

Meeting Notice

TO: Board Members

FROM: Andrew Santillo

DATE: April 6, 2021

RE: Planning Board Meeting

The regular meeting of the Montgomery County Planning Board is scheduled for <u>Thursday, April 8, 2021 at 6:30 p.m.</u>, to be held via Zoom meeting teleconference.

To join the meeting from your computer, tablet or smartphone: Zoom Meeting ID: 899 574 5359 Password: 081958

You can also dial in using your phone: Dial: 646-558-8656 Enter Meeting Information: 8995745359#, 1#, 081958#

Please call Andrew at (518) 853-8334 between 8:30 a.m. and 4:00 p.m. if you have any questions.

cc: The Recorder Montgomery Co. Legislature DPW The Leader Herald Daily Gazette



MONTGOMERY COUNTY PLANNING BOARD MEETING

Thursday, April 8, 2021

6:30 PM – Montgomery County Business Development Center (Digital Meeting via Zoom)

- I. Pledge of Allegiance
- II. Role Call
- III. Adoption of Agenda
- IV. Approval of previous meeting minutes
- V. Public comments on agenda items (3 minute limit per person)
- VI. City of Amsterdam Site Plan Review
- VII. Town of Glen Special Use Permit
- VIII. Any other business

Montgomery County Planning Board Meeting Minutes January 14th, 2021 (digital meeting via Zoom)

MEMBERS PRESENT:

Wayne DeMallie, Chairman Mark Hoffman, Vice Chair Betty Sanders, Alternate David Wiener, Member Erin Covey, Member Angela Frederick, Member

STAFF MEMBERS PRESENT:

Alex Kuttesch, Senior Planner Vinnie Nicosia, Economic Dev. Specialist Andrew Santillo, Economic Dev. Assistant Karl Gustafson Jr., Grant Assistant Ken Rose, Director

ABSENT:

Ronald Jemmott, Member John Lyker, Member |Irene Collins, Member

OTHERS PRESENT:

Chris Meyers- Concore Mike Borkowski-Whitney Hughes-

I. Call to Order

The meeting was called to order by Chairman Wayne DeMallie at 6:31 p.m.

II. Roll Call

The roll call of board members was done by Chairman DeMallie.

III. Organizational Items

Officers remain the same as last year with Wayne DeMallie as Chairman and Mark Hoffman as Vice Chairman.

Motion was made by Angela Frederick, seconded by Erin Covey. All were in favor.

IV. Adoption of the Agenda

Mark Hoffman made a motion to accept the agenda, Wayne DeMallie seconded. All members present were in favor.

V. Approval of Previous Meeting's Minutes

Erin Covey made a motion to accept previous meeting minutes, Angela Frederick seconded the motion. The previous minutes were approved.

VI. Public Comment

There was no public comment.

VII. City of Amsterdam- Site Plan Review

Alex Kuttesch explained to the board that this is for a telecommunication system to be placed on a building on 27 East Main Street in the City of Amsterdam. Its main purpose is to enhance coverage through the downtown corridor.

Mark Hoffman asked if the building's roof would be able to support the system. Erin Covey stated that in the documents, it is stated that the building will be able to support this kind of system.

David Wiener made the motion to approve the referral, seconded by Angela Frederick. All were in favor.

The referral was approved.

VIII. Town of Amsterdam- Site Plan Review (Housing Referral)

Alex Kuttesch stated that this project will be located off Log City Road in the Town of Amsterdam. The housing referral is for 160 family units that spans over 116 acres. Chris Meyers the manager of the project stated that it will be two separate parcels, one being 16 acres and the other parcel being 100 acres. Chris explained that there is a small commercial space within the project that can fit a 15,000 Square foot building for office space/ warehouse space that is still up in the air. Chris also stated that 74 of the units on the first parcel will be market rate units. The second parcel will contain 82 condominiums.

David Wiener asked if there will be a sidewalk that leads the tenants to Route 30, Chris stated that there will be a sidewalk but it doesn't fully reach Route 30. Chris said it was tough to navigate around the wetlands between the parcels and Route 30.

Wayne DeMallie asked if there was a study done on if this housing project will be successful in this area. Chris stated that he's done his own research and believes with the growth of Route 30 this project should take off. Chris also stated that in the area there is a lack of market rate apartments.

David Wiener brought up the concern about the pricing of the units and the housing market, Chris is confident that all the units will be filled for the project. Chris is confident that they will be breaking ground within a few months starting with running water and sewer to the site.

Angela Frederick made a motion to approve the referral, seconded by Erin Covey. All were in favor.

The referral was approved.

IX. Town of Amsterdam- Site Plan Review (Solar Referral)

Alex Kuttesch explained that this will be a 5 MW community solar project. It will take up about 25 acres of a 50 acre parcel.

David Wiener was curious about the neighbors and what they think of the project. Erin Covey being a neighbor, stated that they have provided photos of the future project and from her house across the street she was unable to see any of the solar panels.

David Wiener asked if there was a fence around the property, Mike Borkowski stated that the trees surrounding the property will remain there to be a buffer between resident's homes. On one side of the property there will be a small fence so animals will be able to pass freely while still surrounding the project.

Mark Hoffman made a motion to approve the referral, seconded by Angela Frederick. All were in favor.

The referral was approved.

X. Town of Minden- Zoning Law Amendment

Mark Hoffman stated that the Town of Mohawk is reviewing their local law. They are looking to update their zoning laws within the town. Alex Kuttesch added that everything in this zoning law amendment is pretty straight forward and is much like any other zoning law in the county.

David Wiener asked why it came to the county planning board and Alex stated that every zoning law change has to come in front of the county planning board.

Angela Frederick made the motion to approve the referral, seconded by Erin Covey. Mark Hoffman abstained. Rest of the board was in favor.

The referral was approved.

XI. Other Business

There was no other business.

XII. Adjournment

Betty Sanders made a motion to adjourn the meeting at 7:30 p.m., seconded by Erin Covey. All were in favor.

Respectfully submitted,

Karl Gustafson Jr. Economic Development Grant Assistant

REFERRAL FORM MONTGOMERY COUNTY PLANNING BOARD

Referral Number______ assigned by the MCPB upon acceptance of referral for review

This Referral must be received SEVEN CALENDAR DAYS prior to the MCPB meeting date in order for it to be placed on the agenda.

TO: Montgomery County Planning Board, Old County Courthouse, PO Box 1500, Fonda, New York 12068 Phone: 518-853-8334 Fax: 518-853-8336 FROM: Municipal Board: <u>Chrosterdam Planning Comm</u> Referring Officer: <u>fawl Garm</u> Mail original resolution to: <u>LObin Waldrom</u> <u>UI Church Streut</u> , <u>Amsterdam M (7010</u>)
1. Applicant: Van Dyla Pavillion LLC 2. Site Address: 158 Upper Van Dyla
3. Tax Map Number(s): 393-1 4. Acres: 200-92
5. Is the site currently serviced by public water? Ves
6. On-site waste water treatment is currently provided by: Public Sewer or Septic System
7. Current Zoning: LDN 8. Current Land Use: GOH COURSE COUNTY Club
9. Project Description: Converting panilion to country Club
0 1 1
10. MCPB Jurisdiction:
Text Adoption or Amendment Site is located within 500' of: <u>Town 0</u> <u>Amsterdam</u>
a municipal boundary.
a State or County thruway/highway/roadway
an existing or proposed State or County park/recreation area
an existing or proposed County-owned stream or drainage channel
\square a state or County-owned parcel on which a public building or institution is situated \square a farm operation within an Agricultural District (Incl. Ag data Statement) (does not apply to area variances)
11. PUBLIC HEARING: Date: $3/24/102$ Time: $0.30 p/r$ Location: $700 rr$
Referred Action(s) If referring multiple, related actions, please identify the referring municipal board if different from above.
12. Text Adoption or Amendment Referring Board:
Comprehensive Plan Local Law Zoning Ordinance Other
13. Zone Change Referring Board:
Proposed Zone District: Number of Acres:
Purpose of the Zone Change:
14. Site Plan Droject Site Review Referring Board: CAMsterdam Planning Comm.
Proposed Improvements: Converting old Cart house into temporary clubhouse
Proposed Use: temporant clubbolle, while existing clubbouse is demoed and rebuilt
Will the proposed project require a variance? Yes No Type: Area Use
Specify:
Is a State of County DOT work permit needed? If Yes : State or County No
Specify:

15. 🗹 Special Permit	Referring Board: CAMSterdam Planning Comm
Section of local zoning code that requires a s	ecial permit for this use: Section 11 (B) 3(9)
Will the proposed project require a variance?	Yes No Type: Area Use
16. Variance	Referring Board:
Area Use	
Section(s) of local zoning code to which the	riance is being sought:
Describe how the proposed project varies from	the above code section:
	SEQR Determination
Action:	Finding:
Type I	Positive Declaration – Draft EIS
Type II	Conditional Negative Declaration
Unlisted Action	Negative Declaration
Exempt	No Finding (Type II Only)
SEQR determination made by (Lead Agen): C Amsterdam Planning Comm Date: 3/24/2021

REQUIRED MATERIAL

Send 3 copies of a "Full Statement of the Proposed Action" which includes:

All materials required by and submitted to the referring body as an application

- If submitting site plans, please submit only 1 large set of plans, and 12 11x17 packets. •
- All material may be submitted digitally as well at http://www.mcbdc.org/planning-services/montgomery-county-• planning-board-referrals/

This referral, as required by GML §239 1 and m, includes complete information, and supporting materials to assist the Montgomery County Planning Board (MCPB) in its review. Recommendations by MCPB shall be made to the Referring Body within thirty days of receipt of the Full Statement.

Name, Title & Phone Number of Person Completing this Form

CHAIR 318-866-44

3/20/2021

This side to be completed by Montgomery County Planning.

REFERRAL FORM MONTGOMERY COUNTY PLANNING BOARD

TO:	
Receipt of 2 Montgomery form on	239-m referral is acknowledged on Please be advised that the County Planning Board has reviewed the proposal stated on the opposite side of this and makes the following recommendation.
	Approves
	Approves (with Modification)
	Disapproves:
	No significant County-wide or inter-community input
	Not subject to Planning Board review
	Took no action

Section 239-m of the General Municipal Law requires that within thirty days after final action by the municipality is taken; a report of the final action shall be filed with the County Planning Board.

Date

Kenneth F. Rose, Director Montgomery County Dept. of Economic Development and Planning

Agency Use Only [If applicable]

Project: 21-08P 158 Upper Van Dyke SP

Date: 3/24/

3/24/2021

Short Environmental Assessment Form Part 2 - Impact Assessment

Part 2 is to be completed by the Lead Agency.

Answer all of the following questions in Part 2 using the information contained in Part 1 and other materials submitted by the project sponsor or otherwise available to the reviewer. When answering the questions the reviewer should be guided by the concept "Have my responses been reasonable considering the scale and context of the proposed action?"

		No, or small impact may occur	Moderate to large impact may occur
1.	Will the proposed action create a material conflict with an adopted land use plan or zoning regulations?	\checkmark	
2.	Will the proposed action result in a change in the use or intensity of use of land?	\checkmark	
3.	Will the proposed action impair the character or quality of the existing community?	\checkmark	
4.	Will the proposed action have an impact on the environmental characteristics that caused the establishment of a Critical Environmental Area (CEA)?	\checkmark	
5.	Will the proposed action result in an adverse change in the existing level of traffic or affect existing infrastructure for mass transit, biking or walkway?	\checkmark	
6.	Will the proposed action cause an increase in the use of energy and it fails to incorporate reasonably available energy conservation or renewable energy opportunities?	\checkmark	
7.	Will the proposed action impact existing: a. public / private water supplies?	\checkmark	
	b. public / private wastewater treatment utilities?	\checkmark	
8.	Will the proposed action impair the character or quality of important historic, archaeological, architectural or aesthetic resources?	\checkmark	
9.	Will the proposed action result in an adverse change to natural resources (e.g., wetlands, waterbodies, groundwater, air quality, flora and fauna)?	\checkmark	
10.	Will the proposed action result in an increase in the potential for erosion, flooding or drainage problems?	\checkmark	
11.	Will the proposed action create a hazard to environmental resources or human health?	\checkmark	

Agen	cy Use Only [If applicable]
Project:	21-08P
Date:	3/24/2021

Short Environmental Assessment Form Part 3 Determination of Significance

For every question in Part 2 that was answered "moderate to large impact may occur", or if there is a need to explain why a particular element of the proposed action may or will not result in a significant adverse environmental impact, please complete Part 3. Part 3 should, in sufficient detail, identify the impact, including any measures or design elements that have been included by the project sponsor to avoid or reduce impacts. Part 3 should also explain how the lead agency determined that the impact may or will not be significant. Each potential impact should be assessed considering its setting, probability of occurring, duration, irreversibility, geographic scope and magnitude. Also consider the potential for short-term, long-term and cumulative impacts.

Check this box if you have determined, based on the information and analysis above, and any supporting documentation,
that the proposed action may result in one or more potentially large or significant adverse impacts and an
environmental impact statement is required.

Check this box if you have determined, based on the information and analysis above, and any supporting documentation, that the proposed action will not result in any significant adverse environmental impacts.

Amsterdam Planning Commission	3/24/2021
Name of Lead Agency	Date
Paul Gavry	Chairman
Print or Type Name of Responsible Officer in Lead Agency	Title of Responsible Officer
Signature of Responsible Officer in Lead Agency	Signature of Preparer (if different from Responsible Officer)

PRINT FORM

CITY OF AMSTERDAM ENGINEERING DEPARTMENT CITY HALL, RM. 201 AMSTERDAM, NY 12010

APPLICATION FOR PERMIT DENIED:	Case # 21-08 P
Official Use Only	
This is the decision of the Zoning Officer of the City of Amsterda	m.
REFERRAL TO PLANNING COMMISSION FOR SITE PLAN R	EVIEW (P) BDIVISION of LAND
And/or OFFICIAL DECISION FOR DENYING APPLICATION FORUSE VARIANCE AREA VARIANCE USE/	OR PERMIT (Z) TEXT/MAP INTERPRETATION
LOCATION of SUBJECT PROPERTY: 158 Upper Vo	n Dyke
Subject property is in a LDN Zoning District.	SBL# 39-3-1
Proposed use or construction or installation: 10nverting parellion to country	y club
The undersigned, having examined the plans and specifications a applicant(s), makes the following findings:	nd plot or site plan submitted by the

() Prior approval of a special permit is required by the provisions of the Zoning Ordinance of the City of Amsterdam.

() Prior approval of a *Site Plan is required by the provisions of the Zoning Ordinance of the City of Amsterdam.

() Proposed use, construction or installation is in violation of Section(s) ______ of the Zoning Ordinance of the City of Amsterdam, in that

Dated: 3-12-21

ng Officer/Building Official

Copied to Engineering Aid Copied to Corporation Counsel Office

APPLICANT(S): Van Dyke Pavillion UC (Lance Orcutt Mailings to: Legal Address 5 Schuler St Amsterdam Ny 12010 Contact Phone #: 518 - 212 -5865 Dated: 3/12/2021 Email: Langebreutt @ executivegiospine, com Applicant Signature Co-Applicant Signature





CITY OF AMSTERDAM

BOARD OF APPEALS

CITY HALL 61 CHURCH ST. ZONING OFFICE CITY HALL RM. 201

AMSTERDAM, NY 12010

APPLICATION TO BOARD OF APPEALS

The under signed hereby makes application for appeal with the attached application, plans and specifications: Attention all pertinent information below shall be filled in or application will be denied.

Pg. 1 of 3

A. NATURE OF APPLICATION

Application is hereby made to the Board of Appeals for (check appropriate item):

- Prior approval of subdivision is required by the provisions of Chapter 210, Code of the City of () Amsterdam (Complete Block E)
- Approval of a Special Permit as required by the provisions of the Zoning Ordinance. (\mathbf{A}) (Complete Blocks B and E)
- Approval of a Site Plan as required by the provisions of the Zoning Ordinance. M (Complete Blocks B and E)
- ()Review of a decision of the Zoning Officer in denying a Building Permit or Certificate of Occupancy. (Complete Blocks C and E)
- () Zoning Officer request for an interpretation of the Zoning Law, Use/Text/Map. (Complete Blocks D and E)

Description of Premises Involved: Applicant shall fill in below.

The property or properties involved are identified as follows

B. IF APPLICATION IS FOR A SPECIAL USE PERMIT OR SITE PLAN APPROVAL

The applicant proposes to use the premises for the following purposes (give details)

C. IF APPLICATION IS FOR A REVIEW, OF DECISION OF THE ZONING OFFICER

- 1. The applicant requests relief from the decision of the Zoning Officer with respect to the following section(s) of Zoning Ordinance
- 2. The applicant proposes to use the premises for the following purposes (give details)
- 3. The applicant certifies that the following special circumstances apply to his or her property but do not apply generally to land or buildings in the neighborhood

* * *

APPLICATION TO BOARD OF APPEALS pg. 2 of 3

- The applicant certifies that no permissible use of his property will produce a reasonable return for the following reasons ______
- 5. The applicant certifies that the relief requested is the minimum variance which will enable reasonable use of his property for the following reasons
- 6. The applicant certifies that the proposed use will not be injurious to the character of the neighbor for the following reasons _____
- D. IF APPLICATION IS FOR AN INTERPRETATION TO THE USE/TEXT/MAP

The interpretation is as follows _

E. MAPS, PLANS OR INFORMATION SUBMITTED HEREWITH

The following are submitted herewith (list and identify accurately)___

* Applicant must fill in all information below and sign application and if the applicant is not the owner of the for-mentioned premises then the Owner must also sign application.



APPLICATION TO BOARD OF APPEALS pg. 3 of 3

OFFICE USE ONLY

Building Department:

1 copy needed

Date Received _____

Case No. _____

Is property situated in 500 feet of Montgomery County referral buffer zone?

_____ YES – Preliminary review for Montgomery County Planning Board _____ NO

City Clerk:

original needed

Date Received _____

Fee Paid _____

Zoning Board of Appeals:

Date Received _____

Fee Paid _____

Planning Commission:

Date Received _____

Fee Paid _____

Applicant:

6 copies needed

7 copies needed

1 copy



City of Amsterdam

Engineering Department



61 Church Street, Amsterdam, NY 12010

Engineering – 518-841-4331 Permits/Inspections – 518- 841-4319 Plumbing Inspector – 518- 841-4330 Fax – 518- 841-4310

Michael A. Clark, P.E., City Engineer

March 12, 2021

Van Dyke Pavilion LLC 5 Schuler Street Amsterdam, New York 12010

Re: 158 Upper Van Dyke – for a site plan approval and a special use permit to convert the municipal golf course pavilion to a county club.

Dear Applicant:

On **March 24, 2021** at **6:30 PM**, the Planning Commission will be meeting remotely via ZOOM. A link will be sent to your email inviting you to the meeting. Your presence at this hearing is necessary.

According to the City of Amsterdam Planning Commission, all property owners within 200 feet of the above property line must be notified by first-class mail, at least five days prior to the date of the hearing. A list of these property owners will be forthcoming from the Engineering Department. The Planning Board considers this your responsibility.

Enclosed is a sample Notice of Public Hearing form (which may be copied and used in your notification mailings), together with an Affidavit of Mailing, which must be signed, notarized and presented to the Planning Commission on the date of hearing or can be returned to Robin prior to the meeting.

If you have any questions concerning this matter, please feel free to call me at (518) 841-4319.

Sincerely,

Joseph Szyjkowski

Joseph Szyjkowski Housing Inspector

JS/r or



MapQuest

155 Upper Van Dyke Ave, Amsterdam, NY 12010-7526

Amsterdam | NY 12010-7526 42.963842, -74.195073

Areal view of 158 Upper Van Dyke







Google Maps Upper Van Dyke Ave



Map data ©2021 100 ft 🗉



Upper Van Dyke Ave

Amsterdam, NY 12010



Photos



Short Environmental Assessment Form Part 1 - Project Information

Instructions for Completing

Part 1 – Project Information. The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

	No
club house are being subdivid villion current has a Certificate	ded from the City parcel and sold a of Occupancy issued by the
Telephone: 518-212-	5865
E Maile 1	
E-IVIAII. Ianceorcuit@	executivegroupinc.com
State: NY	Zip Code: 12010
local law, ordinance,	NO YES
he environmental resources question 2.	s that
other government Agency'	? NO YES
0.80 acres 0 acres 1.54 acres	
1;	and a second
ercial 🗹 Residential (sul	burban)
Specify):	
r	
	Club house are being subdivivillion current has a Certificate Telephone: 518-212- E-Mail: lanceorcutt@ State: NY local law, ordinance, he environmental resource uestion 2. other government Agency 0.80 acres 0 acres 1.54 acres n: ercial I Residential (su Specify):

Page 1 of 3

SEAF 2019

5. Is the proposed action,	NO	YES	N/A
a. A permitted use under the zoning regulations?			
b. Consistent with the adopted comprehensive plan?			
5. Is the proposed action consistent with the predominant character of the existing built or natural landscape	?	NO	YES
. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area?		NO	YES
	n.a.10000051.01	V	
a. Will the proposed action result in a substantial increase in traffic above present levels?		NO	YES
b. Are public transportation services available at or near the site of the proposed action?			
c. Are any pedestrian accommodations or bicycle routes available on or near the site of the proposed action?			
. Does the proposed action meet or exceed the state energy code requirements?		NO	YES
the proposed action will exceed requirements, describe design features and technologies:			2
0. Will the proposed action connect to an existing public/private water supply?		NO	YES
If No, describe method for providing potable water:			2
1. Will the proposed action connect to existing wastewater utilities?		NO	YES
If No, describe method for providing wastewater treatment:			~
2. a. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or distric hich is listed on the National or State Register of Historic Places, or that has been determined by the commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the	t	NO	YES
 b. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for chaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? 			
a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency?		NO	YES
b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody?			
Yes, identify the wetland or waterbody and extent of alterations in square feet or acres:			Increal

14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply:		
Shoreline 🖉 Forest 🗹 Agricultural/grasslands 🗹 Early mid-successional		
Wetland 🔲 Urban 🗹 Suburban		
15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or	NO	VE
Federal government as threatened or endangered?		
	V	
16. Is the project site located in the 100-year flood plan?	NO	YE
	V	
	NO	VE
17. Will the proposed action create storm water discharge, either from point or non-point sources?		
11 1 65,	L	
a. Will storm water discharges flow to adjacent properties?		V
b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)?		T
If Yes, briefly describe:		
8. Does the proposed action include construction or other activities that would result in the impoundment of water or other liquids (e.g., retention pond, waste lagoon, dam)? f Yes, explain the purpose and size of the impoundment:	NO	YES
.9. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility? f Yes, describe:	NO	YES
	NO	YES
0. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or		
0. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or ompleted) for hazardous waste?		
0.Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or ompleted) for hazardous waste? Yes, describe:		
0.Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or ompleted) for hazardous waste? f Yes, describe:		
0.Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or ompleted) for hazardous waste? f Yes, describe: I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BE MY KNOWLEDGE	ST OF	
0.Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or ompleted) for hazardous waste? f Yes, describe: I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BE MY KNOWLEDGE Applicant/sponsor/name. VanDyke Pavillion, LLC Date: March 15, 2021	ST OF	
0.Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or ompleted) for hazardous waste? f Yes, describe: I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BE MY KNOWLEDGE Applicant/sponsor/name. VanDyke Pavillion, LLC Date: March 15, 2021 Signature: Title: Pros. Jan.	ST OF	











COMMON COUNCIL MEETING February 16, 2021 6:00pm

ORDINANCE A OF 2021 (to be known as Ordinance 1 of 2021 if adopted)

AN ORDINANCE AUTHORIZING THE SALE OF A PORTION OF 158 UPPER VAN DYKE AVENUE TO VAN DYKE PAVILION, LLC.

