibromochloromethane         ND         ug/kg         1.0         0.15           1,1,2-Trichloroethane         ND         ug/kg         1.5         0.30           Tetrachloroethene         ND         ug/kg         1.0         0.14           Chlorobenzene         ND         ug/kg         1.0         0.35           Trichlorofluoromethane         ND         ug/kg         1.0         0.35           Trichlorofluoromethane         ND         ug/kg         1.0         0.11           1,2-Dichloroethane         ND         ug/kg         1.0         0.11           Bromodichloromethane         ND         ug/kg         1.0         0.11           trans-1,3-Dichloropropene         ND         ug/kg         1.0         0.12           cis-1,3-Dichloropropene         ND         ug/kg         1.0         0.12           Bromoform         ND         ug/kg         1.0         0.12           Benzene         ND         <	Methylene chloride	ND	ι	ug/kg	10	1.1
Carbon tetrachloride         ND         ug/kg         1.0         0.21           1,2-Dichloropropane         ND         ug/kg         3.5         0.23           Dibromochloromethane         ND         ug/kg         1.0         0.15           1,1,2-Trichloroethane         ND         ug/kg         1.5         0.30           Tetrachloroethane         ND         ug/kg         1.0         0.14           Chlorobenzene         ND         ug/kg         1.0         0.35           Trichlorofluoromethane         ND         ug/kg         5.0         0.39           1,2-Dichloroethane         ND         ug/kg         1.0         0.11           1,1,1-Trichloroethane         ND         ug/kg         1.0         0.11           1,1,1-Trichloroethane         ND         ug/kg         1.0         0.11           Bromodichloromethane         ND         ug/kg         1.0         0.17           trans-1,3-Dichloropropene         ND         ug/kg         1.0         0.12           cis-1,3-Dichloropropene         ND         ug/kg         1.0         0.12           Bromoform         ND         ug/kg         1.0         0.12           Toluene         ND	1,1-Dichloroethane	ND	l	ug/kg	1.5	0.09
1,2-Dichloropropane   ND	Chloroform	ND	ı	ug/kg	1.5	0.37
Dibromochloromethane         ND         ug/kg         1.0         0.15           1,1,2-Trichloroethane         ND         ug/kg         1.5         0.30           Tetrachloroethene         ND         ug/kg         1.0         0.14           Chlorobenzene         ND         ug/kg         1.0         0.35           Trichlorofluoromethane         ND         ug/kg         5.0         0.39           1,2-Dichloroethane         ND         ug/kg         1.0         0.11           1,1,1-Trichloroethane         ND         ug/kg         1.0         0.11           Bromodichloromethane         ND         ug/kg         1.0         0.17           trans-1,3-Dichloropropene         ND         ug/kg         1.0         0.12           cis-1,3-Dichloropropene         ND         ug/kg         1.0         0.12           Bromoform         ND         ug/kg         1.0         0.12           Bromoform         ND         ug/kg         1.0         0.10           Benzene         ND         ug/kg         1.0         0.10           Benzene         ND         ug/kg         1.5         0.19           Ethylbenzene         ND         ug/kg	Carbon tetrachloride	ND	ı	ug/kg	1.0	0.21
1,1,2-Trichloroethane         ND         ug/kg         1.5         0.30           Tetrachloroethene         ND         ug/kg         1.0         0.14           Chlorobenzene         ND         ug/kg         1.0         0.35           Trichlorofluoromethane         ND         ug/kg         5.0         0.39           1,2-Dichloroethane         ND         ug/kg         1.0         0.11           1,1,1-Trichloroethane         ND         ug/kg         1.0         0.11           Bromodichloromethane         ND         ug/kg         1.0         0.17           trans-1,3-Dichloropropene         ND         ug/kg         1.0         0.12           cis-1,3-Dichloropropene         ND         ug/kg         1.0         0.12           Bromoform         ND         ug/kg         1.0         0.12           Bromoform         ND         ug/kg         1.0         0.12           Intuition         ND         ug/kg         1.0         0.10           Benzene         ND         ug/kg         1.0         0.12           Toluene         ND         ug/kg         1.5         0.19           Ethylbenzene         ND         ug/kg         5.0 <td>1,2-Dichloropropane</td> <td>ND</td> <td>ı</td> <td>ug/kg</td> <td>3.5</td> <td>0.23</td>	1,2-Dichloropropane	ND	ı	ug/kg	3.5	0.23
Tetrachloroethene         ND         ug/kg         1.0         0.14           Chlorobenzene         ND         ug/kg         1.0         0.35           Trichlorofluoromethane         ND         ug/kg         5.0         0.39           1,2-Dichloroethane         ND         ug/kg         1.0         0.11           1,1,1-Trichloroethane         ND         ug/kg         1.0         0.11           Bromodichloromethane         ND         ug/kg         1.0         0.17           trans-1,3-Dichloropropene         ND         ug/kg         1.0         0.12           cis-1,3-Dichloropropene         ND         ug/kg         1.0         0.12           Bromoform         ND         ug/kg         4.0         0.24           1,1,2,2-Tetrachloroethane         ND         ug/kg         1.0         0.10           Benzene         ND         ug/kg         1.0         0.12           Toluene         ND         ug/kg         1.5         0.19           Ethylbenzene         ND         ug/kg         1.0         0.13           Chloromethane         ND         ug/kg         2.0         0.34           Vinyl chloride         ND         ug/kg	Dibromochloromethane	ND	ı	ug/kg	1.0	0.15
Chlorobenzene         ND         ug/kg         1.0         0.35           Trichlorofluoromethane         ND         ug/kg         5.0         0.39           1,2-Dichloroethane         ND         ug/kg         1.0         0.11           1,1,1-Trichloroethane         ND         ug/kg         1.0         0.11           Bromodichloromethane         ND         ug/kg         1.0         0.17           trans-1,3-Dichloropropene         ND         ug/kg         1.0         0.12           cis-1,3-Dichloropropene         ND         ug/kg         1.0         0.12           Bromoform         ND         ug/kg         4.0         0.24           1,1,2,2-Tetrachloroethane         ND         ug/kg         1.0         0.10           Benzene         ND         ug/kg         1.0         0.12           Toluene         ND         ug/kg         1.5         0.19           Ethylbenzene         ND         ug/kg         1.0         0.13           Chloromethane         ND         ug/kg         2.0         0.34           Vinyl chloride         ND         ug/kg         2.0         0.32           1,1-Dichloroethene         ND         ug/kg	1,1,2-Trichloroethane	ND	ı	ug/kg	1.5	0.30
Trichlorofluoromethane         ND         ug/kg         5.0         0.39           1,2-Dichloroethane         ND         ug/kg         1.0         0.11           1,1,1-Trichloroethane         ND         ug/kg         1.0         0.11           Bromodichloromethane         ND         ug/kg         1.0         0.17           trans-1,3-Dichloropropene         ND         ug/kg         1.0         0.12           cis-1,3-Dichloropropene         ND         ug/kg         1.0         0.12           Bromoform         ND         ug/kg         4.0         0.24           1,1,2,2-Tetrachloroethane         ND         ug/kg         1.0         0.10           Benzene         ND         ug/kg         1.0         0.12           Toluene         ND         ug/kg         1.5         0.19           Ethylbenzene         ND         ug/kg         1.0         0.13           Chloromethane         ND         ug/kg         5.0         0.29           Bromomethane         ND         ug/kg         2.0         0.34           Vinyl chloride         ND         ug/kg         2.0         0.32           Chloroethane         ND         ug/kg	Tetrachloroethene	ND	ı	ug/kg	1.0	0.14
1,2-Dichloroethane         ND         ug/kg         1.0         0.11           1,1,1-Trichloroethane         ND         ug/kg         1.0         0.11           Bromodichloromethane         ND         ug/kg         1.0         0.17           trans-1,3-Dichloropropene         ND         ug/kg         1.0         0.12           cis-1,3-Dichloropropene         ND         ug/kg         1.0         0.12           Bromoform         ND         ug/kg         4.0         0.24           1,1,2,2-Tetrachloroethane         ND         ug/kg         1.0         0.10           Benzene         ND         ug/kg         1.0         0.12           Toluene         ND         ug/kg         1.5         0.19           Ethylbenzene         ND         ug/kg         1.0         0.13           Chloromethane         ND         ug/kg         5.0         0.29           Bromomethane         ND         ug/kg         2.0         0.34           Vinyl chloride         ND         ug/kg         2.0         0.32           Chloroethane         ND         ug/kg         1.0         0.26           trans-1,2-Dichloroethene         ND         ug/kg <t< td=""><td>Chlorobenzene</td><td>ND</td><td>ı</td><td>ug/kg</td><td>1.0</td><td>0.35</td></t<>	Chlorobenzene	ND	ı	ug/kg	1.0	0.35
1,1,1-Trichloroethane	Trichlorofluoromethane	ND	ı	ug/kg	5.0	0.39
Bromodichloromethane         ND         ug/kg         1.0         0.17           trans-1,3-Dichloropropene         ND         ug/kg         1.0         0.12           cis-1,3-Dichloropropene         ND         ug/kg         1.0         0.12           Bromoform         ND         ug/kg         4.0         0.24           1,1,2,2-Tetrachloroethane         ND         ug/kg         1.0         0.10           Benzene         ND         ug/kg         1.0         0.12           Toluene         ND         ug/kg         1.5         0.19           Ethylbenzene         ND         ug/kg         1.0         0.13           Chloromethane         ND         ug/kg         5.0         0.29           Bromomethane         ND         ug/kg         2.0         0.34           Vinyl chloride         ND         ug/kg         2.0         0.12           Chloroethane         ND         ug/kg         2.0         0.32           1,1-Dichloroethene         ND         ug/kg         1.0         0.26           trans-1,2-Dichloroethene         ND         ug/kg         1.5         0.21           Trichloroethene         ND         ug/kg         5.0<	1,2-Dichloroethane	ND	ı	ug/kg	1.0	0.11
trans-1,3-Dichloropropene         ND         ug/kg         1.0         0.12           cis-1,3-Dichloropropene         ND         ug/kg         1.0         0.12           Bromoform         ND         ug/kg         4.0         0.24           1,1,2,2-Tetrachloroethane         ND         ug/kg         1.0         0.10           Benzene         ND         ug/kg         1.0         0.12           Toluene         ND         ug/kg         1.5         0.19           Ethylbenzene         ND         ug/kg         1.0         0.13           Chloromethane         ND         ug/kg         5.0         0.29           Bromomethane         ND         ug/kg         2.0         0.34           Vinyl chloride         ND         ug/kg         2.0         0.12           Chloroethane         ND         ug/kg         2.0         0.32           1,1-Dichloroethene         ND         ug/kg         1.0         0.26           trans-1,2-Dichloroethene         ND         ug/kg         1.5         0.21           Trichloroethene         ND         ug/kg         5.0         0.15	1,1,1-Trichloroethane	ND	ı	ug/kg	1.0	0.11
cis-1,3-Dichloropropene         ND         ug/kg         1.0         0.12           Bromoform         ND         ug/kg         4.0         0.24           1,1,2,2-Tetrachloroethane         ND         ug/kg         1.0         0.10           Benzene         ND         ug/kg         1.0         0.12           Toluene         ND         ug/kg         1.5         0.19           Ethylbenzene         ND         ug/kg         1.0         0.13           Chloromethane         ND         ug/kg         5.0         0.29           Bromomethane         ND         ug/kg         2.0         0.34           Vinyl chloride         ND         ug/kg         2.0         0.12           Chloroethane         ND         ug/kg         2.0         0.32           1,1-Dichloroethene         ND         ug/kg         1.0         0.26           trans-1,2-Dichloroethene         ND         ug/kg         1.5         0.21           Trichloroethene         ND         ug/kg         5.0         0.15           1,2-Dichlorobenzene         ND         ug/kg         5.0         0.15	Bromodichloromethane	ND	ı	ug/kg	1.0	0.17
Bromoform         ND         ug/kg         4.0         0.24           1,1,2,2-Tetrachloroethane         ND         ug/kg         1.0         0.10           Benzene         ND         ug/kg         1.0         0.12           Toluene         ND         ug/kg         1.5         0.19           Ethylbenzene         ND         ug/kg         1.0         0.13           Chloromethane         ND         ug/kg         5.0         0.29           Bromomethane         ND         ug/kg         2.0         0.34           Vinyl chloride         ND         ug/kg         2.0         0.12           Chloroethane         ND         ug/kg         2.0         0.32           1,1-Dichloroethene         ND         ug/kg         1.0         0.26           trans-1,2-Dichloroethene         ND         ug/kg         1.5         0.21           Trichloroethene         ND         ug/kg         1.0         0.12           1,2-Dichlorobenzene         ND         ug/kg         5.0         0.15	trans-1,3-Dichloropropene	ND	ı	ug/kg	1.0	0.12
1,1,2,2-Tetrachloroethane         ND         ug/kg         1.0         0.10           Benzene         ND         ug/kg         1.0         0.12           Toluene         ND         ug/kg         1.5         0.19           Ethylbenzene         ND         ug/kg         1.0         0.13           Chloromethane         ND         ug/kg         5.0         0.29           Bromomethane         ND         ug/kg         2.0         0.34           Vinyl chloride         ND         ug/kg         2.0         0.12           Chloroethane         ND         ug/kg         2.0         0.32           1,1-Dichloroethene         ND         ug/kg         1.0         0.26           trans-1,2-Dichloroethene         ND         ug/kg         1.5         0.21           Trichloroethene         ND         ug/kg         1.0         0.12           1,2-Dichlorobenzene         ND         ug/kg         5.0         0.15	cis-1,3-Dichloropropene	ND	ı	ug/kg	1.0	0.12
Benzene         ND         ug/kg         1.0         0.12           Toluene         ND         ug/kg         1.5         0.19           Ethylbenzene         ND         ug/kg         1.0         0.13           Chloromethane         ND         ug/kg         5.0         0.29           Bromomethane         ND         ug/kg         2.0         0.34           Vinyl chloride         ND         ug/kg         2.0         0.12           Chloroethane         ND         ug/kg         2.0         0.32           1,1-Dichloroethene         ND         ug/kg         1.0         0.26           trans-1,2-Dichloroethene         ND         ug/kg         1.5         0.21           Trichloroethene         ND         ug/kg         1.0         0.12           1,2-Dichlorobenzene         ND         ug/kg         5.0         0.15	Bromoform	ND	ı	ug/kg	4.0	0.24
Toluene         ND         ug/kg         1.5         0.19           Ethylbenzene         ND         ug/kg         1.0         0.13           Chloromethane         ND         ug/kg         5.0         0.29           Bromomethane         ND         ug/kg         2.0         0.34           Vinyl chloride         ND         ug/kg         2.0         0.12           Chloroethane         ND         ug/kg         2.0         0.32           1,1-Dichloroethene         ND         ug/kg         1.0         0.26           trans-1,2-Dichloroethene         ND         ug/kg         1.5         0.21           Trichloroethene         ND         ug/kg         1.0         0.12           1,2-Dichlorobenzene         ND         ug/kg         5.0         0.15	1,1,2,2-Tetrachloroethane	ND	ı	ug/kg	1.0	0.10
Ethylbenzene         ND         ug/kg         1.0         0.13           Chloromethane         ND         ug/kg         5.0         0.29           Bromomethane         ND         ug/kg         2.0         0.34           Vinyl chloride         ND         ug/kg         2.0         0.12           Chloroethane         ND         ug/kg         2.0         0.32           1,1-Dichloroethene         ND         ug/kg         1.0         0.26           trans-1,2-Dichloroethene         ND         ug/kg         1.5         0.21           Trichloroethene         ND         ug/kg         1.0         0.12           1,2-Dichlorobenzene         ND         ug/kg         5.0         0.15	Benzene	ND	ı	ug/kg	1.0	0.12
Chloromethane         ND         ug/kg         5.0         0.29           Bromomethane         ND         ug/kg         2.0         0.34           Vinyl chloride         ND         ug/kg         2.0         0.12           Chloroethane         ND         ug/kg         2.0         0.32           1,1-Dichloroethene         ND         ug/kg         1.0         0.26           trans-1,2-Dichloroethene         ND         ug/kg         1.5         0.21           Trichloroethene         ND         ug/kg         1.0         0.12           1,2-Dichlorobenzene         ND         ug/kg         5.0         0.15	Toluene	ND	ı	ug/kg	1.5	0.19
Bromomethane         ND         ug/kg         2.0         0.34           Vinyl chloride         ND         ug/kg         2.0         0.12           Chloroethane         ND         ug/kg         2.0         0.32           1,1-Dichloroethene         ND         ug/kg         1.0         0.26           trans-1,2-Dichloroethene         ND         ug/kg         1.5         0.21           Trichloroethene         ND         ug/kg         1.0         0.12           1,2-Dichlorobenzene         ND         ug/kg         5.0         0.15	Ethylbenzene	ND	ι	ug/kg	1.0	0.13
Vinyl chloride         ND         ug/kg         2.0         0.12           Chloroethane         ND         ug/kg         2.0         0.32           1,1-Dichloroethene         ND         ug/kg         1.0         0.26           trans-1,2-Dichloroethene         ND         ug/kg         1.5         0.21           Trichloroethene         ND         ug/kg         1.0         0.12           1,2-Dichlorobenzene         ND         ug/kg         5.0         0.15	Chloromethane	ND	ı	ug/kg	5.0	0.29
Chloroethane         ND         ug/kg         2.0         0.32           1,1-Dichloroethene         ND         ug/kg         1.0         0.26           trans-1,2-Dichloroethene         ND         ug/kg         1.5         0.21           Trichloroethene         ND         ug/kg         1.0         0.12           1,2-Dichlorobenzene         ND         ug/kg         5.0         0.15	Bromomethane	ND	ι	ug/kg	2.0	0.34
1,1-Dichloroethene         ND         ug/kg         1.0         0.26           trans-1,2-Dichloroethene         ND         ug/kg         1.5         0.21           Trichloroethene         ND         ug/kg         1.0         0.12           1,2-Dichlorobenzene         ND         ug/kg         5.0         0.15	Vinyl chloride	ND	ı	ug/kg	2.0	0.12
trans-1,2-Dichloroethene         ND         ug/kg         1.5         0.21           Trichloroethene         ND         ug/kg         1.0         0.12           1,2-Dichlorobenzene         ND         ug/kg         5.0         0.15	Chloroethane	ND	ı	ug/kg	2.0	0.32
Trichloroethene         ND         ug/kg         1.0         0.12           1,2-Dichlorobenzene         ND         ug/kg         5.0         0.15	1,1-Dichloroethene	ND	l	ug/kg	1.0	0.26
1,2-Dichlorobenzene ND ug/kg 5.0 0.15	trans-1,2-Dichloroethene	ND	l	ug/kg	1.5	0.21
· · · · · · · · · · · · · · · · · · ·	Trichloroethene	ND	l	ug/kg	1.0	0.12
1,3-Dichlorobenzene ND ug/kg 5.0 0.14	1,2-Dichlorobenzene	ND	l	ug/kg	5.0	0.15
	1,3-Dichlorobenzene	ND	l	ug/kg	5.0	0.14



Project Name:DESTINYLab Number:L1524253Project Number:15151Report Date:09/30/15

#### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C Analytical Date: 09/29/15 08:58

Analyst: BN

Parameter	Result	Qualifier Units	RL	MDL	
Volatile Organics by GC/MS -	Westborough Lab	for sample(s):	36,38-39 Batc	h: WG826323-3	
1,4-Dichlorobenzene	ND	ug/kg	5.0	0.14	
Methyl tert butyl ether	ND	ug/kg	2.0	0.08	
p/m-Xylene	ND	ug/kg	2.0	0.20	
o-Xylene	ND	ug/kg	2.0	0.17	
cis-1,2-Dichloroethene	ND	ug/kg	1.0	0.14	
Styrene	ND	ug/kg	2.0	0.40	
Dichlorodifluoromethane	ND	ug/kg	10	0.19	
Acetone	ND	ug/kg	10	1.0	
Carbon disulfide	ND	ug/kg	10	1.1	
2-Butanone	ND	ug/kg	10	0.27	
4-Methyl-2-pentanone	ND	ug/kg	10	0.24	
2-Hexanone	ND	ug/kg	10	0.67	
Bromochloromethane	ND	ug/kg	5.0	0.28	
1,2-Dibromoethane	ND	ug/kg	4.0	0.17	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	0.40	
Isopropylbenzene	ND	ug/kg	1.0	0.10	
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	0.15	
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	0.18	
Methyl Acetate	ND	ug/kg	20	0.27	
Cyclohexane	ND	ug/kg	20	0.15	
1,4-Dioxane	ND	ug/kg	100	14.	
Freon-113	ND	ug/kg	20	0.27	
Methyl cyclohexane	ND	ug/kg	4.0	0.15	



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C Analytical Date: 09/29/15 08:58

Analyst: BN

ParameterResultQualifierUnitsRLMDLVolatile Organics by GC/MS - Westborough Lab for sample(s): 36,38-39Batch: WG826323-3

			Acceptance				
Surrogate	%Recovery	Qualifier	Criteria				
1,2-Dichloroethane-d4	93		70-130				
Toluene-d8	101		70-130				
4-Bromofluorobenzene	96		70-130				
Dibromofluoromethane	103		70-130				



Project Name: DESTINY

**Project Number:** 15151

Lab Number: L1524253

arameter	LCS %Recovery	Qual	LCSD %Recovery	% Qual	Recovery Limits	RPD	Qual	RPD Limits
olatile Organics by GC/MS - Westboroug	gh Lab Associated	sample(s):	15,17,19-20,22-25,2	7,29-30,32-34	Batch:	WG826316-1	WG826316-2	
Methylene chloride	94		92		70-130	2		30
1,1-Dichloroethane	98		98		70-130	0		30
Chloroform	98		98		70-130	0		30
Carbon tetrachloride	106		102		70-130	4		30
1,2-Dichloropropane	95		97		70-130	2		30
Dibromochloromethane	102		103		70-130	1		30
2-Chloroethylvinyl ether	87		86		70-130	1		30
1,1,2-Trichloroethane	104		104		70-130	0		30
Tetrachloroethene	119		115		70-130	3		30
Chlorobenzene	107		106		70-130	1		30
Trichlorofluoromethane	113		107		70-139	5		30
1,2-Dichloroethane	92		95		70-130	3		30
1,1,1-Trichloroethane	105		102		70-130	3		30
Bromodichloromethane	94		96		70-130	2		30
trans-1,3-Dichloropropene	105		107		70-130	2		30
cis-1,3-Dichloropropene	98		100		70-130	2		30
1,1-Dichloropropene	109		105		70-130	4		30
Bromoform	98		102		70-130	4		30
1,1,2,2-Tetrachloroethane	100		103		70-130	3		30
Benzene	99		98		70-130	1		30
Toluene	111		108		70-130	3		30



Project Name: DESTINY

**Project Number:** 15151

Lab Number: L1524253

arameter	LCS %Recovery	Qual	LCSD %Recovery		Recovery Limits	RPD	Qual	RPD Limits
olatile Organics by GC/MS - Westborough	Lab Associated	sample(s):	15,17,19-20,22-25,27	7,29-30,32-34	Batch:	WG826316-1	WG826316-2	
Ethylbenzene	110		110		70-130	0		30
Chloromethane	101		100		52-130	1		30
Bromomethane	101		91		57-147	10		30
Vinyl chloride	102		99		67-130	3		30
Chloroethane	114		94		50-151	19		30
1,1-Dichloroethene	106		102		65-135	4		30
trans-1,2-Dichloroethene	103		101		70-130	2		30
Trichloroethene	103		100		70-130	3		30
1,2-Dichlorobenzene	108		110		70-130	2		30
1,3-Dichlorobenzene	112		112		70-130	0		30
1,4-Dichlorobenzene	111		112		70-130	1		30
Methyl tert butyl ether	95		96		66-130	1		30
p/m-Xylene	112		111		70-130	1		30
o-Xylene	110		110		70-130	0		30
cis-1,2-Dichloroethene	100		99		70-130	1		30
Dibromomethane	94		94		70-130	0		30
Styrene	110		110		70-130	0		30
Dichlorodifluoromethane	118		110		30-146	7		30
Acetone	89		91		54-140	2		30
Carbon disulfide	97		96		59-130	1		30
2-Butanone	83		88		70-130	6		30



Project Name: DESTINY

**Project Number:** 15151

Lab Number: L1524253

arameter	LCS %Recovery	Qual	LCSD %Recovery	% Qual	Recovery Limits	RPD	Qual	RPD Limits
olatile Organics by GC/MS - Westboroug	h Lab Associated	sample(s):	15,17,19-20,22-25,2	7,29-30,32-34	Batch:	WG826316-1	WG826316-2	
Vinyl acetate	92		94		70-130	2		30
4-Methyl-2-pentanone	92		95		70-130	3		30
1,2,3-Trichloropropane	101		102		68-130	1		30
2-Hexanone	95		101		70-130	6		30
Bromochloromethane	99		98		70-130	1		30
2,2-Dichloropropane	107		104		70-130	3		30
1,2-Dibromoethane	103		105		70-130	2		30
1,3-Dichloropropane	102		105		69-130	3		30
1,1,1,2-Tetrachloroethane	105		106		70-130	1		30
Bromobenzene	107		108		70-130	1		30
n-Butylbenzene	120		120		70-130	0		30
sec-Butylbenzene	118		117		70-130	1		30
tert-Butylbenzene	115		115		70-130	0		30
o-Chlorotoluene	110		111		70-130	1		30
p-Chlorotoluene	112		114		70-130	2		30
1,2-Dibromo-3-chloropropane	93		97		68-130	4		30
Hexachlorobutadiene	122		121		67-130	1		30
Isopropylbenzene	115		116		70-130	1		30
p-Isopropyltoluene	119		118		70-130	1		30
Naphthalene	107		108		70-130	1		30
Acrylonitrile	90		92		70-130	2		30



Project Name: DESTINY

**Project Number:** 15151

Lab Number: L1524253

arameter	LCS %Recovery	Qual	LCSD %Recovery	%. Qual	Recovery Limits	RPD	Qual	RPD Limits
olatile Organics by GC/MS - Westborough	Lab Associated	sample(s):	15,17,19-20,22-25,2	7,29-30,32-34	Batch:	WG826316-1	WG826316-2	
Isopropyl Ether	93		96		66-130	3		30
tert-Butyl Alcohol	89		93		70-130	4		30
n-Propylbenzene	113		115		70-130	2		30
1,2,3-Trichlorobenzene	110		113		70-130	3		30
1,2,4-Trichlorobenzene	116		118		70-130	2		30
1,3,5-Trimethylbenzene	113		114		70-130	1		30
1,2,4-Trimethylbenzene	113		114		70-130	1		30
Methyl Acetate	87		94		51-146	8		30
Ethyl Acetate	90		92		70-130	2		30
Acrolein	89		92		70-130	3		30
Cyclohexane	108		105		59-142	3		30
1,4-Dioxane	98		96		65-136	2		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	111		107		50-139	4		30
p-Diethylbenzene	117		116		70-130	1		30
p-Ethyltoluene	113		114		70-130	1		30
1,2,4,5-Tetramethylbenzene	112		113		70-130	1		30
Tetrahydrofuran	88		91		66-130	3		30
Ethyl ether	93		91		67-130	2		30
trans-1,4-Dichloro-2-butene	96		102		70-130	6		30
Methyl cyclohexane	112		107		70-130	5		30
Ethyl-Tert-Butyl-Ether	94		95		70-130	1		30