BY: MAYOR CINQUANTI

Part 1: Legislative Intent: The instant transaction being authorized pursuant to Section C-133(B)(2) of the Amsterdam City Charter providing that "the Common Council by a majority vote plus one shall determine that the best interests of the community would be served by a private sale of a particular parcel which sale would enhance and further the economic well being of the community, then such property may be sold at private sale for a proper and fair consideration". The City is desirous to sell a portion of 158 Upper Van Dyke Avenue, as more specifically set forth in in the annexed contract, to Van Dyke Pavilion, LLC. In determining the proper and fair consideration, the Common Council has taken into consideration the surviving warranties and covenants in the contract that provide for the enhancement and economic well-being of the Amsterdam Municipal Golf Course.

Part 2: Enactment – BE IT ENACTED BY THE CITY OF AMSTERDAM that the sale of a portion of 158 Upper Van Dyke Avenue, known as the pavilion site at the Amsterdam Municipal Golf Course, as more specifically set forth in the annexed contract, is hereby authorized and Mayor Michael Cinquanti is authorized to execute all necessary documents to effectuate the instant transaction.

Part 3: Effectiveness: Following a public hearing and upon ratification by the Common Council by a vote of a majority plus one, the instant Ordinance shall take effect pursuant to Section C-33 of the Charter.

ORDINANCE ADOPTED. Alderman S. Gomula voted Nay.

Common Council								
City of Amsterdam, NY								
	Ауе	Nay						
Alderman Russo	V							
Alderman D. Gomula	Ń							
Alderwoman Collins	V							
Alderman S. Gomula		1						
Alderman Martuscello	V		all	1.	11	1	8)	
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			MI	CHAEI	CING	UANTI	I, MAY	UR
		DATE	ED:	FLO1	Vary	17		, 202

This is to certify that I, Stefanie Lenkowicz City Clerk of the City of Amsterdam, County of Montgomery, State of New York, that the above is the original Ordinance, passed by the City of Amsterdam Common Council on February 16, 2021 a majority of all members elected to the Council voting in favor.

I have set my hand and the official seal of the City of Amsterdam this 17th day of February 2021

CITY SEAL Received & Filed in the Office of the City Clerk: 2-17-2

CITYCLE Received hy

AGREEMENT FOR PURCHASE AND SALE OF REAL ESTATE

THIS AGREEMENT dated as of February _____, 2021, by and between THE CITY OF AMSTERDAM, having an address of 61 Church Street, Amsterdam, New York 12010 (the "Seller") and VAN DYKE CLUBHOUSE, LLC, a New York corporation, doing business under the assumed name of the Executive Group, maintaining offices at 5 Shuler Street, Amsterdam, New York 12010 ("Purchaser").

[Purchaser and Seller are sometimes individually referred to herein as the "Party" or collectively as the "Partles".]

Seller and Purchaser hereby covenant and agree as follows:

ARTICLE I SALE OF PREMISES

SECTION 1.01. Seller shall sell to Purchaser, and Purchaser shall purchase from Seller, at the price and upon the terms and conditions set forth in this Agreement:

- (A) a portion of the Amsterdam Municipal Golf Course (the "Golf Course"). located in the City of Amsterdam, County of Montgomery and State of New York, commonly known as 158 Upper Van Dyke Avenue, (the "Land"), being a portion of the parcel identified on the County of Montgomery Tax Maps as parcel 39-3-1.2, more particularly described on the map attached hereto as Schedule 1.01(A), The Parties agree and acknowledge that the attached map may vary based upon the title searching, surveys and municipal approvals, however, the Parties shall use all commercially reasonable efforts to substantially comply with the description of the Premises set forth on the attached map, to the extent possible; and
- (B) including one (1) wood structure building, situated on the Land (the "Building"); and
- (C) as it pertains to the Land, all right, title and interest of Seller, if any, in and to:
 - (i) the land lying in the bed of any street or highway in front of or adjoining the Land to the center line thereof:
 - (ii) easements, rights of way, road access, licenses, access agreements or other such rights benefitting the Land; and
 - (iii) any shared or cross parking agreements or easements or other such rights benefitting the Land.

The hereditaments and appurtenances and all the estate and rights of Seller in and to the Land, Building and (C), above (collectively, the "Premises").

ARTICLE II PURCHASE PRICE AND ACCEPTABLE FUNDS

SECTION 2.01. The purchase price (the "Purchase Price") to be paid by Purchaser to Seller for the Premises is the sum of Ten Thousand and 00/100 Dollars (\$10,000.00) payable as follows:

- (A) One Thousand and 00/100 Dollars (\$1,000.00) upon execution of this Agreement by all the Parties hereto, (the "Earnest Money Deposit"), receipt of which is, with Seller's execution of this Agreement, hereby acknowledged; and
- (B) Purchase proceeds in the sum of Nine Thousand and 00/100 Dollars (\$9,000.00), less any additional or other deposits paid pursuant to this Agreement, to be paid at Closing.
- SECTION 2.02. All monies payable under of this Agreement shall be paid via wire, except that, if necessary, bank checks written on a bank acceptable to Seller.

ARTICLE III THE CLOSING

SECTION 3.01. The closing of title pursuant to this Agreement (the "Closing") is estimated to occur May 1, 2021, unless the Parties agree to close sooner. The actual date of the Closing shall be sixty (60) days following the satisfaction or waiver of the Purchaser's Conditions of Sale, as such term is defined in <u>Section 5.01</u>, herein. At the election of Purchaser, the Closing shall occur by escrow, administered by the Title Company, pursuant to escrow instructions that are consistent with this Agreement, otherwise, the Closing is to take place at the office of Purchaser's attorney, or if a lender is involved in this transaction, at the office of Purchaser's lender's attorney. Notwithstanding the foregoing language in this <u>Section 3.01</u>. Parties agree that the Closing Date shall be within ten (10) business days o the Closing of the IDA Loan, as such term is defined in <u>Section 5.01(B)(i)</u>.

ARTICLE IV

REPRESENTATIONS AND WARRANTIES OF SELLER AND PURCHASER

Seller represents and warrants to Purchaser that all of the following shall survive the Closing:

SECTION 4.01. Seller's Indefeasible Title. Seller is the sole owner of the Premises, and the title thereto is indefeasible and free and clear of all third-party interests. No other person or entity has any right to acquire all or any portion of the Premises or any right or estate in and to the Premises.

SECTION 4.02. Encumbrances. The Premises are not encumbered by any encumbrance or lien of any kind.

SECTION 4.03. Seller's Authority. Seller is a municipal corporation under the laws of the State of New York. Seller has the full right and authority to enter into this Agreement and to transfer the Premises and to consummate or cause to be consummated the transaction contemplated by this Agreement, and all requisite action necessary to authorize Seller to enter into this Agreement and to carry out its obligations hereunder have been or will be taken prior to Closing. The individual signing this Agreement on behalf of Seller is authorized to do so.

SECTION 4.04. Options and Rights of First Refusal. There are no options to lease, options to purchase or rights or first refusal in effect with regard to the Premises or any part of the Golf Course. No other person or entity has any right to acquire any portion of the Premises or any right or estate in and to the Premises.

SECTION 4.05. Existing Violations. To the best of Seller's knowledge, the Premises and the present use and condition thereof do not violate any applicable deed restrictions or other covenants, restrictions, easements, agreements, zoning, environmental, subdivision or code regulations applicable to the Premises.

SECTION 4.06. Actions and Claims Pending. To the best of Seller's knowledge, there is no suit, litigation, action (legal or otherwise) or proceeding or pending against or relating to Seller (with respect to the Premises), the Premises or the transaction contemplated by this Agreement nor, to the best of Seller's knowledge, is there any basis for such action. If any investigation, lawsuit or proceeding is commenced after the date of the execution and delivery of this Agreement and prior to the Closing with respect to the Premises for any matter not attributable to Purchaser's acts, Seller agrees to indemnify, defend and hold Purchaser harmless from and against any and all liability with respect to such matters, which obligation shall survive the Closing.

SECTION 4.07. Utility Services. (i) All water, sewer, gas, electricity, telephone and other utilities (the "Utilities") serving the Premises are supplied directly to the Premises by facilities of public utilities; (ii) the cost of installation of such Utilities has been fully paid; (iii) there are no solar power agreements or other alternative utility contracts which will continue in effect after the Closing; and (iv) on the Closing Date, any and all outstanding Utility bills and invoices will be paid in full.

SECTION 4.08. Service Contracts. There are no service contracts including, management or maintenance contracts with respect to the Premises, which will continue in effect after the Closing.

SECTION 4.09. Tenancies. On the Closing Date, no person or entity, lessees, sublessees, assignees, concessionaires or

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licensees or tenants, with or without leases or agreements of any sort, will have any right to occupy or use any portion of the space in the Premises. There are no options to lease, or rights or first refusal in effect with regard to leasing of the Premises or any part of the Premises.

SECTION 4.10. Third Party Consents to Sell. The execution, delivery and performance of this Agreement will not contravene any law, governmental rule, regulation or order binding on Seller.

SECTION 4.11. Continued Maintenance of Premises. Prior to Closing, Seller shall continue to maintain the Premises in the same manner that Seller has heretofore maintained the Premises.

SECTION 4.12. Hazardous Substances. Seller has no knowledge of any Hazardous Materials attributable to or affecting the Premises or the Building. To the best of Seller's knowledge, no prior use, either by Seller or prior owners of the Premises, has occurred which violates any environmental law. The Premises is not subject to any pending or, to the best of Seller's knowledge, threatened investigation, inquiry or remedial obligation under any environmental laws, and this representation would continue to be true and correct following disclosure to any applicable governmental authority of all relevant facts, conditions and circumstances pertaining to the Premises. Seller is not required to obtain any permits, licenses or authorizations to construct, occupy, operate or use any portion of the Premises by reason of any environmental law. To the best of Seller's knowledge, there are no underground or buried oil, fuel or other tanks on the Premises. Except as is to be provided to Purchaser under <u>Section 5.03</u> herein, Seller has no inspection, soil or environmental reports regarding the Premises.

SECTION 4.13. Seller's Knowledge. As used herein, "Seller's Knowledge" shall mean actual, constructive or imputed, or knowledge which can be, or should have become known through the exercise of reasonable diligence, of the fact or matter in question, of any shareholder, director, officer, employee, agent or representative of Seller.

SECTION 4.20. Survival Clause. Except as otherwise provided in this Agreement, the representations, warranties, covenants or other obligations of Seller set forth in this <u>Article IV</u> shall survive the Closing.

ARTICLE V CONDITIONS TO SALE AND DUE DILIGENCE

SECTION 5.01. Purchaser's Conditions of Sale. The Agreement is also contingent upon the following conditions (collectively, the "Purchaser's Conditions of Sale"):

- (A) Project Approvals Contingency. Purchaser obtaining, at Purchaser's Project Approvals, as such term is defined in <u>Section 5.05</u> (the "Project Approvals Contingency").
- Financing Contingency, Purchaser intends to seek financial benefits in the form of: (i) a loan in the amount **(B)** of Seven Hundred Fifty Thousand Dollars (\$750,000.00), from the County of Montgomery IDA ("MIDA") and/or The Mohawk Valley Economic Development District, Inc.(collectively, the "IDA Loan"), and (ii) a PILOT Agreement from MIDA, (the "PILOT") on the terms set forth on the Schedule of PILOT Payments, attached hereto as Schedule 5.01 (C); and (iii) a sales and use tax exemption for use in connection with the renovation, construction and fit-up of the Building from MIDA (the "Sales Tax Exemption"), This Sale Tax Exemption will apply to New York State and local sales and use taxes imposed on materials and supplies purchased or used in New York State in connection with the construction of the Building, equipment constituting a part of the project, and purchases or rentals of supplies, tools, equipment, or services necessary to acquire, construct, reconstruct or install the Clubhouse and Pavilion buildings and facilities. The benefits set forth in subsections (i), (ii) and (iii) of this Section 5.01(C) are referred to, collectively, as the "Financing". Except as otherwise set forth in this Section 5.01(C), this Agreement shall be conditioned upon the Purchaser obtaining the IDA Loan, PILOT, and Sales Tax Exemption on terms acceptable to Purchaser (the "Financing Contingency"). Purchaser will submit its application for the IDA Loan within ten (10) business days of ratification by the City of Amsterdam Common Counsel of the resolution approving this Agreement.

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(C) Reciprocal Parking and Access Easement Contingency. Purchaser will also require that the Parties negotiate and agree to reciprocal access and parking easement rights over areas of the Golf Course and the Premises (the "Reciprocal Parking and Access Easement").

SECTION 5.02. Seller's Conditions of Sale. The Agreement is also contingent upon Purchaser providing Seller with reasonable proof of Purchaser's ability to finance up to One Million Five Hundred Dollars (\$1,500,000.00) of the Project, prior to Closing. This may be accomplished in the form of a Letter of Credit. (the "Seller's Conditions of Sale").

- 5.02.1. Provisos to Conditions of Sale. The following provisions shall apply the Conditions of Sale:
 - 5.02.1.1. Purchaser's Conditions of Sale and the Seller's Conditions of Sale shall sometimes be referred to in this Agreement, collectively, as the "Conditions of Sale".
 - 5.02.1.2. The Parties agrees to cooperate with one another in its completion and satisfaction of the Conditions of Sale and, upon any reasonable request of either Party, the other Party shall provide any documents, consents, authorizations, approvals, information, etc., in all instances, in a commercially reasonable manner and within a commercially reasonable time frame.

SECTION 5.03. Within ten (10) days after Seller's acceptance and execution of this Agreement, Seller shall furnish to Purchaser a copy of the following items, which may be in Seller's possession, pertaining to or affecting the Premises (collectively, the "Items To Be Furnished By Seller"):

- (i) any and all environmental reports and/or documentation;
- (ii) any existing surveys, maps, and site plans;
- (iii) any title commitments and/or polices, abstracts of title or search notes;
- (iv) any Certificate(s) of Occupancy, Certificate(s) of Compliance, Zoning Compliance Letter(s) or other similar of equivalent such documents or certificates or permits; and
- (v) any covenants, restrictions, rules, regulations or other similar type agreements related to the Premises and any adjoining portions of the Golf Course.
- 5.03.1. <u>Seller Certification</u>. In the event that Seller is not in possession of any of the Items To Be Furnished By Seller, or in the event that no such item exists, then Seller shall provide, in the alternative, a written statement, certified by Seller, indicating so for each such Item (the "Seller's Certification").
- 5.03.2. <u>Third Party Possession of Items</u>. In the event that the Items To Be Furnished By Seller are in the possession of a third party with which Seller has a current or prior contractual relationship and which shall be obligated to provide said items upon request or direction from Seller, then Seller agrees to make a request or direction to such third party to produce the said Items To Be Furnished By Seller.
- 5.03.3. <u>Purchaser's Reliance Upon Items</u>. Seller hereby represents, certifies and warrants to Purchaser that the Items Furnished by Seller are substantially complete and accurate and that there are no other or additional documents for the items listed that are known to be in Seller's possession. Seller hereby acknowledges that Purchaser is relying on Seller's representations and warranties herein and the accuracy and completeness of the Items Furnished by Seller in conducting and assessing the Purchaser's Due Diligence and agreeing to purchase the Premises.
- 5.03.4. <u>Effective Date</u>. For the purpose of this Agreement, the "*Effective Date*" shall mean the later of: (i) the date that Purchaser's attorney receives at least one (1) fully executed original of this Agreement; and (ii) the date that all of known available Items To Be Furnished By Seller have been provided to Purchaser's attorney, together with Seller's Certification that no additional Items exist. Purchaser's attorney shall notify Seller's attorney, in writing, when all the known available Items To Be Furnished By Seller are received and such notification shall establish and state the Effective Date.

SECTION 5.04, Purchaser's Access. During the term of this Agreement, Purchaser and its designees shall have the right

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to enter upon the Premises ("Access"), for the purpose of inspecting and making surveys and studies of the same, conducting test borings and other surface and subsurface soil tests, and conducting architectural, engineering and environmental tests, plans and studies, surveys, asbestos inspections, and any other investigations, inspections, tests or studies (collectively, the "Inspections") related to Purchaser's evaluation and development of the Premises, as Purchaser, in its sole discretion, deems necessary or advisable. Purchaser shall not permit any liens or encumbrances to arise against the Premises in connection with or as a result of Purchaser's Inspections.

SECTION 5.05. Purchaser's Project Approvals. During the Contingency Period, Purchaser shall prepare plans and specifications for Purchaser's intended use and development of the Premises and may apply to all governmental, municipal and quasi-municipal authorities having jurisdiction over the Premises and all permits, licenses and approvals which shall be required for the design, development, construction, maintenance, use and operation of the Premises, including, without limitation, site plan approvals, subdivision approvals, special use permits and/or variances and all approvals needed for access to and egress from the Premises to adjacent public roadways, liquor license applications (each, a "Project Approval" and, collectively, the "Project Approvals").

SECTION 5.06. Right of Termination.

- 5.06.1. <u>Contingency Periods</u>. In the event that the Purchaser's Conditions of Sale have not been satisfied on or before the period ending three (3) months after the Effective Date (the "Contingency Period"), then, Purchaser shall have the right to terminate this Agreement if Purchaser, in its sole and absolute discretion.
- 5.06.2. <u>Extended Contingency Periods</u>. Notwithstanding the foregoing, if Purchaser has been unable to satisfy any of the Conditions of Sale, to Purchaser's satisfaction, then Purchaser may extend the Contingency Period two (2) additional times, by thirty (30) days each time (each, an "*Extended Contingency Period*").
- 5.06.3 Upon termination by either Party, this Agreement shall automatically and immediately terminate without further liability on the part of Purchaser or Seller and without any other action being required of Purchaser or Seller, whereupon the Deposit shall be immediately returned to Purchaser.

ARTICLE VI COVENANTS OF SELLER AND PURCHASER

SECTION 6.01. Seller Covenants. Seller covenants that between the date of this Agreement and the Closing:

- 6.01.1. Seller shall not encumber the Premises in any manner, including, but not limited to, the grant of any mortgage, easement, license or other rights in and to the Premises or enter into any new lease, or other occupancy agreement without the prior written consent of the Purchaser in each instance.
- 6.01.2. Seller shall terminate all service or maintenance Agreements as of the Closing.
- 6.01.3. Seller shall not enter into any leases, or allow any tenancies, or any other rental agreements with respect to the Premises or allow occupancy or use of any portion of the Premises under any license or other agreement without the express, written consent of Purchaser, which consent shall not be unreasonably withheld or delayed.

SECTION 6.02. Purchaser Covenants. Purchaser covenants that following the Closing, the Premises shall operate as a clubhouse, restaurant, bar and banquet facility for both the use of the Golf Course and for public use. This covenant from Purchaser shall survive the Closing and transfer of title.

ARTICLE VII CLOSING AND POST CLOSING OBLIGATIONS

At the Closing, Seller shall deliver the following to Purchaser:

SECTION 7.01. A statutory form warranty deed, including the covenant required by Section 13 of the Lien Law, properly executed and in proper form for recording so as to convey the title required by this Agreement, subject to a reverter clause applied in the event of Purchaser's failure to complete the Project, as such term is defined in <u>Section 7.08</u> below. The terms and conditions of the reverter clause shall be worked out between the Parties during the Contingency Period.

SECTION 7.02. INTENTIONALLY OMITTED.

SECTION 7.03. Such affidavits as Purchaser's title company, as such term is defined in <u>Section 10.01</u>, shall reasonably require in order to omit from its title policy all exceptions for judgments, bankruptcies or other returns against persons or entities whose names are the same as or similar to Seller's name.

SECTION 7.04. Any and all appropriate forms, customarily required from or provided by a Seller of commercial property in Montgomery County, New York.

SECTION 7.05. Exclusive possession of the Premises, free and clear of any and all tenancies.

SECTION 7.06. Any other documents required by this Agreement to be delivered by Seller, including but not limited to the Reciprocal Parking and Access Easement Agreements and a Right of First Refusal Agreement.

SECTION 7.07. Any documents or affidavits customarily required by a purchaser, the Purchaser's Title Company, Purchaser's Lender and/or required to effectuate Purchaser's Financing.

Following the Closing Purchaser shall be obligated as follows:

SECTION 7.08. Following the Closing, Purchaser shall proceed with completion of the following improvements to the Premises (the "Project Improvements") in the following time frame:

- 7.08.1. <u>Demolition of existing Clubhouse</u>. The existing Clubhouse shall be demolished within three (3) months of the Closing; and
- 7.08.2. <u>Construction of New Clubhouse</u>. Purchaser shall complete the construction of the new Clubhouse on the Premises by May 1, 2022.