Project Name: DESTINY

**Project Number:** 15151

Lab Number:

L1524253

Report Date:

09/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	
Volatile Organics by GC/MS - Westborough I	_ab Associated	sample(s):	15,17,19-20,22-25	5,27,29-30,32-	34 Batch:	WG826316-1	WG826316-2		
Tertiary-Amyl Methyl Ether	94		96		70-130	2		30	

	LCS		LCSD		Acceptance	
Surrogate	%Recovery	Qual	%Recovery	Qual	Criteria	
1,2-Dichloroethane-d4	99		97		70-130	
Toluene-d8	108		106		70-130	
4-Bromofluorobenzene	101		102		70-130	
Dibromofluoromethane	98		98		70-130	



Project Name: DESTINY

**Project Number:** 15151

Lab Number: L1524253

nrameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
platile Organics by GC/MS - Westbo	orough Lab Associated	sample(s):	01,03-05,07,09-11	13-14	Batch: WG826318-1	WG82631	8-2	
Methylene chloride	115		116		70-130	1		30
1,1-Dichloroethane	115		115		70-130	0		30
Chloroform	120		120		70-130	0		30
Carbon tetrachloride	110		109		70-130	1		30
1,2-Dichloropropane	114		117		70-130	3		30
Dibromochloromethane	99		104		70-130	5		30
2-Chloroethylvinyl ether	249	Q	243	Q	70-130	2		30
1,1,2-Trichloroethane	100		102		70-130	2		30
Tetrachloroethene	101		98		70-130	3		30
Chlorobenzene	103		101		70-130	2		30
Trichlorofluoromethane	88		87		70-139	1		30
1,2-Dichloroethane	118		123		70-130	4		30
1,1,1-Trichloroethane	115		116		70-130	1		30
Bromodichloromethane	115		119		70-130	3		30
trans-1,3-Dichloropropene	100		105		70-130	5		30
cis-1,3-Dichloropropene	114		116		70-130	2		30
1,1-Dichloropropene	111		109		70-130	2		30
Bromoform	93		97		70-130	4		30
1,1,2,2-Tetrachloroethane	93		96		70-130	3		30
Benzene	114		114		70-130	0		30
Toluene	101		98		70-130	3		30



Project Name: DESTINY

**Project Number:** 15151

Lab Number: L1524253

rameter	LCS %Recovery	Qual	LCSD %Recovery Qua	%Recovery al Limits	RPD	RPD Qual Limits
latile Organics by GC/MS - Wes	stborough Lab Associated s	sample(s):	01,03-05,07,09-11,13-14	Batch: WG826318-1	WG82631	8-2
Ethylbenzene	104		102	70-130	2	30
Chloromethane	94		92	52-130	2	30
Bromomethane	114		103	57-147	10	30
Vinyl chloride	78		75	67-130	4	30
Chloroethane	99		97	50-151	2	30
1,1-Dichloroethene	100		99	65-135	1	30
trans-1,2-Dichloroethene	112		112	70-130	0	30
Trichloroethene	118		116	70-130	2	30
1,2-Dichlorobenzene	98		98	70-130	0	30
1,3-Dichlorobenzene	100		98	70-130	2	30
1,4-Dichlorobenzene	98		97	70-130	1	30
Methyl tert butyl ether	115		119	66-130	3	30
p/m-Xylene	106		103	70-130	3	30
o-Xylene	103		102	70-130	1	30
cis-1,2-Dichloroethene	116		118	70-130	2	30
Dibromomethane	115		120	70-130	4	30
Styrene	104		102	70-130	2	30
Dichlorodifluoromethane	55		55	30-146	0	30
Acetone	111		113	54-140	2	30
Carbon disulfide	86		86	59-130	0	30
2-Butanone	111		119	70-130	7	30



Project Name: DESTINY

**Project Number:** 15151

Lab Number: L1524253

arameter	LCS %Recovery	Qual	LCSD %Recovery Qua	%Recovery al Limits	RPD	RPD Qual Limits
olatile Organics by GC/MS - Westb	orough Lab Associated s	ample(s):	01,03-05,07,09-11,13-14	Batch: WG826318-1	WG82631	8-2
Vinyl acetate	115		121	70-130	5	30
4-Methyl-2-pentanone	108		120	70-130	11	30
1,2,3-Trichloropropane	97		99	68-130	2	30
2-Hexanone	96		101	70-130	5	30
Bromochloromethane	117		120	70-130	3	30
2,2-Dichloropropane	116		117	70-130	1	30
1,2-Dibromoethane	101		104	70-130	3	30
1,3-Dichloropropane	101		102	69-130	1	30
1,1,1,2-Tetrachloroethane	105		106	70-130	1	30
Bromobenzene	96		95	70-130	1	30
n-Butylbenzene	96		94	70-130	2	30
sec-Butylbenzene	94		92	70-130	2	30
tert-Butylbenzene	97		95	70-130	2	30
o-Chlorotoluene	98		98	70-130	0	30
p-Chlorotoluene	99		98	70-130	1	30
1,2-Dibromo-3-chloropropane	87		96	68-130	10	30
Hexachlorobutadiene	95		93	67-130	2	30
Isopropylbenzene	105		102	70-130	3	30
p-Isopropyltoluene	97		95	70-130	2	30
Naphthalene	93		98	70-130	5	30
Acrylonitrile	106		116	70-130	9	30



Project Name: DESTINY

**Project Number:** 15151

Lab Number: L1524253

Parameter	LCS %Recovery	Qual	LCSD %Recovery Q	%Recovery ual Limits	RPD	RPD Qual Limits
Volatile Organics by GC/MS - Westborough	Lab Associated	sample(s):	01,03-05,07,09-11,13-2	4 Batch: WG826318-1	WG82631	8-2
Isopropyl Ether	111		113	66-130	2	30
tert-Butyl Alcohol	109		122	70-130	11	30
n-Propylbenzene	96		95	70-130	1	30
1,2,3-Trichlorobenzene	96		99	70-130	3	30
1,2,4-Trichlorobenzene	99		100	70-130	1	30
1,3,5-Trimethylbenzene	99		97	70-130	2	30
1,2,4-Trimethylbenzene	99		97	70-130	2	30
Methyl Acetate	110		117	51-146	6	30
Ethyl Acetate	105		114	70-130	8	30
Acrolein	107		113	70-130	5	30
Cyclohexane	89		87	59-142	2	30
1,4-Dioxane	119		131	65-136	10	30
1,1,2-Trichloro-1,2,2-Trifluoroethane	88		87	50-139	1	30
p-Diethylbenzene	114		115	70-130	1	30
p-Ethyltoluene	115		115	70-130	0	30
1,2,4,5-Tetramethylbenzene	116		119	70-130	3	30
Tetrahydrofuran	101		106	66-130	5	30
Ethyl ether	110		114	67-130	4	30
trans-1,4-Dichloro-2-butene	90		100	70-130	11	30
Methyl cyclohexane	93		90	70-130	3	30
Ethyl-Tert-Butyl-Ether	114		116	70-130	2	30



**Project Name: DESTINY** 

**Project Number:** 15151

Lab Number:

L1524253

Report Date:

09/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	
Volatile Organics by GC/MS - Westborough L	ab Associated	sample(s):	01,03-05,07,09-11,1	13-14	Batch: WG826318-1	WG826318-2	2		
Tertiary-Amyl Methyl Ether	112		117		70-130	4		30	

	LCS		LCSD		Acceptance	
Surrogate	%Recovery	Qual	%Recovery	Qual	Criteria	
1,2-Dichloroethane-d4	100		105		70-130	
Toluene-d8	94		93		70-130	
4-Bromofluorobenzene	99		100		70-130	
Dibromofluoromethane	104		106		70-130	



Project Name: DESTINY

**Project Number:** 15151

Lab Number: L1524253

arameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	RPD Qual Limits	
olatile Organics by GC/MS - Wes	stborough Lab Associated	sample(s):	36,38-39 Batch:	WG826323-	1 WG826323-2			
Methylene chloride	101		91		70-130	10	30	
1,1-Dichloroethane	99		89		70-130	11	30	
Chloroform	108		98		70-130	10	30	
Carbon tetrachloride	128		111		70-130	14	30	
1,2-Dichloropropane	96		89		70-130	8	30	
Dibromochloromethane	116		108		70-130	7	30	
2-Chloroethylvinyl ether	117		109		70-130	7	30	
1,1,2-Trichloroethane	100		93		70-130	7	30	
Tetrachloroethene	124		108		70-130	14	30	
Chlorobenzene	116		106		70-130	9	30	
Trichlorofluoromethane	114		94		70-139	19	30	
1,2-Dichloroethane	98		93		70-130	5	30	
1,1,1-Trichloroethane	120		103		70-130	15	30	
Bromodichloromethane	109		100		70-130	9	30	
trans-1,3-Dichloropropene	106		100		70-130	6	30	
cis-1,3-Dichloropropene	109		100		70-130	9	30	
1,1-Dichloropropene	108		94		70-130	14	30	
Bromoform	112		104		70-130	7	30	
1,1,2,2-Tetrachloroethane	91		86		70-130	6	30	
Benzene	106		95		70-130	11	30	
Toluene	112		100		70-130	11	30	



Project Name: DESTINY

**Project Number:** 15151

Lab Number: L1524253

rameter	LCS %Recovery	Qual	LC: %Rec	_	Qual	%Recovery Limits	RPD	Qual	RPD Limits
platile Organics by GC/MS - Westborough L	ab Associated	sample(s):	36,38-39	Batch:	WG826323-	1 WG826323-2			
Ethylbenzene	114		10	)2		70-130	11		30
Chloromethane	85		7	4		52-130	14		30
Bromomethane	90		7	5		57-147	18		30
Vinyl chloride	76		6	4	Q	67-130	17		30
Chloroethane	73		6	2		50-151	16		30
1,1-Dichloroethene	109		9	2		65-135	17		30
trans-1,2-Dichloroethene	108		9	5		70-130	13		30
Trichloroethene	113		9	9		70-130	13		30
1,2-Dichlorobenzene	113		10	)4		70-130	8		30
1,3-Dichlorobenzene	118		10	09		70-130	8		30
1,4-Dichlorobenzene	117		10	08		70-130	8		30
Methyl tert butyl ether	108		10	)2		66-130	6		30
p/m-Xylene	117		10	06		70-130	10		30
o-Xylene	118		10	)7		70-130	10		30
cis-1,2-Dichloroethene	110		9	9		70-130	11		30
Dibromomethane	102		9	7		70-130	5		30
Styrene	119		1	10		70-130	8		30
Dichlorodifluoromethane	107		8	9		30-146	18		30
Acetone	62		5	8		54-140	7		30
Carbon disulfide	106		9	0		59-130	16		30
2-Butanone	70		6	3	Q	70-130	11		30



Project Name: DESTINY

**Project Number:** 15151

Lab Number: L1524253

arameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	RPD Qual Limits
platile Organics by GC/MS - Westh	oorough Lab Associated	sample(s):	36,38-39 Batch:	WG826323-	1 WG826323-2		
Vinyl acetate	80		73		70-130	9	30
4-Methyl-2-pentanone	84		80		70-130	5	30
1,2,3-Trichloropropane	90		86		68-130	5	30
2-Hexanone	65	Q	62	Q	70-130	5	30
Bromochloromethane	111		102		70-130	8	30
2,2-Dichloropropane	119		103		70-130	14	30
1,2-Dibromoethane	103		97		70-130	6	30
1,3-Dichloropropane	99		93		69-130	6	30
1,1,1,2-Tetrachloroethane	122		113		70-130	8	30
Bromobenzene	114		106		70-130	7	30
n-Butylbenzene	116		102		70-130	13	30
sec-Butylbenzene	116		101		70-130	14	30
tert-Butylbenzene	118		104		70-130	13	30
o-Chlorotoluene	114		102		70-130	11	30
p-Chlorotoluene	116		104		70-130	11	30
1,2-Dibromo-3-chloropropane	96		92		68-130	4	30
Hexachlorobutadiene	143	Q	126		67-130	13	30
Isopropylbenzene	114		100		70-130	13	30
p-Isopropyltoluene	122		107		70-130	13	30
Naphthalene	102		97		70-130	5	30
Acrylonitrile	82		78		70-130	5	30



Project Name: DESTINY

**Project Number:** 15151

Lab Number: L1524253

rameter	LCS %Recovery	Qual	LCSD %Recovery		%Recovery Limits	RPD	Qual	RPD Limits
platile Organics by GC/MS - Westborou	gh Lab Associated	sample(s):	36,38-39 Batc	h: WG826323-	-1 WG826323-2			
Isopropyl Ether	80		73		66-130	9		30
tert-Butyl Alcohol	84		80		70-130	5		30
n-Propylbenzene	111		98		70-130	12		30
1,2,3-Trichlorobenzene	123		114		70-130	8		30
1,2,4-Trichlorobenzene	128		117		70-130	9		30
1,3,5-Trimethylbenzene	118		107		70-130	10		30
1,2,4-Trimethylbenzene	119		107		70-130	11		30
Methyl Acetate	64		60		51-146	6		30
Ethyl Acetate	69	Q	64	Q	70-130	8		30
Acrolein	48	Q	46	Q	70-130	4		30
Cyclohexane	98		82		59-142	18		30
1,4-Dioxane	105		102		65-136	3		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	112		92		50-139	20		30
p-Diethylbenzene	118		103		70-130	14		30
p-Ethyltoluene	110		98		70-130	12		30
1,2,4,5-Tetramethylbenzene	120		109		70-130	10		30
Tetrahydrofuran	80		63	Q	66-130	24		30
Ethyl ether	78		81		67-130	4		30
trans-1,4-Dichloro-2-butene	92		83		70-130	10		30
Methyl cyclohexane	109		92		70-130	17		30
Ethyl-Tert-Butyl-Ether	96		90		70-130	6		30

Project Name: DESTINY

**Project Number:** 15151

Lab Number:

L1524253

Report Date:

09/30/15

Parameter	LCS %Recovery	Qual	LCS %Reco		% Qual	%Recovery Limits	RPD	Qual	RPD Limits	
Volatile Organics by GC/MS - Westborough L	ab Associated	sample(s):	36,38-39	Batch:	WG826323-1	WG826323-2				
Tertiary-Amyl Methyl Ether	104		98	8		70-130	6		30	

	LCS		LCSD		Acceptance	
Surrogate	%Recovery	Qual	%Recovery	Qual	Criteria	
1,2-Dichloroethane-d4	93		90		70-130	
Toluene-d8	101		101		70-130	
4-Bromofluorobenzene	99		98		70-130	
Dibromofluoromethane	101		102		70-130	



#### **SEMIVOLATILES**



L1524253

**Project Name: DESTINY** 

**Project Number:** 15151

**SAMPLE RESULTS** 

Lab Number:

Report Date: 09/30/15

Lab ID: L1524253-02

Client ID: A1C

Sample Location: SYRACUSE, NY

Matrix: Soil Analytical Method: 1,8270D Analytical Date: 09/29/15 12:41

Analyst: RC Percent Solids: 79%

Date Collected:	09/28/15 10:20
Date Received:	09/28/15
Field Prep:	Not Specified
<b>Extraction Method</b>	:EPA 3546
Extraction Date:	09/29/15 04:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Semivolatile Organics by GC/MS - V	Vestborough Lab						
Acenaphthene	370		ug/kg	170	43.	1	
1,2,4-Trichlorobenzene	ND		ug/kg	210	69.	1	
Hexachlorobenzene	ND		ug/kg	130	39.	1	
Bis(2-chloroethyl)ether	ND		ug/kg	190	59.	1	
2-Chloronaphthalene	ND		ug/kg	210	68.	1	
1,2-Dichlorobenzene	ND		ug/kg	210	69.	1	
1,3-Dichlorobenzene	ND		ug/kg	210	66.	1	
1,4-Dichlorobenzene	ND		ug/kg	210	64.	1	
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1	
2,4-Dinitrotoluene	ND		ug/kg	210	45.	1	
2,6-Dinitrotoluene	ND		ug/kg	210	54.	1	
Fluoranthene	3900		ug/kg	130	39.	1	
4-Chlorophenyl phenyl ether	ND		ug/kg	210	64.	1	
4-Bromophenyl phenyl ether	ND		ug/kg	210	48.	1	
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	74.	1	
Bis(2-chloroethoxy)methane	ND		ug/kg	230	64.	1	
Hexachlorobutadiene	ND		ug/kg	210	59.	1	
Hexachlorocyclopentadiene	ND		ug/kg	600	140	1	
Hexachloroethane	ND		ug/kg	170	38.	1	
Isophorone	ND		ug/kg	190	56.	1	
Naphthalene	580		ug/kg	210	70.	1	
Nitrobenzene	ND		ug/kg	190	50.	1	
NDPA/DPA	ND		ug/kg	170	44.	1	
n-Nitrosodi-n-propylamine	ND		ug/kg	210	63.	1	
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	55.	1	
Butyl benzyl phthalate	ND		ug/kg	210	41.	1	
Di-n-butylphthalate	ND		ug/kg	210	41.	1	
Di-n-octylphthalate	ND		ug/kg	210	52.	1	
Diethyl phthalate	ND		ug/kg	210	44.	1	
Dimethyl phthalate	ND		ug/kg	210	53.	1	



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-02 Date Collected: 09/28/15 10:20

Client ID: A1C Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Semivolatile Organics by GC/MS - W	estborough Lab						
Benzo(a)anthracene	1900		ug/kg	130	41.	1	
Benzo(a)pyrene	1500		ug/kg	170	51.	1	
Benzo(b)fluoranthene	2000		ug/kg	130	42.	1	
Benzo(k)fluoranthene	700		ug/kg	130	40.	1	
Chrysene	1900		ug/kg	130	41.	1	
Acenaphthylene	480		ug/kg	170	39.	1	
Anthracene	990		ug/kg	130	35.	1	
Benzo(ghi)perylene	870		ug/kg	170	44.	1	
Fluorene	430		ug/kg	210	60.	1	
Phenanthrene	2800		ug/kg	130	41.	1	
Dibenzo(a,h)anthracene	250		ug/kg	130	41.	1	
Indeno(1,2,3-cd)pyrene	980		ug/kg	170	47.	1	
Pyrene	3200		ug/kg	130	41.	1	
Biphenyl	76	J	ug/kg	480	69.	1	
4-Chloroaniline	ND		ug/kg	210	56.	1	
2-Nitroaniline	ND		ug/kg	210	59.	1	
3-Nitroaniline	ND		ug/kg	210	58.	1	
4-Nitroaniline	ND		ug/kg	210	57.	1	
Dibenzofuran	250		ug/kg	210	70.	1	
2-Methylnaphthalene	510		ug/kg	250	67.	1	
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	65.	1	
Acetophenone	ND		ug/kg	210	65.	1	
Benzyl Alcohol	ND		ug/kg	210	65.	1	
Carbazole	370		ug/kg	210	45.	1	

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
Nitrobenzene-d5	88		23-120	
2-Fluorobiphenyl	82		30-120	
4-Terphenyl-d14	78		18-120	



L1524253

**Project Name: DESTINY** 

**Project Number:** 15151

**SAMPLE RESULTS** 

Report Date: 09/30/15

Lab Number:

Lab ID: L1524253-06

Client ID: B1C

SYRACUSE, NY Sample Location:

Matrix: Soil Analytical Method: 1,8270D

Analytical Date: 09/29/15 13:06

Analyst: RC 73% Percent Solids:

Date Collected: 09/28/15 11:00 Date Received: 09/28/15 Field Prep: Not Specified Extraction Method: EPA 3546 09/29/15 04:54 Extraction Date:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS -	Westborough Lab					
Acenaphthene	140	J	ug/kg	180	47.	1
1,2,4-Trichlorobenzene	ND		ug/kg	230	74.	1
Hexachlorobenzene	ND		ug/kg	140	42.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	64.	1
2-Chloronaphthalene	ND		ug/kg	230	74.	1
1,2-Dichlorobenzene	ND		ug/kg	230	75.	1
1,3-Dichlorobenzene	ND		ug/kg	230	72.	1
1,4-Dichlorobenzene	ND		ug/kg	230	69.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	60.	1
2,4-Dinitrotoluene	ND		ug/kg	230	49.	1
2,6-Dinitrotoluene	ND		ug/kg	230	58.	1
Fluoranthene	1900		ug/kg	140	42.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	69.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	52.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	80.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	69.	1
Hexachlorobutadiene	ND		ug/kg	230	64.	1
Hexachlorocyclopentadiene	ND		ug/kg	650	140	1
Hexachloroethane	ND		ug/kg	180	41.	1
Isophorone	ND		ug/kg	200	60.	1
Naphthalene	420		ug/kg	230	75.	1
Nitrobenzene	ND		ug/kg	200	54.	1
NDPA/DPA	ND		ug/kg	180	48.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	68.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	60.	1
Butyl benzyl phthalate	ND		ug/kg	230	44.	1
Di-n-butylphthalate	ND		ug/kg	230	44.	1
Di-n-octylphthalate	ND		ug/kg	230	56.	1
Diethyl phthalate	ND		ug/kg	230	48.	1
Dimethyl phthalate	ND		ug/kg	230	58.	1



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-06 Date Collected: 09/28/15 11:00

Client ID: B1C Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

**Parameter** Result Qualifier Units RLMDL **Dilution Factor** Semivolatile Organics by GC/MS - Westborough Lab 1100 Benzo(a)anthracene 140 44. ug/kg 1 Benzo(a)pyrene 960 ug/kg 180 56. 1 Benzo(b)fluoranthene 1300 140 46. 1 ug/kg 490 43. Benzo(k)fluoranthene 140 1 ug/kg Chrysene 1200 140 45. 1 ug/kg Acenaphthylene 260 180 42. 1 ug/kg 370 Anthracene 140 38. 1 ug/kg 560 47. 1 Benzo(ghi)perylene ug/kg 180 170 J Fluorene ug/kg 230 65. 1 1000 140 44. Phenanthrene 1 ug/kg Dibenzo(a,h)anthracene 170 ug/kg 140 44. 1 Indeno(1,2,3-cd)pyrene 610 180 50. 1 ug/kg Pyrene 1600 ug/kg 140 44. 1 Biphenyl ND 520 75. 1 ug/kg 4-Chloroaniline ND 230 60. 1 ug/kg 2-Nitroaniline ND 230 64. 1 ug/kg ND 3-Nitroaniline 230 63. 1 ug/kg 4-Nitroaniline ND 230 61. 1 ug/kg Dibenzofuran 120 J 230 76. 1 ug/kg 2-Methylnaphthalene 420 270 73. 1 ug/kg 1,2,4,5-Tetrachlorobenzene ND 230 70. 1 ug/kg Acetophenone ND ug/kg 230 70. 1 Benzyl Alcohol ND 230 70. 1 ug/kg Carbazole 100 J ug/kg 230 49. 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
Nitrobenzene-d5	94		23-120	
2-Fluorobiphenyl	87		30-120	
4-Terphenyl-d14	84		18-120	



L1524253

**Project Name: DESTINY** 

**Project Number:** 15151

**SAMPLE RESULTS** 

Lab Number:

Report Date: 09/30/15

Lab ID: L1524253-08

Client ID: B2C

SYRACUSE, NY Sample Location:

Matrix: Soil Analytical Method: 1,8270D

Analytical Date: 09/29/15 15:39

Analyst: RC 75% Percent Solids:

Date Collected: 09/28/15 11:10 Date Received: 09/28/15 Field Prep: Not Specified Extraction Method: EPA 3546 09/29/15 04:54 Extraction Date:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS -	Westborough Lab					
Acenaphthene	140	J	ug/kg	180	46.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	72.	1
Hexachlorobenzene	ND		ug/kg	130	41.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	62.	1
2-Chloronaphthalene	ND		ug/kg	220	72.	1
1,2-Dichlorobenzene	ND		ug/kg	220	73.	1
1,3-Dichlorobenzene	ND		ug/kg	220	70.	1
1,4-Dichlorobenzene	ND		ug/kg	220	67.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	48.	1
2,6-Dinitrotoluene	ND		ug/kg	220	57.	1
Fluoranthene	1600		ug/kg	130	41.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	67.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	51.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	78.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	67.	1
Hexachlorobutadiene	ND		ug/kg	220	62.	1
Hexachlorocyclopentadiene	ND		ug/kg	630	140	1
Hexachloroethane	ND		ug/kg	180	40.	1
Isophorone	ND		ug/kg	200	59.	1
Naphthalene	520		ug/kg	220	74.	1
Nitrobenzene	ND		ug/kg	200	53.	1
NDPA/DPA	ND		ug/kg	180	46.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	66.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	58.	1
Butyl benzyl phthalate	ND		ug/kg	220	43.	1
Di-n-butylphthalate	ND		ug/kg	220	43.	1
Di-n-octylphthalate	ND		ug/kg	220	54.	1
Diethyl phthalate	ND		ug/kg	220	47.	1
Dimethyl phthalate	ND		ug/kg	220	56.	1



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-08 Date Collected: 09/28/15 11:10

Client ID: B2C Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

**Parameter** Result Qualifier Units RLMDL **Dilution Factor** Semivolatile Organics by GC/MS - Westborough Lab 1300 Benzo(a)anthracene 130 43. ug/kg 1 Benzo(a)pyrene 1600 ug/kg 180 54. 1 Benzo(b)fluoranthene 1500 130 45. 1 ug/kg 410 42. Benzo(k)fluoranthene 130 1 ug/kg Chrysene 1200 130 43. 1 ug/kg Acenaphthylene 260 180 41. 1 ug/kg 410 37. Anthracene 130 1 ug/kg 1300 1 Benzo(ghi)perylene ug/kg 180 46. ND Fluorene ug/kg 220 63. 1 1300 130 43. Phenanthrene 1 ug/kg Dibenzo(a,h)anthracene 240 ug/kg 130 43. 1 Indeno(1,2,3-cd)pyrene 1000 180 49. 1 ug/kg Pyrene 2600 130 43. 1 ug/kg J Biphenyl 82 500 73. 1 ug/kg 4-Chloroaniline ND 220 58. 1 ug/kg 2-Nitroaniline ND 220 62. 1 ug/kg 3-Nitroaniline ND 220 61. 1 ug/kg 4-Nitroaniline ND 220 60. 1 ug/kg Dibenzofuran 94 J 220 74. 1 ug/kg 2-Methylnaphthalene 530 71. 1 260 ug/kg 1,2,4,5-Tetrachlorobenzene ND 220 68. 1 ug/kg Acetophenone ND ug/kg 220 69. 1 Benzyl Alcohol ND 220 68. 1 ug/kg Carbazole ND ug/kg 220 48. 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
Nitrobenzene-d5	80		23-120	
2-Fluorobiphenyl	80		30-120	
4-Terphenyl-d14	73		18-120	



L1524253

**Project Name: DESTINY** 

**Project Number:** 15151

**SAMPLE RESULTS** 

Report Date: 09/30/15

Lab Number:

Lab ID: L1524253-12

Client ID: C1C

SYRACUSE, NY Sample Location:

Matrix: Soil Analytical Method: 1,8270D Analytical Date: 09/29/15 13:32

Analyst: RC 79% Percent Solids:

Date Collected: 09/28/15 11:50 Date Received: 09/28/15 Field Prep: Not Specified Extraction Method: EPA 3546 09/29/15 04:54 Extraction Date:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS -	Westborough Lab					
Acenaphthene	110	J	ug/kg	160	42.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	68.	1
Hexachlorobenzene	ND		ug/kg	120	38.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	58.	1
2-Chloronaphthalene	ND		ug/kg	200	67.	1
1,2-Dichlorobenzene	ND		ug/kg	200	68.	1
1,3-Dichlorobenzene	ND		ug/kg	200	65.	1
1,4-Dichlorobenzene	ND		ug/kg	200	63.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	55.	1
2,4-Dinitrotoluene	ND		ug/kg	200	44.	1
2,6-Dinitrotoluene	ND		ug/kg	200	53.	1
Fluoranthene	1900		ug/kg	120	38.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	63.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	47.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	72.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	62.	1
Hexachlorobutadiene	ND		ug/kg	200	58.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	130	1
Hexachloroethane	ND		ug/kg	160	37.	1
Isophorone	ND		ug/kg	180	55.	1
Naphthalene	310		ug/kg	200	68.	1
Nitrobenzene	ND		ug/kg	180	49.	1
NDPA/DPA	ND		ug/kg	160	43.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	61.	1
Bis(2-ethylhexyl)phthalate	83	J	ug/kg	200	54.	1
Butyl benzyl phthalate	ND		ug/kg	200	40.	1
Di-n-butylphthalate	ND		ug/kg	200	40.	1
Di-n-octylphthalate	ND		ug/kg	200	51.	1
Diethyl phthalate	ND		ug/kg	200	44.	1
Dimethyl phthalate	ND		ug/kg	200	52.	1



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-12 Date Collected: 09/28/15 11:50

Client ID: C1C Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

,				,				
Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor		
Semivolatile Organics by GC/MS - Westl	borough Lab							
Benzo(a)anthracene	1100		a/l.ca	120	40.	1		
			ug/kg					
Benzo(a)pyrene	1100		ug/kg	160	50.	1		
Benzo(b)fluoranthene	1400		ug/kg	120	42.	1		
Benzo(k)fluoranthene	560		ug/kg	120	39.	1		
Chrysene	1100		ug/kg	120	40.	1		
Acenaphthylene	380		ug/kg	160	38.	1		
Anthracene	490		ug/kg	120	34.	1		
Benzo(ghi)perylene	810		ug/kg	160	43.	1		
Fluorene	150	J	ug/kg	200	59.	1		
Phenanthrene	1000		ug/kg	120	40.	1		
Dibenzo(a,h)anthracene	210		ug/kg	120	40.	1		
Indeno(1,2,3-cd)pyrene	880		ug/kg	160	46.	1		
Pyrene	1600		ug/kg	120	40.	1		
Biphenyl	ND		ug/kg	470	68.	1		
4-Chloroaniline	ND		ug/kg	200	54.	1		
2-Nitroaniline	ND		ug/kg	200	58.	1		
3-Nitroaniline	ND		ug/kg	200	57.	1		
4-Nitroaniline	ND		ug/kg	200	56.	1		
Dibenzofuran	75	J	ug/kg	200	69.	1		
2-Methylnaphthalene	300		ug/kg	250	66.	1		
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	64.	1		
Acetophenone	ND		ug/kg	200	64.	1		
Benzyl Alcohol	ND		ug/kg	200	63.	1		
Carbazole	110	J	ug/kg	200	44.	1		

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
Nitrobenzene-d5	88		23-120	
2-Fluorobiphenyl	81		30-120	
4-Terphenyl-d14	76		18-120	



L1524253

09/30/15

**Project Name: DESTINY** 

**Project Number:** 15151

**SAMPLE RESULTS** 

Lab Number:

Report Date:

Date Collected: 09/28/15 12:45

Date Received: 09/28/15 Field Prep: Not Specified Extraction Method: EPA 3546

Extraction Date: 09/29/15 04:54

Lab ID: L1524253-16

Client ID: D1C

Sample Location: SYRACUSE, NY

Matrix: Soil Analytical Method: 1,8270D Analytical Date: 09/29/15 13:57

Analyst: RC 79% Percent Solids:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - W	estborough Lab					
Acenaphthene	82	J	ug/kg	170	43.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	69.	1
Hexachlorobenzene	ND		ug/kg	130	39.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	59.	1
2-Chloronaphthalene	ND		ug/kg	210	68.	1
1,2-Dichlorobenzene	ND		ug/kg	210	69.	1
1,3-Dichlorobenzene	ND		ug/kg	210	66.	1
1,4-Dichlorobenzene	ND		ug/kg	210	64.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	45.	1
2,6-Dinitrotoluene	ND		ug/kg	210	54.	1
Fluoranthene	1300		ug/kg	130	38.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	64.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	48.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	74.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	64.	1
Hexachlorobutadiene	ND		ug/kg	210	59.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	130	1
Hexachloroethane	ND		ug/kg	170	38.	1
Isophorone	ND		ug/kg	190	56.	1
Naphthalene	440		ug/kg	210	70.	1
Nitrobenzene	ND		ug/kg	190	50.	1
NDPA/DPA	ND		ug/kg	170	44.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	62.	1
Bis(2-ethylhexyl)phthalate	180	J	ug/kg	210	55.	1
Butyl benzyl phthalate	ND		ug/kg	210	41.	1
Di-n-butylphthalate	51	J	ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	52.	1
Diethyl phthalate	ND		ug/kg	210	44.	1
Dimethyl phthalate	ND		ug/kg	210	53.	1



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-16 Date Collected: 09/28/15 12:45

Client ID: D1C Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

**Parameter** Result Qualifier Units RLMDL **Dilution Factor** Semivolatile Organics by GC/MS - Westborough Lab 820 Benzo(a)anthracene 130 41. ug/kg 1 Benzo(a)pyrene 900 ug/kg 170 51. 1 Benzo(b)fluoranthene 1200 130 42. 1 ug/kg 390 40. Benzo(k)fluoranthene 130 1 ug/kg Chrysene 860 130 41. 1 ug/kg Acenaphthylene 340 170 39. 1 ug/kg 350 Anthracene 130 35. 1 ug/kg 660 44. 1 Benzo(ghi)perylene ug/kg 170 J Fluorene 110 ug/kg 210 60. 1 700 130 41. Phenanthrene 1 ug/kg Dibenzo(a,h)anthracene 180 ug/kg 130 41. 1 Indeno(1,2,3-cd)pyrene 710 170 47. 1 ug/kg Pyrene 1100 ug/kg 130 41. 1 Biphenyl ND 480 69. 1 ug/kg 4-Chloroaniline ND 210 55. 1 ug/kg 2-Nitroaniline ND 210 59. 1 ug/kg ND 3-Nitroaniline 210 58. 1 ug/kg 4-Nitroaniline ND 210 57. 1 ug/kg Dibenzofuran 77 J 210 70. 1 ug/kg 2-Methylnaphthalene 460 67. 1 250 ug/kg

210

210

210

210

ug/kg

ug/kg

ug/kg

ug/kg

65.

65.

65.

45.

1

1

1

1

Surrogate	% Recovery	Qualifier	Acceptance Qualifier Criteria		
Nitrobenzene-d5	87		23-120		
2-Fluorobiphenyl	85		30-120		
4-Terphenyl-d14	81		18-120		

J

ND

ND

ND

92



1,2,4,5-Tetrachlorobenzene

Acetophenone

Benzyl Alcohol

Carbazole

L1524253

09/30/15

Project Name: DESTINY

**Project Number:** 15151

**SAMPLE RESULTS** 

Lab Number:

Report Date:

Lab ID: L1524253-18

Client ID: D2C

Sample Location: SYRACUSE, NY

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/29/15 12:42

Analyst: RC Percent Solids: 82%

Date Collected: 09/28/15 12:52
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/29/15 04:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - '	Westborough Lab					
Acenaphthene	92	J	ug/kg	160	41.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	65.	1
Hexachlorobenzene	ND		ug/kg	120	37.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	56.	1
2-Chloronaphthalene	ND		ug/kg	200	65.	1
1,2-Dichlorobenzene	ND		ug/kg	200	65.	1
1,3-Dichlorobenzene	ND		ug/kg	200	63.	1
1,4-Dichlorobenzene	ND		ug/kg	200	60.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	43.	1
2,6-Dinitrotoluene	ND		ug/kg	200	51.	1
Fluoranthene	2000		ug/kg	120	36.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	60.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	46.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	70.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	60.	1
Hexachlorobutadiene	ND		ug/kg	200	56.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	130	1
Hexachloroethane	ND		ug/kg	160	36.	1
Isophorone	ND		ug/kg	180	53.	1
Naphthalene	300		ug/kg	200	66.	1
Nitrobenzene	ND		ug/kg	180	47.	1
NDPA/DPA	ND		ug/kg	160	42.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	59.	1
Bis(2-ethylhexyl)phthalate	56	J	ug/kg	200	52.	1
Butyl benzyl phthalate	ND		ug/kg	200	39.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	49.	1
Diethyl phthalate	ND		ug/kg	200	42.	1
Dimethyl phthalate	ND		ug/kg	200	50.	1



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-18 Date Collected: 09/28/15 12:52

Client ID: D2C Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

**Parameter** Result Qualifier Units RLMDL **Dilution Factor** Semivolatile Organics by GC/MS - Westborough Lab 1100 Benzo(a)anthracene 120 39. ug/kg 1 Benzo(a)pyrene 1200 ug/kg 160 49. 1 Benzo(b)fluoranthene 1700 120 40. 1 ug/kg 520 Benzo(k)fluoranthene 120 38. 1 ug/kg Chrysene 1100 120 39. 1 ug/kg Acenaphthylene 510 160 37. 1 ug/kg 390 Anthracene 120 33. 1 ug/kg 880 1 Benzo(ghi)perylene ug/kg 160 41. J Fluorene 160 ug/kg 200 57. 1 1000 120 39. Phenanthrene 1 ug/kg Dibenzo(a,h)anthracene 220 ug/kg 120 38. 1 Indeno(1,2,3-cd)pyrene 1000 160 44. 1 ug/kg Pyrene 1700 ug/kg 120 39. 1 Biphenyl ND 450 66. 1 ug/kg 4-Chloroaniline ND 200 52. 1 ug/kg 2-Nitroaniline ND 200 56. 1 ug/kg ND 3-Nitroaniline 200 55. 1 ug/kg 4-Nitroaniline ND 200 54. 1 ug/kg Dibenzofuran 87 J 200 66. 1 ug/kg 2-Methylnaphthalene 290 240 64. 1 ug/kg 1,2,4,5-Tetrachlorobenzene ND 200 62. 1 ug/kg Acetophenone ND ug/kg 200 62. 1 Benzyl Alcohol ND 200 61. 1 ug/kg

Surrogate	% Recovery	Qualifier	Acceptance Qualifier Criteria		
Nitrobenzene-d5	69		23-120		
2-Fluorobiphenyl	76		30-120		
4-Terphenyl-d14	75		18-120		

J

ug/kg

200

43.

110



1

Carbazole

L1524253

**Project Name: DESTINY** 

**Project Number:** 15151

**SAMPLE RESULTS** 

Report Date: 09/30/15

Lab Number:

Lab ID: L1524253-21

Client ID: E1C

SYRACUSE, NY Sample Location:

Matrix: Soil Analytical Method: 1,8270D Analytical Date: 09/29/15 13:07

Analyst: RC 83% Percent Solids:

Date Collected: 09/28/15 13:05 Date Received: 09/28/15 Field Prep: Not Specified Extraction Method: EPA 3546 09/29/15 04:54 Extraction Date:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Wes	tborough Lab					
Acenaphthene	140	J	ug/kg	160	40.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	64.	1
Hexachlorobenzene	ND		ug/kg	120	37.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	55.	1
2-Chloronaphthalene	ND		ug/kg	200	64.	1
1,2-Dichlorobenzene	ND		ug/kg	200	64.	1
1,3-Dichlorobenzene	ND		ug/kg	200	62.	1
1,4-Dichlorobenzene	ND		ug/kg	200	60.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	42.	1
2,6-Dinitrotoluene	ND		ug/kg	200	50.	1
Fluoranthene	2500		ug/kg	120	36.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	60.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	45.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	69.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	60.	1
Hexachlorobutadiene	ND		ug/kg	200	55.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	130	1
Hexachloroethane	ND		ug/kg	160	36.	1
Isophorone	ND		ug/kg	180	52.	1
Naphthalene	250		ug/kg	200	65.	1
Nitrobenzene	ND		ug/kg	180	47.	1
NDPA/DPA	ND		ug/kg	160	41.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	58.	1
Bis(2-ethylhexyl)phthalate	91	J	ug/kg	200	52.	1
Butyl benzyl phthalate	ND		ug/kg	200	38.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	48.	1
Diethyl phthalate	ND		ug/kg	200	42.	1
Dimethyl phthalate	ND		ug/kg	200	50.	1



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-21 Date Collected: 09/28/15 13:05

Client ID: E1C Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

,					T		
Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Semivolatile Organics by GC/MS - Westl	borough Lab						
5 () "	4500			400	00	,	
Benzo(a)anthracene	1500		ug/kg	120	38.	1	
Benzo(a)pyrene	1500		ug/kg	160	48.	1	
Benzo(b)fluoranthene	2100		ug/kg	120	40.	1	
Benzo(k)fluoranthene	650		ug/kg	120	38.	1	
Chrysene	1400		ug/kg	120	39.	1	
Acenaphthylene	410		ug/kg	160	37.	1	
Anthracene	540		ug/kg	120	33.	1	
Benzo(ghi)perylene	980		ug/kg	160	41.	1	
Fluorene	160	J	ug/kg	200	56.	1	
Phenanthrene	1200		ug/kg	120	38.	1	
Dibenzo(a,h)anthracene	290		ug/kg	120	38.	1	
Indeno(1,2,3-cd)pyrene	1200		ug/kg	160	44.	1	
Pyrene	2200		ug/kg	120	38.	1	
Biphenyl	ND		ug/kg	450	65.	1	
4-Chloroaniline	ND		ug/kg	200	52.	1	
2-Nitroaniline	ND		ug/kg	200	55.	1	
3-Nitroaniline	ND		ug/kg	200	54.	1	
4-Nitroaniline	ND		ug/kg	200	53.	1	
Dibenzofuran	89	J	ug/kg	200	66.	1	
2-Methylnaphthalene	250		ug/kg	240	63.	1	
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	61.	1	
Acetophenone	ND		ug/kg	200	61.	1	
Benzyl Alcohol	ND		ug/kg	200	60.	1	
Carbazole	140	J	ug/kg	200	42.	1	

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
Nitrobenzene-d5	78		23-120	
2-Fluorobiphenyl	83		30-120	
4-Terphenyl-d14	81		18-120	



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-26

Client ID: F1C

Sample Location: SYRACUSE, NY

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/29/15 13:32

Analyst: RC Percent Solids: 83%

Date Collected: 09/28/15 13:35
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/29/15 04:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Semivolatile Organics by GC/MS - V	Vestborough Lab						
Acenaphthene	230		ug/kg	160	40.	1	
1,2,4-Trichlorobenzene	ND		ug/kg	200	64.	1	
Hexachlorobenzene	ND		ug/kg	120	36.	1	
Bis(2-chloroethyl)ether	ND		ug/kg	180	55.	1	
2-Chloronaphthalene	ND		ug/kg	200	64.	1	
1,2-Dichlorobenzene	ND		ug/kg	200	64.	1	
1,3-Dichlorobenzene	ND		ug/kg	200	61.	1	
1,4-Dichlorobenzene	ND		ug/kg	200	59.	1	
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1	
2,4-Dinitrotoluene	ND		ug/kg	200	42.	1	
2,6-Dinitrotoluene	ND		ug/kg	200	50.	1	
Fluoranthene	3000		ug/kg	120	36.	1	
4-Chlorophenyl phenyl ether	ND		ug/kg	200	59.	1	
4-Bromophenyl phenyl ether	ND		ug/kg	200	45.	1	
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	69.	1	
Bis(2-chloroethoxy)methane	ND		ug/kg	210	59.	1	
Hexachlorobutadiene	ND		ug/kg	200	55.	1	
Hexachlorocyclopentadiene	ND		ug/kg	560	120	1	
Hexachloroethane	ND		ug/kg	160	35.	1	
Isophorone	ND		ug/kg	180	52.	1	
Naphthalene	230		ug/kg	200	65.	1	
Nitrobenzene	ND		ug/kg	180	46.	1	
NDPA/DPA	ND		ug/kg	160	41.	1	
n-Nitrosodi-n-propylamine	ND		ug/kg	200	58.	1	
Bis(2-ethylhexyl)phthalate	160	J	ug/kg	200	51.	1	
Butyl benzyl phthalate	ND		ug/kg	200	38.	1	
Di-n-butylphthalate	62	J	ug/kg	200	38.	1	
Di-n-octylphthalate	ND		ug/kg	200	48.	1	
Diethyl phthalate	ND		ug/kg	200	41.	1	
Dimethyl phthalate	ND		ug/kg	200	50.	1	



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-26 Date Collected: 09/28/15 13:35

Client ID: F1C Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

**Parameter** Result Qualifier Units RLMDL **Dilution Factor** Semivolatile Organics by GC/MS - Westborough Lab 1600 Benzo(a)anthracene 120 38. ug/kg 1 Benzo(a)pyrene 1600 ug/kg 160 48. 1 Benzo(b)fluoranthene 2200 120 39. 1 ug/kg 690 Benzo(k)fluoranthene 120 37. 1 ug/kg Chrysene 1500 120 38. 1 ug/kg Acenaphthylene 270 160 1 36. ug/kg Anthracene 530 120 32. 1 ug/kg 940 1 Benzo(ghi)perylene ug/kg 160 40. 250 Fluorene ug/kg 200 56. 1 1600 120 38. Phenanthrene 1 ug/kg Dibenzo(a,h)anthracene 260 ug/kg 120 38. 1 Indeno(1,2,3-cd)pyrene 1200 160 43. 1 ug/kg Pyrene 2400 ug/kg 120 38. 1 Biphenyl ND 440 64. 1 ug/kg 4-Chloroaniline ND 200 52. 1 ug/kg 2-Nitroaniline ND 200 55. 1 ug/kg ND 3-Nitroaniline 200 54. 1 ug/kg 4-Nitroaniline ND 200 53. 1 ug/kg Dibenzofuran 170 J 200 65. 1 ug/kg 2-Methylnaphthalene 220 J 62. 1 230 ug/kg 1,2,4,5-Tetrachlorobenzene ND 200 60. 1 ug/kg Acetophenone ND ug/kg 200 60. 1 Benzyl Alcohol ND 200 60. 1 ug/kg Carbazole 150 J ug/kg 200 42. 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
Nitrobenzene-d5	80		23-120	
2-Fluorobiphenyl	83		30-120	
4-Terphenyl-d14	80		18-120	



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

SAMPLE RESULTS

Lab ID: L1524253-28 Date Collected: 09/28/15 13:45

Client ID: F2C Date Received: 09/28/15

84%

Percent Solids:

Sample Location: SYRACUSE, NY Field Prep: Not Specified Matrix: Soil Extraction Method: EPA 3546

Analytical Method: 1,8270D Extraction Date: 09/29/15 04:55

Analyst: RC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - W	estborough Lab					
Acenaphthene	99	J	ug/kg	150	40.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	63.	1
Hexachlorobenzene	ND		ug/kg	120	36.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	54.	1
2-Chloronaphthalene	ND		ug/kg	190	63.	1
1,2-Dichlorobenzene	ND		ug/kg	190	63.	1
1,3-Dichlorobenzene	ND		ug/kg	190	60.	1
1,4-Dichlorobenzene	ND		ug/kg	190	58.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	41.	1
2,6-Dinitrotoluene	ND		ug/kg	190	49.	1
Fluoranthene	1800		ug/kg	120	35.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	58.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	68.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	58.	1
Hexachlorobutadiene	ND		ug/kg	190	54.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	120	1
Hexachloroethane	ND		ug/kg	150	35.	1
Isophorone	ND		ug/kg	170	51.	1
Naphthalene	400		ug/kg	190	64.	1
Nitrobenzene	ND		ug/kg	170	46.	1
NDPA/DPA	ND		ug/kg	150	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	57.	1
Bis(2-ethylhexyl)phthalate	87	J	ug/kg	190	50.	1
Butyl benzyl phthalate	ND		ug/kg	190	38.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	47.	1
Diethyl phthalate	ND		ug/kg	190	41.	1
Dimethyl phthalate	ND		ug/kg	190	49.	1



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-28 Date Collected: 09/28/15 13:45

Client ID: F2C Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

**Parameter** Result Qualifier Units RLMDL **Dilution Factor** Semivolatile Organics by GC/MS - Westborough Lab 1000 Benzo(a)anthracene 120 38. ug/kg 1 Benzo(a)pyrene 1200 ug/kg 150 47. 1 Benzo(b)fluoranthene 1600 120 39. 1 ug/kg 520 Benzo(k)fluoranthene 120 37. 1 ug/kg Chrysene 1000 120 38. 1 ug/kg Acenaphthylene 340 1 150 36. ug/kg 350 Anthracene 120 32. 1 ug/kg 840 1 Benzo(ghi)perylene ug/kg 150 40. ND Fluorene ug/kg 190 55. 1 960 38. Phenanthrene 120 1 ug/kg Dibenzo(a,h)anthracene 220 ug/kg 120 37. 1 Indeno(1,2,3-cd)pyrene 980 150 43. 1 ug/kg Pyrene 1500 ug/kg 120 37. 1 Biphenyl ND 440 63. 1 ug/kg 4-Chloroaniline ND 190 51. 1 ug/kg 2-Nitroaniline ND 190 54. 1 ug/kg 3-Nitroaniline ND 190 53. 1 ug/kg 4-Nitroaniline ND 190 52. 1 ug/kg Dibenzofuran 90 J 190 64. 1 ug/kg 2-Methylnaphthalene 420 1 230 61. ug/kg 1,2,4,5-Tetrachlorobenzene ND 190 60. 1 ug/kg Acetophenone ND ug/kg 190 60. 1 Benzyl Alcohol ND 190 59. 1 ug/kg

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
Nitrobenzene-d5	85		23-120	
2-Fluorobiphenyl	91		30-120	
4-Terphenyl-d14	89		18-120	

J

ug/kg

190

41.

120



1

Carbazole

L1524253

**Project Name: DESTINY** 

**Project Number:** 15151

**SAMPLE RESULTS** 

Report Date: 09/30/15

Lab Number:

Lab ID: L1524253-31

Client ID: G1C

SYRACUSE, NY Sample Location:

Matrix: Soil Analytical Method: 1,8270D Analytical Date: 09/29/15 14:23

Analyst: RC 82% Percent Solids:

Date Collected: 09/28/15 14:05 Date Received: 09/28/15 Field Prep: Not Specified Extraction Method: EPA 3546 09/29/15 04:55 Extraction Date:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - W	estborough Lab					
Acenaphthene	160		ug/kg	160	41.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	65.	1
Hexachlorobenzene	ND		ug/kg	120	37.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	56.	1
2-Chloronaphthalene	ND		ug/kg	200	65.	1
1,2-Dichlorobenzene	ND		ug/kg	200	66.	1
1,3-Dichlorobenzene	ND		ug/kg	200	63.	1
1,4-Dichlorobenzene	ND		ug/kg	200	61.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	43.	1
2,6-Dinitrotoluene	ND		ug/kg	200	51.	1
Fluoranthene	3300		ug/kg	120	37.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	61.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	46.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	70.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	60.	1
Hexachlorobutadiene	ND		ug/kg	200	56.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	130	1
Hexachloroethane	ND		ug/kg	160	36.	1
Isophorone	ND		ug/kg	180	53.	1
Naphthalene	300		ug/kg	200	66.	1
Nitrobenzene	ND		ug/kg	180	48.	1
NDPA/DPA	ND		ug/kg	160	42.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	60.	1
Bis(2-ethylhexyl)phthalate	60	J	ug/kg	200	52.	1
Butyl benzyl phthalate	ND		ug/kg	200	39.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	49.	1
Diethyl phthalate	ND		ug/kg	200	42.	1
Dimethyl phthalate	ND		ug/kg	200	51.	1



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-31 Date Collected: 09/28/15 14:05

Client ID: G1C Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
Semivolatile Organics by GC/MS - W	estborough Lab						
Benzo(a)anthracene	1900		ug/kg	120	39.	1	
Benzo(a)pyrene	1700		ug/kg	160	49.	1	
Benzo(b)fluoranthene	2400		ug/kg	120	40.	1	
Benzo(k)fluoranthene	840		ug/kg	120	38.	1	
Chrysene	1700		ug/kg	120	39.	1	
Acenaphthylene	390		ug/kg	160	37.	1	
Anthracene	660		ug/kg	120	33.	1	
Benzo(ghi)perylene	990		ug/kg	160	42.	1	
Fluorene	300		ug/kg	200	57.	1	
Phenanthrene	2000		ug/kg	120	39.	1	
Dibenzo(a,h)anthracene	300		ug/kg	120	39.	1	
Indeno(1,2,3-cd)pyrene	1200		ug/kg	160	44.	1	
Pyrene	2800		ug/kg	120	39.	1	
Biphenyl	ND		ug/kg	460	66.	1	
4-Chloroaniline	ND		ug/kg	200	53.	1	
2-Nitroaniline	ND		ug/kg	200	56.	1	
3-Nitroaniline	ND		ug/kg	200	55.	1	
4-Nitroaniline	ND		ug/kg	200	54.	1	
Dibenzofuran	150	J	ug/kg	200	67.	1	
2-Methylnaphthalene	270		ug/kg	240	64.	1	
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	62.	1	
Acetophenone	ND		ug/kg	200	62.	1	
Benzyl Alcohol	ND		ug/kg	200	62.	1	
Carbazole	180	J	ug/kg	200	43.	1	

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
Nitrobenzene-d5	80		23-120	
2-Fluorobiphenyl	86		30-120	
4-Terphenyl-d14	87		18-120	



L1524253

**Project Name: DESTINY** 

**Project Number:** 15151

**SAMPLE RESULTS** 

Report Date: 09/30/15

Lab Number:

Lab ID: L1524253-35

Client ID: H1C

SYRACUSE, NY Sample Location:

Matrix: Soil Analytical Method: 1,8270D

Analytical Date: 09/29/15 14:48

Analyst: RC 77% Percent Solids:

Date Collected: 09/28/15 14:25 Date Received: 09/28/15 Field Prep: Not Specified Extraction Method: EPA 3546 09/29/15 04:55 Extraction Date:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS	- Westborough Lab					
Acenaphthene	ND		ug/kg	170	44.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	71.	1
Hexachlorobenzene	ND		ug/kg	130	40.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	60.	1
2-Chloronaphthalene	ND		ug/kg	220	70.	1
1,2-Dichlorobenzene	ND		ug/kg	220	71.	1
1,3-Dichlorobenzene	ND		ug/kg	220	68.	1
1,4-Dichlorobenzene	ND		ug/kg	220	66.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	57.	1
2,4-Dinitrotoluene	ND		ug/kg	220	47.	1
2,6-Dinitrotoluene	ND		ug/kg	220	55.	1
Fluoranthene	450		ug/kg	130	40.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	66.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	50.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	76.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	65.	1
Hexachlorobutadiene	ND		ug/kg	220	61.	1
Hexachlorocyclopentadiene	ND		ug/kg	620	140	1
Hexachloroethane	ND		ug/kg	170	39.	1
Isophorone	ND		ug/kg	190	57.	1
Naphthalene	470		ug/kg	220	72.	1
Nitrobenzene	ND		ug/kg	190	51.	1
NDPA/DPA	ND		ug/kg	170	45.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	64.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	57.	1
Butyl benzyl phthalate	ND		ug/kg	220	42.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	53.	1
Diethyl phthalate	ND		ug/kg	220	46.	1
Dimethyl phthalate	ND		ug/kg	220	55.	1



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-35 Date Collected: 09/28/15 14:25

Client ID: Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

**Parameter** Result Qualifier Units RLMDL **Dilution Factor** Semivolatile Organics by GC/MS - Westborough Lab Benzo(a)anthracene 340 130 42. ug/kg 1 Benzo(a)pyrene 380 ug/kg 170 53. 1 Benzo(b)fluoranthene 550 130 44. 1 ug/kg 180 41. Benzo(k)fluoranthene 130 1 ug/kg Chrysene 380 130 42. 1 ug/kg Acenaphthylene 180 170 40. 1 ug/kg Anthracene 130 130 36. 1 ug/kg 45. 1 Benzo(ghi)perylene 290 ug/kg 170 ND Fluorene ug/kg 220 62. 1 360 130 42. Phenanthrene 1 ug/kg Dibenzo(a,h)anthracene 79 J ug/kg 130 42. 1 Indeno(1,2,3-cd)pyrene 310 170 48. 1 ug/kg Pyrene 450 130 42. 1 ug/kg J Biphenyl 80 490 71. 1 ug/kg 4-Chloroaniline ND 220 57. 1 ug/kg 2-Nitroaniline ND 220 61. 1 ug/kg ND 3-Nitroaniline 220 60. 1 ug/kg 4-Nitroaniline ND 220 58. 1 ug/kg Dibenzofuran 110 J 220 72. 1 ug/kg 2-Methylnaphthalene 660 69. 1 260 ug/kg 1,2,4,5-Tetrachlorobenzene ND 220 67. 1 ug/kg Acetophenone ND ug/kg 220 67. 1 Benzyl Alcohol ND 220 66. 1 ug/kg Carbazole 48 J ug/kg 220 46. 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
Nitrobenzene-d5	81		23-120	
2-Fluorobiphenyl	87		30-120	
4-Terphenyl-d14	82		18-120	



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-37

Client ID: H2C

Sample Location: SYRACUSE, NY

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 09/29/15 15:14

Analyst: RC Percent Solids: 78%

Date Collected: 09/28/15 14:30
Date Received: 09/28/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 09/29/15 04:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS -	Westborough Lab					
Acenaphthene	ND		ug/kg	170	43.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	68.	1
Hexachlorobenzene	ND		ug/kg	120	39.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	58.	1
2-Chloronaphthalene	ND		ug/kg	210	68.	1
1,2-Dichlorobenzene	ND		ug/kg	210	68.	1
1,3-Dichlorobenzene	ND		ug/kg	210	66.	1
1,4-Dichlorobenzene	ND		ug/kg	210	63.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	45.	1
2,6-Dinitrotoluene	ND		ug/kg	210	53.	1
Fluoranthene	500		ug/kg	120	38.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	63.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	48.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	73.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	63.	1
Hexachlorobutadiene	ND		ug/kg	210	59.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	130	1
Hexachloroethane	ND		ug/kg	170	38.	1
Isophorone	ND		ug/kg	190	55.	1
Naphthalene	520		ug/kg	210	69.	1
Nitrobenzene	ND		ug/kg	190	50.	1
NDPA/DPA	ND		ug/kg	170	44.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	62.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	54.	1
Butyl benzyl phthalate	ND		ug/kg	210	41.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	51.	1
Diethyl phthalate	ND		ug/kg	210	44.	1
Dimethyl phthalate	ND		ug/kg	210	53.	1



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-37 Date Collected: 09/28/15 14:30

Client ID: Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

**Parameter** Result Qualifier Units RLMDL **Dilution Factor** Semivolatile Organics by GC/MS - Westborough Lab 300 Benzo(a)anthracene 120 41. ug/kg 1 Benzo(a)pyrene 360 ug/kg 170 51. 1 Benzo(b)fluoranthene 500 120 42. 1 ug/kg 170 40. Benzo(k)fluoranthene 120 1 ug/kg Chrysene 360 120 41. 1 ug/kg Acenaphthylene 190 170 39. 1 ug/kg 140 Anthracene 120 35. 1 ug/kg 280 1 Benzo(ghi)perylene ug/kg 170 43. J Fluorene 76 ug/kg 210 60. 1 370 120 41. Phenanthrene 1 ug/kg Dibenzo(a,h)anthracene 84 J ug/kg 120 40. 1 Indeno(1,2,3-cd)pyrene 310 170 46. 1 ug/kg Pyrene 460 120 40. 1 ug/kg 74 J Biphenyl 470 69. 1 ug/kg 4-Chloroaniline ND 210 55. 1 ug/kg 2-Nitroaniline ND 210 59. 1 ug/kg ND 3-Nitroaniline 210 57. 1 ug/kg 4-Nitroaniline ND 210 56. 1 ug/kg Dibenzofuran 100 J 210 69. 1 ug/kg 2-Methylnaphthalene 680 66. 1 250 ug/kg 1,2,4,5-Tetrachlorobenzene ND 210 64. 1 ug/kg Acetophenone ND ug/kg 210 64. 1 Benzyl Alcohol ND 210 64. 1 ug/kg Carbazole ND ug/kg 210 45. 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
Nitrobenzene-d5	89		23-120	
2-Fluorobiphenyl	92		30-120	
4-Terphenyl-d14	86		18-120	



L1524253

09/30/15

Project Name:DESTINYLab Number:Project Number:15151Report Date:

#### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D Analytical Date: 09/29/15 10:42

Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 09/29/15 00:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS Batch: WG825824-1	- Westborougl	n Lab for s	sample(s):	02,06,08,12	2,16,18,21,26,28,31,35,37
Acenaphthene	ND		ug/kg	130	34.
1,2,4-Trichlorobenzene	ND		ug/kg	160	54.
Hexachlorobenzene	ND		ug/kg	98	30.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	53.
1,2-Dichlorobenzene	ND		ug/kg	160	54.
1,3-Dichlorobenzene	ND		ug/kg	160	51.
1,4-Dichlorobenzene	ND		ug/kg	160	50.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	98	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	50.
4-Bromophenyl phenyl ether	ND		ug/kg	160	38.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	57.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	49.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	470	100
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	43.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	150	39.
NDPA/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	49.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	43.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	32.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.



Project Name:DESTINYLab Number:L1524253Project Number:15151Report Date:09/30/15

#### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D Analytical Date: 09/29/15 10:42

Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 09/29/15 00:34

Parameter	Result	Qualifier	Units	RL	MDL	
Semivolatile Organics by GC/MS Batch: WG825824-1	- Westboroug	h Lab for s	sample(s):	02,06,08,12	2,16,18,21,26,28,3	31,35,37
Dimethyl phthalate	ND		ug/kg	160	41.	
Benzo(a)anthracene	ND		ug/kg	98	32.	
Benzo(a)pyrene	ND		ug/kg	130	40.	
Benzo(b)fluoranthene	ND		ug/kg	98	33.	
Benzo(k)fluoranthene	ND		ug/kg	98	31.	
Chrysene	ND		ug/kg	98	32.	
Acenaphthylene	ND		ug/kg	130	30.	
Anthracene	ND		ug/kg	98	27.	
Benzo(ghi)perylene	ND		ug/kg	130	34.	
Fluorene	ND		ug/kg	160	47.	
Phenanthrene	ND		ug/kg	98	32.	
Dibenzo(a,h)anthracene	ND		ug/kg	98	32.	
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	36.	
Pyrene	ND		ug/kg	98	32.	
Biphenyl	ND		ug/kg	370	54.	
4-Chloroaniline	ND		ug/kg	160	43.	
2-Nitroaniline	ND		ug/kg	160	46.	
3-Nitroaniline	ND		ug/kg	160	45.	
4-Nitroaniline	ND		ug/kg	160	44.	
Dibenzofuran	ND		ug/kg	160	54.	
2-Methylnaphthalene	ND		ug/kg	200	52.	
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	51.	
Acetophenone	ND		ug/kg	160	51.	
Benzyl Alcohol	ND		ug/kg	160	50.	
Carbazole	ND		ug/kg	160	35.	



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D Extraction Method: EPA 3546

Analytical Date: 09/29/15 10:42 Extraction Date: 09/29/15 00:34 Analyst: RC

Parameter Result Qualifier Units RL MDL

Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,06,08,12,16,18,21,26,28,31,35,37 Batch: WG825824-1

			Acceptance	
Surrogate	%Recovery	Qualifier	Criteria	
2-Fluorophenol	60		25-120	
Phenol-d6	60		10-120	
Nitrobenzene-d5	63		23-120	
2-Fluorobiphenyl	66		30-120	
2,4,6-Tribromophenol	82		10-136	
4-Terphenyl-d14	74		18-120	



Project Name: DESTINY

**Project Number:** 15151

Lab Number: L1524253

rameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits		RPD	Qual	RPD Limits
mivolatile Organics by GC/MS - Westbor	ough Lab Assoc	iated sample(s):	02,06,08,12,1	6,18,21,26	,28,31,35,37	Batch:	WG825824	1-2 WG8	25824-3
Acenaphthene	64		78		31-137		20		50
Benzidine	55		62		10-66		12		50
n-Nitrosodimethylamine	43		56		22-100		26		50
1,2,4-Trichlorobenzene	61		77		38-107		23		50
Hexachlorobenzene	77		90		40-140		16		50
Bis(2-chloroethyl)ether	50		65		40-140		26		50
2-Chloronaphthalene	66		80		40-140		19		50
1,2-Dichlorobenzene	54		70		40-140		26		50
1,3-Dichlorobenzene	53		68		40-140		25		50
1,4-Dichlorobenzene	52		69		28-104		28		50
3,3'-Dichlorobenzidine	68		74		40-140		8		50
2,4-Dinitrotoluene	81		93	Q	28-89		14		50
2,6-Dinitrotoluene	76		88		40-140		15		50
Fluoranthene	74		86		40-140		15		50
4-Chlorophenyl phenyl ether	69		82		40-140		17		50
4-Bromophenyl phenyl ether	75		88		40-140		16		50
Azobenzene	65		77		40-140		17		50
Bis(2-chloroisopropyl)ether	38	Q	49		40-140		25		50
Bis(2-chloroethoxy)methane	55		69		40-117		23		50
Hexachlorobutadiene	66		83		40-140		23		50
Hexachlorocyclopentadiene	86		103		40-140		18		50



Project Name: DESTINY

**Project Number:** 15151

Lab Number: L1524253

Parameter	LCS %Recovery	Qual	LCSD %Recovery	%Recovery Qual Limits	, RPD	RPD Qual Limits	
Semivolatile Organics by GC/MS - West	tborough Lab Associa	ated sample(s):	02,06,08,12,1	6,18,21,26,28,31,35,37	Batch: WG8258	24-2 WG825824-3	
Hexachloroethane	55		72	40-140	27	50	
Isophorone	59		72	40-140	20	50	
Naphthalene	60		74	40-140	21	50	
Nitrobenzene	66		82	40-140	22	50	
NitrosoDiPhenylAmine(NDPA)/DPA	72		84	36-157	15	50	
n-Nitrosodi-n-propylamine	55		70	32-121	24	50	
Bis(2-Ethylhexyl)phthalate	82		98	40-140	18	50	
Butyl benzyl phthalate	83		97	40-140	16	50	
Di-n-butylphthalate	83		96	40-140	15	50	
Di-n-octylphthalate	87		100	40-140	14	50	
Diethyl phthalate	78		90	40-140	14	50	
Dimethyl phthalate	74		87	40-140	16	50	
Benzo(a)anthracene	73		83	40-140	13	50	
Benzo(a)pyrene	72		82	40-140	13	50	
Benzo(b)fluoranthene	72		83	40-140	14	50	
Benzo(k)fluoranthene	65		74	40-140	13	50	
Chrysene	70		80	40-140	13	50	
Acenaphthylene	71		84	40-140	17	50	
Anthracene	74		84	40-140	13	50	
Benzo(ghi)perylene	73		83	40-140	13	50	
Fluorene	70		82	40-140	16	50	



Project Name: DESTINY

**Project Number:** 15151

Lab Number: L1524253

arameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	′	RPD	Qual	RPD Limits	
Semivolatile Organics by GC/MS - W	estborough Lab Associa	ated sample(s):	02,06,08,12,1	6,18,21,26,	28,31,35,37	Batch:	WG82582	4-2 WG8	25824-3	
Phenanthrene	69		79		40-140		14		50	
Dibenzo(a,h)anthracene	72		82		40-140		13		50	
Indeno(1,2,3-cd)Pyrene	74		85		40-140		14		50	
Pyrene	72		84		35-142		15		50	
Biphenyl	64		77		54-104		18		50	
4-Chloroaniline	69		79		40-140		14		50	
2-Nitroaniline	78		90		47-134		14		50	
3-Nitroaniline	69		78		26-129		12		50	
4-Nitroaniline	78		90		41-125		14		50	
Dibenzofuran	68		80		40-140		16		50	
2-Methylnaphthalene	64		78		40-140		20		50	
1,2,4,5-Tetrachlorobenzene	64		78		40-117		20		50	
Acetophenone	60		76		14-144		24		50	
2,4,6-Trichlorophenol	74		87		30-130		16		50	
P-Chloro-M-Cresol	79		94		26-103		17		50	
2-Chlorophenol	61		77		25-102		23		50	
2,4-Dichlorophenol	73		87		30-130		18		50	
2,4-Dimethylphenol	69		86		30-130		22		50	
2-Nitrophenol	67		82		30-130		20		50	
4-Nitrophenol	88		102		11-114		15		50	
2,4-Dinitrophenol	27		42		4-130		43		50	



Project Name: DESTINY

**Project Number:** 15151

Lab Number: L1524253

arameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits		PD	Qual	RPD Limits
emivolatile Organics by GC/MS - Westborou	ıgh Lab Associ	ated sample(s):	02,06,08,12,10	6,18,21,26,	28,31,35,37	Batch: W	G825824	-2 WG	8825824-3
4,6-Dinitro-o-cresol	67		82		10-130		20		50
Pentachlorophenol	69		82		17-109		17		50
Phenol	57		72		26-90		23		50
2-Methylphenol	62		76		30-130.		20		50
3-Methylphenol/4-Methylphenol	66		83		30-130		23		50
2,4,5-Trichlorophenol	81		94		30-130		15		50
Benzoic Acid	0	Q	0	Q	10-66	ı	NC .		50
Benzyl Alcohol	61		79		40-140		26		50
Carbazole	73		84		54-128		14		50
Benzaldehyde	55		70		40-140		24		50
Caprolactam	60		70		15-130		15		50
Atrazine	81		91		40-140		12		50
2,3,4,6-Tetrachlorophenol	73		86		40-140		16		50

LCS		LCSD		Acceptance
%Recovery	Qual	%Recovery	Qual	Criteria
59		75		25-120
59		74		10-120
63		77		23-120
68		81		30-120
97		111		10-136
75		87		18-120
	<b>%Recovery</b> 59  59  63  68  97	%Recovery Qual  59 59 63 68 97	%Recovery         Qual         %Recovery           59         75           59         74           63         77           68         81           97         111	%Recovery         Qual         %Recovery         Qual           59         75           59         74           63         77           68         81           97         111



# INORGANICS & MISCELLANEOUS



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-01 Date Collected: 09/28/15 09:30

Client ID: A1 Date Received: 09/28/15

Sample Location: SYRACUSE, NY Field Prep: Not Specified Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry -	· Westborough Lab	)								
Solids, Total	75.2		%	0.100	NA	1	-	09/29/15 03:15	30,2540G	RT



09/29/15 03:15

30,2540G

RT

Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-02 Date Collected: 09/28/15 10:20

Client ID: A1C Date Received: 09/28/15

0.100

%

Sample Location: SYRACUSE, NY Field Prep: Not Specified Matrix: Soil

Parameter Result Qualifier Units RL MDL Factor Prepared Analyzed Method Analyst

General Chemistry - Westborough Lab

NA

1



Solids, Total

Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-03 Date Collected: 09/28/15 10:10

Client ID: A2 Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result Qua	lifier Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry -	- Westborough Lab								
Solids, Total	75.2	%	0.100	NA	1	-	09/29/15 03:15	30,2540G	RT



**Project Name:** Lab Number: **DESTINY** L1524253

**Project Number:** 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: Date Collected: L1524253-04 09/28/15 10:30

АЗ Client ID:

Date Received: 09/28/15 Sample Location: SYRACUSE, NY Not Specified Field Prep:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry	- Westborough Lab	)								
Solids, Total	79.4		%	0.100	NA	1	-	09/29/15 03:15	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-05 Date Collected: 09/28/15 10:40

Client ID: B1 Date Received: 09/28/15

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry	- Westborough Lab									
Solids, Total	75.5		%	0.100	NA	1	-	09/29/15 03:15	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-06 Date Collected: 09/28/15 11:00

Client ID: B1C Date Received: 09/28/15

Sample Location: SYRACUSE, NY Field Prep: Not Specified Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry	- Westborough Lab	)								
Solids, Total	73.1		%	0.100	NA	1	-	09/29/15 03:15	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-07 Date Collected: 09/28/15 11:05

Client ID: B2 Date Received: 09/28/15

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - W	estborough Lab	)								
Solids, Total	75.2		%	0.100	NA	1	-	09/29/15 03:15	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-08 Date Collected: 09/28/15 11:10

Client ID: B2C Date Received: 09/28/15

Sample Location: SYRACUSE, NY Field Prep: Not Specified Matrix: Soil

Matrix. John

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry -	Westborough Lab	)								
Solids, Total	75.1		%	0.100	NA	1	_	09/29/15 03:15	30,2540G	RT



**Project Name:** Lab Number: **DESTINY** L1524253

**Project Number:** 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: Date Collected: L1524253-09 09/28/15 11:15

Client ID: Date Received: 09/28/15 Sample Location: SYRACUSE, NY

Not Specified Field Prep:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry	- Westborough Lab									
Solids, Total	71.2		%	0.100	NA	1	-	09/29/15 03:15	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-10 Date Collected: 09/28/15 11:30

Client ID: B4 Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

Matrix: Soil

Analytical Method **Dilution** Date Date Factor Prepared Analyzed Result Qualifier Units RL MDL **Parameter Analyst** General Chemistry - Westborough Lab Solids, Total % 0.100 NA 1 09/29/15 03:15 30,2540G RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-11 Date Collected: 09/28/15 11:40

Client ID: C1 Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result Qual	ifier Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry	- Westborough Lab								
Solids, Total	84.4	%	0.100	NA	1	-	09/29/15 03:15	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-12 Date Collected: 09/28/15 11:50

Client ID: C1C Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry	· - Westborough Lab	)								
Solide Total	79 O		0/_	0.100	NΙΔ	1		00/20/15 03:15	30 2540G	РT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-13 Date Collected: 09/28/15 11:45

Client ID: C2 Date Received: 09/28/15

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry	- Westborough Lab	)								
Solids, Total	82.3		%	0.100	NA	1	-	09/29/15 03:15	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-14 Date Collected: 09/28/15 12:05

Client ID: C3 Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Spec

Sample Location: SYRACUSE, NY Field Prep: Not Specified Matrix: Soil

Analytical Method **Dilution** Date Date Factor Prepared Analyzed Result Qualifier Units RL MDL **Parameter Analyst** General Chemistry - Westborough Lab Solids, Total 84.0 % 0.100 NA 1 09/29/15 03:15 30,2540G RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-15 Date Collected: 09/28/15 12:40

Client ID: Date Received: 09/28/15

Sample Location: SYRACUSE, NY Field Prep: Not Specified Matrix: Soil

Matrix. Con

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry	- Westborough Lab	)								
Solids, Total	82.9		%	0.100	NA	1	-	09/29/15 03:15	30,2540G	RT



**Project Name:** Lab Number: **DESTINY** L1524253

**Project Number:** 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: Date Collected: L1524253-16 09/28/15 12:45

D1C Client ID: Date Received: 09/28/15 Sample Location: SYRACUSE, NY Not Specified

Field Prep:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry	- Westborough Lab									
Solids, Total	78.7		%	0.100	NA	1	-	09/29/15 03:15	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-17 Date Collected: 09/28/15 12:50

Client ID: D2 Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Location: SYRACUSE, NY Field Prep: N
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - W	estborough Lab	)								
Solids, Total	80.8		%	0.100	NA	1	-	09/29/15 03:15	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-18 Date Collected: 09/28/15 12:52

Client ID: D2C Date Received: 09/28/15

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry	- Westborough Lab									
Solids, Total	81.7		%	0.100	NA	1	-	09/29/15 03:15	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-19 Date Collected: 09/28/15 13:15

Client ID: Date Received: 09/28/15

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry	- Westborough Lab									
Solids, Total	84.9		%	0.100	NA	1	-	09/29/15 03:15	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-20 Date Collected: 09/28/15 12:55

Client ID: E1 Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry	- Westborough Lab	)								
Solids, Total	90.6		%	0.100	NA	1	-	09/29/15 03:15	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-21 Date Collected: 09/28/15 13:05

Client ID: B1C Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry	- Westborough Lab									
Solids, Total	82.8		%	0.100	NA	1	-	09/29/15 03:30	30,2540G	RT



**Project Name:** Lab Number: **DESTINY** L1524253

**Project Number:** 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: Date Collected: L1524253-22 09/28/15 13:00

Client ID: Date Received: 09/28/15

Sample Location: SYRACUSE, NY Not Specified Field Prep:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry	- Westborough Lab									
Solids, Total	83.3		%	0.100	NA	1	-	09/29/15 03:30	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-23 Date Collected: 09/28/15 13:20

Client ID: E3 Date Received: 09/28/15

Sample Location: SYRACUSE, NY Field Prep: Not Specified Matrix: Soil

Analytical Method **Dilution** Date Date Factor Prepared Analyzed Result Qualifier Units RL MDL **Parameter Analyst** General Chemistry - Westborough Lab Solids, Total 83.4 % 0.100 NA 1 09/29/15 03:30 30,2540G RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-24 Date Collected: 09/28/15 13:25

Client ID: E4 Date Received: 09/28/15

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - \	Westborough Lab	)								
Solids, Total	81.8		%	0.100	NA	1	-	09/29/15 03:30	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-25 Date Collected: 09/28/15 13:30

Client ID: F1 Date Received: 09/28/15

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry	- Westborough Lab									
Solids, Total	82.4		%	0.100	NA	1	-	09/29/15 03:30	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-26 Date Collected: 09/28/15 13:35

Client ID: F1C Date Received: 09/28/15

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry	- Westborough Lab									
Solids, Total	83.4		%	0.100	NA	1	_	09/29/15 03:30	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-27 Date Collected: 09/28/15 13:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry	- Westborough Lab	)								
Solids, Total	83.3		%	0.100	NA	1	-	09/29/15 03:30	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-28 Date Collected: 09/28/15 13:45

Client ID: F2C Date Received: 09/28/15

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry	- Westborough Lab									
Solids, Total	84.3		%	0.100	NA	1	-	09/29/15 03:30	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-29 Date Collected: 09/28/15 13:50

Client ID: F3 Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - V	Vestborough Lab	)								
Solids, Total	81.5		%	0.100	NA	1	-	09/29/15 03:30	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-30 Date Collected: 09/28/15 13:52

Client ID: G1 Date Received: 09/28/15

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Wes	tborough Lat	)								
Solids, Total	84.8		%	0.100	NA	1	-	09/29/15 03:30	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-31 Date Collected: 09/28/15 14:05

Client ID: G1C Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry -	Westborough Lab									
Solids, Total	82.1		%	0.100	NA	1	-	09/29/15 03:30	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-32 Date Collected: 09/28/15 13:55

Client ID: G2 Date Received: 09/28/15

Sample Location: SYRACUSE, NY Field Prep: Not Specified Matrix: Soil

Analytical Method **Dilution** Date Date Factor Prepared Analyzed Result Qualifier Units RL MDL **Parameter Analyst** General Chemistry - Westborough Lab Solids, Total % 0.100 NA 1 09/29/15 03:30 30,2540G RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-33 Date Collected: 09/28/15 14:00

Client ID: G3 Date Received: 09/28/15

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry	- Westborough Lab									
Solids, Total	80.1		%	0.100	NA	1	-	09/29/15 03:30	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-34 Date Collected: 09/28/15 14:10

Client ID: H1 Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry	- Westborough Lab	)								
Solids, Total	76.2		%	0.100	NA	1	_	09/29/15 03:30	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-35 Date Collected: 09/28/15 14:25

Client ID: H1C Date Received: 09/28/15

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result Qu	ualifier Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry	- Westborough Lab								
Solids, Total	76.6	%	0.100	NA	1	-	09/29/15 03:30	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-36 Date Collected: 09/28/15 14:15

Client ID: H2 Date Received: 09/28/15

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry -	Westborough Lab									
Solids, Total	78.2		%	0.100	NA	1	-	09/29/15 03:30	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-37 Date Collected: 09/28/15 14:30

Client ID: H2C Date Received: 09/28/15

Sample Location: SYRACUSE, NY Field Prep: Not Specified Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry -	Westborough Lab	)								
Solids, Total	78.1		%	0.100	NA	1	-	09/29/15 03:30	30,2540G	RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-38 Date Collected: 09/28/15 14:20

Client ID: H3 Date Received: 09/28/15
Sample Location: SYRACUSE, NY Field Prep: Not Specified

Matrix: Soil

Analytical Method **Dilution** Date Date Factor Prepared Analyzed Result Qualifier Units RL MDL **Parameter Analyst** General Chemistry - Westborough Lab Solids, Total % 0.100 NA 1 09/29/15 03:30 30,2540G RT



Project Name: DESTINY Lab Number: L1524253

Project Number: 15151 Report Date: 09/30/15

**SAMPLE RESULTS** 

Lab ID: L1524253-39 Date Collected: 09/28/15 14:23

Client ID: H4 Date Received: 09/28/15

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Parameter	Result Q	Qualifier U	nits	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry	- Westborough Lab									
Solids, Total	83.2		%	0.100	NA	1	_	09/29/15 03:30	30,2540G	RT



# Lab Duplicate Analysis Batch Quality Control

**Project Name:** DESTINY **Project Number:** 15151

Lab Number:

L1524253

Report Date:

09/30/15

Parameter	Native Sampl	le Duplicate Samp	le Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sam	nple(s): 01-20 (	QC Batch ID: WG825845-1	QC Sample: L15	24253-01	Client ID: A1	
Solids, Total	75.2	76.8	%	2		20
General Chemistry - Westborough Lab Associated sam	nple(s): 21-39 (	QC Batch ID: WG825848-1	QC Sample: L152	24252-01	Client ID: DU	JP Sample
Solids, Total	37.6	38.5	%	2		20



Project Name:DESTINYLab Number:L1524253Project Number:15151Report Date:09/30/15

#### **Sample Receipt and Container Information**

Were project specific reporting limits specified?