ARTICLE VIII RIGHT OF FIRST REFUSAL

SECTION 8.01. Seller shall convey to Purchaser a Right of First Refusal on the sale of the Golf Course. Purchaser shall convey to Seller a Right of First Refusal on the sale of the Premises. The terms and conditions of both of the Rights of First Refusal shall substantial conformance with the Schedule of ROFR Document attached as <u>Schedule 8.01</u>.

ARTICLE IX - INTENTIONALLY OMITTED

ARTICLE X OBJECTION TO TITLE, FAILURE OF SELLER OR PURCHASER TO PERFORM

SECTION 10.01. Title to the Premises to be conveyed by Seller pursuant to this Agreement shall be good and marketable fee simple title, insurable at regular rates in accordance with industry standards, by a title company of Purchaser's choosing (the "*Title Company*") and shall be conveyed by Seller to Purchaser free and clear of all liens and encumbrances, except for the Permitted Exception and as otherwise set forth herein.

SECTION 10.02. Purchaser shall, at its own expense, arrange for a title search of the Premises (the "Commitment") covering the Premises and committing the Title Company to issue to Purchaser, upon the recording of the deed, an ALTA fee title insurance policy in an amount no less than the full Purchase Price, showing good and marketable title in Seller.

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SECTION 10.03. During the Contingency Period, Purchaser shall identify any issues with or any objections to title (the "*Thie Defects*"). Purchaser shall notify Seller of any Title Defects (the "*Notice of Title Defects*"). Thereafter, Seller shall use its best efforts to cure the Title Defects. Seller shall advise Purchaser in writing within ten (10) days of receipt of the Notice of Title Defects as to whether it already has or whether it reasonably believes that it can cure the Title Defects.

SECTION 10.04. If Seller, after using its best efforts to cure Title Defects, (i) notifies Purchaser that it does not reasonably believe that it can cure the Title Defects, or (ii) fails to respond to the Notice of Title Defects within the time period provided in <u>Section 10.03</u>, or (iii) is unable to cure the Title Defects within thirty (30) days of Seller's receipt of the Notice of Title Defects, then Purchaser shall have the option to either (a) waive its objection to the Title Defects or (b) terminate this Agreement. If Purchaser so terminates, Purchaser shall receive a full refund of all of the Deposit, and upon such refund, this Agreement shall be null and void and the Parties hereto shall be relieved of all further obligations and liability. In the event that Seller fails or refuses to refund the Deposit to Purchaser as required herein, then this Agreement shall serve as a lien on the Premises, in favor of Purchaser, for the amount of the Deposit due.

SECTION 10.05. Notwithstanding anything to the contrary set forth in <u>Section 10.03</u> and <u>Section 10.04</u>, Seller shall (a) be required to discharge mortgages, judgments, tax liens and other liens which are dischargeable by the payment of a sum certain at Closing, and (b) be responsible for curing any Title Defect which arises between the Seller's execution of this Agreement and the Closing; and (c) in all instances, use its best efforts to cure any default.

ARTICLE XI REPRESENTION CONCERNING BROKER

SECTION 11.01. The Parties each represent and warrant to the other Party that neither has dealt with any other broker in connection with this Agreement or the transaction contemplated hereby.

ARTICLE XII NOTICES

SECTION 12.01. All notices under this Agreement shall be in writing and shall be delivered as follows:

If to Seller:	City of Amsterdam	
	61 Church Street	
	Amsterdem New York 12010	
	Email: meinquanti@amsterdamuv.gov.com	
	Sinter Montpatrices and Statistics	
With a copy to:	Anthony Casale, Esq.	
	29 West Fulton Street.	
	Gloversville, New York 12010	
	Email: casalelawfirm@gmail.com	
If to Purchaser:	Van Dyke Clubhouse, LLC	
	Attn: Lance Orcutt	
	5 Shuler Street	
	Amsterdam, New York 12010	
	Email: lanceorcutt@executivegroupinc.com	
With a copy to:	Paul V. Sciocchetti, Esg.	
1,	Sciocchetti Abbott Taber, PLLC	
	800 Troy Schenectady Road	
	Latham, New York 12110	
	Email: pys1@pyslaw.com	

Provided, however, that any Party may, from time to time, give notice to the other Parties of some other address to which notices to such Party shall be sent, in which event notices to such Party shall be sent to such address. Notice shall be deemed to be effectively given hereunder when (i) personally delivered or (ii) sent by electronic mail to the above address, with proof of transmission, or (iii) deposited in the United States Mail, postage prepaid, certified, return receipt requested, and addressed as above specified.

ARTICLE XIII MISCELLANEOUS PROVISIONS

SECTION 13.01. The representations, warranties, covenants or other obligations of the Parties set forth in this Agreement shall survive the Closing and transfer of title.

SECTION 13.02. This Agreement embodies and constitutes the entire understanding between the Parties with respect to the transaction contemplated herein, and all prior agreements, understandings, representations and statements, oral or written, are merged into this Agreement. Neither this Agreement nor any provision hereof may be waived, modified, amended, discharged or terminated except by an instrument signed by the party against whom the enforcement of such waiver, modification, amendment, discharge or termination is sought, and then only to the extent set forth in such instrument.

SECTION 13.03. No waiver by either Party hereto of any failure or refusal by the other Party hereto to comply with its obligations hereunder shall be deemed a waiver of any other or subsequent failure or refusal by such Party to so comply.

SECTION 13.04. This Agreement shall be governed by, and construed in accordance with, the laws of the State of New York. The Parties consent to the jurisdiction and forum of the courts of the State of New York.

SECTION 13.05. INTENTIONALLY OMITTED.

SECTION 13.06. This Agreement shall be binding upon and shall inure to the benefit of the Parties hereto and their respective heirs or successors and permitted assigns.

SECTION 13.07. This Agreement shall not be binding or effective until properly executed by both Parties with the Earnest Money Deposit delivered by Purchaser to Seller.

SECTION 13.08. As used in this Agreement, the masculine shall include the feminine and neuter, the singular shall include the plural and the plural shall include the singular, as the context may require.

SECTION 13.09. INTENTIONALLY OMITTED.

SECTION 13.10. This Agreement may be executed in several counterparts, each of which shall be an original and all of which shall constitute but one and the same instrument. The Parties may exchange by PDF or e-mail counterparts of the signature pages, which shall be effective as original signature pages.

SECTION 13.11. If any legal or equitable action or other proceeding is brought by either Party for the enforcement of this Agreement, or because of an alleged dispute, breach or default in connection with any provisions of this Agreement, the Parties expressly agree to the equitable remedy of injunctive relief and/or specific performance against the other on account of the breach or threatened breach of this Agreement by either party, in addition to any other remedies which may be available at law or in equity. The prevailing Party shall be entitled to recover reasonable attorney's fees and other costs incurred in such action or proceeding in additional to any other relief to which he or it may be entitled.

SECTION 13.12. The Parties expressly agree and state that each Party hereto read and reviewed and edited and/or codrafted or had opportunity to edit and/or co-draft this Agreement prior to execution hereof. As such, the Parties expressly agree that in any situation in which a problem involving ambiguity, interpretation or construction arises with regard to the terms, meaning or intent of this Agreement, a Court or arbitrator is not to construe or interpret this Agreement against the draftsman.

[SIGNATURE PAGE TO FOLLOW]

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[SIGNATURE PAGE OF AGREEMENT FOR PURCHASE AND SALE OF CLUBHOUSE]

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement on the day and year set forth by each Party below.

SELLER:

PURCHASER:

CITY OF AMSTERDAM

VAN DYKE CLUBHOUSE, LLC

By: Michael Cinquanti Title: Mayor Date signed: February ____, 2021 By: Lance Orcutt Title: member Date signed: February, 2021

ATTACHED SCHEDULES:

- Schedule 1.01(A) Schedule of Property Documents
- Schedule 5.01 (C) Schedule of PILOT Payments
- Schedule 8.01 Schedule of ROFR Documents





REFERRAL FORM Referral Number
assigned by the MCPB upon acceptance of referal for review
This Referral must be received SEVEN CALENDAR DAYS prior to the MCPB meeting date in order f r it to be placed on the agenda.
TO: Montgomery County Planning Board, Old County Courthouse, PO Box 1500, Fonda, New York 12068 Phone: 518-853-8336 Fax: 518-853-8336
1. Applicant: Barreno Solar 2. Site Address: 21,21 STATE Huy 55 Falmonville, NYRO
3. Tax Map Number(s): $53 \cdot 3 - 1 - 1 \cdot 3$ 4. Acres:
5. Is the site currently serviced by public water? 🗌 Yes 🛛 🕅 No
6. On-site waste water treatment is currently provided by: 🔲 Public Sewer or 🗌 Septic System
7. Current Zoning: Lugal / Residential 8. Current Land Use: Vacant Again truck
9. Project Description: LARGE SCALE SOLAR ABBRY NICH ASSAULTED EQUILEMENT
5 MW AC SUSTEM With 12, 583 & PANELS Mounted ON SISTEM STEEL ROPES
TOTAL ASEN 47. D ACRES & WITH 19.17 GERES TENGED FOR Solar PRRHY
10. MCPB Jurisdiction:
Text Adoption or Amendment Site is located within 500' of:
a municipal boundary. (Specify by Name) (Specify by Name) (All a State or County thruway/highway/roadway
That an existing or proposed County-owned stream or drainage channel
a State or County-owned parcel on which a public building or institution is situated
a farm operation within an Agricultural District (Incl. Ag data Statement) (does not apply to area variances)
11. PUBLIC HEARING: Date: APRI 15.2021 Time: 6:45 PM Location: T FRIF STREET
Referred Action(s) If referring multiple, related actions, please identify the referring municipal board if different from above.
12. Text Adoption or . Amendment Referring Board:
Comprehensive Plan Local Law Zoning Ordinance Other
13. Zone Change Referring Board:
Proposed Zone District: Number of Acres:
Purpose of the Zone Change:
14. Site Plan Project Site Review Referring Board
Proposed Improvements:
Proposed Use:
Will the proposed project require a variance? Yes No Type: Area PLISE
Specify: Specified USG Permit
Is a State of County DOT work permit needed? If Yes : State or County I No

15. 🖾 Special Permit	Re	ferring Board:		
Section of local zoning code that requires a spe	cial permit for th	is use: Rusal Ro	SIDENTIAL ARTICE T	TT Same lil
Will the proposed project require a variance?	Yes	No No	Type: Area	
16. Variance	Re	ferring Board:		
Area 🗌 Use				
Section(s) of local zoning code to which the var	iance is being so	ught:		
Describe how the proposed project varies from	the above code s	ection:		
	·			
	SEQR Deter	nination		
Action:	Finding: (URRENTLY) N	6 DETERMINIPTION	···

Action		Finding: (CARFIENTLY) No DETERMINIPTION
	Type I	Positive Declaration – Draft EIS
Check		Conditional Negative Declaration
One	Unlisted Action	Negative Declaration
	Exempt	🔲 No Finding (Type II Only)
SEQR def	termination made by (Lead Age	ncy): JOWN OF GIEN PLANNING Bd Date:
L		

REQUIRED MATERIAL

Send 13 copies of a "Full Statement of the Proposed Action" which includes:

All materials required by and submitted to the referring body as an application

- If submitting site plans, please submit only 1 large set of plans, and 12 11x17 packets. 0
- All material may be submitted digitally as well at http://www.mcbdc.org/planning-services/montgomery-county-9 planning-board-referrals/

This referral, as required by GML §239 1 and m, includes complete information, and supporting materials to assist the Montgomery County Planning Board (MCPB) in its review. Recommendations by MCPB shall be made to the Referring Body within thirty days of receipt of the Full Statement.

Name, Title & Phone Number of Person Completing this Form

Transmittal Date

This side to be completed by Montgomery County Planning.

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REFERRAL FORM MONTGOMERY COUNTY PLANNING BOARD

TO: _____

Receipt of 239-m referral is acknowledged on ______. Please be advised that the Montgomery County Planning Board has reviewed the proposal stated on the opposite side of this form on ______ and makes the following recommendation.

Approves
Approves (with Modification)
Disapproves:
No significant County-wide or inter-community input
Not subject to Planning Board review

Section 239-m of the General Municipal Law requires that within thirty days after final action by the municipality is taken; a report of the final action shall be filed with the County Planning Board.

Date

 \Box

Took no action

Kenneth F. Rose, Director Montgomery County Dept. of Economic Development and Planning

SITE USE PERMIT SET

2621 STATE HIGHWAY 5S, FULTONVILLE, NY, 12072 5000 KWAC STC RATED SOLAR ELECTRIC SYSTEM

GENERAL NOTES PROJECT SCOPE LOCATION MAP DRAWING LIST THIS PROJECT CONSISTS OF THE INSTALLATION OF SOLAR MODULES PER THE SYSTEM DESCRIPTION, BELOW. THE MODULES WILL BE INSTALLED ON A GROUND MOUNTED RACKING SYSTEM, THE 1. AS CONTAINED HEREIN, "CONTRACTOR" IS ASSUMED TO BE THE EPC PROMOER HIRED BY (ghway 5 5 THE SYSTEM/PROJECT OWNER. T--1 2. WHEN THERE IS A CONFLICT BETWEEN THESE GENERAL NOTES AND THE DRAWNIGS. THE MODULES WILL BE WIRED IN SERVES STRINGS AND CONNECTED IN PARALLEL TO THE INVERTER(S). RAWINGS SHALL GOVERN. WHICH CONVERT THE PHOTOMOLTAIC OUTPUT POWER FROM DC TO AC. THE SOLAR ELECTRIC SYSTEM CML ALL WORK SHALL CONFORM TO THE MANMUM STANDARDS OF THE FOLLOWING; LOCAL BUILDING CODE, LOCAL ELECTRICAL CODE, ANY OTHER REGULATING AGENCIES WHICH HAVE WILL BE INTERCONNECTED WITH THE EXISTING SITE ELECTRICAL SYSTEM IN ACCORDANCE WITH THE - 3 C--1.0 APPLICABLE ELECTRICAL CODE AND NATIONAL GRID REQUREMENTS. C-2.0 AUTHORITY OVER ANY PORTION OF THE WORK AND THOSE CODES AND STANDARDS LISTED IN THIS PROJECT CONSISTS OF THE INSTALLATION OF ENERGY STORAGE EQUIPMENT, PER THE SYSTEM C - 3.0THESE DRAWNIGS. Fort H THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION, THE CONTRACTOR SHALL BE DESCRIPTION, BELOW. THE ENERGY STORAGE MODULES WILL BE INSTALLED IN A PURPOSE BUILT Mohawi .-4.0 RESPONSIBLE FOR DEVELOPING A CONSTRUCTION LEVEL DESIGN AND ASSOCIATED DRAWINGS. UNIT(S). AND FIRE SUPPRESSION SYSTEMS, THE ENERGY STORAGE MODULES WILL BE WIRED IN River 0-5.0 AND DETAILS SERVES STRINGS AND CONVECTED THROUGH DC/DC CONVERTERS, WHICH WILL CONVERT DC TO AC 5. COORDINATE THESE DRAWINGS WITH SPECIFICATIONS AND MANUFACTURER INSTALLATION AND WHILE THE BATTERES ARE DISCHARGING. >-5.1 [55] Ō OPERATION MANUALS, 6. UNLESS OTHERWISE NOTED, THE DESIGN REPRESENTED ON THESE PLANS IS BASED ON THE New York Throughway Auriesville INFORMATION AND CRITERA LISTED IN THE "BASIS OF DESIGN" SECTION, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY SUCH INFORMATION IN PREPARATION OF ale Mahrisy 55 THE CONSTRUCTION DESIGN. THE EXISTING CONDITIONS REPRESENTED ON THESE PLANS ARE BASED ON PUBLICLY SUBJECT PROPERTY 7. SYSTEM DESCRIPTION AVAILABLE INFORMATION AND THE SITE DISCOVERY SUMMARIZED IN THESE DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERY THE ACCURACY OF SUCH INFORMATION SYSTEM SIZE (AC) 5,000 kWAC AND SUPPLEMENT WITH ANY ADDITIONAL REQUIRED INFORMATION. UMLESS INDICATED AS EXISTING (E), ALL PROPOSED WATERIALS AND EQUIPMENT SHALL BE CONSIDERED TO BE NEW. 1) POWER 9. ALL EQUIPMENT AND COMPONENTS SHALL BE MOUNTED IN COMPLIANCE WITH THE (12688) HT-SAAE b bai ÈLÉCTRONICS HENK © 2021 Microsoft Corporation © 2021 TomTon HT72--18X-545 MANUFACTURER'S REQUIREMENTS, CONSTRUCTION DETAILS, AND/OR PRUDENT INDUSTRY MODULES INVERTERS(S) FS2125/3190 STANDAROS (OR COMPARABLE) **AERIAL VIEW** (OR COMPARABLE) 10. TO THE EXTENT THAT TRESS AND OTHER FEATURES AFFECT THE SYSTEM'S PRODUCTION. SUCH PRODUCTION MODELING IS BASED ON THE EXISTING APPROXIMATE HEIGHTS AND LOCATION'S RELATIVE TO THE SYSTEM AND MAY BE INPACTED AS TREES GROW AND OTHER FEATURES CHANGE STC RATING (W) 545 WDC CEC EFFICIENCY 98.5 % MODULES PER STRING AZIAJUTH 180 26 # OF STRINGS 488 TRT ANGLE 25 ESTIVATED RACKING TERRASWART TP2 2X9 TBD FOUNDATIONS SUBJECT PROPERTY € 2021 Microsoft Corporation ≤ 2021 Marar € CHES (2021) Distribution APPLICABLE CODES AND STANDARDS PROJECT DIRECTORY GENERAL ABBREVIATIONS SYSTEM / PROJECT OWNER 2017 NATIONAL ELECTRICAL CODE 2020 BUILDING CODE OF NEW YORK STATE UE-1703 - SOLAR MODULES OML ENGINEER NORTH-SOUTH (E) Ahj EXISTING FIRM: BORREGO SOLAR SYSTEMS, INC. CONTACT: GREGORY GIBBONS, P.E. AUTHORITY HAVING JURISDICTION NTS CAE OC OD NOT TO SCALE OR APPROVED EQUAL ALUMINUM APPROX ARY UL-1741 - INVERTERS, CONBAER BOXES LAND_OWNER / HOST JEFFREY A. LANFEAR 315-378-9567 APPROXMATE ON CENTER PHONE: UL-2703 - RACKING MOUNTING SYSTEMS AND CLAMPING DEVICES FOR PV NODULES OUTSIDE DIAMETER ARRAY 3247 STATE HIGHWAY 30A BLDG BUILDING OFCI OWNER FURNISHED CONTRACTOR ELECTRICAL ENGINEER BORREGO SOLAR SYSTEMS, INC. FULTOWALLE, NY 12072 FIRM: CONTACT: BORREGO SOLAR SYSTEM INSTALLED BSS CL DAS DVA DO EW FBO FF GALV HOG HVAC 518-527-0373 AHARON WRIGHT, P.E. PV PHOTOVOLTAIC CENTERLINE DATA ACQUISITION SYSTEM POLY WAY! CHI ORION PHONE: 978-221-3081 PVC SCH SS SSS SIC IB0 IP TP AUTHORITY HAVING JURISDICTION TOWN OF GLEN SCHEDULE DAVIETER STANLESS STEEL аπо SOLAR SUPPORT STRUCTURE 7 ERSE STREET DESIGN ENGINEER EAST-WEST STANDARD TEST CONDITIONS TO BE DETERMINED FULTOWALLE, NY 12072 BORREGO SOLAR SYSTEMS, INC FURNISHED BY OTHERS FIRM: CONTACT: STEVEN RIGGALL 518-853-3633 TAMPER PROOF 518-309-7837 GALVANZED HOT DP GALVANIZED UTILITY NATIONAL GRID TYPECAL HEATING VENTILATION AND AIR UON VIF UNLESS OTHERWISE NOTED CONDITIONANG VERIFY IN FIELD INSIDE DIAMETER ID WEATHER PROO MFR MOD MANUFACTURER SOLAR MODULE **REV 1.0**















Full Environmental Assessment Form Part 1 - Project and Setting

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the applicant or project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Applicant/Sponsor Information.

Name of Action or Project: 2621 State Highway 5S Solar Project				
Project Location (describe, and attach a general location map):				
2621 State Highway 5S, Fultonville, NY 12072				
Brief Description of Proposed Action (include purpose or need):				
The proposed action is to install a large-scale, ground-mounted, solar photovoltaic system. T area of 47.0 AC±. The project will consist of a 5 MW AC system with 12,688 ± panels. The pr system will be secured with a 7'H chain-link fence. The area inside the fence will be 19.17 AC consist of inverters, transformers, data systems & switch gear.	he existing parcel is owned by Jeffre anels will be mounted on a system o C±. Equipment pads will be located r	ey Lanfear and it has an f steel posts & racks. The near the panels & will		
Name of Applicant/Sponsor:	Telephone: (315) 378-9567			
orrego Solar Systems, Inc. E-Mail: ggibbons@borregosolar.com				
Address: 30 Century Hill Drive, Suite 301				
City/PO: Latham	State: NY	Zip Code: 12110		
Project Contact (if not same as sponsor; give name and title/role):	Telephone:			
Same as Applicant/Sponsor above.	licant/Sponsor above. E-Mail:			
Address:				
City/PO:	State:	Zip Code:		
Property Owner (if not same as sponsor):	Telephone: (518) 527-0373	1		
Jeffrey A. Lanfear E-Mail:				
Address: 3247 State Highway 30A				
City/PO: Fultonville	State: NY	Zip Code: ₁₂₀₇₂		

B. Government Approvals

B. Government Approvals, Funding, or Sponsorship.	("Funding	' includes grants	, loans, tax	x relief, an	d any other	forms	of financial
assistance.)							