Reagent H2O Preserved Vials Frozen on: NA

### **Cooler Information Custody Seal**

Cooler

A Absent

Container Info	rmation			Temp			
Container ID	Container Type	Cooler	рН	deg C	Pres	Seal	Analysis(*)
L1524253-01A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-01A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-02A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	NYTCL-8270(14),TS(7)
L1524253-03A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-03A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-04A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-04A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-05A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-05A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-06A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	NYTCL-8270(14),TS(7)
L1524253-07A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-07A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-08A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	NYTCL-8270(14),TS(7)
L1524253-09A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-09A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-10A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-10A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-11A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-11A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-12A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	NYTCL-8270(14),TS(7)
L1524253-13A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-13A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-14A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-14A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-15A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-15A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-16A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	NYTCL-8270(14),TS(7)



**Project Name:** DESTINY **Project Number:** 15151

**Lab Number:** L1524253 **Report Date:** 09/30/15

Container Info	ormation			Temp			
Container ID	Container Type	Cooler	рН	deg C	Pres	Seal	Analysis(*)
L1524253-17A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-17A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-18A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	NYTCL-8270(14),TS(7)
L1524253-19A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-19A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-20A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-20A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-21A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	NYTCL-8270(14),TS(7)
L1524253-22A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-22A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-23A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-23A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-24A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-24A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-25A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-25A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-26A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	NYTCL-8270(14),TS(7)
L1524253-27A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-27A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-28A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	NYTCL-8270(14),TS(7)
L1524253-29A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-29A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-30A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-30A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-31A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	NYTCL-8270(14),TS(7)
L1524253-32A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-32A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-33A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-33A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-34A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-34A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-35A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	NYTCL-8270(14),TS(7)
L1524253-36A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-36A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-37A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	NYTCL-8270(14),TS(7)
L1524253-38A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)



Project Name:DESTINYLab Number:L1524253Project Number:15151Report Date:09/30/15

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Container ID	Container Type	Cooler	рН	deg C	Pres	Seal	Analysis(*)
L1524253-38A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)
L1524253-39A	Glass 120ml/4oz unpreserved	Α	N/A	4.9	Υ	Absent	TS(7),NYTCL-8260(14)
L1524253-39A9	Vial MeOH preserved split	Α	N/A	4.9	Υ	Absent	NYTCL-8260(14)



Project Name:DESTINYLab Number:L1524253Project Number:15151Report Date:09/30/15

#### **GLOSSARY**

#### **Acronyms**

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).

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.

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.

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.

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.

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

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

#### **Terms**

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.

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.

#### Data Qualifiers

- A Spectra identified as "Aldol Condensation Product".
- 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).
- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name:DESTINYLab Number:L1524253Project Number:15151Report Date:09/30/15

#### **Data Qualifiers**

- 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.
- M Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- 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.)
- R Analytical results are from sample re-analysis.
- RE Analytical results are from sample re-extraction.
- S Analytical results are from modified screening analysis.
- 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).
- ND Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name:DESTINYLab Number:L1524253Project Number:15151Report Date:09/30/15

#### **REFERENCES**

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

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

#### **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.



Alpha Analytical, Inc. Facility: Company-wide

Department: Quality Assurance

Title: Certificate/Approval Program Summary

ID No.:17873 Revision 2

Published Date: 9/28/2015 10:34:24 AM

Page 1 of 1

#### **Certification Information**

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

#### Westborough Facility

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide) (soil), Methyl methacrylate (soil),

Azobenzene.

**EPA 8270D:** Dimethylnaphthalene,1,4-Diphenylhydrazine.

**EPA 625:** 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.

#### **Mansfield Facility**

EPA 8270D: Biphenyl. EPA 2540D: TSS

**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene,

Benzothiophene, 1-Methylnaphthalene.

#### The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

#### **Drinking Water**

**EPA 200.8**: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1**: Mercury;

EPA 300.0: 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, SM4500CI-D, SM2320B, SM2540C, SM4500H-B

EPA 332: Perchlorate.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.

#### Non-Potable Water

**EPA 200.8**: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC,

SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, LACHAT 10-107-06-1-B: Ammonia-N, SM4500NO3-F,

EPA 353.2: Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4,

SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.

EPA 624: Volatile Halocarbons & Aromatics,

**EPA 608**: 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: SVOC (Acid/Base/Neutral Extractables), EPA 600/4-81-045: PCB-Oil.

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.

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

Document Type: Form

Pre-Qualtrax Document ID: 08-113

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Westborough, MA 01581	Mansfield, MA 02048	Project Information				Deliverables					Billing Information	
8 Walkup Dr. TEL: 508-898-9220	320 Forbes Blvd TEL: 508-822-9300	Project Name: Desk	202				ASP-A			ASP-B		Same as Client Info
FAX: 508-898-9193	FAX: 508-822-3288	D : 11 !: 0	a Sare	NY			1 1	EQuIS (1 F	File)		IS (4 File)	PO#
Client Information	Construction of the Constr			V			Other					
								ılatory Requ	irement	Disposal Site Information		
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			Manager: Front Polluto					NY TOGS	ordo	Please identify below location of applicable disposal facilities.		
	on by 1210	ALPHAQuote #:					AWQ Standards NY CP-51					
Phone: 518-78		Turn-Around Time					NY Restricted Use Other					Disposal Facility:
Fax: 518-787	2-0973	Standard Due Date:					NY Unrestricted Use					NJ NY
Email:		Rush (only if pre approved) # of Days: A DAYS					NYC Sewer Discharge					Other:
	These samples have been previously analyzed by Alpha						ANALYSIS					Sample Filtration T
Other project specific	requirements/comm	ents:						5				Done t
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(Lab Use Only)	Sa	mple ID	Date Time		Matrix	Initials	8360	0/ET-01-C8				Sample Specific Comments
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B = HCI	A = Amber Glass	Mansfield: Certification No	o: MA015		Container Type		1 A	14				and completely. Samples can
	V = Vial G = Glass				п	reservative	A	K				not be logged in and turnaround time clock will not
- · · Z 4	B = Bacteria Cup					reservative	7	14				start until any ambiguities are
F = MeOH	C = Cube	// Relinquished By: / Date/Time					Receiv	red By:		resolved. BY EXECUTING		
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111 - 14020203	D = BOD Bottle	Kly Till- wood Wide 1015						11/1	9-70	HAS READ AND AGREES		
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Form No: 01-25 HC (rev. 30	0-Sept-2013)											
Page 169 of 169												

#### NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

**Division of Environmental Remediation, Region 7** 615 Erie Boulevard West, Syracuse, NY 13204-2400 P: (315) 426-7519, (315) 426-7551 | F: (315) 426-2653 www.dec.ny.gov

October 14, 2015

Mr. Frank Peduto Spectra Environmental Group, Inc. 19 British American Boulevard Latham, NY 12110

RE: Destiny USA Site 3 Soil Management Plan

Dear Mr. Peduto:

The New York State Department of Environmental Conservation (the Department) has reviewed the above referenced soil management plan. As I stated in my October 2, 2015 email the Department is satisfied that treatment has been completed on site 3. Destiny is authorized to continue the requirement of the soil management plan.

Should you have any questions do not hesitate to contact this office.

Sincerely,

Richard J. Brazell, PE Regional Spill Engineer

# APPENDIX L ENVIRONMENTAL PROFESSIONAL QUALIFICATIONS





#### **Education**

MS / Geology / Rensselaer Polytechnic Institute / 1993 MS / Geophysics / Texas A&M University / 1980 BS / Geology / SUNY Brockport / 1977

#### Registration

Registered Professional Geologist (PG) / NY / #000071

## Years of Experience 30+

#### **Relevant Capabilities**

Environmental Remediation Hydrogeologic Assessments Underground Geophysical Mapping Expert Witness Testimony

#### **Training & Certificates**

29 CFR 1910.120 8-hour Refresher Training (2016)29 CFR 1910.120 40 Hour Training (1991)

## John D. Ciampa, PG

## Senior Geologist

A professional environmental scientist specializing in hydrogeology and geophysical applications. Mr. Ciampa has extensive project management and professional experience serving both the public and private sectors. He has worked on a diverse range of environmental and geologic projects including hazardous waste remediation, hydrogeologic assessments, environmental impact statements, waste-disposal facility siting, underground geophysical mapping, minerals and petroleum site evaluations, regulatory development, environmental permitting, and preparation of expert testimony. Mr. Ciampa's experience also includes several high-profile projects, which has led to his direct involvement in numerous public meetings and negotiations with federal, state, and local governmental agencies. He has experience applying for and working within Superfund and Brownfields programs and completing Site Characterization Plans, Remedial Investigations, Feasibility Studies, Alternatives Analysis Studies, and preparation of Remedial Action Work Plans (RAWP). He has worked with a number of private and public sector clients.

## Phase I Environmental Site Assessment for 313 Frogtown Road; Akwesasne, NY

Project Manager

Conducted a Phase I Environmental Site Assessment including an Investigation Work Plan for a 4.5 acre parcel of land. The investigation resulted in several RECs being identified, which resulted in a final report recommending further assessment activities. Conducted research, a visual inspection, and provided a final report.

# Phase I Environmental Site Assessment for the General Motors/Racer Trust Property; Massena, NY

Proiect Manager

Conducted a Phase I ESA at a former General Motors/Racer property, consisting of 46.6 acres. The purpose of the investigation was to identify whether any recognized environmental conditions exist at the site and adjoining properties. As a result of this investigation, Spectra identified several RECs that require further investigation, including possible areas of PCB contamination, a dredge sediment disposal area, and ruptured antifreeze containers.

## Phase I Environmental Site Assessment for Commercial Travelers Insurance Building; Utica, NY

Senior Environmental Scientist

Conducted a Phase I ESA at a five-story building and several parcels of land in Utica. Completed a background investigation into the property and adjoining parcels in order to determine if RECs visually exist. Conducted a site visit and interviewed building owners. Concluded that some subject parcels may be impacted by releases from upgradient properties or from past historic operations on portions of the site. Provided QC review of the final report.



# Phase I and Phase II Environmental Site Assessments at Six Facilities on S. Salina & S. Clinton Streets; Syracuse, NY

Senior Environmental Scientist

Completed Phase I and Phase II Environmental Site Assessments for the Syracuse Community Health Center at six locations. Assessed the subject sites for potentially adverse environmental conditions. During the course of the evaluation, Spectra identified several recognized environmental concerns. The Phase II investigation included a GPR survey, 19 soil borings, installation of six groundwater monitoring wells, four hand borings, and soil and groundwater testing. Results from these tests showed that groundwater quality exceeded state standards for mercury, lead, chromium, copper, and cadmium.

### Rye Playland Phase I Environmental Site Assessment; Rye, NY Project Manager

Completed a Phase I Environmental Site Assessment for Playland Park. The Phase I investigation determined if any recognized environmental conditions exist that could present a material threat of release of hazardous substances into the ground, groundwater, or surface water. The investigation determined that several concerns exist on the property, and further investigation is warranted.

# VanGuysling Avenue & Broadway Phase I Environmental Site Assessment; Schenectady, NY

Senior Environmental Engineer

Completed a Phase I Environmental Site Assessment for the eleven F. Cappiello Diary Products, Inc. parcels of land, totaling 1.26 acres of commercial manufacturing. No RECs were identified.

# Country Grove Restaurant and Bar Phase I & II Environmental Site Assessment; East Greenbush, NY

Senior Environmental Scientist

Completed Phases I and II Environmental Site Assessments (ESA) for two parcels of land, consisting of 17.14 acres in the town of North Greenbush, NY. During the course of the investigation found various items/debris within fill materials placed on the site to be recognized environmental conditions (RECs). Completed a Phase II ESA at the site in response to the RECs. Managed excavation of fourteen test pits at areas suspected and documented to contain off-site fill, and collection of twelve composite soil samples from the test pit locations to characterize the fill placed at the Site. Reviewed laboratory test results in soil with comparisons to NYSDEC recommended soil cleanup levels. Provided findings and recommendations to client within written technical reports.

### Phase I Environmental Site Assessment and Land Trust Application, Hogansburg Triangle, for St. Regis Mohawk Tribe; Bombay, NY Project Manager

Performed a Phase I ESA and federal land trust application for eight parcels of land in Bombay, NY. Evaluated these sites for "recognized environmental conditions" (RECs) resulting from past or present activity and work practices. The site assessment included a review of geologic materials at the sites and regional groundwater flow directions. Completed a full environmental



assessment to transfer these parcels into federal trust. The assessment concluded that there would be no significant environmental impact resulting from the land transfer.

## Route 303 Phase I and II Environmental Site Assessment; Blauvelt, NY Senior Environmental Scientist

Completed a Phase I and II Environmental Site Assessment for a 43.11 acre parcel of land, which was completed to meet necessary requirements for CERCLA liability protection. The new facility is intended to be a FedEx Ground Distribution center. Identified five RECs during the Phase I investigation, and provided sampling and abatement of these RECs during the Phase II ESA.

# Phase I-III Environmental Site Assessments, College Point Boulevard; Flushing, NY

Hydrogeologist

Reviewed the Phase I Environmental Site Assessment that identified recognizable environmental conditions at a site in Flushing, NY. Provided hydrogeologic support for a Phase II investigation at the site to evaluate and to determine if petroleum surface staining locations had affected soils at depths beyond the surface. Reviewed soil borings and groundwater sampling at the site. Reviewed a Phase III report providing a summary of the soil excavation, results of the groundwater and soil data, copies of waste disposal manifests, and recommendations.

# Phase I and Phase II Environmental Site Assessment for Truck One; New Scotland, NY

Project Manager

Completed a Phase I and Phase II ESA for a Truck One facility. The Phase I investigation identified several recognized environmental conditions, including heavy surficial soil staining, numerous oil drums, interior surficial concrete staining, two USTs and one AST, etc. A subsequent Phase II investigation included six soil borings and laboratory analysis of five soil samples, installation of three groundwater monitoring wells, laboratory analysis of three groundwater samples, and analysis of one sediment sample. Completed a "no further action needed" letter to NYSDEC.



### **Education**

BS / Geology and Water Resources / SUNY College at Oneonta / 2011 AAS / Orange County Community College / 2007

# Years of Experience

### **Relevant Capabilities**

Remedial Investigations Phase I Assessments Phase II Assessments

### Training & Certificates

29 CFR 1910.120 8-Hour Refresher Training (2017) Visible Emissions Evaluation (2016) 29 CFR 1910.134E Respirator Clearance (2015) OSHA 1910.120 40-Hour HAZWOPER (2012)

## Joseph C. Krikorian

### **Environmental Scientist**

A highly qualified environmental scientist. Mr. Krikorian is an environmental scientist with a background in remedial investigations and in-situ chemical oxidation processes. He has experience performing vapor intrusion studies and soil and water sampling. He has experience overseeing Membrane Interface Probe (MIP) investigations and geoprobe investigations. Mr. Krikorian also has experience developing Site Characterization (SC) Work Plans and Remedial Work (RW) Plans.

## **Destiny USA Brownfield Support and Remediation Planning, Syracuse, NY** *Environmental Scientist*

Reviewed and compiled all historical environmental site assessment and remediation data to provide technical support for the Brownfield designation of the Destiny Development Project in Syracuse. The project is one of the largest Brownfield projects in New York State and includes the multi-use redevelopment of the existing Carousel Center Mall and former "Oil City" major oil storage facility. Conducted low-flow groundwater sampling and soil sampling. Groundwater monitoring is ongoing.

### Brownfields Application for the Roth Steel Site; Syracuse, NY

Environmental Scientist

Prepared a New York State Brownfields application for the former Roth Steel Site, a 23.9 acre parcel. The property is a former scrap metal processing facility with numerous known environmental contaminants in the soil and water. Provided an investigation and remedial work plan. Coordinated with state agencies.

# Phase I Environmental Site Assessments for Saint Regis Mohawk Tribe; Bombay, NY and Brasher, NY

Environmental Scientist

Conducted Phase I Environmental Site Assessments on three properties in Bombay, NY. Evaluated these sites for "recognized environmental conditions" (RECs) resulting from past or present activity and work practices. The site assessment included a review of geologic materials at the sites and regional groundwater flow directions.

# Phase II Environmental Site Assessment & Remedial Action Plan along Karner Road and Hemlock Street; Colonie, NY

Environmental Scientist

Performed a Phase II Environmental Site Assessment investigation along two properties in Colonie and Latham, NY. Work also included completing a Remedial Action Work Plan for the two properties. The first property was a 1.7 acre site and former fuel pump island. Spectra designed and implemented a Vapor Intrusion Plan for this property. The second property is a 0.75 acre site that revealed no site contamination upon completion of the Phase II investigation.



# **Environmental Conditions Assessment, Holcin Facility; Catskill, NY** *Environmental Scientist*

The client was considering purchasing additional lands adjacent to their Holcim Quarry. The land under consideration had historical use as an industrial manufacturing facility. Spectra provided environmental consultation services and oversight as the client demolished significant buildings and structures on the site, including underground storage tanks. Spectra conducted a site walkthrough after all construction work was completed, including water sampling. Spectra provided a final report presenting the findings of their final walkthrough, with recommendations for further cleanup work.

# Phase II Environmental Site Assessment & Remedial Investigation Work Plan for 313 Frogtown Road; Akwesasne, NY

Environmental Scientist

Conducted a Phase II ESA including a Remedial Investigation Work Plan (RIWP) for the ST. Regis Mohawk Tribe for a 4.5 acre parcel of property located in Akwesasne, NY. The RIWP investigated the existing environmental conditions at the site, including soil and water sampling.

## Embassy Suites, Environmental Services for Destiny USA Sites 6 and 7; Syracuse, NY

**Environmental Scientist** 

Provided environmental support services for contaminated site cleanup on a portion of the larger Destiny site (sites 6 and 7) to accommodate a new Embassy Suites hotel. Spectra conducted a Remedial Investigation Report (RIR) in order to investigate existing environmental conditions, close any existing data gaps, to provide an evaluation of the nature and extent of contamination, and to identify potential source areas of contaminates. Oversaw the transfer of contaminated soil and communicated project needs and milestones with the client.

### TABLE 5: ANALYTICAL DATA SUMMARY - GROUNDWATER (VOCs)

Sampling Date:	As Indicated				
Analytical Method:	As Indicated				
Matrix:	Water			T O O I MYON	
	Standard or			LOCATION	
Compound	Guidance	Units	MW-5	TW-3	TW-8
	Value <sup>1</sup>		7/22/2020	7/23/2020	7/23/2020
1,1,1,2 - Tetrachloroethane		μg/L	ND<1.0	ND<1.0	ND<1.0
1,1,1-Trichloroethane	5	μg/L	ND<1.0	ND<1.0	ND<1.0
1,1,2,2-Tetrachloroethane	5	μg/L	ND<1.0	ND<1.0	ND<1.0
1,1,2-Trichloroethane	1	μg/L	ND<1.0	ND<1.0	ND<1.0
1,1-Dichloroethane	5	μg/L	ND<1.0	ND<1.0	ND<1.0
1,1-Dichloroethene	5	μg/L	ND<1.0	ND<1.0	ND<1.0
1,1 - Dichloropropene		μg/L	ND<1.0	ND<1.0	ND<1.0
1,2,3 - Trichlorobenzene		μg/L	ND<1.0	ND<1.0	ND<1.0
1,2,3 - Trichloropropane		μg/L	ND<1.0	ND<1.0	ND<1.0
1,2,4,5 - Tetramethylbenzene		μg/L	4.0	3.0	ND<1.0
1,2,4-Trichlorobenzene	5	μg/L	ND<1.0	ND<1.0	ND<1.0
1,2,4-Trimethylbenzene	5	μg/L	ND<1.0	ND<1.0	ND<1.0
1,2-Dibromoethane		μg/L	ND<1.0	ND<1.0	ND<1.0
1,2-Dichlorobenzene	3	μg/L	ND<1.0	ND<1.0	ND<1.0
1,2-Dichloroethane	0.6	μg/L	ND<1.0	ND<1.0	ND<1.0
1,2-Dichloropropane	1	μg/L	ND<1.0	ND<1.0	ND<1.0
1,3,5-Trimethylbenzene / P- ethyltoluene	5	μg/L	ND<1.0	ND<1.0	ND<1.0
1,3-Dichlorobenzene	3	μg/L	ND<1.0	ND<1.0	ND<1.0
1,3 - Dichloropropane		μg/L	ND<1.0	ND<1.0	ND<1.0
1,4-Dichlorobenzene	3	μg/L	ND<1.0	ND<1.0	ND<1.0
2,2 - Dichloropropane		μg/L	ND<1.0	ND<1.0	ND<1.0
2-Butanone (MEK)		μg/L	ND<5.0	ND<1.0	ND<1.0
2- Chlorotoluene/ 4-Chlorotoluene		μg/L	ND<1.0	ND<1.0	ND<1.0
2-Hexanone	50	μg/L	ND<5.0	ND<1.0	ND<1.0
4-Isopropyltoluene		μg/L	ND<1.0	ND<1.0	ND<1.0
4-Methyl-2-pentanone		μg/L	ND<5.0	ND<1.0	ND<1.0
Acetone	50	μg/L	ND<5.0	ND<1.0	29.1
Benzene	1	μg/L	ND<1.0	ND<1.0	ND<1.0
Bromobenzene		μg/L	ND<1.0	ND<1.0	ND<1.0
Bromochloromethane		μg/L	ND<1.0	ND<1.0	ND<1.0
Bromodichloromethane	50	μg/L	ND<1.0	ND<1.0	ND<1.0
Bromoform	50	μg/L	ND<1.0	ND<1.0	ND<1.0
Bromomethane	5	μg/L	ND<1.0	ND<1.0	ND<1.0
Carbon Disulfide	60	μg/L	ND<1.0	ND<1.0	7.7
Carbon Tetrachloride	5	μg/L	ND<1.0	ND<1.0	ND<1.0
Chlorobenzene	5	μg/L	ND<1.0	ND<1.0	ND<1.0
Chlorodifluoromethane		μg/L	ND<1.0	ND<1.0	ND<1.0
Chloroethane	5	μg/L	ND<1.0	ND<1.0	ND<1.0
Chloroform	7	μg/L	ND<1.0	ND<1.0	ND<1.0
Chloromethane		μg/L	ND<1.0	ND<1.0	ND<1.0
Cis-1,2-Dichloroethene	5	μg/L	ND<1.0	ND<1.0	ND<1.0



TABLE 5: ANALYTICAL DATA SUMMARY - GROUNDWATER (VOCs) - CONTINUED

				LOCATION	
Compound	Standard or Guidance Value <sup>1</sup>	Units	MW-5	TW-3	TW-8
	value		7/22/2020	7/23/2020	7/23/2020
Cis-1,3-Dichloropropene	$0.4^{2}$	μg/L	ND<1.0	ND<1.0	ND<1.0
Dibromochloromethane	50	μg/L	ND<5.0	ND<1.0	ND<1.0
Dichlorodifluoromethane	5	μg/L	ND<1.0	ND<1.0	ND<1.0
Ethylbenzene	5	μg/L	ND<1.0	ND<1.0	ND<1.0
Hexachlorobutadiene		μg/L	ND<1.0	ND<1.0	ND<1.0
Isopropylbenzene	5	μg/L	11.1	2.6	ND<1.0
Methyl-Tert-Butyl-Ether	10	μg/L	ND<1.0	ND<1.0	ND<1.0
Methylene Chloride	5	μg/L	ND<1.0	ND<1.0	ND<1.0
Naphthalene	10 (GV)	μg/L	ND<1.0	9.7	1.8
n-Butylbenzene	5	μg/L	ND<1.0	ND<1.0	ND<1.0
n-Propylbenzene	5	μg/L	6.5	ND<1.0	ND<1.0
p - Diethylbenzene		μg/L	2.2	1.8	ND<1.0
sec-Butylbenzene	5	μg/L	4.8	1.3	ND<1.0
Styrene	5	μg/L	ND<1.0	ND<1.0	ND<1.0
tert-Butylbenzene	5	μg/L	2.1	ND<1.0	ND<1.0
Tetrachloroethene	5	μg/L	ND<1.0	ND<1.0	ND<1.0
Toluene	5	μg/L	ND<1.0	ND<1.0	ND<1.0
Trans-1,2-Dichloroethene	5	μg/L	ND<1.0	ND<1.0	ND<1.0
Trans-1,3-Dichloropropene	$0.4^{2}$	μg/L	ND<1.0	ND<1.0	ND<1.0
Trichloroethene	5	μg/L	ND<1.0	ND<1.0	ND<1.0
Trichlorofluoromethane	5	μg/L	ND<1.0	ND<1.0	ND<1.0
Vinyl Chloride	2	μg/L	ND<1.0	ND<1.0	6.3
Xylenes	5 <sup>3</sup>	μg/L	ND<3.0	ND<3.0	ND<1.0

### Notes:

μg/L - micrograms per liter (parts per billion)

ND - Not detected at the Practical Quantitation Limit (PQL).

GV - Guidance Value

--- No guidance value or standard in above references. Exceedances are shown in **red**.



<sup>&</sup>lt;sup>1</sup> NYSDEC Technical and Operational Guidance Series: Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998 (including April 2000 and June 2004 Addendums). Standards shown are for Class GA Groundwater. 6 NYCRR Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations.

<sup>&</sup>lt;sup>2</sup> Applies to sum of Cis-1,3-Dichloropropene & Trans-1,3-Dichloropropene, respectively.

<sup>&</sup>lt;sup>3</sup> Applies to m & p-Xylene, individually.