		1			
Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date			
	Kequireu	(Actual or projected)			
a. City Counsel, Town Board, □Yes ZNc or Village Board of Trustees					
b. City, Town or Village	Site Plan Approval and Special Use Permit by the T/O Glen Planning Board.	02/10/2021			
c. City, Town or ☐Yes ZNo Village Zoning Board of Appeals					
d. Other local agencies □Yes☑No					
e. County agencies	County Highway Department and County Planning Board Referral	TBD			
f. Regional agencies □Yes☑No					
g. State agencies	SHPO/OPRHP Determination; NYSDEC SPDES Permit; NYSDOT Permit	TBD			
h. Federal agencies	USACE/NYSDEC Joint Wetland Permit	TBD			
i. Coastal Resources.					
<i>i</i> . Is the project site within a Coastal Area	a, or the waterfront area of a Designated Inland W	⁷ aterway? □Yes ∠ No			
<i>ii.</i> Is the project site located in a community with an approved Local Waterfront Revitalization Program? □ Yes No <i>iii.</i> Is the project site within a Coastal Erosion Hazard Area? □ Yes No					

iii. Is the project site within a Coastal Erosion Hazard Area?

C. Planning and Zoning

C.1. Planning and zoning actions.	
 Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? If Yes, complete sections C, F and G. If No, proceed to question C.2 and complete all remaining sections and questions in Part 1 	□Yes Z No
C.2. Adopted land use plans.	
a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located?	✓ Yes□No
If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located?	□Yes☑No
 b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) If Yes, identify the plan(s): NYS Heritage Areas Mohawk Valley Heritage Corridor 	∠ Yes⊡No
 c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? If Yes, identify the plan(s): 	∐Yes Z No

C.3. Zoning a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. ✓ Yes □ No If Yes, what is the zoning classification(s) including any applicable overlay district? Rural Residential (R-R) b. Is the use permitted or allowed by a special or conditional use permit? ✓ Yes 🗆 No □ Yes **Z**No c. Is a zoning change requested as part of the proposed action? If Yes, *i*. What is the proposed new zoning for the site? C.4. Existing community services. a. In what school district is the project site located? Fonda-Fultonville Central School District b. What police or other public protection forces serve the project site? Montgomery County Sheriff; New York State Police c. Which fire protection and emergency medical services serve the project site? Town of Glen Volunteer Fire Department Inc. d. What parks serve the project site? Tribes Hill Community Park; Auriesville Pilgrimage Lunch Area; Mohawk-Hudson Bike-Hike Trail; Schoharie Crossing State Historic Site; Scoharie Crossing - Yankee Hill Lock; NY Tribes Hill Boat Launch & Park; Auriesville Pilgrimage Camping Area; Our Lady of Martyrs Shrine; Mohawk River; Fort Hunter **D. Project Details D.1. Proposed and Potential Development**

a. What is the general nature of the proposed action (e.g., residential, ind components)? Commercial (solar project)	lustrial, commercial, recreational; if	mixed, include all
b. a. Total acreage of the site of the proposed action?	47.(+ acres	
b. Total acreage to be physically disturbed?	9.80 acres	
c. Total acreage (project site and any contiguous properties) owned		
or controlled by the applicant or project sponsor?	47.64 acres	
c. Is the proposed action an expansion of an existing project or use?		🗌 Yes 🗹 No
<i>i</i> . If Yes, what is the approximate percentage of the proposed expansion	on and identify the units (e.g., acres,	miles, housing units,
square feet)? % Units:		
d. Is the proposed action a subdivision, or does it include a subdivision?		□Yes ∠ No
If Yes,		
<i>i</i> . Purpose or type of subdivision? (e.g., residential, industrial, commer	cial; if mixed, specify types)	
	·	
<i>ii</i> . Is a cluster/conservation layout proposed?		□Yes ∠ No
<i>iii</i> . Number of lots proposed?		
<i>iv</i> . Minimum and maximum proposed lot sizes? Minimum	Maximum	
e. Will the proposed action be constructed in multiple phases?		☐ Yes ✔No
<i>i</i> . If No, anticipated period of construction:	6 months	
ii. If Yes:		
• Total number of phases anticipated		
• Anticipated commencement date of phase 1 (including demolit	ion) month year	
Anticipated completion date of final phase	month vear	
Generally describe connections or relationships among phases	including any contingencies where n	progress of one phase may
determine timing or duration of future phases:	menuning any commences	rogross or one phase may

f Deer the proje	-+ in alada navy racie	1- atial maga?			
1. Does the proje	ct include new resid	iential uses:			
If res, show hun	One Family	sea.	Three Family	Multiple Family (four or more)	
	<u>One ranny</u>	<u>Two Fannry</u>	<u>1 mee Fanniy</u>	Multiple Falling (1001 of more)	
Initial Phase					
At completion					
of all phases					
	1 1 1.			1	
g. Does the prop	osed action include	new non-residenti	al construction (inclu	iding expansions)?	✓ Y es 🗌 No
If Yes,		700			
<i>i</i> . Total number	f of structures	<u>/UU</u>	15 haight	14 width and 1270 longth	
<i>iii</i> Approximate	(In feet) of fargest p	roposed subclure.	is neight,	14 widui; and rengui	
	extent of ounding	space to be heated	or cooled	Square reer	
h. Does the prop	osed action include	construction or oth	her activities that wil	l result in the impoundment of any	🗌 Yes 🗹 No
liquids, such a	is creation of a wate	r supply, reservoir	; pond, lake, waste la	agoon or other storage?	
If Yes,					
<i>i</i> . Purpose of the	e impoundment:		F		
<i>ii</i> . If a water 1mp	boundment, the prin	cipal source of the	water:	Ground water Surface water stream	ns []Other specify:
			· · · · · · · · · · · · · · · · · · ·	4.4.4	
<i>iii</i> . If other than y	water, identity the ty	ype of impounded	contained liquids and	d their source.	
. <u>.</u>	·	1 ·	T7-1		
<i>iv.</i> Approximate	size of the propose	d impoundment.	Volume:	million gallons; surface area:	acres
v. Dimensions of	of the proposed dam	i or impounding su	ructure:	height; length	
<i>vi.</i> Construction	method/materials	for the proposed da	am or impounding su	ructure (e.g., earth fill, rock, wood, conc	rete):
D.2. Project Op	perations				
a. Does the prop	osed action include	any excavation, m	ining, or dredging, d	uring construction, operations, or both?	Yes ∕No
(Not including	general site prepar	ation, grading or in	nstallation of utilities	or foundations where all excavated	
materials will	remain onsite)				
If Yes:					
<i>i</i> .What is the p	urpose of the excave	ation or dredging?			
ii. How much ma	aterial (including ro	ck, earth, sedimen	ts, etc.) is proposed t	o be removed from the site?	
Volume	e (specify tons or cu	bic yards):			
Over with the other withe other with the other with the other with the other with the other	hat duration of time	?			
<i>iii</i> . Describe natu	re and characteristi	cs of materials to I	be excavated or dred	ged, and plans to use, manage or dispose	e of them.
				-	
iv. Will there be	e onsite dewatering	or processing of e	xcavated materials?		☐Yes[]No
If yes, descr	ibe				
v. What is the to	otal area to be dredg	ged or excavated?		acres	
<i>vi</i> . What is the n	naximum area to be	worked at any one	e time?	acres	
vii. What would	be the maximum de	pth of excavation	or dredging?	feet	
viii. Will the exc	avation require blas	ting?			∐ Yes No
<i>ix</i> . Summarize si	te reclamation goals	s and plan:			
b Would the pro	mosed action cause	or result in alterati	on of increase or de	crosse in size of or encroachment	
into any exist	ing wetland water	of result in anotation	och or adjacent area?		
If Vec.	ing wettand, watero	ouy, shorenne, oe	acti or aujacent area.		
i Identify the y	vetland or waterboc	wwhich would be	affected (by name a	vater index number, wetland man numb	er or geographic
description).	Velland of waterood	ly which would be	affected (by fame, s	vater fildex futfioer, wettand map futfio	er or geographie
description.					

<i>ii.</i> Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square-	nt of structures, or are feet or acres:
<i>iii.</i> Will the proposed action cause or result in disturbance to bottom sediments?	∐Yes ∏ No
<i>iv.</i> Will the proposed action cause or result in the destruction or removal of aquatic vegetation?	☐ Yes ☐ No
If Yes:	
acres of aquatic vegetation proposed to be removed:	
 expected acreage of aquatic vegetation remaining after project completion: purpose of proposed removal (e.g. beach clearing, investive species control, beat access); 	
• purpose of proposed removal (e.g. beach clearing, invasive species control, boat access).	
proposed method of plant removal:	
if chemical/herbicide treatment will be used, specify product(s):	
v. Describe any proposed reclamation/mitigation following disturbance:	
c Will the proposed action use or create a new demand for water?	TYes Z No
If Yes:	
<i>i</i> . Total anticipated water usage/demand per day: gallons/day	
<i>ii.</i> Will the proposed action obtain water from an existing public water supply?	□Yes □No
If Yes:	
 Name of district of service area. Does the existing public water supply have capacity to serve the proposal? 	
 Is the project site in the existing district? 	$\Box \operatorname{Yes} \Box \operatorname{No}$
 Is expansion of the district needed? 	\Box Yes \Box No
 Do existing lines serve the project site? 	\Box Yes \Box No
<i>iii.</i> Will line extension within an existing district be necessary to supply the project? If Yes:	
Describe extensions or capacity expansions proposed to serve this project:	
Source(s) of supply for the district:	
<i>iv.</i> Is a new water supply district or service area proposed to be formed to serve the project site? If, Yes:	☐ Yes□No
 Applicant/sponsor for new district: Date application submitted or anticipated: 	
Proposed source(s) of supply for new district:	
<i>v</i> . If a public water supply will not be used, describe plans to provide water supply for the project:	
<i>vi</i> . If water supply will be from wells (public or private), what is the maximum pumping capacity:	gallons/minute.
d. Will the proposed action generate liquid wastes?	☐ Yes ⊠ No
<i>i</i> Total anticipated liquid waste generation per day: gallons/day	
<i>ii.</i> Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all approximate volumes or proportions of each):	components and
<i>iii.</i> Will the proposed action use any existing public wastewater treatment facilities? If Yes:	□Yes □No
Name of wastewater treatment plant to be used:	
Name of district:	
• Does the existing wastewater treatment plant have capacity to serve the project?	
 Is the project site in the existing district? Is expansion of the district needed? 	
• Is expansion of the district needed?	

Do existing sewer lines serve the project site?Will a line extension within an existing district be necessary to serve the project?	□Yes□No □Yes□No
 If Yes: Describe extensions or capacity expansions proposed to serve this project:	
<i>iv.</i> Will a new wastewater (sewage) treatment district be formed to serve the project site? If Yes:	□Yes □No
 Applicant/sponsor for new district: Date application submitted or anticipated: 	
 What is the receiving water for the wastewater discharge? v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including spectre receiving water (name and classification if surface discharge or describe subsurface disposal plans): 	cifying proposed
<i>vi</i> . Describe any plans or designs to capture, recycle or reuse liquid waste:	
e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point	∠ Yes N o
sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? If Yes:	
<i>i</i> . How much impervious surface will the project create in relation to total size of project parcel? <u>40,511</u> Square feet or <u>0.41</u> acres (impervious surface) <u>2075 198</u> Square feet or <u>17</u> acres (parcel size)	
<i>ii.</i> Describe types of new point sources.Proposed Gravel access road and concrete equipment pads	
 iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent j groundwater, on-site surface water or off-site surface waters)? Stormwater will be directed into on-site designated stormwater ditches and culverts 	properties,
If to surface waters, identify receiving water bodies or wetlands: Stream 1 Delineated, Class C-876-182	
• Will stormwater runoff flow to adjacent properties? <i>iv.</i> Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater?	☐ Yes ☑ No ☑ Yes ☐ No
 f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? If Yes_identify: 	∐Yes ⊠ No
<i>i</i> . Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)	
<i>ii.</i> Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers) <i>iii.</i> Stationary sources during operations (e.g., process emissions, large boilers, electric generation)	
 g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? If Yes: 	∐Yes ⊿ No
 i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) ii. In addition to amissions as calculated in the amplication the project will generate. 	□Yes□No
. In addition to emissions as calculated in the application, the project will generate: Tons/year (short tons) of Carbon Dioxide (CO ₂) Tons/year (short tons) of Nitrous Oxide (N ₂ O)	
Tons/year (short tons) of Perfluorocarbons (PFCs)	
 	

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants,	☐Yes ✔No
landfills, composting facilities)?	
<i>i</i> . Estimate methane generation in tons/year (metric):	
<i>ii.</i> Describe any methane capture, control or elimination measures included in project design (e.g., combustion to g	enerate heat or
electricity, flaring):	
i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as	☐Yes ∕ No
quarry or landfill operations?	
If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):	
j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial	□Yes √ No
new demand for transportation facilities or services?	
<i>i</i> When is the neak traffic expected (Check all that apply): \Box Morning \Box Evening \Box Weekend	
\square Randomly between hours of to .	
ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump truck	s):
iii. Parking spaces: Existing Proposed Net increase/decrease	
<i>iv.</i> Does the proposed action include any shared use parking?	□Yes□No
<i>v</i> . If the proposed action includes any modification of existing roads, creation of new roads or change in existing	access, describe:
	·
<i>vi.</i> Are public/private transportation service(s) or facilities available within ½ mile of the proposed site?	□Yes□No
vii Will the proposed action include access to public transportation or accommodations for use of hybrid, electric	
<i>viii</i> Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing	□Yes□No
pedestrian or bicycle routes?	
k. Will the proposed action (for commercial or industrial projects only) concrete new or additional domand	
for energy? Now operate will be created	
If Yes:	
<i>i</i> . Estimate annual electricity demand during operation of the proposed action:	
<i>ii.</i> Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/l	ocal utility, or
omer).	
<i>iii.</i> Will the proposed action require a new, or an upgrade, to an existing substation?	∏ Yes ∏ No
1. Hours of operation. Answer all items which apply.	
<i>i</i> . During Construction: <i>ii</i> . During Operations:	
Monday - Friday: 7 AM - 5 PM Monday - Friday: N/A the site is un-ma	nned
Saturday: 7 AM - 5 PM Saturday: N/A the site is un-ma Sunday:	nned
Holidays:No Univ as permitted by the Lown SundayN/A the site is un-ma Holidays:N/A the site is un-ma	nned

If was	
If yes:	
During construction period, (first 3 months) noise from drilling and placing racking foundation screws will be noticeable but sporadic dur	ing working hours.
No noise above ambient levels post-construction. Construction will occur during hours agreed to with the Town of Glen Building Inspect	tor.
<i>ii.</i> Will the proposed action remove existing natural barriers that could act as a noise barrier or screen?	🗆 Yes 🗹 No
Describe:	
	<u> </u>
n. Will the proposed action have outdoor lighting?	🖌 Yes 🗌 No
If yes:	
A motion-activated light approximately 9-10 feet in height will be installed at the electrical equipment area & will be directed down	ward.
<i>ii.</i> Will proposed action remove existing natural barriers that could act as a light barrier or screen? Describe:	☐ Yes Ø No
o. Does the proposed action have the potential to produce odors for more than one hour per day? [If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures:]Yes ⊉ No
 p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? If Yes: <i>i</i>. Product(s) to be stored 	_Yes ⊿ No
<i>ii.</i> Volume(s) per unit time (e.g., month, year) <i>iii.</i> Generally, describe the proposed storage facilities:	
 q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? If Yes: <i>i</i>. Describe proposed treatment(s): 	🗆 Yes 🗗 No
<i>ii.</i> Will the proposed action use Integrated Pest Management Practices?	☐ Yes ☐No
 r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? If Yes: <i>i</i> Describe any solid waste(s) to be generated during construction or operation of the facility: 	Z Yes □No
• Construction:	
Operation : 0 tons per month (unit of time)	
<i>ii.</i> Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:	
Construction: Cardboard packaging & wood pallets will be recycled. The majority of waste generated is from the packagir	ng materials.
Operation: None.	
<i>iii.</i> Proposed disposal methods/facilities for solid waste generated on-site	
Construction: On-site dumpsters will be used to store solid waste & recyclables.	
Operation: None.	

s. Does the proposed action include construction or modi	fication of a solid waste ma	nagement facility?	🗌 Yes 🗹 No
If Yes: <i>i</i> Type of management or handling of waste proposed	for the site (e.g. recycling)	or transfer station compostin	a landfill or
other disposal activities):	for the site (e.g., recycling)	or transfer station, composing	g, fanafin, of
<i>ii.</i> Anticipated rate of disposal/processing:			
• Tons/month, if transfer or other non-o	combustion/thermal treatme	ent, or	
• Tons/hour, if combustion or thermal	treatment		
<i>m</i> . If fandini, anticipated site file:	years		
t. Will the proposed action at the site involve the comment	rcial generation, treatment,	storage, or disposal of hazard	ous 🗌 Yes 🖌 No
If Yes:			
<i>i</i> . Name(s) of all hazardous wastes or constituents to be	generated, handled or man	aged at facility:	
<i>ii</i> Generally describe processes or activities involving h	nazardous wastes or constitu	ients.	
<i>m</i> . Generally describe processes of derivines involving i			
<i>iii.</i> Specify amount to be handled or generatedto	ons/month	a appatituanta:	
<i>iv.</i> Describe any proposals for on-site minimization, rec	yening of reuse of nazardou		
<i>v</i> . Will any hazardous wastes be disposed at an existing	g offsite hazardous waste fac	cility?	∐Yes No
If Yes: provide name and location of facility:			
If No: describe proposed management of any hazardous	wastes which will not be ser	nt to a hazardous waste facilit	y:
E. Site and Setting of Proposed Action			
E.1. Land uses on and surrounding the project site			
a. Existing land uses.			
<i>i</i> . Check all uses that occur on, adjoining and near the	project site.		
Urban Industrial Commercial Resid	lential (suburban) \mathbf{V} Rur	ral (non-farm)	
<i>ii.</i> If mix of uses, generally describe:	(specify).		
b. Land uses and covertypes on the project site.			
Land use or	Current	Acreage After	Change
Covertype	Acreage	Project Completion	(Acres +/-)
Roads, buildings, and other paved or impervious	0.59	1.52	+0.93
surfaces	20.61	11.04	9.67
 Meadows, grasslands or brushlands (non- 	20.01	11.94	-0.07
agricultural, including abandoned agricultural)	26.41	34.15	+7.74
Agricultural			
(includes active orchards, field, greenhouse etc.)			
Surface water features	0.03	0.03	0
(lakes, ponds, streams, rivers, etc.)			-
Wetlands (freshwater or tidal)			
• Non-vegetated (bare rock, earth or fill)			
• Other			

Describe:

c. Is the project site presently used by members of the community for public recreation?<i>i.</i> If Yes: explain:	□Yes☑No
 d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? If Yes, i. Identify Facilities: 	∐Yes ⊠ No
e. Does the project site contain an existing dam?If Yes:<i>i</i>. Dimensions of the dam and impoundment:	☐ Yes ⁄ No
• Dam height: feet	
• Dam length: feet	
Surface area:	
Volume impounded:gallons OR acre-feet	
ii. Dam's existing hazard classification:	
iii. Provide date and summarize results of last inspection:	
f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facil If Ves:	☐Yes ∕ No ity?
<i>i</i> . Has the facility been formally closed?	□Yes□ No
• If ves, cite sources/documentation:	
<i>ii.</i> Describe the location of the project site relative to the boundaries of the solid waste management facility:	
<i>iii</i> . Describe any development constraints due to the prior solid waste activities:	
g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste?	∐Yes∎No
<i>i</i> . Describe waste(s) handled and waste management activities, including approximate time when activities occurre	ed:
 h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? If Yes: 	☐Yes ✔ No
<i>i</i> . Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply:	□Yes□No
Yes – Spills Incidents database Provide DEC ID number(s):	
 ☐ Yes – Environmental Site Remediation database ☐ Neither database Provide DEC ID number(s): 	
<i>ii</i> . If site has been subject of RCRA corrective activities, describe control measures:	
<i>iii</i> . Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? If yes, provide DEC ID number(s):	□ Yes ⁄ No
<i>iv.</i> If yes to (i), (ii) or (iii) above, describe current status of site(s):	

v. Is the project site subject to an institutional control	l limiting property uses?	☐ Yes Z No
• If yes, DEC site ID number:		
 Describe the type of institutional control (e.g Describe any use limitations: 	g., deed restriction or easement):	
 Describe any engineering controls: 		
• Will the project affect the institutional or en	gineering controls in place?	☐ Yes ☐ No
• Explain:		
E.2. Natural Resources On or Near Project Site		
a. What is the average depth to bedrock on the project	site? <u>>6.5</u> feet	
b. Are there bedrock outcroppings on the project site?		☐ Yes ∕ No
If Yes, what proportion of the site is comprised of bec	lrock outcroppings?%	
c. Predominant soil type(s) present on project site:	Howard soils, very steep (HTF) 28.3 %	
	Lansing silt loam (LaB) 13.5 %	
	Paimyra gravelly silt loam (PmC) 13.0 %	
d. What is the average depth to the water table on the	project site? Average: <u>4</u> feet	
e. Drainage status of project site soils: 🗹 Well Draine	d:% of site	
Moderately	Well Drained: <u>7.9</u> % of site	
Poorly Drain	$\underline{11.2}\% \text{ of site}$	
f. Approximate proportion of proposed action site with	h slopes: $\boxed{0}$ 0-10%: <u>_69</u> +% of site	
	$ \boxed{ 10-15\%: } \underline{23+}\% \text{ of site} $	
A no theme and mission and logic factures on the main		
g. Are there any unque geologic reatures on the proje If Yes, describe:		
 h. Surface water features. <i>i</i> Does any portion of the project site contain wetlan 	ds or other waterbodies (including streams, rivers	∠ Yes□No
ponds or lakes)?	as of other wateroodies (merading streams, rivers,	
<i>ii</i> . Do any wetlands or other waterbodies adjoin the p	roject site?	✓ Yes No
If Yes to either <i>i</i> or <i>ii</i> , continue. If No, skip to E.2.i.		
<i>iii.</i> Are any of the wetlands or waterbodies within or a state or least a sense?	adjoining the project site regulated by any federal,	✓ Yes □No
iv For each identified regulated wetland and waterbo	dy on the project site, provide the following information:	
• Streams: Name 876-182	Classification ^C	
• Lakes or Ponds: Name	Classification	
• Wetlands: Name Federal Waters, Fed	eral Waters, Federal Waters, Approximate Size	
• Wetland No. (if regulated by DEC)	See EAF Mapper Summary Report Answer: E.2.h.iv.	
waterbodies?	streeent compliation of NTS water quality-imparted	
If yes, name of impaired water body/bodies and basis	for listing as impaired:	
i. Is the project site in a designated Floodway?		∐Yes Z No
j. Is the project site in the 100-year Floodplain?		✓ Yes N o
k. Is the project site in the 500-year Floodplain?		✓ Yes □ No
1. Is the project site located over, or immediately adjoint	ning, a primary, principal or sole source aquifer?	✓ Yes No
If Yes:		
Principal Aquifor		
<i>i</i> . Name of aquifer: Principal Aquifer		

m. Identify the predominant wildlife species	that occupy or use the project site:		
Shagbark Hickory	Black Cherry	Snakes (Water, Milk, Ga	arter)
Red Maple	Sugar Maple	Salamanders, Toads an	d Frogs
White Ash	White Tale Deer	Grey Squirreis	
 n. Does the project site contain a designated If Yes: <i>i</i>. Describe the habitat/community (composition) 	significant natural community?	ion):	
<i>ii.</i> Source(s) of description or evaluation: <i>iii.</i> Extent of community/habitat:			
• Currently:		_ acres	
 Following completion of project as Gain or loss (indicate + or -): 	proposea:	acres	
 o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as ☐ Yes ✓ No endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? If Yes: i. Species and listing (endangered or threatened): 			
 p. Does the project site contain any species of special concern? If Yes: i. Species and listing: 	of plant or animal that is listed by NYS	S as rare, or as a species of	☐Yes ⁄ No
q. Is the project site or adjoining area current If yes, give a brief description of how the pro	ly used for hunting, trapping, fishing opposed action may affect that use:	or shell fishing?	☐Yes Z No
E.3. Designated Public Resources On or N	lear Project Site		
a. Is the project site, or any portion of it, loca Agriculture and Markets Law, Article 25- If Yes, provide county plus district name/nu	ted in a designated agricultural distric AA, Section 303 and 304? mber: MONT003	t certified pursuant to	⊘ Yes No
b. Are agricultural lands consisting of highly <i>i</i> . If Yes: acreage(s) on project site? <i>ii</i> . Source(s) of soil rating(s):	productive soils present?		∐Yes∎No
 c. Does the project site contain all or part of Natural Landmark? If Yes: Nature of the natural landmark: Provide brief description of landmark, ir 	or is it substantially contiguous to, a Biological Community Goncluding values behind designation and	registered National eological Feature d approximate size/extent:	☐Yes ⁄ No
 d. Is the project site located in or does it adjoint fyes: <i>i</i>. CEA name:	in a state listed Critical Environmenta	ll Area?	☐Yes ⁄ No

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissi Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places.	☐ Yes ✓ No oner of the NYS aces?
If Yes: <i>i</i> . Nature of historic/archaeological resource: Archaeological Site Historic Building or District	
<i>ii.</i> Name:	
<i>iii</i> . Brief description of attributes on which listing is based:	
f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	₽ Yes N o
g. Have additional archaeological or historic site(s) or resources been identified on the project site? If Yes:	☐Yes Z No
<i>i</i> . Describe possible resource(s): Performing a Cultural Resource Assessment per OPRHP Request	
<i>ii.</i> Basis for identification:	
h. Is the project site within fives miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource?	✓ Yes □ No
If Yes:	
<i>i</i> . Identify resource: Revolutionary Byway	· .
<i>ii</i> . Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail of etc.): Scenic Byway	scenic byway,
<i>iii.</i> Distance between project and resource:1_40 miles.	
i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666?	☐ Yes 7 No
If Yes:	
<i>i</i> . Identify the name of the river and its designation:	
<i>ii.</i> Is the activity consistent with development restrictions contained in 6NYCRR Part 666?	∐Yes∐No

F. Additional Information

Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name Gregory Gibbons P.E.

Date 02/09/2021



B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Yes - Digital mapping data are not available for all Special Planning Districts. Refer to EAF Workbook.
C.2.b. [Special Planning District - Name]	NYS Heritage Areas: Mohawk Valley Heritage Corridor
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	No
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	Yes
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.iv [Surface Water Features - Stream Name]	876-182
E.2.h.iv [Surface Water Features - Stream Classification]	С
E.2.h.iv [Surface Water Features - Wetlands Name]	Federal Waters
E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	No
E.2.j. [100 Year Floodplain]	Yes

E.2.k. [500 Year Floodplain]	Yes
E.2.I. [Aquifers]	Yes
E.2.I. [Aquifer Names]	Principal Aquifer
E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	No
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	Yes
E.3.a. [Agricultural District]	MONT003
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No





FIGURE 1 Aerial Map 2621 NY-5S Fultonville, New York 12072 Data Source: Google Earth






United States Department of the Interior

FISH AND WILDLIFE SERVICE New York Ecological Services Field Office 3817 Luker Road Cortland, NY 13045-9385 Phone: (607) 753-9334 Fax: (607) 753-9699 http://www.fws.gov/northeast/nyfo/es/section7.htm



In Reply Refer To: Consultation Code: 05E1NY00-2021-SLI-0814 Event Code: 05E1NY00-2021-E-02490 Project Name: 2621 State Highway 5S-Glen December 21, 2020

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (ESA) of 1973, as amended (16 U.S.C. 1531 *et seq.*). This list can also be used to determine whether listed species may be present for projects without federal agency involvement. New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list.

Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the ESA, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC site at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list. If listed, proposed, or candidate species were identified as potentially occurring in the project area, coordination with our office is encouraged. Information on the steps involved with assessing potential impacts from projects can be found at: http://www.fws.gov/northeast/nyfo/es/section7.htm

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq*.), and projects affecting these species may require development of an eagle conservation plan (<u>http://www.fws.gov/windenergy/</u>

<u>eagle_guidance.html</u>). Additionally, wind energy projects should follow the Services wind energy guidelines (<u>http://www.fws.gov/windenergy/</u>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <u>http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm; http://www.towerkill.com; and http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/correntBirdIssues/Hazards/towers/correntBirdIssues/Hazards/towers/towers/towers/hazards/towers/tow</u>

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the ESA. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

New York Ecological Services Field Office 3817 Luker Road Cortland, NY 13045-9385 (607) 753-9334

Project Summary

Consultation Code:	05E1NY00-2021-SLI-0814
Event Code:	05E1NY00-2021-E-02490
Project Name:	2621 State Highway 5S-Glen
Project Type:	POWER GENERATION
Project Description:	Solar Power Generation

Project Location:

Approximate location of the project can be viewed in Google Maps: <u>https://www.google.com/maps/place/42.925614677005555N74.31361590284628W</u>



Counties: Montgomery, NY

Endangered Species Act Species

There is a total of 0 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

1. <u>NOAA Fisheries</u>, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Fish and Wildlife, New York Natural Heritage Program 625 Broadway, Fifth Floor, Albany, NY 12233-4757 P: (518) 402-8935 I F: (518) 402-8925 www.dec.ny.gov

January 26, 2021

Leigh McEntire Borrego Solar 30 Century Hill, Suite 301 Latham, NY 12110

Re: Solar array - 2621 State Highway 5S County: Montgomery Town/City: Glen

Dear Leigh McEntire:

In response to your recent request, we have reviewed the New York Natural Heritage Program database with respect to the above project.

We have no records of rare or state-listed animals or plants, or significant natural communities at the project site or in its immediate vicinity.

The absence of data does not necessarily mean that rare or state-listed species, significant natural communities, or other significant habitats do not exist on or adjacent to the proposed site. Rather, our files currently do not contain information that indicates their presence. For most sites, comprehensive field surveys have not been conducted. We cannot provide a definitive statement on the presence or absence of all rare or state-listed species or significant natural communities. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other resources may be required to fully assess impacts on biological resources.

This response applies only to known occurrences of rare or state-listed animals and plants, significant natural communities, and other significant habitats maintained in the Natural Heritage database. Your project may require additional review or permits; for information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the NYS DEC Region 4 Office, Division of Environmental Permits, at dep.r4@dec.ny.gov.

Sincerely,

Heidi Krahling Environmental Review Specialist New York Natural Heritage Program







October 27, 2020

Mr. Steve Long
Project Developer
PV Engineers, DPC/Borrego Solar Systems, Inc.
30 Century Hill Drive, Suite 301
Latham, NY 12110

Re: Wetland Delineation Report 2621 New York State Route 5S Hamlet of Fultonville, Montgomery County, NY

Dear Mr. Long:

In accordance with our Scope of Services, Shumaker Consulting Engineering & Land Surveying, D.P.C. (SCE) performed a wetland investigation of the 47.1 acre parcel located at 2621 NYS Rte. 5S, Hamlet of Fultonville, Montgomery County, NY. This investigation and delineation were completed on behalf of PV Engineers, DPC/Borrego Solar Systems, Inc on October 15th, 2020. The intent of the visit was to identify and delineate the boundaries of Wetlands and Waters of the United States (WOTUS), as well as determine the 100-foot adjacent area of any New York State Department of Environmental Conservation (NYSDEC) mapped wetlands, and determine ordinary high water (OHW) for the streams located within the confines of the project site.

The surveyed parcels consisted of approximately 47.1 acres and is herein referred to as the Site. The Site is accessed from the south side of NYS Rte. 5S and continues approximately 0.47 mile south. The tax lot consists of a flag lot and a narrow strip of land that significantly widens approximately 0.25 mile south of Rte. 5S. The Site consists of a single-family residential building and accessory structure at the northern portions, followed by an access road leading to fallow, mowed agricultural fields. Several areas of undeveloped woodlands are present on the periphery of the property as well as within some interior portions. A perennial stream is present at the northeastern portions of the property. No wetlands were identified or mapped as a result of this delineation. Photographs of the site and figures depicting the photo locations (Figures 1) are attached. The survey area is adjoined by agricultural fields, shrub and forested lands, and residential properties.

Prior to the field survey effort, several sources were consulted to obtain background information. These sources include: the New York State Department of Environmental Conservation (NYSDEC) Environmental Resource Mapper (ERM), the National Wetlands Inventory (NWI) Map published by the United States Fish and Wildlife Service (USFWS), the Montgomery County Soil Survey Map, Federal Emergency Management Agency (FEMA) floodplain mapping and aerial photography.

ALBANY, NY 251 New Karner Road Albany, NY 12205 518-727-7113 BINGHAMTON, NY 143 Court Street Binghamton, NY 13901 607-798-8081 • Fax 798-8186

WBE Certified

CLEVELAND, OH Cleveland City Center 600 Superior Avenue East Fifth Third Building, Suite 1300 Cleveland, OH 44114 (Virtual)

shumaker@shumakerengineering.com

www.shumakerengineering.com

The ERM was consulted in order to determine the potential presence of state-regulated wetlands at the site. Based upon a review of the ERM, no state-regulated wetlands were identified within or proximate to the site. In addition, NWI mapping also revealed no potential federally protected wetlands on the site. One 876-182 class C mapped stream was listed by the ERM mapper (see Figure 1). This stream (Stream 1) briefly dips into the northeastern portions of the site.

Stream 1 is a perennial stream that originates off-site east of the property and flows approximately 667 linear feet on-site, exiting the project limits at the northeastern portions where it continues to flow north (see Figure 1). The stream varies from 15-to-30 feet wide and three-to-24 inches deep along its length. The substrate in composed of silt, pebbles, cobbles, and sparse leaf litter. Minimal sediment was noted in the majority of the stream. Small pockets of sandy silt were observed within the stream limits. Stream 1 is considered a Water of the United States (WOTUS) and is anticipated to be under the jurisdiction of the USACE as an (a)(8) water.

As the stream is classified as a Class C mapped streams, it is not currently subject to Article 15 of the New York State Environmental Conservation Law (ECL). This same stream continues north towards the Mohawk River, just to the east of the project boundary.

It should be noted that a drainage channel was observed within the wooded west-central portions of the site. This area drains from a higher elevation (south) to lower (north). Flow within this drainage channel was noted to be ephemeral and therefore not under the jurisdiction of the USACE or NYSDEC. The flow continues as ephemeral sheet flow east to Stream 1. Additional drainage channels found onsite are also considered ephemeral.

The county soil survey shows that the site contains the following mapped soils: Cut and fill land (CFL), Fredon silt loam (Fr), Howard gravelly silt loam, three-to-eight percent slopes (HrB), Howard gravelly silt loam, 15-to-25 percent slopes (HrD), Howard soils, very steep (HTF), Lansing silt loam three-to-eight percent slopes (LaB), Lansing silt loam, eight-to-15 percent slopes (LaC), Lansing silt loam (LaD), Palmyra gravelly silt loam eight-to-15 percent slopes (PmC), Phelps gravelly loam, three-to-eight percent slopes (PpB), Plainfield loamy sand, and three-to-ten percent slopes (Psb). Soil map units Fr, HrB, LaB, and PpB are classified as Prime Farmland. Soil map units LaC and PmC are classified as Farmland of statewide importance.

This wetland delineation effort resulted in the identification of no wetlands. The lack of wetlands at the subject property was determined based on the absence of hydric soil indicators, hydrophytic vegetation, and wetland hydrology indicators.

A Jurisdictional Determination (JD) would need to be requested from the USACE if development is pursued. Discharges of dredged or fill material into Waters of the United States (i.e. jurisdictional wetlands and streams) for the construction of land-based renewable energy production facilities, including attendant features would need to be authorized by a Nationwide Permit (NWP).

If you have any questions or require additional information, please do not hesitate to contact Markku McGlynn in our Albany Office or at mmcglynn@shumakerengineering.com.

Very truly yours,

SHUMAKER CONSULTING ENGINEERING & LAND SURVEYING, D.P.C.

Marine

Raymond Marino Environmental Scientist II

RJM/

Enclosures

- Site Location Map and Stream Overview Map
- Project Site Photo Sheet



Path: E:\2017\17353_NYSDOT Eco Term\17353.14 Rt. 79 Chenango River\Graphics\Environmental\Figure 1 Overview Map - Fultonville.mxd

October 2020



Path: E:\2014\14393-Borrego Solar MSA\14393.87-2621 NYS Rte 5S\Graphics\Figure 2 Stream Map - Fultonville.mxd

October 2020



PHOTOGRAPHS

Project Name & Job Number: 2621 NYS Rte. 5S - 14393.87

Project Address(es): 2621 NYS Rte. 5S, Hamlet of Fultonville, Montgomery County, NY

 Photo Number:
 1

 Photo Date:
 October 15, 2020

 Photo Location:
 2621 NYS Rte. 5S, Fultonville, Montgomery County, NY

 Direction Facing:
 South

 Photo Description:
 The mowed fields at the southern portions of the property



Photo Date: October 15, 2020

Photo Location: 2621 NYS Rte. 5S, Fultonville, Montgomery County, NY

Direction Facing: West

<u>Photo Description:</u> Eastern portions of the site proximate to the border of the fields and wooded areas.



 Photo Number:
 3

 Photo Date:
 October 15, 2020

 Photo Location:
 2621 NYS Rte. 5S, Fultonville, Montgomery County, NY

 Direction Facing:
 East

 Photo Description:
 Representative photo of the wooded portions of the site.



Page 2 of 5

Photo Date: October 15, 2020

Photo Location: 2621 NYS Rte. 5S, Fultonville, Montgomery County, NY

Direction Facing: South

<u>Photo Description:</u> The drainage channel at the central portions of the subject property (non-jurisdictional).



Photo Number: 5

Photo Date: October 15, 2020

Photo Location: 2621 NYS Rte. 5S, Fultonville, Montgomery County, NY

Direction Facing: East

Photo Description: The on-site portions of the stream located at the northeastern portions of the site.



Page 3 of 5

Photo Date: October 15, 2020

Photo Location: 2621 NYS Rte. 5S, Fultonville, Montgomery County, NY

Direction Facing: West

<u>Photo Description:</u> The fields at the northern portions of the subject property.



 Photo Number:
 7

 Photo Date:
 October 15, 2020

 Photo Location:
 2621 NYS Rte. 5S, Fultonville, Montgomery County, NY

 Direction Facing:
 South

<u>Photo Description:</u> The access path connecting the northern portions of the site to the southern portions.



Photo Date: October 15, 2020

Photo Location: 2621 NYS Rte. 5S, Fultonville, Montgomery County, NY

Direction Facing: East

<u>Photo Description:</u> NYS Rte. 5S adjoining the subject property.





United States Department of Agriculture

Natural Resources Conservation

Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Montgomery County, New York



Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/? cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report Soil Map



	MAP L	EGEND)	MAP INFORMATION
Area of Int	terest (AOI)	300	Spoil Area	The soil surveys that comprise your AOI were mapped at
	Area of Interest (AOI)	٥	Stony Spot	1:24,000.
Soils	Call Mars Link Daluman	0	Very Stony Spot	Warning: Soil Map may not be valid at this scale.
	Soil Map Unit Polygons	Ŷ	Wet Spot	
~	Soil Map Unit Lines	Δ	Other	Enlargement of maps beyond the scale of mapping can cause
	Soil Map Unit Points		Special Line Features	line placement. The maps do not show the small areas of
Special	Special Point Features		atures	contrasting soils that could have been shown at a more detailed scale.
	Borrow Pit	\sim	Streams and Canals	
	Clay Spot	Transport	ation	Please rely on the bar scale on each map sheet for map
衆	Classed Depression	+++	Rails	measurements.
\sim	Closed Depression	~	Interstate Highways	Source of Map: Natural Resources Conservation Service
X	Gravel Pit	~	US Routes	Web Soil Survey URL:
00	Gravelly Spot	\sim	Major Roads	Coordinate System. Web Mercator (EPSG.3657)
0	Landfill	\sim	Local Roads	Maps from the Web Soil Survey are based on the Web Mercator
Α.	Lava Flow	Backgrou	ind	projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the
علله	Marsh or swamp	No.	Aerial Photography	Albers equal-area conic projection, should be used if more
Ŕ	Mine or Quarry			accurate calculations of distance or area are required.
0	Miscellaneous Water			This product is generated from the USDA-NRCS certified data as
0	Perennial Water			of the version date(s) listed below.
\sim	Rock Outcrop			Soil Survey Area: Montgomery County, New York
+	Saline Spot			Survey Area Data: Version 18, Jun 11, 2020
°.°	Sandy Spot			Soil map units are labeled (as space allows) for map scales
-	Severely Eroded Spot			1:50,000 or larger.
٥	Sinkhole			Date(s) aerial images were photographed: Oct 7, 2013—Nov 9
ò	Slide or Slip			2016
ø	Sodic Spot			The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

map unit Legenu	Мар	Unit	Legend
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Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
CFL	Cut and fill land	0.0	0.0%
FL	Fluvaquents, loamy	0.0	0.0%
Fr	Fredon silt loam	5.3	11.2%
HrB	Howard gravelly silt loam, 3 to 8 percent slopes	1.3	2.7%
HrD	Howard gravelly silt loam, 15 to 25 percent slopes	1.2	2.6%
HTF	Howard soils, very steep	13.5	28.3%
LaB	Lansing silt loam, 3 to 8 percent slopes	6.5	13.5%
LaC	Lansing silt loam, 8 to 15 percent slopes	4.9	10.3%
LaD	Lansing silt loam, 15 to 25 percent slopes	2.2	4.7%
PmC	Palmyra gravelly silt loam, 8 to 15 percent slopes	6.2	13.0%
РрВ	Phelps gravelly loam, 3 to 8 percent slopes	3.7	7.9%
PsB	Plainfield loamy sand, 3 to 10 percent slopes	2.8	5.8%
Totals for Area of Interest		47.6	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a

particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Custom Soil Resource Report

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Montgomery County, New York

CFL—Cut and fill land

Map Unit Setting

National map unit symbol: 9tp6 Elevation: 180 to 1,380 feet Mean annual precipitation: 38 to 44 inches Mean annual air temperature: 45 to 48 degrees F Frost-free period: 110 to 170 days Farmland classification: Not prime farmland

Map Unit Composition

Udorthents and similar soils: 70 percent Minor components: 30 percent Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Udorthents

Typical profile

H1 - 0 to 4 inches: gravelly loam H2 - 4 to 70 inches: very gravelly loam

Properties and qualities

Slope: 0 to 15 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Somewhat excessively drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to high (0.06 to 5.95 in/hr)
Depth to water table: About 36 to 72 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Available water capacity: Low (about 5.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 7s Hydrologic Soil Group: A Hydric soil rating: No

Minor Components

Sun

Percent of map unit: 5 percent Landform: Depressions Hydric soil rating: Yes

Angola

Percent of map unit: 5 percent Hydric soil rating: No

llion

Percent of map unit: 5 percent Landform: Depressions Hydric soil rating: Yes

Raynham

Percent of map unit: 5 percent Hydric soil rating: No

Hudson

Percent of map unit: 5 percent Hydric soil rating: No

Alton

Percent of map unit: 5 percent Hydric soil rating: No

FL—Fluvaquents, loamy

Map Unit Setting

National map unit symbol: 9tpl Elevation: 300 to 1,800 feet Mean annual precipitation: 38 to 44 inches Mean annual air temperature: 45 to 48 degrees F Frost-free period: 110 to 170 days Farmland classification: Not prime farmland

Map Unit Composition

Fluvaquents and similar soils: 75 percent *Minor components:* 25 percent *Estimates are based on observations, descriptions, and transects of the mapunit.*

Description of Fluvaquents

Setting

Landform: Flood plains Landform position (two-dimensional): Toeslope Landform position (three-dimensional): Dip Down-slope shape: Concave Across-slope shape: Concave Parent material: Alluvium with highly variable texture

Typical profile

H1 - 0 to 5 inches: gravelly silt loam *H2 - 5 to 70 inches:* very gravelly silt loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to very high (0.06 to 19.98 in/hr)
Depth to water table: About 0 to 12 inches
Frequency of flooding: FrequentNone
Frequency of ponding: Frequent
Calcium carbonate, maximum content: 15 percent

Available water capacity: Moderate (about 6.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 5w Hydrologic Soil Group: B/D Hydric soil rating: Yes