TABLE 6: ANALYTICAL DATA SUMMARY TABLE - GROUNDWATER (SVOCs)

Sampling Date:	As Indicated				
Analytical Method:	As Indicated				
Matrix:	Water				
	Standard or			LOCATION	
Compound	Guidance	Units	MW-5	TW-3	TW-8
	Value <sup>1</sup>		7/22/2020	7/23/2020	7/24/2020
(3+4)- Methylphenol		μg/L	ND<5.0	ND<5.0	ND<5.0
2,2 -oxybis (1 - chloropropane)		μg/L	ND<5.0	ND<5.0	ND<5.0
2,4,5-Trichlorophenol		μg/L	ND<5.0	ND<5.0	ND<5.0
2,4,6-Trichlorophenol		μg/L	ND<5.0	ND<5.0	ND<5.0
2,4-Dichlorophenol	5	μg/L	ND<10.0	ND<10.0	ND<10.0
2,4-Dimethylphenol	50	μg/L	ND<5.0	ND<5.0	ND<5.0
2,4-Dinitrophenol	10	μg/L	ND<10.0	ND<10.0	ND<10.0
2,4-Dinitrotoluene	5	μg/L	ND<5.0	ND<5.0	ND<5.0
2,6-Dinitrotoluene	5	μg/L	ND<5.0	ND<5.0	ND<5.0
2-Chloronaphthalene	10	μg/L	ND<5.0	ND<5.0	ND<5.0
2-Chlorophenol		μg/L	ND<5.0	ND<5.0	ND<5.0
2- Methylnaphthalene		μg/L	ND<5.0	ND<5.0	ND<5.0
2-Methylphenol		μg/L	ND<5.0	ND<5.0	ND<5.0
2- Nitroaniline	5	μg/L	ND<5.0	ND<5.0	ND<5.0
2-Nitrophenol		μg/L	ND<5.0	ND<5.0	ND<5.0
3,3-Dichlorobenzidine	5	μg/L	ND<5.0	ND<5.0	ND<5.0
3-Nitroaniline	5	μg/L	ND<5.0	ND<5.0	ND<5.0
4,6-Dinitro-2-methylphenol		μg/L	ND<10.0	ND<10.0	ND<10.0
4-Bromophenyl phenylether		μg/L	ND<5.0	ND<5.0	ND<5.0
4-Chloro-3-methylphenol		μg/L	ND<5.0	ND<5.0	ND<5.0
4-Chloroaniline	5	μg/L	ND<5.0	ND<5.0	ND<5.0
4-Chlorophenyl phenyl ether		μg/L	ND<5.0	ND<5.0	ND<5.0
4-Nitroaniline		μg/L	ND<5.0	ND<5.0	ND<5.0
4-Nitrophenol		μg/L	ND<10.0	ND<5.0	ND<5.0
Acenaphthene	20	μg/L	ND<5.0	ND<5.0	ND<5.0
Acenaphthylene		μg/L	ND<5.0	ND<5.0	ND<5.0
Acetophenone		μg/L	ND<5.0	ND<5.0	ND<5.0
Anthracene	50	μg/L	ND<5.0	ND<5.0	ND<5.0
Atrazine	7.5	μg/L	ND<5.0	ND<5.0	ND<5.0
Benzaldehyde		μg/L	ND<5.0	ND<5.0	ND<5.0
Benzo(a)anthracene	0.002	μg/L	ND<5.0	ND<5.0	ND<5.0
Benzo (a) pyrene	ND	μg/L	ND<5.0	ND<5.0	ND<5.0
Benzo (b) fluoranthene	0.002	μg/L	ND<5.0	ND<5.0	ND<5.0
Benzo (g,h,i) perylene		μg/L	ND<5.0	ND<5.0	ND<5.0
Benzo (k) fluoranthene	0.002	μg/L	ND<5.0	ND<5.0	ND<5.0
bis (2-chloroethoxy) methane	5	μg/L	ND<5.0	ND<5.0	ND<5.0
bis (2-chloroethyl) ether	1	μg/L	ND<5.0	ND<5.0	ND<5.0



TABLE 6: ANALYTICAL DATA SUMMARY TABLE - GROUNDWATER (SVOCs) - CONTINUED

	Cton doud on			LOCATION	
Compound	Standard or Guidance	Units	MW-5	TW-3	TW-8
	Value <sup>1</sup>		7/22/2020	7/23/2020	7/24/2020
bis (2-Ethylhexyl) phthalate	5	μg/L	ND<5.0	ND<5.0	ND<5.0
Butyl benzyl phthalate		μg/L	ND<5.0	ND<5.0	ND<5.0
Caprolactam		μg/L	ND<5.0	13.2	ND<5.0
Carbazole		μg/L	ND<5.0	ND<5.0	ND<5.0
Chrysene	0.002	μg/L	ND<5.0	ND<5.0	ND<5.0
Di-n-butyl phthalate	50	μg/L	ND<5.0	ND<5.0	5.9
Di-n-octyl phthalate	50	μg/L	ND<5.0	ND<5.0	ND<5.0
Dibenz (a,h) anthracene		μg/L	ND<5.0	ND<5.0	ND<5.0
Dibenzofuran		μg/L	ND<5.0	ND<5.0	ND<5.0
Diethyl phthalate	50	μg/L	ND<5.0	ND<5.0	5.7
Dimethyl phthalate	50	μg/L	ND<5.0	ND<5.0	ND<5.0
Fluoranthene	50	μg/L	ND<5.0	ND<5.0	ND<5.0
Fluorene	50	μg/L	ND<5.0	ND<5.0	ND<5.0
Hexachlorobenzene	0.04	μg/L	ND<5.0	ND<5.0	ND<5.0
Hexachlorobutadiene	0.5	μg/L	ND<5.0	ND<5.0	ND<5.0
Hexachlorocyclopentadiene	5	μg/L	ND<5.0	ND<5.0	ND<5.0
Hexachloroethane	5	μg/L	ND<5.0	ND<5.0	ND<5.0
Indeno (1,2,3-cd) pyrene	0.002	μg/L	ND<5.0	ND<5.0	ND<5.0
Isophorone	50	μg/L	ND<5.0	ND<5.0	ND<5.0
N-Nitrosodi-n-propylamine		μg/L	ND<5.0	ND<5.0	ND<5.0
N-Nitrosodiphenylamine	50	μg/L	ND<5.0	ND<5.0	ND<5.0
Napthalene	10 (GV)	μg/L	ND<5.0	10.2	ND<5.0
Nitrobenzene	0.4	μg/L	ND<5.0	ND<5.0	ND<5.0
Pentachlorophenol		μg/L	ND<10.0	ND<10.0	ND<10.0
Phenanthrene	50	μg/L	ND<5.0	6.9	ND<5.0
Phenol	1	μg/L	ND<5.0	ND<5.0	ND<5.0
Pyrene	50	μg/L	ND<5.0	ND<5.0	ND<5.0

### Notes:

μg/L - micrograms per liter (parts per billion)

ND - Not detected at the Practical Quantitation Limit (PQL).

GV - Guidance Value

--- No guidance value or standard in above references.

Exceedances of guidance values are shown in *red*.

Exceedances of groundwater standards are shown in red.



<sup>&</sup>lt;sup>1</sup> NYSDEC Technical and Operational Guidance Series: Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998 (including April 2000 and June 2004 Addendums). Standards shown are for Class GA Groundwater. 6 NYCRR Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations.

### TABLE 7: ANALYTICAL DATA SUMMARY TABLE- GROUNDWATER (METALS)

Sampling Date:	As Indicated				
Analytical Method:	As Indicated				
Matrix:	Water		П	T OO LEVON	
				LOCATION	1
Compound	Standard or Guidance Value <sup>1</sup>	Units	MW-5	TW-3	TW-8
	Guidance value		7/22/2020	7/23/2020	7/24/2020
Arsenic	25	μg/L	9.4	9.9	4.5
Barium	1,000	μg/L	398	190	167
Beryllium	3 (GV)	μg/L	ND<0.30	ND<0.30	ND<0.30
Cadmium	5	μg/L	1.1	ND<1.0	ND<1.0
Chromium, Hexavalent	50	μg/L	ND<0.020	ND<0.020	ND<0.020
Chromium	50	μg/L	ND<7.0	86.2	17.7
Copper	200	μg/L	11.4	58	28.9
Cyanide	200	μg/L	ND<10.0	35.2	ND<10.0
Lead	25	μg/L	27.8	90.9	13.4
Manganese	300	μg/L	407	423	417
Mercury	0.7	μg/L	ND<0.20	0.22	ND<0.20
Nickel	100	μg/L	11.9	26.6	20.8
Selenium	10	μg/L	8.6	ND<2.0	3.3
Silver	50	μg/L	ND<1.0	ND<1.0	ND<1.0
Zinc	2,000 (GV)	μg/L	354	153	109.0

### Notes:

μg/L - micrograms per liter (parts per billion)

ND - Not detected at the Practical Quantitation Limit (PQL).

Exceedances of guidance values are shown in *red*.

Exceedances of groundwater standards are shown in red.



<sup>&</sup>lt;sup>1</sup> NYSDEC Technical and Operational Guidance Series: Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998 (including April 2000 and June 2004 Addendums). Standards shown are for Class GA Groundwater. 6 NYCRR Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations.

# Holder Properties, INc. / HP Syracuse, LLC 901, 931 and 967 North Clinton Street City of Syracuse, Onondaga County, NY

### TABLE 8: ANALYTICAL DATA SUMMARY - GROUNDWATER (PCB's)

Sampling Date: Analytical Method: Matrix:	As Indicated As Indicated Water				
				LOCATION	
Compound	Standard or Guidance Value <sup>1</sup>	Units	MW-5	TW-3	TW-8
			7/22/2020	7/23/2020	
Arcolor 1016	$0.09^{2}$	μg/L	ND<1.0	ND<1.0	NS
Arcolor 1221	$0.09^{2}$	μg/L	ND<1.0	ND<1.0	NS
Arcolor 1232	$0.09^{2}$	μg/L	ND<1.0	ND<1.0	NS
Arcolor 1242	$0.09^{2}$	μg/L	ND<1.0	ND<1.0	NS
Arcolor 1248	$0.09^{2}$	μg/L	ND<1.0	ND<1.0	NS
Arcolor 1254	$0.09^{2}$	μg/L	ND<1.0	ND<1.0	NS
Arcolor 1260	$0.09^2$	μg/L	ND<1.0	ND<1.0	NS

### Notes:

μg/L - micrograms per liter (parts per billion)

ND - Not detected at the Practical Quantitation Limit (PQL).

NS - Not Sampled

Exceedances are shown in red.



<sup>&</sup>lt;sup>1</sup> NYSDEC Technical and Operational Guidance Series: Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998 (including April 2000 and June 2004 Addendums). Standards shown are for Class GA Groundwater. 6 NYCRR Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations.

<sup>&</sup>lt;sup>2</sup> Applies to sum of Arcolors

### TABLE 1: ANALYTICAL DATA SUMMARY - SOILS (VOC'S)

Sampling Dates: As Noted Analytical Method: Matrix: As Indicated

	COTT	SOIL CLEANUP OBJECTIVE (SCO) <sup>1</sup>					SA	MPLE IDENTIFICATI	CATION		
COMPOUND	SOIL	CLEANUP OBJECTIVE	E (SCO)	UNITS	SB-1 (17')	SB-2 (7')	SB-3 (4')	SB-4 (7')	SB-7 (13')	SB-8 (6')	GT-3 (5'-7')
	UNR <sup>2</sup>	R/GW <sup>3</sup>	COMM <sup>4</sup>	1	7/17/2020	7/17/2020	7/17/2020	7/17/2020	7/17/2020	7/17/2020	7/21/2020
1,1,1-Trichloroethane	680	680	500,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540
1,1-Dichloroethane	270	270	240,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540
1,1-Dichloroethene	330	330	240,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540
1,2,4-Trimethylbenzene	3,600	3,600	190,000	μg/kg	ND < 5.9	2,720	2,010	23.0	15.7	ND < 4.3	278,000
1,2-Dichlorobenzene	1,100	1,100	500,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540
1,2-Dichloroethane	20	20	30,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540
1,3,5-Trimethylbenzene	8,400	8,400	190,000	μg/kg	ND < 5.9	816	936	8.8	5.4	ND < 4.3	81,600
1,3-Dichlorobenzene	2,400	2,400	280,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540
1,4-Dichlorobenzene	1,800	1,800	130,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540
1,4-Dioxane (p-Dioxane)	100	100	130,000	μg/kg	ND < 148	ND < 9940	ND < 20700	ND < 46.8	ND < 86.3	ND < 107	ND < 38500
2-Butanone (MEK)	120	120	500,000	μg/kg	27.4	ND < 397	ND < 827	ND < 1.9	ND < 3.5	35.9	ND < 1540
Acetone	50	50	500,000	μg/kg	107	457	ND < 827	63.0	188	173	ND < 1540
Benzene	60	60	44,000	μg/kg	ND < 5.9	ND < 397	849	ND < 1.9	ND < 3.5	ND < 4.3	18,500
Carbon Tetrachloride	760	760	2,200	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540
Chlorobenzene	1,100	1,100	500,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540
Chloroform	370	370	350,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	8.1	ND < 4.3	ND < 1540
Cis-1,2-Dichloroethene	250	250	500,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540
Ethylbenzene	1,000	1,000	390,000	μg/kg	ND < 5.9	ND < 397	ND < 827	2.5	ND < 3.5	ND < 4.3	286,000
p-Isopropyltoluene				μg/kg	ND < 5.9			ND < 1.9	12.3	ND < 4.3	
Methyl-Tert-Butyl Ether	930	930	500,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540
Methylene Chloride	50	50	500,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540
n-Butylbenzene	12,000	12,000	500,000	μg/kg	ND < 5.9	662	3,320	2.1	40.2	ND < 4.3	14,200
n-Propylbenzene	3,900	3,900	500,000	μg/kg	ND < 5.9	604	5,090	4.0	144	ND < 4.3	55,100
sec-Butylbenzene	11,000	11,000	500,000	μg/kg	ND < 5.9	442	7,990	2.2	81.1	ND < 4.3	5,930
tert-Butylbenzene	5,900	5,900	500,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	16.9	5.9	ND < 1540
Tetrachloroethene	1,300	1,300	150,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540
Toluene	700	700	500,000	μg/kg	ND < 5.9	ND < 397	2,020	2.6	5.7	ND < 4.3	6,500
Trans-1,2-Dichloroethene	190	190	500,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540
Trichloroethene	470	470	200,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540
Vinyl Chloride	20	20	13,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540
Xylene (Total)	260	1,600	500,000	ug/kg	ND < 11.8	ND < 795	4,870	14.3	11.5	ND < 8.6	852,000

Restricted Use SCO's pertain to protection of public health.

μg/kg - micrograms per kilogram (parts per billion).

Exceeds UNR

Exceeds UNR and R/GW



Notes:

1 Ref: 6 NYCRR Chapter IV Subpart 375.6: Remedial Program Soil Cleanup Objectives, Effective December 14, 2006, and DEC CP-51 / Soil Cleanup Guidance, Issued October 21, 2010.

<sup>&</sup>lt;sup>2</sup> UNR- Unrestricted Use SCO.

<sup>&</sup>lt;sup>3</sup> R/GW - Lower of Protection of Public Health (Residential Occupany) and Protection of Groundwater SCOs.

<sup>&</sup>lt;sup>4</sup> COMM- Commercial SCO.

### TABLE 2: ANALYTICAL DATA SUMMARY - SOILS (SVOCs)

Sampling Dates: Analytical Method: Matrix: As Noted As Indicated Soil

Matrix.			1				SAMPLE IDE	NTIFICATION		
COMPOUND	SOIL CI	EANUP OBJECTIV	E (SCO)	UNITS	SB-1/4 (1')	SB-3 (2'-6')	SB-4/7 (6')	SB-8 (4'-8')	SB-2 (6'-10')	GT-3 (5'-7')
	UNR <sup>2</sup>	R/GW <sup>3</sup>	COMM <sup>4</sup>		7/17/2020	7/17/2020	7/17/2020	7/17/2020	7/17/2020	7/21/2020
2-Methylphenol (o-Cresol)	330	330	500,000	μg/kg	ND < 77.4	ND < 1,020	ND < 1,640	ND < 1,090	ND < 178	ND < 423
3-Methylphenol (m-Cresol)	330	330	500,000	μg/kg	ND < 77.4	ND < 1,020	1,690 <sup>5</sup>	ND < 1,090	ND < 178	ND < 423
4-Methylphenol (p-Cresol)	330	330	500,000	μg/kg	ND < 77.4	ND < 1020	1,690 <sup>5</sup>	ND < 1,090	ND < 178	ND < 423
Acenaphthene	20,000	98,000	500,000	μg/kg	ND < 77.4	1,080	ND < 1,640	ND < 1,090	313	476
Acenaphthylene	100,000	100,000	500,000	μg/kg	324	ND < 1,020	ND < 1,640	ND < 1,090	210	ND < 423
Anthracene	100,000	100,000	500,000	μg/kg	326	ND < 1,020	ND < 1,640	ND < 1,090	203	800
Benzo(a)anthracene	1,000	1,000	5,600	μg/kg	1,010	ND < 1,020	ND < 1,640	ND < 1,090	ND < 178	1,890
Benzo (a) pyrene	1,000	1,000	1,000	μg/kg	1,010	ND < 1,020	ND < 1,640	ND < 1,090	ND < 178	2,050
Benzo (b) fluoranthene	1,000	1,000	5,600	μg/kg	1,240	ND < 1,020	ND < 1,640	ND < 1,090	ND < 178	2,400
Benzo (g,h,i) perylene	100,000	100,000	500,000	μg/kg	604	ND < 1,020	ND < 1,640	ND < 1,090	ND < 178	1,070
Benzo (k) fluoranthene	800	1,000	56,000	μg/kg	501	ND < 1,020	ND < 1,640	ND < 1,090	ND < 178	ND < 423
Chrysene	1,000	1,000	56,000	μg/kg	1,060	ND < 1,020	ND < 1,640	ND < 1,090	ND < 178	1,790
Dibenz (a,h) anthracene	330	330	560	μg/kg	178	ND < 1,020	ND < 1,640	ND < 1,090	ND < 178	ND < 423
Fluoranthene	100,000	100,000	500,000	μg/kg	1,660	ND < 1,020	ND < 1,640	ND < 1,090	ND < 178	3,720
Fluorene	30,000	100,000	500,000	μg/kg	105	1,610	ND < 1,640	ND < 1,090	359	556
Indeno (1,2,3-cd) pyrene	500	500	5,600	μg/kg	635	ND < 1,020	ND < 1,640	ND < 1,090	ND < 178	1,220
Napthalene	12,000	12,000		μg/kg	193	ND < 1,020	ND < 1,640	ND < 1,090	ND < 178	4,700
Pentachlorophenol	800	800	6,700	μg/kg	ND < 77.4	ND < 10,200	ND < 16,400	ND < 10,900	ND < 1780	ND < 4230
Phenanthrene	100,000	100,000	500,000	μg/kg	901	1,920	ND < 1,640	ND < 1,090	289	2,980
Phenol	330	330	500,000	μg/kg	ND < 77.4	ND < 1,020	ND < 1,640	ND < 1,090	ND < 178	ND < 423
Pyrene	100,000	100,000	500,000	μg/kg	1,670	1,190	ND < 1,640	ND < 1,090	ND < 178	3,890

Restricted Use SCO's pertain to protection of public health.

μg/kg - micrograms per kilogram (parts per billion).

ND -Not detected at the Practical Quantitation Limit (PQL).

Exceeds UNR

Exceeds UNR and R/GW



Notes:

Ref: 6 NYCRR Chapter IV Subpart 375.6: Remedial Program Soil Cleanup Objectives, Effective December 14, 2006, and DEC CP-51 / Soil Cleanup Guidance, Issued October 21, 2010.

<sup>&</sup>lt;sup>2</sup> UNR- Unrestricted Use SCO.

<sup>&</sup>lt;sup>3</sup> R/GW - Lower of Protection of Public Health (Residential Occupany) and Protection of Groundwater SCOs.

<sup>&</sup>lt;sup>4</sup> COMM- Commercial SCO.

<sup>&</sup>lt;sup>5</sup> Includes m&p isomers.

### TABLE 3: ANALYTICAL DATA SUMMARY - SOILS (Metals)

Sampling Dates: As Noted Analytical Method: Matrix: As Indicated

Soil

	COIL C	LEANUD ODIECEU	TE (000)				SAMPLE IDE	NTIFICATION		
COMPOUND	SOIL C.	LEANUP OBJECTIV	/E (SCO)	UNITS	SB-1/4 (1')	SB-3 (2'-6')	SB-4/7 (6')	SB-8 (4'-8')	SB-2 (6'-10')	GT-3 (5'-7')
	UNR <sup>2</sup>	R/GW <sup>3</sup>	COMM <sup>4</sup>		7/17/2020	7/17/2020	7/17/2020	7/17/2020	7/17/2020	7/21/2020
Arsenic	16 <sup>5</sup>	16 <sup>5</sup>	16 <sup>5</sup>	mg/kg	18.6	2.9	6.6	9.1	ND < 1.3	7.8
Barium	350	350	400	mg/kg	239	29.8	79.0	70.7	31.5	66.7
Beryllium	7.2	14	590	mg/kg	ND < 0.32	ND < 0.37	ND < 0.29	ND < 0.40	ND < 0.66	ND < 0.32
Cadmium	2.5	2.5	9.3	mg/kg	1.0	ND < 0.19	0.67	0.32	ND < 0.33	0.33
Chromium, Hexavalent	1	19	400	mg/kg	ND < 1.2	ND < 7.7	ND < 1.1	ND < 8.2	ND < 13.4	ND < 6.5
Chromium, Trivalent	30	36	1,500	mg/kg	28.0	5.6	14.4	17.2	6.2	13.3
Copper	50	270	270	mg/kg	173	11.0	77.9	92	4.8	36.1
Cyanide	27	27	27	mg/kg	1.2	ND < 0.71	ND < 0.57	ND < 0.76	ND < 1.2	ND < 0.62
Lead	63	400	1,000	mg/kg	250	14.3	54.9	69.8	3.1	60.7
Manganese	2,000	2,000	10,000	mg/kg	300	67.4	268	325	71.9	241
Mercury	0.3 5	0.73	2.8	mg/kg	0.44	ND < 0.05	1.2	ND < 0.06	ND < 0.086	0.12
Nickel	30	130	310	mg/kg	21.6	9.4	17.4	21.5	8.6	17.9
Selenium	4	4	1,500	mg/kg	1.5	ND < 0.75	ND < 0.57	2.0	1.5	ND < 0.64
Silver	2	8.3	1,500	mg/kg	ND < 0.65	ND < 0.75	ND < 0.57	ND < 0.80	ND < 1.3	ND < 0.64
Zinc	109	2,200	10,000	mg/kg	325	15.8	235	92.8	10.3	113

mg/kg - milligrams per kilogram (parts per million).

ND - Not detected above the Practical Quantitation Limit (PQL).

Exceeds UNR

Exceeds UNR and R/GW



Ref: 6 NYCRR Chapter IV Subpart 375.6: Remedial Program Soil Cleanup Objectives, Effective December 14, 2006, and DEC CP-51 / Soil Cleanup Guidance, Issued October 21, 2010

<sup>&</sup>lt;sup>2</sup> UNR - Unrestricted Use SCO.

<sup>&</sup>lt;sup>3</sup> R/GW - Lower of Protection of Public Health (Residential Occupany) and Protection of Groundwater SCOs.

<sup>&</sup>lt;sup>4</sup> COMM - Commercial SCO.

<sup>&</sup>lt;sup>5</sup> SCO is Rural Soil Backgound Concentration

### TABLE 4: ANALYTICAL DATA SUMMARY - SOILS (PCBs)

Sampling Dates: As Noted
Analytical Method: As Indicated
Matrix: Soil

	COMPOUND SOIL CLEANUP OBJECTIVE (SCO) <sup>1</sup>			SAMPLE IDENTIFICATION						
COMPOUND			UNITS	SB-1/4 (1')	SB-3 (2'-6')	SB-4/7 (6')	SB-8 (4'-8')	SB-2 (6'-10')	GT-3 (5'-7')	
	UNR <sup>2</sup>	R/GW <sup>3</sup>	COMM <sup>4</sup>	]	7/17/2020	7/17/2020	7/17/2020	7/17/2020	7/17/2020	7/21/2020
Aroclor 1016	0.1	1	1	mg/kg	ND < 0.0381	ND < 0.0502	ND < 0.0377	ND < 0.0529	ND < 0.0879	ND < 0.0416
Aroclor 1221	0.1	1	1	mg/kg	ND < 0.0381	ND < 0.0502	ND < 0.0377	ND < 0.0529	ND < 0.0879	ND < 0.0416
Aroclor 1232	0.1	1	1	mg/kg	ND < 0.0381	ND < 0.0502	ND < 0.0377	ND < 0.0529	ND < 0.0879	ND < 0.0416
Aroclor 1242	0.1	1	1	mg/kg	ND < 0.0381	ND < 0.0502	ND < 0.0377	ND < 0.0529	ND < 0.0879	0.0978
Aroclor 1248	0.1	1	1	mg/kg	ND < 0.0381	ND < 0.0502	ND < 0.0377	ND < 0.0529	ND < 0.0879	ND < 0.0416
Aroclor 1254	0.1	1	1	mg/kg	0.0428	ND < 0.0502	ND < 0.0377	ND < 0.0529	ND < 0.0879	ND < 0.0416
Aroclor 1260	0.1	1	1	mg/kg	0.0407	ND < 0.0502	ND < 0.0377	0.174	ND < 0.0879	ND < 0.0416

### Notes

mg/kg - milligrams per kilogram (parts per million).

ND -Not detected at the Practical Quantitation Limit (PQL).

Exceeds UNR

Exceeds UNR and R/GW



Ref: 6 NYCRR Chapter IV Subpart 375.6: Remedial Program Soil Cleanup Objectives, Effective December 14, 2006, and DEC CP-51 / Soil Cleanup Guidance, Issued October 21, 2010.

<sup>&</sup>lt;sup>2</sup>UNR- Unrestricted Use SCO.

<sup>&</sup>lt;sup>3</sup> R/GW - Lower of Protection of Public Health (Residential Occupany) and Protection of Groundwater SCOs.

<sup>&</sup>lt;sup>4</sup> COMM- Commercial SCO.