Minor Components

Wayland

Percent of map unit: 5 percent Landform: Flood plains Hydric soil rating: Yes

Granby

Percent of map unit: 5 percent Landform: Depressions Hydric soil rating: Yes

Teel

Percent of map unit: 5 percent Hydric soil rating: No

Hamlin

Percent of map unit: 5 percent Hydric soil rating: No

Saprists

Percent of map unit: 3 percent Landform: Swamps, marshes Hydric soil rating: Yes

Aquents

Percent of map unit: 2 percent Landform: Flood plains Hydric soil rating: Yes

Fr—Fredon silt loam

Map Unit Setting

National map unit symbol: 9tpp Elevation: 250 to 1,200 feet Mean annual precipitation: 38 to 44 inches Mean annual air temperature: 45 to 48 degrees F Frost-free period: 110 to 170 days Farmland classification: Prime farmland if drained

Map Unit Composition

Fredon, poorly drained, and similar soils: 50 percent *Fredon, somewhat poorly drained, and similar soils:* 25 percent *Minor components:* 25 percent Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Fredon, Poorly Drained

Setting

Landform: Depressions Landform position (two-dimensional): Footslope Landform position (three-dimensional): Tread Down-slope shape: Concave Across-slope shape: Linear Parent material: Loamy over sandy and gravelly glaciofluvial deposits

Typical profile

Ap - 0 to 9 inches: silt loam
B21 - 9 to 19 inches: gravelly silt loam
B22 - 19 to 31 inches: very gravelly loam
2C - 31 to 45 inches: stratified very gravelly sand
3C - 45 to 60 inches: stratified silt loam to very fine sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.20 to 1.98 in/hr)
Depth to water table: About 0 to 6 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Available water capacity: Moderate (about 7.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 3w Hydrologic Soil Group: B/D Hydric soil rating: Yes

Description of Fredon, Somewhat Poorly Drained

Setting

Landform: Depressions Landform position (two-dimensional): Footslope Landform position (three-dimensional): Tread Down-slope shape: Concave Across-slope shape: Linear Parent material: Loamy over sandy and gravelly glaciofluvial deposits

Typical profile

Ap - 0 to 9 inches: silt loam
B21 - 9 to 19 inches: gravelly silt loam
B22 - 19 to 31 inches: very gravelly loam
2C - 31 to 45 inches: stratified very gravelly sand
3C - 45 to 60 inches: stratified silt loam to very fine sand

Properties and qualities

Slope: 0 to 3 percent *Depth to restrictive feature:* More than 80 inches *Drainage class:* Somewhat poorly drained

Custom Soil Resource Report

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.20 to 1.98 in/hr) Depth to water table: About 6 to 18 inches Frequency of flooding: None Frequency of ponding: None Calcium carbonate, maximum content: 15 percent Available water capacity: Moderate (about 7.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 3w Hydrologic Soil Group: B/D Hydric soil rating: No

Minor Components

llion

Percent of map unit: 5 percent Landform: Depressions Hydric soil rating: Yes

Madalin

Percent of map unit: 5 percent Landform: Depressions Hydric soil rating: Yes

Phelps

Percent of map unit: 5 percent Hydric soil rating: No

Howard

Percent of map unit: 5 percent Hydric soil rating: No

Raynham

Percent of map unit: 5 percent Hydric soil rating: No

HrB—Howard gravelly silt loam, 3 to 8 percent slopes

Map Unit Setting

National map unit symbol: 9tq2 Elevation: 210 to 1,030 feet Mean annual precipitation: 38 to 44 inches Mean annual air temperature: 45 to 48 degrees F Frost-free period: 110 to 170 days Farmland classification: All areas are prime farmland

Map Unit Composition

Howard and similar soils: 75 percent Minor components: 25 percent Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Howard

Setting

Landform: Terraces, valley trains Landform position (two-dimensional): Summit Landform position (three-dimensional): Tread Down-slope shape: Convex Across-slope shape: Convex Parent material: Gravelly loamy glaciofluvial deposits over sandy and gravelly glaciofluvial deposits, containing significant amounts of limestone

Typical profile

H1 - 0 to 9 inches: gravelly silt loam
H2 - 9 to 19 inches: very gravelly sandy loam
H3 - 19 to 60 inches: very gravelly sandy loam
H4 - 60 to 64 inches: stratified very gravelly loamy sand

Properties and qualities

Slope: 3 to 8 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 5.95 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Available water capacity: Low (about 5.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 2s Hydrologic Soil Group: A Hydric soil rating: No

Minor Components

Palmyra

Percent of map unit: 5 percent Hydric soil rating: No

Colonie

Percent of map unit: 5 percent Hydric soil rating: No

Alton

Percent of map unit: 5 percent Hydric soil rating: No

Unnamed soils

Percent of map unit: 5 percent Hydric soil rating: No

Phelps

Percent of map unit: 5 percent *Hydric soil rating:* No

HrD—Howard gravelly silt loam, 15 to 25 percent slopes

Map Unit Setting

National map unit symbol: 9tq4 Elevation: 230 to 790 feet Mean annual precipitation: 38 to 44 inches Mean annual air temperature: 45 to 48 degrees F Frost-free period: 110 to 170 days Farmland classification: Not prime farmland

Map Unit Composition

Howard and similar soils: 75 percent Minor components: 25 percent Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Howard

Setting

Landform: Terraces, valley trains Landform position (two-dimensional): Backslope Landform position (three-dimensional): Riser Down-slope shape: Convex Across-slope shape: Convex Parent material: Gravelly loamy glaciofluvial deposits over sandy and gravelly glaciofluvial deposits, containing significant amounts of limestone

Typical profile

H1 - 0 to 9 inches: gravelly silt loam

- H2 9 to 19 inches: very gravelly sandy loam
- H3 19 to 60 inches: very gravelly sandy loam
- H4 60 to 64 inches: stratified very gravelly loamy sand

Properties and qualities

Slope: 15 to 25 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 5.95 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Available water capacity: Low (about 5.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 4e Hydrologic Soil Group: A Hydric soil rating: No
Minor Components

Colonie

Percent of map unit: 5 percent Hydric soil rating: No

Palmyra

Percent of map unit: 5 percent Hydric soil rating: No

Alton

Percent of map unit: 5 percent Hydric soil rating: No

Phelps

Percent of map unit: 5 percent Hydric soil rating: No

Lansing

Percent of map unit: 3 percent Hydric soil rating: No

Mohawk

Percent of map unit: 2 percent Hydric soil rating: No

HTF—Howard soils, very steep

Map Unit Setting

National map unit symbol: 9tpt Elevation: 230 to 1,030 feet Mean annual precipitation: 38 to 44 inches Mean annual air temperature: 45 to 48 degrees F Frost-free period: 110 to 170 days Farmland classification: Not prime farmland

Map Unit Composition

Howard and similar soils: 75 percent Minor components: 25 percent Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Howard

Setting

Landform: Terraces, valley trains Landform position (two-dimensional): Backslope Landform position (three-dimensional): Riser Down-slope shape: Convex Across-slope shape: Convex Parent material: Gravelly loamy glaciofluvial deposits over sandy and gravelly glaciofluvial deposits, containing significant amounts of limestone

Typical profile

- H1 0 to 9 inches: gravelly silt loam
- H2 9 to 19 inches: very gravelly sandy loam
- H3 19 to 60 inches: very gravelly sandy loam
- H4 60 to 64 inches: stratified very gravelly loamy sand

Properties and qualities

Slope: 25 to 70 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 5.95 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Available water capacity: Low (about 5.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 7e Hydrologic Soil Group: A Hydric soil rating: No

Minor Components

Mohawk

Percent of map unit: 5 percent Hydric soil rating: No

Palmyra

Percent of map unit: 5 percent *Hydric soil rating:* No

Nunda

Percent of map unit: 5 percent Hydric soil rating: No

Phelps

Percent of map unit: 5 percent Hydric soil rating: No

Lansing

Percent of map unit: 5 percent Hydric soil rating: No

LaB—Lansing silt loam, 3 to 8 percent slopes

Map Unit Setting

National map unit symbol: 2w3mg Elevation: 330 to 1,970 feet Mean annual precipitation: 31 to 57 inches *Mean annual air temperature:* 41 to 50 degrees F *Frost-free period:* 100 to 190 days *Farmland classification:* All areas are prime farmland

Map Unit Composition

Lansing and similar soils: 85 percent *Minor components:* 15 percent *Estimates are based on observations, descriptions, and transects of the mapunit.*

Description of Lansing

Setting

Landform: Till plains, drumlins, hills Landform position (two-dimensional): Backslope, shoulder, summit Landform position (three-dimensional): Side slope, crest Down-slope shape: Convex Across-slope shape: Convex Parent material: Calcareous loamy lodgment till derived from limestone, sandstone, and shale

Typical profile

Ap - 0 to 8 inches: silt loam E - 8 to 13 inches: gravelly silt loam Bt/E - 13 to 21 inches: gravelly silt loam Bt1 - 21 to 28 inches: gravelly silt loam Bt2 - 28 to 39 inches: gravelly silt loam C - 39 to 79 inches: gravelly loam

Properties and qualities

Slope: 3 to 8 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.01 to 1.42 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Available water capacity: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 2e Hydrologic Soil Group: B Ecological site: F101XY012NY - Till Upland Hydric soil rating: No

Minor Components

Conesus

Percent of map unit: 8 percent Landform: Till plains, drumlins, hills Landform position (two-dimensional): Backslope, shoulder, summit Landform position (three-dimensional): Side slope, crest Down-slope shape: Convex Across-slope shape: Convex

Hydric soil rating: No

Kendaia

Percent of map unit: 3 percent Landform: Till plains, drumlins Landform position (two-dimensional): Footslope Landform position (three-dimensional): Base slope Down-slope shape: Concave Across-slope shape: Linear Hydric soil rating: No

Appleton

Percent of map unit: 2 percent Landform: Drumlins, till plains Landform position (two-dimensional): Footslope Landform position (three-dimensional): Base slope Down-slope shape: Concave Across-slope shape: Linear Hydric soil rating: No

Palatine

Percent of map unit: 1 percent Landform: Benches, ridges Landform position (two-dimensional): Summit Landform position (three-dimensional): Crest, tread Down-slope shape: Convex Across-slope shape: Convex Hydric soil rating: No

Danley

Percent of map unit: 1 percent Landform: Till plains, drumlinoid ridges, hills Landform position (two-dimensional): Summit Landform position (three-dimensional): Crest Down-slope shape: Convex Across-slope shape: Convex Hydric soil rating: No

LaC—Lansing silt loam, 8 to 15 percent slopes

Map Unit Setting

National map unit symbol: 2w3mh Elevation: 330 to 2,130 feet Mean annual precipitation: 31 to 57 inches Mean annual air temperature: 41 to 50 degrees F Frost-free period: 100 to 190 days Farmland classification: Farmland of statewide importance

Map Unit Composition

Lansing and similar soils: 85 percent Minor components: 15 percent Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Lansing

Setting

Landform: Till plains, drumlins, hills Landform position (two-dimensional): Summit, shoulder, backslope Landform position (three-dimensional): Crest, side slope Down-slope shape: Convex Across-slope shape: Convex Parent material: Calcareous loamy lodgment till derived from limestone, sandstone, and shale

Typical profile

Ap - 0 to 8 inches: silt loam E - 8 to 13 inches: gravelly silt loam Bt/E - 13 to 21 inches: gravelly silt loam Bt1 - 21 to 28 inches: gravelly silt loam Bt2 - 28 to 39 inches: gravelly silt loam C - 39 to 79 inches: gravelly loam

Properties and qualities

Slope: 8 to 15 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.01 to 1.42 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Available water capacity: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 3e Hydrologic Soil Group: B Ecological site: F101XY012NY - Till Upland Hydric soil rating: No

Minor Components

Conesus

Percent of map unit: 8 percent Landform: Till plains, drumlins, hills Landform position (two-dimensional): Summit, shoulder Landform position (three-dimensional): Crest Down-slope shape: Linear Across-slope shape: Convex Hydric soil rating: No

Kendaia

Percent of map unit: 3 percent Landform: Till plains, drumlins Landform position (two-dimensional): Footslope Landform position (three-dimensional): Base slope *Down-slope shape:* Concave *Across-slope shape:* Linear *Hydric soil rating:* No

Appleton

Percent of map unit: 2 percent Landform: Drumlins, till plains Landform position (two-dimensional): Footslope Landform position (three-dimensional): Base slope Down-slope shape: Concave Across-slope shape: Linear Hydric soil rating: No

Danley

Percent of map unit: 1 percent Landform: Hills, till plains, drumlinoid ridges Landform position (two-dimensional): Summit Landform position (three-dimensional): Crest Down-slope shape: Convex Across-slope shape: Convex Hydric soil rating: No

Wassaic

Percent of map unit: 1 percent Landform: Till plains, benches, ridges Landform position (two-dimensional): Summit Landform position (three-dimensional): Crest Down-slope shape: Convex Across-slope shape: Convex Hydric soil rating: No

LaD—Lansing silt loam, 15 to 25 percent slopes

Map Unit Setting

National map unit symbol: 2w3mf Elevation: 660 to 1,740 feet Mean annual precipitation: 31 to 57 inches Mean annual air temperature: 41 to 50 degrees F Frost-free period: 100 to 190 days Farmland classification: Not prime farmland

Map Unit Composition

Lansing and similar soils: 85 percent Minor components: 15 percent Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Lansing

Setting

Landform: Till plains, drumlins, hills Landform position (two-dimensional): Backslope Landform position (three-dimensional): Side slope Down-slope shape: Convex Across-slope shape: Convex Parent material: Calcareous loamy lodgment till derived from limestone, sandstone, and shale

Typical profile

Ap - 0 to 8 inches: silt loam E - 8 to 13 inches: gravelly silt loam Bt/E - 13 to 21 inches: gravelly silt loam Bt1 - 21 to 28 inches: gravelly silt loam Bt2 - 28 to 39 inches: gravelly silt loam C - 39 to 79 inches: gravelly loam

Properties and qualities

Slope: 15 to 25 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.01 to 1.42 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Available water capacity: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 4e Hydrologic Soil Group: B Ecological site: F101XY012NY - Till Upland Hydric soil rating: No

Minor Components

Conesus

Percent of map unit: 9 percent Landform: Till plains, drumlins, hills Landform position (two-dimensional): Backslope Landform position (three-dimensional): Side slope Down-slope shape: Linear Across-slope shape: Convex Hydric soil rating: No

Wassaic

Percent of map unit: 3 percent Landform: Till plains, benches, ridges Landform position (two-dimensional): Summit Landform position (three-dimensional): Crest Down-slope shape: Convex Across-slope shape: Convex Hydric soil rating: No

Kendaia

Percent of map unit: 2 percent Landform: Till plains, drumlins

Landform position (two-dimensional): Footslope Landform position (three-dimensional): Base slope Down-slope shape: Concave Across-slope shape: Linear Hydric soil rating: No

Appleton

Percent of map unit: 1 percent Landform: Till plains, drumlins Landform position (two-dimensional): Footslope Landform position (three-dimensional): Base slope Down-slope shape: Concave Across-slope shape: Linear Hydric soil rating: No

PmC—Palmyra gravelly silt loam, 8 to 15 percent slopes

Map Unit Setting

National map unit symbol: 9trl Elevation: 330 to 660 feet Mean annual precipitation: 38 to 44 inches Mean annual air temperature: 45 to 48 degrees F Frost-free period: 110 to 170 days Farmland classification: Farmland of statewide importance

Map Unit Composition

Palmyra and similar soils: 75 percent Minor components: 25 percent Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Palmyra

Setting

Landform: Outwash plains, terraces, deltas Landform position (two-dimensional): Shoulder Landform position (three-dimensional): Tread Down-slope shape: Convex Across-slope shape: Convex Parent material: Loamy over sandy and gravelly glaciofluvial deposits, derived mainly from limestone and other sedimentary rocks

Typical profile

H1 - 0 to 9 inches: gravelly silt loam
H2 - 9 to 21 inches: gravelly loam
H3 - 21 to 60 inches: stratified very gravelly sand

Properties and qualities

Slope: 8 to 15 percent *Depth to restrictive feature:* More than 80 inches *Drainage class:* Well drained

Custom Soil Resource Report

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 5.95 in/hr) Depth to water table: More than 80 inches Frequency of flooding: None Frequency of ponding: None Calcium carbonate, maximum content: 15 percent Available water capacity: Low (about 3.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 3e Hydrologic Soil Group: A Hydric soil rating: No

Minor Components

Phelps

Percent of map unit: 5 percent Hydric soil rating: No

Howard

Percent of map unit: 5 percent Hydric soil rating: No

Hamlin

Percent of map unit: 5 percent Hydric soil rating: No

Unadilla

Percent of map unit: 5 percent Hydric soil rating: No

Alton

Percent of map unit: 5 percent Hydric soil rating: No

PpB—Phelps gravelly loam, 3 to 8 percent slopes

Map Unit Setting

National map unit symbol: 9trn Elevation: 250 to 750 feet Mean annual precipitation: 38 to 44 inches Mean annual air temperature: 45 to 48 degrees F Frost-free period: 110 to 170 days Farmland classification: All areas are prime farmland

Map Unit Composition

Phelps and similar soils: 75 percent *Minor components:* 25 percent *Estimates are based on observations, descriptions, and transects of the mapunit.*

Description of Phelps

Setting

Landform: Terraces, valley trains

Landform position (two-dimensional): Summit

Landform position (three-dimensional): Tread

Down-slope shape: Concave

Across-slope shape: Convex

Parent material: Loamy glaciofluvial deposits over sandy and gravelly glaciofluvial deposits, containing significant amounts of limestone

Typical profile

H1 - 0 to 7 inches: gravelly loam

H2 - 7 to 13 inches: gravelly silt loam

H3 - 13 to 25 inches: gravelly silt loam

H4 - 25 to 35 inches: gravelly silt loam

H5 - 35 to 60 inches: stratified very gravelly sand

Properties and qualities

Slope: 3 to 8 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Moderately well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: About 18 to 24 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Available water capacity: Low (about 5.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 2e Hydrologic Soil Group: B/D Hydric soil rating: No

Minor Components

Copake

Percent of map unit: 5 percent Hydric soil rating: No

Palmyra

Percent of map unit: 5 percent Hydric soil rating: No

Howard

Percent of map unit: 5 percent Hydric soil rating: No

Teel

Percent of map unit: 5 percent Hydric soil rating: No

Scio

Percent of map unit: 5 percent *Hydric soil rating:* No

PsB—Plainfield loamy sand, 3 to 10 percent slopes

Map Unit Setting

National map unit symbol: 9trr Elevation: 720 to 1,150 feet Mean annual precipitation: 38 to 44 inches Mean annual air temperature: 45 to 48 degrees F Frost-free period: 110 to 170 days Farmland classification: Not prime farmland

Map Unit Composition

Plainfield and similar soils: 80 percent Minor components: 20 percent Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Plainfield

Setting

Landform: Outwash plains, terraces, deltas Landform position (two-dimensional): Summit Landform position (three-dimensional): Tread Down-slope shape: Convex Across-slope shape: Convex Parent material: Sandy glaciofluvial or deltaic deposits

Typical profile

H1 - 0 to 8 inches: loamy sand H2 - 8 to 32 inches: coarse sand H3 - 32 to 78 inches: coarse sand

Properties and qualities

Slope: 3 to 10 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Excessively drained
Capacity of the most limiting layer to transmit water (Ksat): High to very high (5.95 to 19.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water capacity: Low (about 3.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 3s Hydrologic Soil Group: A Ecological site: F144AY022MA - Dry Outwash Hydric soil rating: No

Minor Components

Otisville

Percent of map unit: 5 percent *Hydric soil rating:* No

Colonie

Percent of map unit: 5 percent *Hydric soil rating:* No

Alton

Percent of map unit: 5 percent *Hydric soil rating:* No

Elnora

Percent of map unit: 5 percent Hydric soil rating: No

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Phase I Environmental Site Assessment

Proposed PV Array

2621 NY-5S Fultonville, New York 12072

EBI Project No. 1120005197

October 21, 2020



Prepared for:

Borrego Solar Systems, Inc. 30 Century Hill Drive, Suite 301 Latham, NY 12110





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October 21, 2020

Mr. Josh Koppel Borrego Solar Systems, Inc. 30 Century Hill Drive, Suite 301 Latham, NY 12110

Subject: Phase I Environmental Site Assessment Proposed PV Array 2621 NY-5S, Fultonville, New York EBI Project No. 1120005197

Dear Mr. Koppel:

Attached please find our Phase I Environmental Site Assessment (the report) for the above-mentioned asset (the Subject Property). During the survey and research, our surveyor met with agents representing the Subject Property, or agents of the owner, and reviewed the Subject Property and its history. The report was completed according to the terms and conditions authorized by you. This report has been completed in conformance with the ASTM Standard E 1527-13 and the Master Services Agreement, entered into March 28, 2016, by and between Borrego Solar Systems, Inc. and EnviroBusiness, Inc.

The purpose of this report is to assist Borrego Solar Systems, Inc. in its underwriting of ownership or investment in a Photovoltaic (PV) Solar Array (the "System") to be located on the Subject Property described herein.

This report is addressed to Borrego Solar Systems, Inc. and their successors and assigns. Reliance on the report and the information contained herein shall mean (i) the report may be relied upon by Borrego Solar Systems, Inc. in determining whether to acquire or invest in the System, which is located on the Subject Property; (ii) the report may be relied upon by any investor in determining whether to acquire or invest in the System from or Borrego Solar Systems, Inc., or acquire or invest in an interest in Borrego Solar Systems, Inc.; (iii) the report may be referred to in and included, in whole or in part, with materials offering for sale of the System or an interest in Borrego Solar Systems, Inc.; (iv) the report speaks only as of its date in the absence of a specific written update of the report signed and delivered by EBI Consulting.

There are no intended or unintended third party beneficiaries to this report, except as expressly stated herein.

EBI is an independent contractor, not an employee of either the issuer or the borrower, and its compensation was not based on the findings or recommendations made in the report or on the closing of any business transaction.

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

Thank you very much for the opportunity to provide environmental consulting services to Borrego Solar Systems, Inc.. Should you have any questions or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted, **EBI CONSULTING**



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jouathat

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EXECUTIVE SUMMARY

At the request of Borrego Solar Systems, Inc., EBI has performed a Phase I Environmental Site Assessment (ESA) of the property located at 2621 NY-5S in Fultonville, New York, herein referred to as the Subject Property. The main objective of this ESA was to identify *recognized environmental conditions* in connection with the Subject Property, defined in ASTM Practice E 1527-13 as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to any release to the environment, 2) under conditions indicative of a release to the environment, or 3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions. This ESA also includes a preliminary evaluation of certain potential environmental conditions that are outside the scope of ASTM Practice E 1527-13.