### TABLE 5: ANALYTICAL DATA SUMMARY - GROUNDWATER (VOCs)

Sampling Date:	As Indicated				
Analytical Method:	As Indicated				
Matrix:	Water			T O O I MYON	
	Standard or			LOCATION	
Compound	Guidance	Units	MW-5	TW-3	TW-8
	Value <sup>1</sup>		7/22/2020	7/23/2020	7/23/2020
1,1,1,2 - Tetrachloroethane		μg/L	ND<1.0	ND<1.0	ND<1.0
1,1,1-Trichloroethane	5	μg/L	ND<1.0	ND<1.0	ND<1.0
1,1,2,2-Tetrachloroethane	5	μg/L	ND<1.0	ND<1.0	ND<1.0
1,1,2-Trichloroethane	1	μg/L	ND<1.0	ND<1.0	ND<1.0
1,1-Dichloroethane	5	μg/L	ND<1.0	ND<1.0	ND<1.0
1,1-Dichloroethene	5	μg/L	ND<1.0	ND<1.0	ND<1.0
1,1 - Dichloropropene		μg/L	ND<1.0	ND<1.0	ND<1.0
1,2,3 - Trichlorobenzene		μg/L	ND<1.0	ND<1.0	ND<1.0
1,2,3 - Trichloropropane		μg/L	ND<1.0	ND<1.0	ND<1.0
1,2,4,5 - Tetramethylbenzene		μg/L	4.0	3.0	ND<1.0
1,2,4-Trichlorobenzene	5	μg/L	ND<1.0	ND<1.0	ND<1.0
1,2,4-Trimethylbenzene	5	μg/L	ND<1.0	ND<1.0	ND<1.0
1,2-Dibromoethane		μg/L	ND<1.0	ND<1.0	ND<1.0
1,2-Dichlorobenzene	3	μg/L	ND<1.0	ND<1.0	ND<1.0
1,2-Dichloroethane	0.6	μg/L	ND<1.0	ND<1.0	ND<1.0
1,2-Dichloropropane	1	μg/L	ND<1.0	ND<1.0	ND<1.0
1,3,5-Trimethylbenzene / P- ethyltoluene	5	μg/L	ND<1.0	ND<1.0	ND<1.0
1,3-Dichlorobenzene	3	μg/L	ND<1.0	ND<1.0	ND<1.0
1,3 - Dichloropropane		μg/L	ND<1.0	ND<1.0	ND<1.0
1,4-Dichlorobenzene	3	μg/L	ND<1.0	ND<1.0	ND<1.0
2,2 - Dichloropropane		μg/L	ND<1.0	ND<1.0	ND<1.0
2-Butanone (MEK)		μg/L	ND<5.0	ND<1.0	ND<1.0
2- Chlorotoluene/ 4-Chlorotoluene		μg/L	ND<1.0	ND<1.0	ND<1.0
2-Hexanone	50	μg/L	ND<5.0	ND<1.0	ND<1.0
4-Isopropyltoluene		μg/L	ND<1.0	ND<1.0	ND<1.0
4-Methyl-2-pentanone		μg/L	ND<5.0	ND<1.0	ND<1.0
Acetone	50	μg/L	ND<5.0	ND<1.0	29.1
Benzene	1	μg/L	ND<1.0	ND<1.0	ND<1.0
Bromobenzene		μg/L	ND<1.0	ND<1.0	ND<1.0
Bromochloromethane		μg/L	ND<1.0	ND<1.0	ND<1.0
Bromodichloromethane	50	μg/L	ND<1.0	ND<1.0	ND<1.0
Bromoform	50	μg/L	ND<1.0	ND<1.0	ND<1.0
Bromomethane	5	μg/L	ND<1.0	ND<1.0	ND<1.0
Carbon Disulfide	60	μg/L	ND<1.0	ND<1.0	7.7
Carbon Tetrachloride	5	μg/L	ND<1.0	ND<1.0	ND<1.0
Chlorobenzene	5	μg/L	ND<1.0	ND<1.0	ND<1.0
Chlorodifluoromethane		μg/L	ND<1.0	ND<1.0	ND<1.0
Chloroethane	5	μg/L	ND<1.0	ND<1.0	ND<1.0
Chloroform	7	μg/L	ND<1.0	ND<1.0	ND<1.0
Chloromethane		μg/L	ND<1.0	ND<1.0	ND<1.0
Cis-1,2-Dichloroethene	5	μg/L	ND<1.0	ND<1.0	ND<1.0



TABLE 5: ANALYTICAL DATA SUMMARY - GROUNDWATER (VOCs) - CONTINUED

				LOCATION	
Compound	Standard or Guidance Value <sup>1</sup>	Units	MW-5	TW-3	TW-8
	value		7/22/2020	7/23/2020	7/23/2020
Cis-1,3-Dichloropropene	$0.4^{2}$	μg/L	ND<1.0	ND<1.0	ND<1.0
Dibromochloromethane	50	μg/L	ND<5.0	ND<1.0	ND<1.0
Dichlorodifluoromethane	5	μg/L	ND<1.0	ND<1.0	ND<1.0
Ethylbenzene	5	μg/L	ND<1.0	ND<1.0	ND<1.0
Hexachlorobutadiene		μg/L	ND<1.0	ND<1.0	ND<1.0
Isopropylbenzene	5	μg/L	11.1	2.6	ND<1.0
Methyl-Tert-Butyl-Ether	10	μg/L	ND<1.0	ND<1.0	ND<1.0
Methylene Chloride	5	μg/L	ND<1.0	ND<1.0	ND<1.0
Naphthalene	10 (GV)	μg/L	ND<1.0	9.7	1.8
n-Butylbenzene	5	μg/L	ND<1.0	ND<1.0	ND<1.0
n-Propylbenzene	5	μg/L	6.5	ND<1.0	ND<1.0
p - Diethylbenzene		μg/L	2.2	1.8	ND<1.0
sec-Butylbenzene	5	μg/L	4.8	1.3	ND<1.0
Styrene	5	μg/L	ND<1.0	ND<1.0	ND<1.0
tert-Butylbenzene	5	μg/L	2.1	ND<1.0	ND<1.0
Tetrachloroethene	5	μg/L	ND<1.0	ND<1.0	ND<1.0
Toluene	5	μg/L	ND<1.0	ND<1.0	ND<1.0
Trans-1,2-Dichloroethene	5	μg/L	ND<1.0	ND<1.0	ND<1.0
Trans-1,3-Dichloropropene	$0.4^{2}$	μg/L	ND<1.0	ND<1.0	ND<1.0
Trichloroethene	5	μg/L	ND<1.0	ND<1.0	ND<1.0
Trichlorofluoromethane	5	μg/L	ND<1.0	ND<1.0	ND<1.0
Vinyl Chloride	2	μg/L	ND<1.0	ND<1.0	6.3
Xylenes	5 <sup>3</sup>	μg/L	ND<3.0	ND<3.0	ND<1.0

### Notes:

μg/L - micrograms per liter (parts per billion)

ND - Not detected at the Practical Quantitation Limit (PQL).

GV - Guidance Value

--- No guidance value or standard in above references. Exceedances are shown in **red**.



<sup>&</sup>lt;sup>1</sup> NYSDEC Technical and Operational Guidance Series: Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998 (including April 2000 and June 2004 Addendums). Standards shown are for Class GA Groundwater. 6 NYCRR Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations.

<sup>&</sup>lt;sup>2</sup> Applies to sum of Cis-1,3-Dichloropropene & Trans-1,3-Dichloropropene, respectively.

<sup>&</sup>lt;sup>3</sup> Applies to m & p-Xylene, individually.

TABLE 6: ANALYTICAL DATA SUMMARY TABLE - GROUNDWATER (SVOCs)

Sampling Date:	As Indicated				
Analytical Method:	As Indicated				
Matrix:	Water				
	Standard or			LOCATION	
Compound	Guidance	Units	MW-5	TW-3	TW-8
	Value <sup>1</sup>		7/22/2020	7/23/2020	7/24/2020
(3+4)- Methylphenol		μg/L	ND<5.0	ND<5.0	ND<5.0
2,2 -oxybis (1 - chloropropane)		μg/L	ND<5.0	ND<5.0	ND<5.0
2,4,5-Trichlorophenol		μg/L	ND<5.0	ND<5.0	ND<5.0
2,4,6-Trichlorophenol		μg/L	ND<5.0	ND<5.0	ND<5.0
2,4-Dichlorophenol	5	μg/L	ND<10.0	ND<10.0	ND<10.0
2,4-Dimethylphenol	50	μg/L	ND<5.0	ND<5.0	ND<5.0
2,4-Dinitrophenol	10	μg/L	ND<10.0	ND<10.0	ND<10.0
2,4-Dinitrotoluene	5	μg/L	ND<5.0	ND<5.0	ND<5.0
2,6-Dinitrotoluene	5	μg/L	ND<5.0	ND<5.0	ND<5.0
2-Chloronaphthalene	10	μg/L	ND<5.0	ND<5.0	ND<5.0
2-Chlorophenol		μg/L	ND<5.0	ND<5.0	ND<5.0
2- Methylnaphthalene		μg/L	ND<5.0	ND<5.0	ND<5.0
2-Methylphenol		μg/L	ND<5.0	ND<5.0	ND<5.0
2- Nitroaniline	5	μg/L	ND<5.0	ND<5.0	ND<5.0
2-Nitrophenol		μg/L	ND<5.0	ND<5.0	ND<5.0
3,3-Dichlorobenzidine	5	μg/L	ND<5.0	ND<5.0	ND<5.0
3-Nitroaniline	5	μg/L	ND<5.0	ND<5.0	ND<5.0
4,6-Dinitro-2-methylphenol		μg/L	ND<10.0	ND<10.0	ND<10.0
4-Bromophenyl phenylether		μg/L	ND<5.0	ND<5.0	ND<5.0
4-Chloro-3-methylphenol		μg/L	ND<5.0	ND<5.0	ND<5.0
4-Chloroaniline	5	μg/L	ND<5.0	ND<5.0	ND<5.0
4-Chlorophenyl phenyl ether		μg/L	ND<5.0	ND<5.0	ND<5.0
4-Nitroaniline		μg/L	ND<5.0	ND<5.0	ND<5.0
4-Nitrophenol		μg/L	ND<10.0	ND<5.0	ND<5.0
Acenaphthene	20	μg/L	ND<5.0	ND<5.0	ND<5.0
Acenaphthylene		μg/L	ND<5.0	ND<5.0	ND<5.0
Acetophenone		μg/L	ND<5.0	ND<5.0	ND<5.0
Anthracene	50	μg/L	ND<5.0	ND<5.0	ND<5.0
Atrazine	7.5	μg/L	ND<5.0	ND<5.0	ND<5.0
Benzaldehyde		μg/L	ND<5.0	ND<5.0	ND<5.0
Benzo(a)anthracene	0.002	μg/L	ND<5.0	ND<5.0	ND<5.0
Benzo (a) pyrene	ND	μg/L	ND<5.0	ND<5.0	ND<5.0
Benzo (b) fluoranthene	0.002	μg/L	ND<5.0	ND<5.0	ND<5.0
Benzo (g,h,i) perylene		μg/L	ND<5.0	ND<5.0	ND<5.0
Benzo (k) fluoranthene	0.002	μg/L	ND<5.0	ND<5.0	ND<5.0
bis (2-chloroethoxy) methane	5	μg/L	ND<5.0	ND<5.0	ND<5.0
bis (2-chloroethyl) ether	1	μg/L	ND<5.0	ND<5.0	ND<5.0



TABLE 6: ANALYTICAL DATA SUMMARY TABLE - GROUNDWATER (SVOCs) - CONTINUED

	Cton doud on			LOCATION	
Compound	Standard or Guidance	Units	MW-5	TW-3	TW-8
	Value <sup>1</sup>		7/22/2020	7/23/2020	7/24/2020
bis (2-Ethylhexyl) phthalate	5	μg/L	ND<5.0	ND<5.0	ND<5.0
Butyl benzyl phthalate		μg/L	ND<5.0	ND<5.0	ND<5.0
Caprolactam		μg/L	ND<5.0	13.2	ND<5.0
Carbazole		μg/L	ND<5.0	ND<5.0	ND<5.0
Chrysene	0.002	μg/L	ND<5.0	ND<5.0	ND<5.0
Di-n-butyl phthalate	50	μg/L	ND<5.0	ND<5.0	5.9
Di-n-octyl phthalate	50	μg/L	ND<5.0	ND<5.0	ND<5.0
Dibenz (a,h) anthracene		μg/L	ND<5.0	ND<5.0	ND<5.0
Dibenzofuran		μg/L	ND<5.0	ND<5.0	ND<5.0
Diethyl phthalate	50	μg/L	ND<5.0	ND<5.0	5.7
Dimethyl phthalate	50	μg/L	ND<5.0	ND<5.0	ND<5.0
Fluoranthene	50	μg/L	ND<5.0	ND<5.0	ND<5.0
Fluorene	50	μg/L	ND<5.0	ND<5.0	ND<5.0
Hexachlorobenzene	0.04	μg/L	ND<5.0	ND<5.0	ND<5.0
Hexachlorobutadiene	0.5	μg/L	ND<5.0	ND<5.0	ND<5.0
Hexachlorocyclopentadiene	5	μg/L	ND<5.0	ND<5.0	ND<5.0
Hexachloroethane	5	μg/L	ND<5.0	ND<5.0	ND<5.0
Indeno (1,2,3-cd) pyrene	0.002	μg/L	ND<5.0	ND<5.0	ND<5.0
Isophorone	50	μg/L	ND<5.0	ND<5.0	ND<5.0
N-Nitrosodi-n-propylamine		μg/L	ND<5.0	ND<5.0	ND<5.0
N-Nitrosodiphenylamine	50	μg/L	ND<5.0	ND<5.0	ND<5.0
Napthalene	10 (GV)	μg/L	ND<5.0	10.2	ND<5.0
Nitrobenzene	0.4	μg/L	ND<5.0	ND<5.0	ND<5.0
Pentachlorophenol		μg/L	ND<10.0	ND<10.0	ND<10.0
Phenanthrene	50	μg/L	ND<5.0	6.9	ND<5.0
Phenol	1	μg/L	ND<5.0	ND<5.0	ND<5.0
Pyrene	50	μg/L	ND<5.0	ND<5.0	ND<5.0

### Notes:

μg/L - micrograms per liter (parts per billion)

ND - Not detected at the Practical Quantitation Limit (PQL).

GV - Guidance Value

--- No guidance value or standard in above references.

Exceedances of guidance values are shown in *red*.

Exceedances of groundwater standards are shown in red.



<sup>&</sup>lt;sup>1</sup> NYSDEC Technical and Operational Guidance Series: Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998 (including April 2000 and June 2004 Addendums). Standards shown are for Class GA Groundwater. 6 NYCRR Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations.

### TABLE 7: ANALYTICAL DATA SUMMARY TABLE- GROUNDWATER (METALS)

Sampling Date:	As Indicated				
Analytical Method:	As Indicated				
Matrix:	Water		П	T O C L TYLON	
				LOCATION	1
Compound	Standard or Guidance Value <sup>1</sup>	Units	MW-5	TW-3	TW-8
Guic	Colouniee varae		7/22/2020	7/23/2020	7/24/2020
Arsenic	25	μg/L	9.4	9.9	4.5
Barium	1,000	μg/L	398	190	167
Beryllium	3 (GV)	μg/L	ND<0.30	ND<0.30	ND<0.30
Cadmium	5	μg/L	1.1	ND<1.0	ND<1.0
Chromium, Hexavalent	50	μg/L	ND<0.020	ND<0.020	ND<0.020
Chromium	50	μg/L	ND<7.0	86.2	17.7
Copper	200	μg/L	11.4	58	28.9
Cyanide	200	μg/L	ND<10.0	35.2	ND<10.0
Lead	25	μg/L	27.8	90.9	13.4
Manganese	300	μg/L	407	423	417
Mercury	0.7	μg/L	ND<0.20	0.22	ND<0.20
Nickel	100	μg/L	11.9	26.6	20.8
Selenium	10	μg/L	8.6	ND<2.0	3.3
Silver	50	μg/L	ND<1.0	ND<1.0	ND<1.0
Zinc	2,000 (GV)	μg/L	354	153	109.0

### Notes:

μg/L - micrograms per liter (parts per billion)

ND - Not detected at the Practical Quantitation Limit (PQL).

Exceedances of guidance values are shown in *red*.

Exceedances of groundwater standards are shown in red.



<sup>&</sup>lt;sup>1</sup> NYSDEC Technical and Operational Guidance Series: Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998 (including April 2000 and June 2004 Addendums). Standards shown are for Class GA Groundwater. 6 NYCRR Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations.

# Holder Properties, INc. / HP Syracuse, LLC 901, 931 and 967 North Clinton Street City of Syracuse, Onondaga County, NY

### TABLE 8: ANALYTICAL DATA SUMMARY - GROUNDWATER (PCB's)

Sampling Date: Analytical Method: Matrix:	As Indicated As Indicated Water				
				LOCATION	
Compound	Standard or Guidance Value <sup>1</sup>	Units	MW-5	TW-3	TW-8
			7/22/2020	7/23/2020	
Arcolor 1016	$0.09^{2}$	μg/L	ND<1.0	ND<1.0	NS
Arcolor 1221	$0.09^{2}$	μg/L	ND<1.0	ND<1.0	NS
Arcolor 1232	$0.09^{2}$	μg/L	ND<1.0	ND<1.0	NS
Arcolor 1242	$0.09^{2}$	μg/L	ND<1.0	ND<1.0	NS
Arcolor 1248	$0.09^{2}$	μg/L	ND<1.0	ND<1.0	NS
Arcolor 1254	$0.09^{2}$	μg/L	ND<1.0	ND<1.0	NS
Arcolor 1260	$0.09^{2}$	μg/L	ND<1.0	ND<1.0	NS

### Notes:

μg/L - micrograms per liter (parts per billion)

ND - Not detected at the Practical Quantitation Limit (PQL).

NS - Not Sampled

Exceedances are shown in red.



<sup>&</sup>lt;sup>1</sup> NYSDEC Technical and Operational Guidance Series: Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998 (including April 2000 and June 2004 Addendums). Standards shown are for Class GA Groundwater. 6 NYCRR Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations.

<sup>&</sup>lt;sup>2</sup> Applies to sum of Arcolors

### TABLE 1: ANALYTICAL DATA SUMMARY - SOILS (VOC'S)

Sampling Dates: As Noted Analytical Method: Matrix: As Indicated

	COTT	CLEANUP OBJECTIVE	E (SCO) <sup>1</sup>				SA	MPLE IDENTIFICATI	IPLE IDENTIFICATION			
COMPOUND	SOIL	CLEANUP OBJECTIVE	E (SCO)	UNITS	SB-1 (17')	SB-2 (7')	SB-3 (4')	SB-4 (7')	SB-7 (13')	SB-8 (6')	GT-3 (5'-7')	
	UNR <sup>2</sup>	R/GW <sup>3</sup>	COMM <sup>4</sup>	1	7/17/2020	7/17/2020	7/17/2020	7/17/2020	7/17/2020	7/17/2020	7/21/2020	
1,1,1-Trichloroethane	680	680	500,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540	
1,1-Dichloroethane	270	270	240,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540	
1,1-Dichloroethene	330	330	240,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540	
1,2,4-Trimethylbenzene	3,600	3,600	190,000	μg/kg	ND < 5.9	2,720	2,010	23.0	15.7	ND < 4.3	278,000	
1,2-Dichlorobenzene	1,100	1,100	500,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540	
1,2-Dichloroethane	20	20	30,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540	
1,3,5-Trimethylbenzene	8,400	8,400	190,000	μg/kg	ND < 5.9	816	936	8.8	5.4	ND < 4.3	81,600	
1,3-Dichlorobenzene	2,400	2,400	280,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540	
1,4-Dichlorobenzene	1,800	1,800	130,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540	
1,4-Dioxane (p-Dioxane)	100	100	130,000	μg/kg	ND < 148	ND < 9940	ND < 20700	ND < 46.8	ND < 86.3	ND < 107	ND < 38500	
2-Butanone (MEK)	120	120	500,000	μg/kg	27.4	ND < 397	ND < 827	ND < 1.9	ND < 3.5	35.9	ND < 1540	
Acetone	50	50	500,000	μg/kg	107	457	ND < 827	63.0	188	173	ND < 1540	
Benzene	60	60	44,000	μg/kg	ND < 5.9	ND < 397	849	ND < 1.9	ND < 3.5	ND < 4.3	18,500	
Carbon Tetrachloride	760	760	2,200	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540	
Chlorobenzene	1,100	1,100	500,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540	
Chloroform	370	370	350,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	8.1	ND < 4.3	ND < 1540	
Cis-1,2-Dichloroethene	250	250	500,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540	
Ethylbenzene	1,000	1,000	390,000	μg/kg	ND < 5.9	ND < 397	ND < 827	2.5	ND < 3.5	ND < 4.3	286,000	
p-Isopropyltoluene				μg/kg	ND < 5.9			ND < 1.9	12.3	ND < 4.3		
Methyl-Tert-Butyl Ether	930	930	500,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540	
Methylene Chloride	50	50	500,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540	
n-Butylbenzene	12,000	12,000	500,000	μg/kg	ND < 5.9	662	3,320	2.1	40.2	ND < 4.3	14,200	
n-Propylbenzene	3,900	3,900	500,000	μg/kg	ND < 5.9	604	5,090	4.0	144	ND < 4.3	55,100	
sec-Butylbenzene	11,000	11,000	500,000	μg/kg	ND < 5.9	442	7,990	2.2	81.1	ND < 4.3	5,930	
tert-Butylbenzene	5,900	5,900	500,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	16.9	5.9	ND < 1540	
Tetrachloroethene	1,300	1,300	150,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540	
Toluene	700	700	500,000	μg/kg	ND < 5.9	ND < 397	2,020	2.6	5.7	ND < 4.3	6,500	
Trans-1,2-Dichloroethene	190	190	500,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540	
Trichloroethene	470	470	200,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540	
Vinyl Chloride	20	20	13,000	μg/kg	ND < 5.9	ND < 397	ND < 827	ND < 1.9	ND < 3.5	ND < 4.3	ND < 1540	
Xylene (Total)	260	1,600	500,000	ug/kg	ND < 11.8	ND < 795	4,870	14.3	11.5	ND < 8.6	852,000	

Restricted Use SCO's pertain to protection of public health.

μg/kg - micrograms per kilogram (parts per billion).

Exceeds UNR

Exceeds UNR and R/GW



Notes:

1 Ref: 6 NYCRR Chapter IV Subpart 375.6: Remedial Program Soil Cleanup Objectives, Effective December 14, 2006, and DEC CP-51 / Soil Cleanup Guidance, Issued October 21, 2010.

<sup>&</sup>lt;sup>2</sup> UNR- Unrestricted Use SCO.

<sup>&</sup>lt;sup>3</sup> R/GW - Lower of Protection of Public Health (Residential Occupany) and Protection of Groundwater SCOs.

<sup>&</sup>lt;sup>4</sup> COMM- Commercial SCO.

### TABLE 2: ANALYTICAL DATA SUMMARY - SOILS (SVOCs)

Sampling Dates: Analytical Method: Matrix: As Noted As Indicated Soil

Matrix.			1				SAMPLE IDE	NTIFICATION		
COMPOUND	SOIL CI	EANUP OBJECTIV	E (SCO)	UNITS	SB-1/4 (1')	SB-3 (2'-6')	SB-4/7 (6')	SB-8 (4'-8')	SB-2 (6'-10')	GT-3 (5'-7')
	UNR <sup>2</sup>	R/GW <sup>3</sup>	COMM <sup>4</sup>		7/17/2020	7/17/2020	7/17/2020	7/17/2020	7/17/2020	7/21/2020
2-Methylphenol (o-Cresol)	330	330	500,000	μg/kg	ND < 77.4	ND < 1,020	ND < 1,640	ND < 1,090	ND < 178	ND < 423
3-Methylphenol (m-Cresol)	330	330	500,000	μg/kg	ND < 77.4	ND < 1,020	1,690 <sup>5</sup>	ND < 1,090	ND < 178	ND < 423
4-Methylphenol (p-Cresol)	330	330	500,000	μg/kg	ND < 77.4	ND < 1020	1,690 <sup>5</sup>	ND < 1,090	ND < 178	ND < 423
Acenaphthene	20,000	98,000	500,000	μg/kg	ND < 77.4	1,080	ND < 1,640	ND < 1,090	313	476
Acenaphthylene	100,000	100,000	500,000	μg/kg	324	ND < 1,020	ND < 1,640	ND < 1,090	210	ND < 423
Anthracene	100,000	100,000	500,000	μg/kg	326	ND < 1,020	ND < 1,640	ND < 1,090	203	800
Benzo(a)anthracene	1,000	1,000	5,600	μg/kg	1,010	ND < 1,020	ND < 1,640	ND < 1,090	ND < 178	1,890
Benzo (a) pyrene	1,000	1,000	1,000	μg/kg	1,010	ND < 1,020	ND < 1,640	ND < 1,090	ND < 178	2,050
Benzo (b) fluoranthene	1,000	1,000	5,600	μg/kg	1,240	ND < 1,020	ND < 1,640	ND < 1,090	ND < 178	2,400
Benzo (g,h,i) perylene	100,000	100,000	500,000	μg/kg	604	ND < 1,020	ND < 1,640	ND < 1,090	ND < 178	1,070
Benzo (k) fluoranthene	800	1,000	56,000	μg/kg	501	ND < 1,020	ND < 1,640	ND < 1,090	ND < 178	ND < 423
Chrysene	1,000	1,000	56,000	μg/kg	1,060	ND < 1,020	ND < 1,640	ND < 1,090	ND < 178	1,790
Dibenz (a,h) anthracene	330	330	560	μg/kg	178	ND < 1,020	ND < 1,640	ND < 1,090	ND < 178	ND < 423
Fluoranthene	100,000	100,000	500,000	μg/kg	1,660	ND < 1,020	ND < 1,640	ND < 1,090	ND < 178	3,720
Fluorene	30,000	100,000	500,000	μg/kg	105	1,610	ND < 1,640	ND < 1,090	359	556
Indeno (1,2,3-cd) pyrene	500	500	5,600	μg/kg	635	ND < 1,020	ND < 1,640	ND < 1,090	ND < 178	1,220
Napthalene	12,000	12,000		μg/kg	193	ND < 1,020	ND < 1,640	ND < 1,090	ND < 178	4,700
Pentachlorophenol	800	800	6,700	μg/kg	ND < 77.4	ND < 10,200	ND < 16,400	ND < 10,900	ND < 1780	ND < 4230
Phenanthrene	100,000	100,000	500,000	μg/kg	901	1,920	ND < 1,640	ND < 1,090	289	2,980
Phenol	330	330	500,000	μg/kg	ND < 77.4	ND < 1,020	ND < 1,640	ND < 1,090	ND < 178	ND < 423
Pyrene	100,000	100,000	500,000	μg/kg	1,670	1,190	ND < 1,640	ND < 1,090	ND < 178	3,890

Restricted Use SCO's pertain to protection of public health.

μg/kg - micrograms per kilogram (parts per billion).

ND -Not detected at the Practical Quantitation Limit (PQL).

Exceeds UNR

Exceeds UNR and R/GW



Notes:

Ref: 6 NYCRR Chapter IV Subpart 375.6: Remedial Program Soil Cleanup Objectives, Effective December 14, 2006, and DEC CP-51 / Soil Cleanup Guidance, Issued October 21, 2010.

<sup>&</sup>lt;sup>2</sup> UNR- Unrestricted Use SCO.

<sup>&</sup>lt;sup>3</sup> R/GW - Lower of Protection of Public Health (Residential Occupany) and Protection of Groundwater SCOs.

<sup>&</sup>lt;sup>4</sup> COMM- Commercial SCO.

<sup>&</sup>lt;sup>5</sup> Includes m&p isomers.

### TABLE 3: ANALYTICAL DATA SUMMARY - SOILS (Metals)

Sampling Dates: As Noted Analytical Method: Matrix: As Indicated

Soil

	COIL C	LEANUD ODIECED	Tr (nco)l				SAMPLE IDE	NTIFICATION		
COMPOUND	SOIL C.	LEANUP OBJECTIV	/E (SCO)	UNITS	SB-1/4 (1')	SB-3 (2'-6')	SB-4/7 (6')	SB-8 (4'-8')	SB-2 (6'-10')	GT-3 (5'-7')
	UNR <sup>2</sup>	R/GW <sup>3</sup>	COMM <sup>4</sup>	]	7/17/2020	7/17/2020	7/17/2020	7/17/2020	7/17/2020	7/21/2020
Arsenic	16 <sup>5</sup>	16 <sup>5</sup>	16 <sup>5</sup>	mg/kg	18.6	2.9	6.6	9.1	ND < 1.3	7.8
Barium	350	350	400	mg/kg	239	29.8	79.0	70.7	31.5	66.7
Beryllium	7.2	14	590	mg/kg	ND < 0.32	ND < 0.37	ND < 0.29	ND < 0.40	ND < 0.66	ND < 0.32
Cadmium	2.5	2.5	9.3	mg/kg	1.0	ND < 0.19	0.67	0.32	ND < 0.33	0.33
Chromium, Hexavalent	1	19	400	mg/kg	ND < 1.2	ND < 7.7	ND < 1.1	ND < 8.2	ND < 13.4	ND < 6.5
Chromium, Trivalent	30	36	1,500	mg/kg	28.0	5.6	14.4	17.2	6.2	13.3
Copper	50	270	270	mg/kg	173	11.0	77.9	92	4.8	36.1
Cyanide	27	27	27	mg/kg	1.2	ND < 0.71	ND < 0.57	ND < 0.76	ND < 1.2	ND < 0.62
Lead	63	400	1,000	mg/kg	250	14.3	54.9	69.8	3.1	60.7
Manganese	2,000	2,000	10,000	mg/kg	300	67.4	268	325	71.9	241
Mercury	0.3 5	0.73	2.8	mg/kg	0.44	ND < 0.05	1.2	ND < 0.06	ND < 0.086	0.12
Nickel	30	130	310	mg/kg	21.6	9.4	17.4	21.5	8.6	17.9
Selenium	4	4	1,500	mg/kg	1.5	ND < 0.75	ND < 0.57	2.0	1.5	ND < 0.64
Silver	2	8.3	1,500	mg/kg	ND < 0.65	ND < 0.75	ND < 0.57	ND < 0.80	ND < 1.3	ND < 0.64
Zinc	109	2,200	10,000	mg/kg	325	15.8	235	92.8	10.3	113

mg/kg - milligrams per kilogram (parts per million).