The Subject Property includes one irregular-shaped parcel, totaling approximately 45.7 acres. At the time of the assessment, the Subject Property consisted primarily of undeveloped grassland on the western portion and woodland along the eastern portion. No structures or other development were observed on the Subject Property. There are currently no manufacturing or industrial operations conducted at the Subject Property.

Below is the Assessment Summary Table presenting our recommended actions for the Subject Property. EBI's Findings and Opinions are presented in Section 8.0, and recommendations for further action or investigation are presented in Section 9.0.

Report	Section	No	REC	HREC	CREC	Other	Recommended	Estimated
•		Further					Action	Cost
		Action						
2.3	Current Use of the	Х						
	Subject Property							
2.5	Adjoining Properties	Х						
4.1	Standard	Х						
	Environmental							
	Records							
4.1.3	Vapor Migration	Х						
4.2	Historical Use of the	Х						
	Subject Property and							
	Adjoining Properties							
5.2	Hazardous	Х						
	Substances and							
	Petroleum Products							
5.3	Waste Generation,	Х						
	Storage, and Disposal							
5.4	Underground	Х						
	Storage Tanks							
	(USTs) &							
	Aboveground							
	Storage Tanks							
	(ASTs)							
5.5	Oil-Containing	Х						
	Equipment and							
	Polychlorinated							
	Biphenyls (PCBs)							
5.6	Additional Site	Х						
	Conditions							
7.1	Asbestos-Containing	Х						
	Material (ACM)							
7.2	Radon	Х						
7.3	Lead-Based Paint	Х						
	(LBP)							
7.4	Lead in Drinking	Х						
	Water							

1.0 INTRODUCTION

This report documents the findings, opinions, and conclusions of a Phase I Environmental Site Assessment (ESA) of the property located at 2621 NY-5S in Fultonville, New York.

1.1 PURPOSE

The purpose of this ESA was to identify *recognized environmental conditions* and certain environmental conditions outside the scope of ASTM Practice E 1527-13 in connection with the property at the time of the property reconnaissance.

1.2 SCOPE-OF-SERVICES

This ESA was conducted utilizing a standard of good commercial and customary practice that was consistent with the ASTM Practice E 1527-13. Any significant scope-of-work additions, deletions or deviations to ASTM Practice E 1527-13 are noted below or in the corresponding sections of this report. The scope-of-work for this assessment included an evaluation of the following:

- Physical characteristics of the Subject Property through a review of referenced sources for topographic, geologic, soils and hydrologic data.
- Subject Property history through a review of referenced sources such as land deeds, fire insurance maps, city directories, aerial photographs, prior reports, and interviews.
- Current Subject Property conditions, including observations and interviews regarding the following: the presence or absence of hazardous substances or petroleum products; generation, treatment, storage, or disposal of hazardous, regulated, or biomedical waste; equipment that utilizes oils which potentially contain PCBs; and storage tanks (aboveground and underground).
- Usage of surrounding area properties and the likelihood for releases of hazardous substances and petroleum products (if known and/or suspected) to migrate onto the Subject Property.
- Information in referenced environmental agency databases and local environmental records, within specified minimum search distances.
- Past ownership through a review of available prior reports and local municipal file review.

The scope-of-work also included consideration of the following potential environmental conditions that are outside the scope of ASTM Practice E 1527-13: asbestos-containing materials (ACM), lead-based paint (LBP), lead in drinking water and radon.

1.3 ASSUMPTIONS, LIMITATIONS AND EXCEPTIONS

This Phase I Environmental Site Assessment (the report) has been prepared for the use of Borrego Solar Systems, Inc., in accordance with our Standard Terms and Conditions for Third Party Due Diligence Services approved and signed by Borrego Solar Systems, Inc. (the Agreement), and with the limitations described below, all of which are integral parts of this report. A copy of the signed Standard Terms and Conditions for Third Party Due Diligence Services is maintained at the EBI Consulting office in Burlington, Massachusetts. To the extent any provisions of this report conflict with the terms of the Agreement, the Agreement will control.

EBI has performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. This report was prepared with no exceptions or deletions from ASTM Standard E 1527-13.

This Phase I Environmental Site Assessment has been prepared to assess a parcel of commercial real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) and petroleum products. As such, this practice is intended to permit Borrego Solar Systems, Inc. to satisfy one of the requirements to qualify for the innocent

landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability: that is, the practices that constitute "all appropriate inquiry into the previous ownership and uses of the Subject Property consistent with good commercial or customary practice" as defined in 42 U.S.C. §9601(35)(B).

In defining a standard of good commercial and customary practice for conducting an environmental site assessment of a parcel of property, the goal of the processes established by this practice is to identify *recognized environmental conditions*. The term recognized environmental conditions means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property (1) due to a release to the environment, (2) under conditions that indicate an existing release or a past release, or (3) under conditions that pose a material threat of a future release of any hazardous substances or petroleum products substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term does not include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

The information reported was obtained through sources deemed reasonably ascertainable, as defined in ASTM Standard E 1527-13; a visual site survey of areas readily observable, easily accessible or made accessible by the Subject Property contact and interviews with owners, agents, occupants, or other appropriate persons involved with the Subject Property and a review of standard federal, state, and tribal environmental record sources. Municipal information was obtained through review of reasonably ascertainable standard government record sources and interviews with the authorities having jurisdiction over the Subject Property. Findings, conclusions, and recommendations included in the report are based on our visual observations in the field, the standard environmental record sources and municipal information reasonably obtained, information provided by the Client, and/or a review of readily available and supplied documents and drawings. EBI relies completely on the information, whether written, graphic, or verbal, provided by the Subject Property contact or as shown on any documents reviewed or received from the Subject Property contact, owner or agent, or municipal source, and assumes that information to be true and correct unless the information is known to be inaccurate or if it is obvious, based on other information obtained as part of the assessment, that the information is not accurate. Although there may have been some degree of overlap in the information provided by these various sources, EBI did not attempt to verify independently the accuracy or completeness of all information reviewed or received during the course of these environmental services.

The information reported, as well as EBI's findings, conclusions, and recommendations are based upon sources deemed reasonably ascertainable, as defined in ASTM Standard E 1527-13; a visual site survey of areas readily observable, easily accessible or made accessible by the Subject Property contact and interviews with owners, agents, occupants, or other appropriate persons involved with the Subject Property and a review of standard federal, state, and tribal environmental record sources. Municipal information was obtained through review of reasonably ascertainable standard government record sources and interviews with authorities having jurisdiction over the Subject Property. Borrego Solar Systems, Inc. agrees that EBI has no obligation to independently verify the accuracy or completeness of the information reviewed or received during the course of these environmental services.

EBI renders no opinion as to the presence of hazardous substances or petroleum products in, on or under un-surveyed and/or inaccessible portions of the Subject Property. Unsurveyed and inaccessible portions of the Subject Property are described below. In addition, EBI renders no opinion as to the presence of hazardous substances or petroleum products in, on or under the Subject Property where direct observation of the interior walls, floor, or ceiling of a structure was obstructed by objects or coverings on or over these surfaces.

EBI Services and opinions are based on the scientific or technical tests or procedures specifically set forth in the scope of the Services described in this report. The ASTM Standard E 1527-13 does not encompass analytical testing to evaluate asbestos containing materials, radon, lead-based paint, drinking water quality, indoor air quality, stored chemicals, debris, fill materials, surface water, or subsurface samples (soil and groundwater) as part of a Phase I ESA. Because geologic and soil formations are inherently random, variable, and indeterminate in nature, the Services and opinions provided under this Agreement are not guaranteed to be a representation of actual conditions on the Subject Property, which are also subject to change with time as a result of natural or man-made processes, including water permeation. In performing the Services, EBI used that degree of care and skill ordinarily exercised by environmental consultants or engineers performing similar services in the same or similar locality at the same time and under similar circumstances. No other representation, expressed or implied, and no warranty or guarantee is included or intended. The report

speaks only as of its date, in the absence of a specific written update of the report, signed and delivered by EBI. Additional information that becomes available after our survey and draft submission concerning the Subject Property should be provided to EBI so that our conclusions may be revised and modified if necessary, at additional cost.

Client and EBI agree that to the fullest extent permitted by law, EBI shall not be liable to Client for any special, indirect, consequential, punitive, exemplary, incidental or indirect damages or losses whatsoever, whether caused by EBI's negligence, errors, omissions, strict liability, breach of contract, breach of warranty or other cause or causes whatsoever.

The assessment was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession, and in accordance with generally accepted practices of other consultants currently practicing in the same locality under similar conditions.

1.4 SPECIAL TERMS AND CONDITIONS

This Phase I Environmental Site Assessment (the report) has been prepared to assist Borrego Solar Systems, Inc. in its underwriting of ownership or investment in the System to be located on the Subject Property. This report can be relied upon by only the parties stated in the transmittal letter at the front of this report. EBI's liability to a purchaser wishing to use this report is limited to the cost of the report. Amendments to EBI's limitations as stated herein that may occur after issuance of the report are considered to be included in this report. Payment for the report is made by, and EBI's contract and report extends to Borrego Solar Systems. Inc. only, in accordance with our Standard Conditions for Engagement, and Authorization letter and Agreement for Environmental Services.

1.5 DATA GAPS

Any data gaps identified herein, as defined by ASTM Practice E 1527-13 § 3.2.20, are not considered to have significantly affected the ability to identify recognized environmental conditions in connection with the Subject Property and do not alter the conclusions of this report.

2.0 SUBJECT PROPERTY DESCRIPTION

2.1 OWNERSHIP AND LOCATION

According to the Montgomery County Assessor's Office, the Subject Property is currently owned by Jeffrey A Lanfear.

The Subject Property is located at 2621 NY-5S in Fultonville, Montgomery County, New York. The Subject Property includes one irregular-shaped parcel, identified by the Montgomery County Assessor's Office as 53.3-1-13, totaling approximately 45.7 acres. The Subject Property is located approximately 780 feet east of the intersection of NY Route 5S and Auriesville Road. Figure 1 - Location Map depicts the location of the Subject Property on a street map of Fultonville, New York. Figure 2 - Locus Map depicts the location of the Subject Property on the Tribes Hill, New York United States Geological Survey (USGS) 7.5 Minute Topographic Quadrangle. Figure 3 - Site Plan depicts the configuration of the Subject Property and adjoining properties.

2.2 SUBJECT PROPERTY IMPROVEMENTS

At the time of the assessment, the Subject Property consisted primarily of undeveloped land on the western portion and woodland along the eastern portion. No structures or other development were observed on the Subject Property.

2.3 CURRENT USE OF THE SUBJECT PROPERTY

At the time of assessment, the Subject Property was comprised of undeveloped grassland and woodland.

2.4 MUNICIPAL SERVICES & UTILITIES

The Subject Property is serviced by the following municipal services and utilities:

MUNICIPAL SERVICES AND UTILITIES			
Utility	Provider/Source		
Potable Water Supply	Not provided		
Sewage Disposal System	Not provided		
Electrical Service	National Grid		
Natural Gas Service	Not provided		
Oil Service	Not provided		
Heating/Cooling Systems	Not provided		
Emergency Power	Not provided		

2.5 ADJOINING PROPERTIES

Property use in the vicinity of the Subject Property is primarily characterized by residential as well as agricultural and undeveloped wooded land.

ADJOINING PROPERTIES				
Direction	Findings			
North	The Subject Property is bound to the north by State Route 5S and woodland, beyond which is woodland.			
South	The Subject Property is bound to the south by agricultural development, beyond which is woodland.			
East	The Subject Property is bound to the east by woodland, beyond which is undeveloped grassland and residential development.			
West	The Subject Property is bound to the west by residential development and undeveloped grassland.			

No visual evidence of adverse environmental conditions was observed during the survey of the adjoining properties.

2.6 PHYSICAL SETTING

2.6.1 Topography

The Subject Property is located at an elevation of approximately 370 feet above mean sea level (msl). The topography of the Subject Property is relatively flat and slopes gently to the east. The Subject Property is located in a relatively flat area, and the general slope of the surrounding region is to the north-northwest (see Figure 2, which depicts the location of the Subject Property on the Tribes Hill, New York USGS 7.5 Minute Topographic Quadrangle).

2.6.2 Geology and Soils

No bedrock outcroppings were observed at the Subject Property. Information concerning the geology of the Subject Property was obtained from the USGS Ground Water Atlas of the United States, New York region (1995), and the Salem (MA) State College, Department of Geological Sciences website. The Subject Property is located within the Adirondack physiographic province, which consists of mountainous topography with valleys formed by differential weathering and glacial scouring along Precambrian joints and faults.

According to the Natural Resources Conservation Service (NRCS) Web Soil Survey (WSS) website (http://websoilsurvey.nrcs.usda.gov/app/), the dominant soil composition in the vicinity of the Subject Property is classified as Howard gravelly loam. This soil consists of deep, well-drained to excessive well-drained sands and gravel. The soil extends to a depth of 64 inches. The depth to groundwater and bedrock is typically greater than zero inches.

2.6.3 Hydrogeology and Hydrology

No natural surface water bodies were identified on or adjacent to the Subject Property. Revine Creek is located on the eastern portion of the Subject Property. The creek discharges to the Mohawk River approximately 950 feet north of the Subject Property.

Local groundwater gradient is expected to follow surface topography; therefore, groundwater flow near the Subject Property is expected to flow to the east. Groundwater depths and flow gradients are best evaluated by a subsurface investigation involving the installation of at least three groundwater monitoring wells and precise measurements of hydrostatic pressure. Monitoring wells were not observed on the Subject Property.

3.0 USER PROVIDED INFORMATION

The following section summarizes information provided by Borrego Solar Systems, Inc., the User, with regard to this Phase I Environmental Site Assessment. Additionally, a User Questionnaire was forwarded to the designated client contact. The User Questionnaire has been completed and returned to our offices. The information requested in the User Questionnaire is intended to assist in gathering information that may be material to identifying recognized environmental conditions in connection with the Subject Property. The User Questionnaire and any additional documentation referenced below is presented in Appendix C.

3.1 TITLE RECORDS

Title record information associated with the Subject Property has not been provided to EBI by the User. A detailed discussion regarding review of information obtained from other sources is presented in Section 4.2.3 of this report.

3.2 ENVIRONMENTAL LIENS AND ACTIVITY AND USE LIMITATIONS

The User has provided no information regarding environmental liens or activity and use limitations in connection with the Subject Property. A discussion regarding environmental liens is presented in Section 4.2.5 of this report. A detailed discussion regarding activity and use limitations is presented in Sections 4.1.1 and 4.1.2 of this report.

3.3 SPECIALIZED KNOWLEDGE

The User provided no specialized knowledge that is material to recognized environmental conditions in connection with the Subject Property. EBI was not provided with or made aware of previous environmental assessments or other documentation that is material to recognized environmental conditions in connection with the Subject Property, except as presented in Section 4.2.6 of this report.

3.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

The User has provided no commonly known or reasonably ascertainable information within the local community about the Subject Property that is material to recognized environmental conditions in connection with the Subject Property.

3.5 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

The User has provided no information regarding valuation reduction for environmental issues in connection with the Subject Property.

3.6 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION

The User provided contact information for the Subject Property owner, manager and/or occupants.

3.7 REASON FOR PERFORMING PHASE I ESA

The User retained EBI to complete this Phase I Environmental Site Assessment in connection with a real estate transaction.

4.0 RECORDS REVIEW

4.1 STANDARD ENVIRONMENTAL RECORDS

A review of standard environmental databases maintained by Federal, state, and tribal offices was completed through Environmental Data Resources, Inc. (EDR) of Shelton, Connecticut. The databases were searched for properties with reported environmental conditions located within approximate minimum search distances as specified by ASTM Standard E 1527-13, by using geocoding information that identified the coordinates of the properties in the databases or by checking the street addresses of practically reviewable non-geocoded "orphan" properties within the same zip code. The database report is presented in Appendix E.

The database report identified one "orphan site". Orphan sites are those sites that could not be accurately mapped or geocoded due to inadequate location information. EBI attempted to locate this site via vehicular reconnaissance and interviews with personnel familiar with the area. Based on this research, EBI did not identify the listed orphan site within the approximate minimum search distances that may be considered likely to have impacted conditions at the Subject Property.

It should be noted that plotted locations of listed sites are not always accurate. With regard to listings that are determined or suspected to be inaccurate, based on information from other sources such as direct observation or consultation with individuals familiar with the property, EBI uses the best available data when evaluating the location of listed sites discussed below.

The following table provides a summary of the findings of the environmental database report. Specific properties identified within the database report are further discussed in the sections below. Properties that are identified within the database report that are not discussed further in the sections below are not considered to be a concern to the Subject Property based on one or more of the following rationale: absence of reported releases, current regulatory status, distance, presumed hydrogeologic gradient and/or nature/extent of contamination.

SUMMARY OF FEDERAL, STATE, AND TRIBAL AGENCY DATABASE FINDINGS								
Database	Target	Search	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total
	Property	Distance						Plotted
		(Miles)						
NPL	-	1	0	0	0	0	NR	0
Delisted NPL	-	1	0	0	0	0	NR	0
CORRACTS	-	1	0	0	0	0	NR	0
RCRA-TSDF	-	0.5	0	0	0	NR	NR	0
RCRA-LQG	-	0.25	0	0	NR	NR	NR	0
RCRA-SQG	-	0.25	0	0	NR	NR	NR	0
US ENG CONTROLS	-	0.5	0	0	0	NR	NR	0
ERNS	-	0.125	0	NR	NR	NR	NR	0
SEMS	-	0.5	0	0	0	NR	NR	0
SEMS-ARCHIVE	-	0.5	0	0	0	NR	NR	0
US INST CONTROLS	-	0.5	0	0	0	NR	NR	0
RCRA-VSQG	-	0.25	0	0	NR	NR	NR	0
SHWS	-	1	0	0	0	0	NR	0
SWF/LF	-	0.5	0	0	0	NR	NR	0
LTANKS	-	0.5	0	0	1	NR	NR	1
UST	-	0.25	0	0	NR	NR	NR	0
AST	-	0.25	0	0	NR	NR	NR	0
SPILLS	-	0.125	0	NR	NR	NR	NR	0
ENG CONTROLS	-	0.5	0	0	0	NR	NR	0
INST CONTROL	-	0.5	0	0	Ō	NR	NR	0
VCP	-	0.5	0	0	Ō	NR	NR	0
BROWNFIELDS	-	0.5	0	0	0	NR	NR	0

4.1.1 Federal, State and Tribal Agency Database Records

National Priority List (NPL)

The NPL database, also known as the Superfund List, is a subset of CERCLIS and identifies sites that are ranked as high priority for remedial action under the Federal Superfund Act and is searched to 1.0 mile.

Delisted National Priority List (NPL)

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites may be deleted from the NPL where no further response is appropriate. The Delisted NPL database is searched to 0.5 mile.

Superfund Enterprise Management System (SEMS)

SEMS tracks federal hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of the USEPA's Superfund Program. The list was formerly known as CERCLIS and was renamed at the end of 2015. The list contains data regarding potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies, and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). SEMS also contains sites that are either proposed to or on the National Priority List (NPL), as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. SEMS is searched to 0.5 mile.

SEMS - ARCHIVE

SEMS - ARCHIVE tracks sites that have been removed from the SEMS list. This list was formerly known as the CERCLIS- NFRAP list and was renamed SEMS - Archive at the end of 2015. SEMS-ARCHIVE sites may be sites where, following an initial investigation, no contamination was found, contamination was removed without the need for the site to be placed on the NPL, or the contamination was not considered sufficient to warrant Federal Superfund action or NPL consideration. SEMS - Archive is searched to 0.5 mile.

Resource Conservation and Recovery Act (RCRA) - Corrective Action Tracking System (CORRACTS)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information regarding sites that generate, transport, store, treat, and/or dispose of hazardous waste as defined by RCRA. The RCRA-CORRACTS database identifies TSD facilities that have conducted, or are currently conducting, corrective action(s) as regulated under RCRA and is searched to 1.0 mile.

RCRA non-CORRACTS Treatment, Storage and/or Disposal (TSD) Facilities

RCRA non-CORRACTS Treatment, Storage and/or Disposal (TSD) facilities are required to register hazardous waste activity under the Resource Conservation and Recovery Act (RCRA), and the database is searched to 0.5 mile.

RCRA Hazardous Waste Generators

Hazardous waste generators tracked under the Resource Conservation and Recovery Act (RCRA) are classified as either Large Quantity Generators (LQGs), Small Quantity Generators (SQGs), or Conditionally Exempt Small Quantity Generators (CESQG). A RCRA-LQG is defined as a facility that generates over 1,000 kilograms (Kg) of hazardous waste, or over 1 Kg of acutely hazardous waste per month. A RCRA-SQG is defined as a facility that generates between 100 Kg and 1,000 Kg of hazardous waste per month. A RCRA-SQG is defined as a facility that generates less than 100 Kg of hazardous waste, or less than 1 Kg of acutely hazardous waste per month. RCRA-CESQG is defined as a facility that generates less than 100 Kg of hazardous waste, or less than 1 Kg of acutely hazardous waste per month. RCRA Hazardous Waste Generator listings are searched for the Subject Property and adjacent properties only.

Federal Engineering Control / Institutional Control Registries

The completion of site cleanup activities may include the implementation of engineering controls or institutional controls as part of the response action. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls. Federal Engineering Control / Institutional Control Registries are searched to 0.5 mile.

Emergency Response Notification System (ERNS)

ERNS is a national database used to collect information regarding reported releases of petroleum products and/or hazardous substances. The database contains information from spill reports submitted to Federal agencies, including the EPA, the U.S. Coast Guard, the National Response Center, and the U.S. Department of Transportation. A review of this database was conducted in order to determine whether any spills or incidents involving releases of hazardous substances or petroleum products have occurred at the Subject Property.

State and Tribal equivalent NPL Sites and CERCLIS Sites

State and tribal equivalent NPL and CERCLIS databases were searched for sites located within 1.0 mile and 0.5 mile of the Subject Property, respectively.