ND - Not detected above the Practical Quantitation Limit (PQL).

Exceeds UNR

Exceeds UNR and R/GW



Ref: 6 NYCRR Chapter IV Subpart 375.6: Remedial Program Soil Cleanup Objectives, Effective December 14, 2006, and DEC CP-51 / Soil Cleanup Guidance, Issued October 21, 2010

<sup>&</sup>lt;sup>2</sup> UNR - Unrestricted Use SCO.

<sup>&</sup>lt;sup>3</sup> R/GW - Lower of Protection of Public Health (Residential Occupany) and Protection of Groundwater SCOs.

<sup>&</sup>lt;sup>4</sup> COMM - Commercial SCO.

<sup>&</sup>lt;sup>5</sup> SCO is Rural Soil Backgound Concentration

### TABLE 4: ANALYTICAL DATA SUMMARY - SOILS (PCBs)

Sampling Dates: As Noted
Analytical Method: As Indicated
Matrix: Soil

	COIL		(000)				SAMPLE IDE	NTIFICATION		
COMPOUND	SOIL	CLEANUP OBJECTIVE	(SCO)	UNITS	SB-1/4 (1')	SB-3 (2'-6')	SB-4/7 (6')	SB-8 (4'-8')	SB-2 (6'-10')	GT-3 (5'-7')
	UNR <sup>2</sup>	R/GW <sup>3</sup>	COMM <sup>4</sup>		7/17/2020	7/17/2020	7/17/2020	7/17/2020	7/17/2020	7/21/2020
Aroclor 1016	0.1	1	1	mg/kg	ND < 0.0381	ND < 0.0502	ND < 0.0377	ND < 0.0529	ND < 0.0879	ND < 0.0416
Aroclor 1221	0.1	1	1	mg/kg	ND < 0.0381	ND < 0.0502	ND < 0.0377	ND < 0.0529	ND < 0.0879	ND < 0.0416
Aroclor 1232	0.1	1	1	mg/kg	ND < 0.0381	ND < 0.0502	ND < 0.0377	ND < 0.0529	ND < 0.0879	ND < 0.0416
Aroclor 1242	0.1	1	1	mg/kg	ND < 0.0381	ND < 0.0502	ND < 0.0377	ND < 0.0529	ND < 0.0879	0.0978
Aroclor 1248	0.1	1	1	mg/kg	ND < 0.0381	ND < 0.0502	ND < 0.0377	ND < 0.0529	ND < 0.0879	ND < 0.0416
Aroclor 1254	0.1	1	1	mg/kg	0.0428	ND < 0.0502	ND < 0.0377	ND < 0.0529	ND < 0.0879	ND < 0.0416
Aroclor 1260	0.1	1	1	mg/kg	0.0407	ND < 0.0502	ND < 0.0377	0.174	ND < 0.0879	ND < 0.0416

### Notes

mg/kg - milligrams per kilogram (parts per million).

ND -Not detected at the Practical Quantitation Limit (PQL).

Exceeds UNR

Exceeds UNR and R/GW



Ref: 6 NYCRR Chapter IV Subpart 375.6: Remedial Program Soil Cleanup Objectives, Effective December 14, 2006, and DEC CP-51 / Soil Cleanup Guidance, Issued October 21, 2010.

<sup>&</sup>lt;sup>2</sup>UNR- Unrestricted Use SCO.

<sup>&</sup>lt;sup>3</sup> R/GW - Lower of Protection of Public Health (Residential Occupany) and Protection of Groundwater SCOs.

<sup>&</sup>lt;sup>4</sup> COMM- Commercial SCO.



# New York State Department of Environmental Conservation Brownfield Cleanup Program Application

# [Exhibit 8]

# Previous Owners and Operators

Parcels are currently vacant; previous owners listed per parcel in Supplemental Information, Section VI (page 7).



# **Exhibit 9: Site Contact List**

Site Name	: Solar Street Office Development		List Last Updated: 7-31-20	0		
Current Occupant	Name, Title	Address	Street Address	City	State	Zip
	Sunnydale Corporation		931 North Clinton Street	Syracuse	NY	13204
	JPD Corporation		901 North Clinton Street	Syracuse	NY	13204
	Emerald Point Inc.		967 North Clinton Street	Syracuse	NY	13204
	Ben Walsh, Mayor	City of Syracuse	233 East Washington St.	Syracuse	NY	13202
	Jake Dishaw, Director of Code Enforcement	City of Syracuse	201 East Washington St.	Syracuse	NY	13202
	Mary E. Robison, P.E., City Engineer	City of Syracuse	233 East Washington Street	Syracuse	NY	13202
	John Copanas, City Clerk	City of Syracuse	233 East Washington Street	Syracuse	NY	13202
	Helen Hudson, Common Council President	City of Syracuse	233 East Washington Street	Syracuse	NY	13202
	Jaime Alicea, Superintendent	Syracuse City School District	725 Harrison Street	Syracuse	NY	13210
	Eagle Observer Newspaper		2501 James Street Suite 100	-	NY	13206
	The Post-Standard	Syracuse Online, LLC	101 North Salina St.	Syracuse	NY	13202
	Matthew Marko, Regional Director	NYSDEC	615 Erie Blvd. West	Syracuse	NY	13204
	Harry Warner P. E., Regional Engineer	NYSDEC	615 Erie Blvd. West	Syracuse	NY	13204
	Margaret Sheen, Esq.	NYSDEC	615 Erie Blvd. West	Syracuse	NY	13204
	Department of Water Environment Protection	Onondaga County	650 Hiawatha Blvd West	Syracuse	NY	13204
	Onondaga County Water Authority		200 Northern Concourse	Syracuse	NY	13212
	Baldwinsville Public Library		33 East Genesee Street	Baldwinsville	NY	13027
	COR Solar St. Company II LLC		401 Solar Street	Syracuse	NY	13204
	COR Solar St. Company II LLC		425 Solar Street	Syracuse	NY	13204
	COR Solar St. Company II LLC		439 Solar Street	Syracuse	NY	13204
	COR Solar St. Company II LLC		451 Solar Street	Syracuse	NY	13204
Current Occupant or			399 Solar Street	Syracuse	NY	13204
	Richard W. Lindsley		647 Genant Drive	Syracuse	NY	13204
Current Occupant or			651 Genant Drive	Syracuse	NY	13204
Current Occupant or			115 Court Street W.	Syracuse	NY	13204
Current Occupant or	The Real Estate Series of Hurbson Business Interior		100 Court Street W.	Syracuse	NY	13204
Current Occupant or	J M Wall Company Inc.		936 Clinton Street N.	Syracuse	NY	13204
Current Occupant or	Lansing Group Inc.		450 Solar Street	Syracuse	NY	13204
Current Occupant or	Destiny USA Land Co LLC		470 Solar Street	Syracuse	NY	13204



July 27, 2020

Ms. Nancy Howe, Assistant Director BALDWINSVILLE PUBLIC LIBRARY 33 East Genesee Street Baldwinsville, New York 13027

RE: 901.96

901, 967, 931 North Clinton St. City of Syracuse, Onondaga County BROWNFIELD CLEANUP PROGRAM TDK Project No: 2019070

### Dear Ms. Howe:

On behalf of HP Operating, LLC, we are preparing an application for submission to the New York State Department of Environmental Conservation (DEC) for entry into the Brownfield Cleanup Program (BCP) in connection with the proposed re-development of the above-referenced property.

The DEC requires the identification of a document repository (i.e., library) as part of the application, along with a letter acknowledging the library's agreement to act as a repository for public review of BCP-related documents (e.g., environmental investigation and remediation work plans, reports, etc.). Accordingly, on behalf of our client we are requesting that you sign where indicated below as acknowledgment of Baldwinsville Public Library as the document repository for the project. If you should have any questions or comments, please do not hesitate to contact me. Thank you in advance for your cooperation; it is greatly appreciated.

Sincerely

TDK ENGINEERING ASSOCIATES, P.C.

**BALDWINSVILLE PUBLIC LIBRARY** 

John C. Herrmann, P.E.

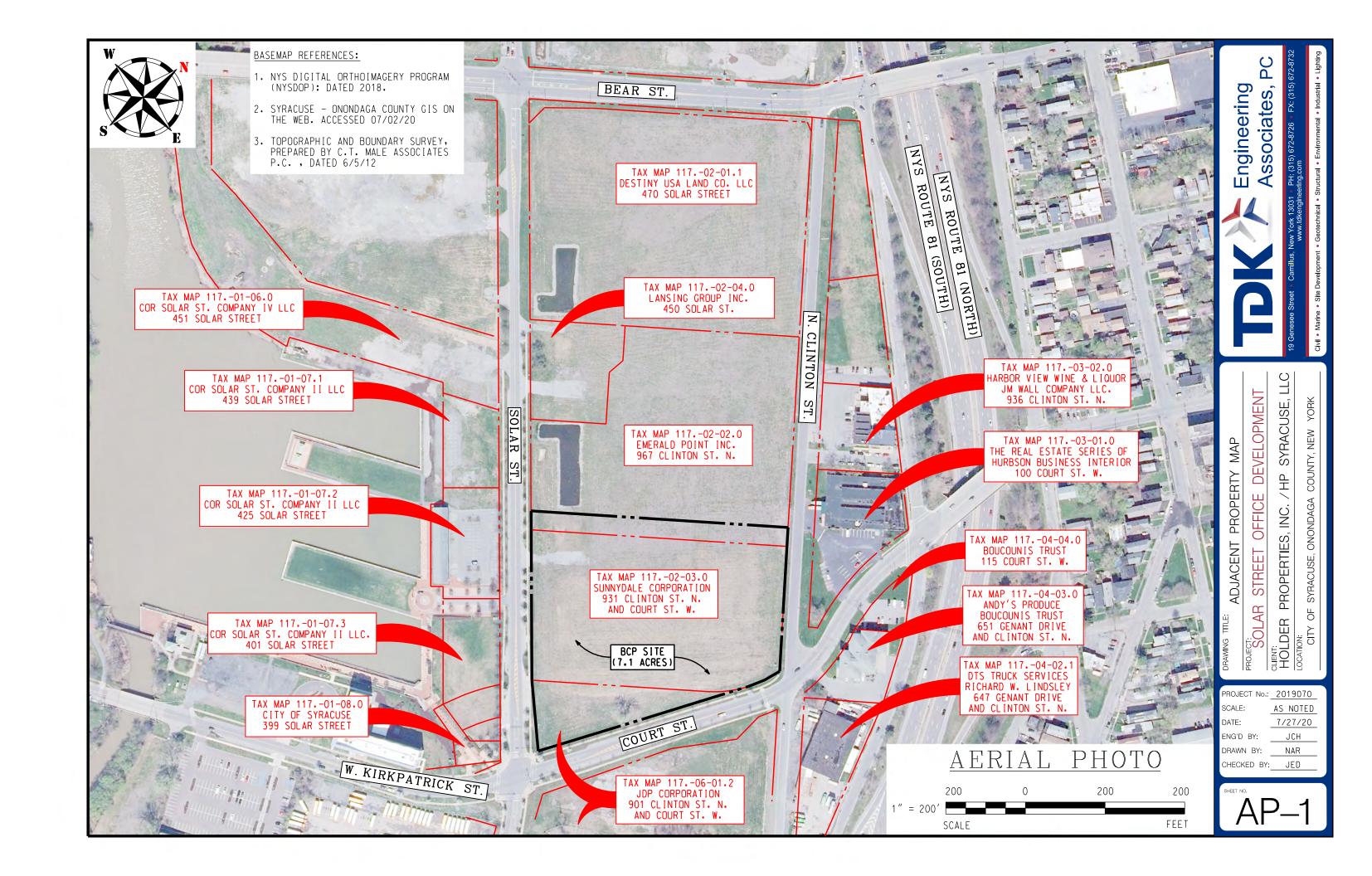
JCH/mer

Cc: Amy Weber

Nancy J HowE

7/31/2020

ame Tit.



# NYS Department of State

## **Division of Corporations**

### **Entity Information**

The information contained in this database is current through July 29, 2020.

Selected Entity Name: HOLDER PROPERTIES, INC.

Selected Entity Status Information

Current Entity Name: HOLDER PROPERTIES, INC.

DOS ID #: 5799085

Initial DOS Filing Date: JULY 28, 2020

County:

**NEW YORK** 

Jurisdiction:

**GEORGIA** 

**Entity Type:** 

FOREIGN BUSINESS CORPORATION

**Current Entity Status: ACTIVE** 

Selected Entity Address Information

DOS Process (Address to which DOS will mail process if accepted on behalf of the entity)

**EVERSHEDS SUTHERLAND (US) LLP** 1114 4TH AVENUE **40TH FLOOR** 

NEW YORK, NEW YORK, 10036

Registered Agent

NONE

This office does not record information regarding the names and addresses of officers, shareholders or directors of nonprofessional corporations except the chief executive officer, if provided, which would be listed above. Professional corporations must include the name(s) and address(es) of the initial officers, directors, and shareholders in the initial certificate of incorporation, however this information is not recorded and only available by viewing the certificate.

### \*Stock Information

# of Shares \$ Value per Share Type of Stock No Information Available

\*Stock information is applicable to domestic business corporations.

### **Name History**

Filing Date Name Type **Entity Name** JUL 28, 2020 Actual HOLDER PROPERTIES, INC.

A Fictitious name must be used when the Actual name of a foreign entity is unavailable for use in New York State. The entity must use the fictitious name when conducting its activities or business in New York State.

NOTE: New York State does not issue organizational identification numbers.

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## **NYS Department of State**

### **Division of Corporations**

### **Entity Information**

The information contained in this database is current through July 31, 2020.

Selected Entity Name: HP SYRACUSE, LLC

**Selected Entity Status Information** 

Current Entity Name: HP SYRACUSE, LLC

DOS ID #: 5802126

Initial DOS Filing Date: JULY 31, 2020

**NEW YORK County: Jurisdiction: GEORGIA** 

**Entity Type:** FOREIGN LIMITED LIABILITY COMPANY

**Current Entity Status: ACTIVE** 

Selected Entity Address Information

DOS Process (Address to which DOS will mail process if accepted on behalf of the entity)

C/O HOLDER PROPERTIES, INC. 3300 CUMBERLAND BOULEVARD SE **SUITE 200** ATLANTA, GEORGIA, 30339

**Registered Agent** 

**NONE** 

This office does not require or maintain information regarding the names and addresses of members or managers of nonprofessional limited liability companies. Professional limited liability companies must include the name(s) and address(es) of the original members, however this information is not recorded and only available by viewing the certificate.

### \*Stock Information

8/2/2020 **Entity Information** 

> # of Shares **Type of Stock \$ Value per Share**

> > No Information Available

\*Stock information is applicable to domestic business corporations.

### **Name History**

Filing Date Name Type **Entity Name** JUL 31, 2020 Actual HP SYRACUSE, LLC

A Fictitious name must be used when the Actual name of a foreign entity is unavailable for use in New York State. The entity must use the fictitious name when conducting its activities or business in New York State.

NOTE: New York State does not issue organizational identification numbers.

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### ACCESS AND DUE DILIGENCE AGREEMENT

This agreement (this "Agreement") is entered into July 2, 2020 (the "Effective Date"), between Pyramid Management Group, LLC, a New York limited liability company ("Licensor"), as managing agent on behalf of the owners of the Property (as hereinafter defined) and HP OPERATING, LLC, a Georgia limited liability company ("Licensee") (collectively, the "Parties"; each, a "Party").

- A. Licensor is the managing agent of the owners (collectively, the "Owners") of the real property depicted on Exhibit A attached hereto (the "Property").
- B. Licensor and Licensee are discussing a transaction by which Licensee may purchase the Property from Licensor.
- C. Licensee has requested the right to access the Property to perform certain due diligence investigations on the terms and conditions described in this Agreement.

In consideration of the mutual promises described in this Agreement, the adequacy and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

- 1. <u>License</u>. Licensor grants a revocable license to Licensee and its employees, contractors and agents for the limited purpose of entering the Property to review and analyze its physical condition (collectively, the "Due Diligence Activities"), subject to the terms and provisions in this Agreement.
- 2. <u>Due Diligence Materials</u>. The Parties acknowledge and agree that certain information, reports, studies, plans and other documents related to the Property have previously been delivered by Licensor to Licensee (collectively, the "Existing Diligence Materials"), and which Existing Diligence Materials are subject to the terms and conditions of that certain confidentiality agreement dated December 17, 2019 by and between Licensor and Licensee (the "Confidentiality Agreement"). In addition, the Parties acknowledge and agree that certain information, reports, studies, plans and other documents may be generated as a result of, or in connection with, the Due Diligence Activities (collectively, the "New Diligence Materials"; and together with the Existing Diligence Materials, the "Diligence Materials"). Licensee agrees to promptly provide Licensor with a copy of all New Diligence Materials. The furnishing of the Existing Diligence Materials by Licensor is, and has been, without any representation or warranty, whether express or implied, by Licensor, and, likewise, neither Licensor nor Licensee makes any representation or warranty, whether express or implied, in connection with any New Diligence Materials.
- 3. <u>Compliance</u>. In performing the Due Diligence Activities, Licensee shall comply, and Licensee shall cause all of its employees, contractors and agents to comply, with all applicable laws and regulations. Licensee shall take all appropriate safety precautions and implement all commercially reasonable safety measures in performing the Due Diligence Activities. Licensee shall perform the Due Diligence Activities and all activities incidental to the Due Diligence Activities at its sole cost and expense.
- 4. <u>Due Diligence Activities</u>. Licensee will not conduct any intrusive physical testing (environmental, structural or otherwise) at the Property (e.g., a Phase II environmental site assessment) without Licensor's prior written approval, which approval Licensor will not unreasonably withhold. However, Licensee may conduct a Phase I environmental site assessment and a geotechnical assessment without Licensor's prior written approval. Licensee shall promptly repair any damage to the Property resulting from any Due Diligence Activities so that the Property is restored to the same condition that existed prior to such Due Diligence Activities, including, without limitation, replacing, refilling and regrading any holes made in or excavations of any portion of the Property in connection with the Due Diligence Activities. Such obligation of Licensee will survive the termination of this Agreement or the expiration of the Term. Licensee will provide Licensor reasonable notice prior to the commencement of any Due Diligence Activities at the Property and will provide Licensor the opportunity to observe any Due Diligence Activities at the Property. Notwithstanding the terms of this Agreement to the contrary, Licensee may, without Licensor's prior written approval, have a Phase II Environmental Site Assessment conducted by TDK Engineering (the "Environmental Contractor") pursuant to a contract that incorporates the terms of the Property resulting from borings into underground by Licensor, and Licensee will not be liable for any damage to the Property resulting from borings into underground

physical remnants (e.g., USTs or pipes), unless such physical remnants are shown on the Existing Diligence Material, and absent gross negligence or willful misconduct by Licensee or the Environmental Contractor (for the sake of clarity, failing to act in accordance with good and customary practice in connection with any intrusive testing, shall constitute gross negligence).

- 5. <u>Relationship of the Parties</u>. This Agreement does not and should not be construed to create the relationship of landlord and tenant, partners, joint ventures, tenants in common, principal and agent, or any kind of fiduciary or other legal relationship other than Licensee having a limited access to the Property, subject to the terms and provisions in this Agreement.
- 6. <u>Insurance.</u> During the Term, Licensee shall maintain, and Licensee shall cause Licensee's contractors performing the Due Diligence Activities at the Property to maintain, at its or their expense, the following types and amounts of insurance: (i) commercial general liability insurance with a minimum combined bodily injury and property damage limit of not less than \$1,000,000 per occurrence, with a \$2,000,000 aggregate; (ii) umbrella or excess liability coverage in an amount of at least \$5,000,000 (iii) automobile liability for bodily injury with a limit of not less than \$1,000,000 per occurrence, and (iv) workers compensation insurance and coverage with applicable statutory limits. Prior to entering the Property, Licensee shall deliver, and Licensee shall cause any such contractor(s) performing the Due Diligence Activities to deliver, to Licensor a certificate of insurance with respect to the insurance required under this Section. All insurance required of Licensee or any such contractor shall (1) include waiver of subrogation against Licensor and the Owners, (2) name Licensor as an additional insured with respect to the insurance required in subsections (i), (ii) and (iii) above, and (3) be issued by insurance carriers which are authorized to transact business in the state in which the Property is located and which have a minimum Best rating of A-, XII.
- 7. <u>Indemnity.</u> Licensee shall indemnify, defend and hold harmless Licensor, Owners and their respective officers, partners, employees, representatives, affiliates and lenders (the "Licensor Parties") from and against any and all actual losses, costs, expenses, claims, liens, demands, liabilities and causes of action of any kind whatsoever (including, without limitation, reasonable attorneys' fees) (collectively "Claims") arising from or related to (i) Licensee's or its employee's, contractor's or agent's access onto the Property, (ii) the performance of the Due Diligence Activities, or (iii) a breach of this Agreement by Licensee; provided, however, Licensee will not be obligated to indemnify, defend or hold harmless the Licensor Parties for Claims arising from the negligence or willful misconduct of the applicable Licensor Party. The provisions of this Section will survive the termination of this Agreement or the expiration of the Term.
- 8. <u>Confidentiality</u>. All Due Diligence Materials shall be subject to the terms of the Confidentiality Agreement, except the Due Diligence Materials may be shared with Equitable Financial Life Insurance Company and its advisors and representatives so long as they are informed of the confidential nature of the Due Diligence Materials. The confidentiality provisions of this Section will survive the termination of this Agreement or the expiration of the Term (as hereinafter defined).
- 9. <u>Term and Termination</u>. The term of this Agreement (the "Term") will commence on the Effective Date and will continue until the earlier to occur of October 1, 2020 or the date upon which a binding purchase and sale agreement is fully executed by the Parties (or any of such Party's affiliates), unless terminated earlier by Licensor. Licensor may terminate this Agreement at any time and for any reason upon written notice to Licensee.
- 10. <u>Notice</u>. Notices under this Agreement will be deemed given when received and will be delivered to the addressees set forth below either by (i) electronic mail or (ii) overnight delivery with a nationally recognized courier service.

Licensor:

Pyramid Management Group, LLC 4 Clinton Square Syracuse, NY 13202 Attn: James Soos

Email: jamessoos@pyramidmg.com

And to:

Pyramid Management Group, LLC

4 Clinton Square Syracuse, NY 13202 Attn: Douglas Cain

Email: douglascain@pyramidmg.com

Licensee:

3300 Cumberland Boulevard

Suite 200

Atlanta, GA 30339 Attn: Adam Sonenshine

Email: asonenshine@holderproperties.com

- 11. <u>Modification</u>. No modification or waiver of the terms or conditions of this Agreement will be binding upon the Parties unless approved in writing by Licensor and Licensee. The failure by either Party to enforce its rights under this Agreement on any occasion will not operate as or be deemed to be a waiver of any future enforcement or exercise of such rights.
- 12. <u>Applicable Law.</u> This Agreement will be interpreted in accordance with the laws of the state of New York.
- 13. Entire Agreement. This Agreement may be executed in multiple counterparts, each of which will be deemed an original, but all of which together will constitute one and the same instrument. Executed copies of this Agreement may be delivered between the Parties via electronic mail, and such copies will be deemed as effective as originals. This Agreement, together with the Confidentiality Agreement, is intended to be the complete statement of the agreement between the Parties with regard to the matters described herein, and the Parties will not be bound by any prior statements, special conditions or agreements not expressed in this Agreement and/or the Confidentiality Agreement.

[SIGNATURES INCLUDED ON FOLLOWING PAGE]

IN WITNESS WHEREOF, Licensee and Licensor have caused this Agreement to be executed by their duly authorized representatives as of the Effective Date.

### LICENSOR:

Pyramid Management Group, LLC a New York limited liability company

Name:-

Title:

### LICENSEE:

HP OPERATING, LLC,

a Georgia limited liability company

Name: Title:

[Signatures continue on following page]

# EXHIBIT A DESCRIPTION OF PROPERTY



### AMENDMENT TO ACCESS AND DUE DILIGENCE AGREEMENT

This amendment (this "Amendment") is entered into effective August 21, 2020 (the "Amendment Effective Date"), between Pyramid Management Group, LLC, a New York limited liability company ("Licensor"), as managing agent on behalf of the owners of the Property, HP OPERATING, LLC, a Georgia limited liability company ("Licensee"), HOLDER PROPERTIES, INC., a Georgia corporation ("HPI"), and HP SYRACUSE, LLC, a Georgia limited liability company ("HPS") (collectively, the "Parties"; each, a "Party").

- A. Licensor and Licensee entered into that certain Access and Due Diligence Agreement dated July 2, 2020 (the "Agreement").
- B. HPI and HPS are affiliates of Licensee and desire to have the same rights as Licensee under the Agreement.
- C. Licensor has agreed to grant HPI and HPS the same rights under the Agreement as Licensee subject to, and in accordance with, the terms of this Amendment.

In consideration of the mutual promises described in this Amendment, the adequacy and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

- 1. <u>Capitalized Terms</u>. Any capitalized terms not defined in this Amendment have the meanings given to such terms in the Agreement.
- 2. <u>Licensee</u>. HPI and HPS are hereby deemed additional licensees under the Agreement, entitled to the rights and subject to the obligations of Licensee under the Agreement. From and after the Amendment Effective Date, (i) "Licensee" will be deemed to collectively include the current Licensee, HPI and HPS, and (ii) the current Licensee, HPI and HPS are jointly and severally liable for all obligations of Licensee under the Agreement.
- 3. <u>Miscellaneous</u>. Except as expressly modified or supplemented by this Amendment, the terms of the Agreement remain in full force and effect. Executed copies of this Amendment may be delivered between the Parties via electronic mail, and such copies will be deemed as effective as originals.

[SIGNATURES INCLUDED ON FOLLOWING PAGE]

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Licensor, the current Licensee, HPI and HPS have caused this Amendment to be executed by their duly authorized representatives as of the Amendment Effective Date.

### LICENSOR:

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Pyramid 1	Management Group, LLC
a New Yo	ork limited liability compa
	1 01
By:	Umulhas
Name:	JAMES L. SOO
Title:	Authorized Po
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HP OPER	RATING, LLC,
	limited liability company
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By:	
Name:	
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HOLDER	PROPERTIES, INC.,
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	CUSE, LLC, limited liability company
a Georgia	minico naomity company
By:	
Name:	
Title:	

Licensor, the current Licensee, HPI and HPS have caused this Amendment to be executed by their duly authorized representatives as of the Amendment Effective Date.

### LICENSOR:

Pyramid Management Group, LLC, a New York limited liability company

By:\_\_\_\_\_\_ Name: Title:

### LICENSEE:

HP OPERATING, LLC, a Georgia limited liability company

Name: John R. Holder
President

HPI:

HOLDER PROPERTIES, INC., a Georgia corporation

Title: J

John R. Holder

President

HPS:

By: C

HP SYRACUSE, LLC, a Georgia limited liability company

By Name:

Title:

John R. Holder President