State and Tribal Spills Sites (Spills)

A review of available Spills databases was conducted in order to determine whether any spills or incidents involving releases of hazardous substances or petroleum products have occurred at the Subject Property.

State and Tribal Landfill Sites and Solid Waste Disposal Sites

The state and tribal landfill and solid waste disposal site databases identify active or inactive landfill and transfer station facilities, as well as open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites and are searched to 0.5 mile.

State and Tribal Registered Storage Tank Sites

The State Registered Storage Tank database is a listing of sites with registered above ground and/or underground storage tanks and is searched for Subject Property listings and adjoining property listings.

State and Tribal Leaking Storage Tank Sites

Leaking Storage Tank Sites are properties where releases of hazardous substances or petroleum products from underground storage tanks (USTs) and/or aboveground storage tanks (ASTs) have been identified and reported to state, tribal, or local agencies. State and Tribal Leaking Storage Tank databases are searched to 0.5 mile.

Voluntary Cleanup Program (VCP) Properties

The Voluntary Cleanup Program (VCP) database identifies sites that are undergoing self-directed investigation/cleanups under the guidance of the state regulatory agency. The VCP database is searched to 0.5 mile.

State and Tribal Engineering Control / Institutional Control Registries

The completion of site cleanup activities may include the implementation of engineering controls or institutional controls as part of the response action. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls. State and Tribal Engineering Control / Institutional Control Registries are searched to 0.5 mile.

State and Tribal Brownfields Sites

Brownfields are properties for which the expansion, redevelopment, or reuse may be complicated by the presence or potential presence of a hazardous substance, pollutant or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Listing as a Brownfield site or a property that may be within a larger designated Brownfield area, does not necessarily indicate the property itself is contaminated. State and Tribal Brownfield databases were searched to 0.5 mile.

Detail Summary			
Site Name:	AURIESVILLE SHRINE SHRINE RD		
Databases:	LTANKS		
Address:	136 SHRINE RD		
Distance:	2,468 feet		
Direction:	East		
Gradient:	Higher		
ID No.:	Spill No. 0208292		

Comments:	Spill Date: 2002-11-11
	Spill Cause: Tank Test Failure
	Media Impacted: Not reported
	Status: Closed
	Closure Date: 2003-05-07

Federal, State and Tribal Agency Database Records Summary

The identified State Agency Database listing is not considered an environmental concern to the Subject Property based on one or more of the following rationale: absence of reported releases, current regulatory status, distance, presumed hydrogeologic gradient and/or nature/extent of contamination.

4.1.2 Local Regulatory Agency Records

Local municipal offices consulted during the completion of this assessment included the following:

Town of Fultonville

EBI has submitted a written request to the Town of Fultonville for information regarding the generation, transportation, storage, treatment, disposal, and/or spills or releases of hazardous substances or petroleum products at the Subject Property, in accordance with the Freedom of Information Act (FOIA). As of the date of this report, EBI has not received a response to this inquiry. Upon receipt of the agency response, if the provided information has a material effect on the findings of this report, EBI will forward this information as an addendum to this report. If no response is received, or no material information is identified, our report will not be modified.

4.1.3 Vapor Migration

EBI conducted a vapor migration screening survey of the Subject Property. EBI's site observations and review of the environmental database report (cited in Section 4.1) did not identify any conditions on the Subject Property or on adjoining properties that would indicate a REC relative to vapor migration at the Subject Property.

This vapor migration screening was conducted in accordance with ASTM E1527-13 and is not intended to satisfy the requirements of ASTM E2600-15. The scope of this screening was limited to visual observations and review of the environmental database report and did not include the collection and laboratory analysis of air samples to confirm or refute the presence of airborne contaminants by vapor intrusion.

4.2 HISTORICAL USE OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES

EBI attempted to determine the history of the Subject Property dating back to 1940 or first developed use.

No environmentally significant conditions were identified on the Subject Property or surrounding properties during the historical review. The Subject Property appears to have been agricultural and undeveloped land dating back to at least 1895. The historical use of the Subject Property and surrounding area is summarized in the following sections.

4.2.1 Aerial Photographs and Maps

Historical aerial photographs and historical fire insurance maps may be used to evaluate changes in land use and to identify visible/labeled areas of potential environmental concern. Historical topographic maps provide information related to physical land configuration such as elevation, ground slope, surface water and other features. While most buildings in densely developed urban centers are not depicted, topographic maps typically show structures equal to or larger than the size of a single-family residence in rural areas. Other notable features such as woods, pipelines, municipal boundaries, and areas of filled land are often marked on topographic maps.

A search for historical aerial photographs, historical fire insurance maps and historical topographic maps depicting the Subject Property and vicinity was conducted by Environmental Data Resources, Inc. (EDR). The

EDR Report indicated that fire insurance map coverage for the vicinity of the Subject Property was not available. A copy of the search documentation letter is presented in Appendix F. Historical images depicting the Subject Property reviewed are summarized in the following table. Copies of the images are presented in Appendix F.

	AERIAL PHOTOGRAPH AND MAP SUMMARY						
Period	Subject Property Historical	Surrounding Area Historical	Source(s)				
	Uses	Uses					
1896, 1898,	The Subject Property is comprised	Areas surrounding the Subject	Aerial Photographs				
1902	primarily of undeveloped land. A	Property are primarily undeveloped	Topographic Maps				
	creek is depicted on the eastern	with the exception of residential					
	portion of the property.	development to the east and west					
		along NY-5S.					
1944, 1946,	The Subject Property is comprised	Conditions on the surrounding	Aerial Photographs				
1957, 1959,	primarily of undeveloped land. Two	properties are similar to those	Topographic Maps				
1978, 1980,	structures are depicted on the	depicted on the previous map.					
1985, 1988,	northern portion of the property.						
1995, 2006,	A creek is depicted on the eastern						
2009, 2013,	portion of the property.						
2017							

4.2.2 Street Directories

Street directories are commercial publications containing names and addresses, and in many cases, occupations of the occupants of a particular community. The directories may also contain information pertaining to business processes conducted within a community. A search for historical street directories was conducted by Environmental Data Resources, Inc. (EDR). Historical street directories were reviewed and are summarized in the following table. Copies of the street directories are presented in Appendix F.

	STREET DIRECTORY SUMMARY				
Year	Issues	Occupants			
	Noted				
1992,	No	NY-5S is not listed in the research source.			
1995,					
2000					
2005,	No	The Subject Property is not listed in the research source. Surrounding properties are residential			
2010		in nature.			
2014	No	NY-5S is not listed in the research source.			

4.2.3 Recorded Land Title Records

Land title records provide information on previous ownership of a property. Typically, deeds signifying transfer of a land parcel are recorded in county files and can be researched to determine the identity of past owners. A "chain of title" is a continuous record of ownership for a specific parcel. A 50-year chain of title search was not included in the scope of work for this assessment.

4.2.4 Property Tax Records

The property card for the Subject Property was obtained from the Montgomery County Assessor's Office. The property card identifies the current owner as Jeffrey A Lanfear, which acquired the Subject Property in 2013. A listing of the former Subject Property owners was not available for review. Copies of the property tax records are presented in Appendix C.

4.2.5 Environmental Liens and Activity and Use Limitations

A search for Environmental Liens and Activity and Use Limitations was not included in the scope of this assessment.

4.2.6 Previous Environmental Reports

EBI was not provided with or made aware of previous environmental assessments or other documentation regarding environmental investigations performed for the Subject Property. EBI did not identify previous environmental reports for the Subject Property at local agencies or other sources contacted during this assessment.

4.2.7 Other Historical Records and Interviews

Mr. Jeffrey Lanfear, Subject Property Owner, was interviewed to obtain information regarding the history of the Subject Property. According to Mr. Lanfear, he has been familiar with the Subject Property for approximately 68 years, and the land has been barren grassland since the 1990s. Prior to the 1990s, the land was partially utilized for agricultural use.

5.0 SUBJECT PROPERTY RECONNAISSANCE

The Subject Property reconnaissance was conducted by Bill Upfold, EBI Field Assessor, on October 16, 2020. Mr. Upfold was unaccompanied during the visit, however interviewed Mr. Jeffrey Lanfear, the Subject Property Owner.

5.1 METHODOLOGY AND LIMITING CONDITIONS

The Subject Property reconnaissance consisted of visual and/or physical observations of the Subject Property and improvements, adjoining properties as viewed from the Subject Property boundaries, and the surrounding area based on visual observations made from adjacent public thoroughfares. Unimproved portions of the Subject Property were observed along the perimeter and in a general grid pattern in safely accessible areas.

At the time of the survey, the weather was overcast and approximately 55 degrees Fahrenheit. Note that dense vegetation and ground cover precluded comprehensive visual examination of the ground surface over much of the undeveloped portions of the Subject Property. There were no other significant portions of the Subject Property that were inaccessible or excluded from this survey.

5.2 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS

5.2.1 Hazardous Substances and Petroleum Products (Identified Uses)

No notable hazardous substances or petroleum products were identified.

5.2.2 Hazardous Substances and Petroleum Products (Unidentified Uses)

EBI did not observe evidence of hazardous substance or petroleum products containers at the Subject Property that were not in connection with identified uses.

5.2.3 Unidentified Substances Containers

EBI did not observe evidence of unidentified substances containers at the Subject Property.

5.3 WASTE GENERATION, STORAGE, AND DISPOSAL

No waste streams are generated at the Subject Property:

5.4 UNDERGROUND STORAGE TANKS (USTS) & ABOVEGROUND STORAGE TANKS (ASTS)

5.4.1 Existing Storage Tanks

Based upon site reconnaissance, interviews, and a review of state and local records, EBI identified no evidence of existing USTs or ASTs located at the Subject Property.

5.4.2 Former Storage Tanks

Based upon site reconnaissance, interviews, and a review of state and local records, EBI identified no evidence of former USTs or ASTs located at the Subject Property.

5.5 OIL-CONTAINING EQUIPMENT AND POLYCHLORINATED BIPHENYLS (PCBS)

Polychlorinated biphenyls (PCBs) are a chemical component of many dielectric fluids, heat transfer fluids, hydraulic fluids, lubricating oils, paints, or coatings manufactured prior to July 2, 1979. Equipment that may potentially contain PCBs includes electrical equipment such as transformers or capacitors or hydraulically operated equipment, such as elevators, compaction equipment, or manufacturing equipment. The manufacture and distribution in commerce of PCBs was banned for use in 1979 by the United States Congress, which

enacted the Toxic Substance and Control Act (TSCA). In accordance with US Code of Federal Regulations Title 40 - Protection of Environment, Chapter 1 - Environmental Protection Agency, Subchapter R - Toxic Substance Control Act (TSCA), Part 761 - Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions, the owner of a transformer or other PCB-containing equipment is responsible for equipment maintenance and remediation in the event of a leak or release.

Based upon the absence of oil-containing equipment, no potential PCB-containing equipment was identified at the Subject Property.

5.6 ADDITIONAL SITE CONDITIONS

The following is a summary of visual and/or physical observations of the Subject Property on the day of the site visit. Photographs of pertinent Subject Property features are presented in Appendix A.

ADDITIONAL SITE CONDITIONS			
Condition	Identified		
Interior Drains, Trenches, or Sumps	No		
Interior Stains or Corrosion	No		
Unusual Odors	No		
Interior Pools of Liquid	No		
Stained Soil or Pavement	No		
Stressed Vegetation	No		
Indications of Solid Waste Disposal	No		
Exterior Pits, Ponds, or Lagoons	No		
Wastewater or Stormwater Discharge/Disposal	No		
Oil-Water Separators or Clarifiers	No		
Septic Systems or Cesspools	No		
Wells (Drinking Water Wells, Monitoring Wells, Agricultural/Irrigation Wells, or Process	No		
Water Wells)			
Petroleum or Natural Gas Pipelines/Easements	No		

6.0 INTERVIEWS

The site contact or Key Site Manager was contacted to be interviewed to obtain information regarding recognized environmental conditions in connection with the property. Additionally, a Pre-Survey Questionnaire was forwarded to the designated Subject Property contact. The Pre-Survey Questionnaire has not been completed and returned to our offices. The information requested in the Pre-Survey Questionnaire is intended to assist in gathering information that may be material to identifying recognized environmental conditions in connection with the Subject Property. The Pre-Survey Questionnaire and any accompanying documentation is presented in Appendix C.

	INTERVIEWS						
	Contact / Affiliation	Date of	Years Associated	Telephone			
		Communication	with the Subject	No.			
			Property				
Jeffrey Lanfear		October 14, 2020	68	(518) 527-0373			
Owner							

Pertinent information from the interviews is presented in applicable sections of this report.

7.0 CONSIDERATIONS OUTSIDE THE SCOPE OF ASTM PRACTICE E 1527-13

The following sections address environmental issues or considerations at the Subject Property that parties may wish to assess in connection with commercial real estate that are outside the scope of ASTM Practice E 1527-13 (non-scope considerations).

7.1 ASBESTOS-CONTAINING MATERIAL (ACM)

Asbestos is a term used to describe a group of six naturally occurring crystalline fiber minerals. Asbestos has excellent thermal stability, a high degree of tensile strength, and has been used extensively in the textile, insulation, and building industries, particularly as a component in fireproofing, decorative coatings, insulation materials, and as reinforcement for plaster binders in building products. Asbestos-containing building materials are generally classified as friable or non-friable. Friable materials are those that can be crumbled, pulverized, or reduced to powder by hand pressure, or by normal use or maintenance can be expected to emit asbestos fibers into the air. Non-friable ACM is a potential concern if it is damaged by maintenance work, demolition, or other activities, at which time it may be considered friable.

Based upon the absence of structures and in accordance with the scope of work for this assessment, EBI did not conduct a survey for the presence of ACM.

7.2 RADON

Radon is a naturally-occurring, colorless and odorless radioactive gas that is generated primarily in granitic rocks. The United States Surgeon General has published information that radon is a cause of lung cancer. Radon usually enters a building through openings in the foundation, and therefore is a potential health concern to residents of the lowest level of a building with inadequate ventilation.

The EPA Map of Radon Zones indicates that Montgomery County is located within a Zone 2 radon area. Zone 2 is defined as an area that has a moderate potential for radon gas, with a predicted average indoor radon screening level between 2.0 picoCuries per liter (pCi/L) and 4.0 pCi/L. The EPA recommended Action Level for radon is 4.0 pCi/L.

Based upon the absence of structures and in accordance with the scope of work for this assessment, EBI did not conduct a limited short-term radon screening at the Subject Property.

7.3 LEAD-BASED PAINT (LBP)

Use of lead in household paint was banned by the U.S. Environmental Protection Agency (EPA) effective January 1, 1978. The EPA and the U.S. Department of Housing and Urban Development (HUD) consider lead-based paint as containing a lead concentration equal to or greater than 1.0 milligram per square centimeter (mg/cm²) or 0.5% lead by weight, as defined by Title X of the 1992 Housing and Community Development Act.

Based on the absence of structures and in accordance with the scope of work of this assessment, a lead-based paint (LBP) survey was not conducted at the Subject Property.

7.4 LEAD IN DRINKING WATER

Lead has historically been used in pipes, solder, and brass fixtures used in water distribution systems and building plumbing systems. In 1986, EPA banned the use of lead at concentrations exceeding 0.2% lead in solder and 8% lead in other plumbing materials. Lead in drinking water results primarily from corrosion of lead containing materials in building plumbing systems such as lead solder, brass, bronze, and other lead containing alloys. The EPA Action Level for lead in public drinking water supplies is 0.015 parts per million (ppm) or 0.015 milligrams per liter (mg/L).

No potable water is provided to the Subject Property.
8.0 FINDINGS AND OPINIONS

EBI has performed this Phase I Environmental Site Assessment of the Subject Property in conformance with the scope and limitations of ASTM Standard E 1527-13. Any exceptions to, or deletions from, this practice are described in Section 1 of this Report.

This assessment has identified no evidence of recognized environmental conditions (RECs), historical recognized environmental conditions (HRECs), controlled recognized environmental conditions (CRECs), de minimis conditions, or considerations outside the scope of ASTM Practice E 1527-13 in connection with the Subject Property.

9.0 RECOMMENDATIONS

Based upon the findings of this investigation, no further action is recommended.

10.0 REFERENCES

Source Reviewed	Date(s)	Source Details
EDR Aerial Photo Decade Package (Inquiry Number	1957, 1959, 1978, 1985,	EDR, 6 Armstrong Road, Shelton,
6211168.8S) Ship Date: October 01st, 2020	1988, 2006, 2009, 2013,	CT 06484, (800) 352-0050.
	2017	
EDR City Directory Abstract (Inquiry Number	1992, 1995, 2000, 2005,	EDR, 6 Armstrong Road, Shelton,
6211168.5S) Ship Date: October 01st, 2020	2010, 2014	CT 06484, (800) 352-0050.
EDR Historical Topo Map (Inquiry Number	1896, 1898, 1902, 1944,	EDR, 6 Armstrong Road, Shelton,
6211168.4S) Ship Date: September 30th, 2020	1946, 1980, 2013	CT 06484, (800) 352-0050.
EDR Sanborn Map Search/Print (Inquiry Number		EDR, 6 Armstrong Road, Shelton,
6211168.3S) Ship Date: September 30th, 2020		CT 06484, (800) 352-0050.
EDR Radius Map Report (Inquiry Number		EDR, 6 Armstrong Road, Shelton,
06211168.2R) Ship Date: October 01st, 2020		CT 06484, (800) 352-0050.

Appendix A

Photographs



1 : View of Subject Property



2 : Central portion of Subject Property



3 : East side of Subject Property



4 : Northside of Subject Property



5 : East side of Subject Property



6 : West side of Subject Property



7 : Southern portion of Subject Property



8 : Southwestern portion of Subject Property

Appendix B

Figures



Site Radius at 1/4 and 1/2 mile

Figure 1: Site Location Map

PROPOSED PV ARRAY 2621 NY-5S FULTONVILLE, NY 12072

PN: 1120005197





Legend

- ★ Project Site
- Site Radius at 1⁄4 and 1⁄2 mile

Date: 10/1/2020



USGS 24K Quad: Tribes Hill, NY 1986

PROPOSED PV ARRAY 2621 NY-5S FULTONVILLE, NY 12072

PN: 1120005197







FIGURE 3 1120005197 PROPOSED PV ARRAY NEW YORK 2621 NY-5S Fultonville, New York 12072

PROJ. MGR: Jon Hickey DRAWN BY: Bill Upfold DATE: 10/15/2020 PROJ. #: 1120005197

Appendix C

Pre-Survey Questionnaire and Other Relevant Documentation



ESA AAI USER QUESTIONNAIRE (ASTM E1527)

Subject Prop	erty Name:	Proposed PV Array	_EBI Project #: <u>TBD</u>
Address:	2621 NY-5S, New York		

I. Are you aware of any environmental cleanup liens against the Subject Property that are filed or recorded under federal, tribal, state or local law?

Yes /(No)/ Unknown / Not Applicable

If yes, please attach a copy.

2. Are you aware of any Activity and Use Limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

Yes (No/ Unknown / Not Applicable

If yes, please attach a copy.

3. As the user of this ESA do you have any specialized knowledge or experience related to the Subject Property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the Subject Property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? Or, do you have documentation (i.e., Phase I ESAs, Phase II subsurface investigations, Tank Removal reports, remedial reports, asbestos sampling and/or abatement reports, lead-based paint sampling and/or abatement reports, etc.) for the Subject Property that may be relevant to the Phase I ESA?

Yes (No) Unknown / Not Applicable

Comments: _____

4. Does the purchase price being paid for this Subject Property reasonably reflect the fair market value of the Subject Property?

Yes / No / Unknown (Not Applicable)

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the Subject Property?

Yes / No

Comments: _____

ESA AAI USER QUESTIONNAIRE (ASTM E1527)

- 5. Are you aware of commonly known or reasonably ascertainable information about the Subject Property that would help the environmental professional to identify conditions indicative of release or threatened releases? For example, as user,
 - a. Do you know the past uses of the Subject Property?
 - b. Do you know the specific chemicals that are present or once were present at the Subject Property?
 - c. Do you know of spills or other chemical releases that have taken place at the Subject Property?
 - d. Do you know of any environmental cleanups that have taken place at the Subject Property?

Comments: Vacant Land

Please attach copies of previous environmental reports prepared for the Subject Property.

6. As the user of this ESA, based on your knowledge and experience related to the Subject Property are there any obvious indicators that point to the presence or likely presence of contamination at the Subject Property?

Yes (No) Unknown / Not Applicable

Comments:

Please be sure to attach copies of documentation, as available.

Completed by:	
Steve Long	Project Developer
Name	
Borrego Solar Systems, Inc.	9-30-20
Company Name	Date

Presented above is the User Questionnaire (as cited in the Appendix X3 of ASTM Standard E 1527, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process). This questionnaire is designed to address one of the requirements to satisfy the intent of the Standard, as noted in Section 1.1 of ASTM E 1527. Specifically, in order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the User (the Client) of EBI's Phase I ESA report must provide the information addressed below (if available) to EBI. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete. To note, it is acceptable if you (the Client and User of this report) have no significant information regarding the questions below. The ASTM standard simply requires that we document your answers to this questionnaire. As such, the User Questionnaire can only be completed by the User (the Client). Please also note that EBI provides the site contact with a separate, Pre-Survey Questionnaire. This questionnaire is more detailed and documents their knowledge of the Subject Property.







Navigation Tax Maps | ORPS Links Assessment Info

Help Log In

Residential	
Property Info	
Owner/Sales	
Inventory	
Improvements	
Report	
Comparables	
·	

Mı	Municipality of Glen					Photographs	
SWIS: 27288	39 Tax	(ID:	5	3.3-1-	13	1	No Photo Available
Tax M	ap ID ,	/ Pro	operty	Data			
Status:	Active	Rol	Section	n: Tax	able	1 L	
Address:	2621 S	thwy	5S			1 🗆	Pictometry LiveLink
Property Class:	242 - Rurl res&rec	Site Pro Clas	e perty ss:	242 - Rurl res&rec		i	/iew this property's Pictometry magery in LiveLink.
Site:	Res 1	In A Dist	Ag. trict:	Yes			Maps
Zoning Code:	-	Bld	g. Style	: Old	style		Show Tax Map (PDF)
Neighborhood:	27005	Sch Dist	School District:		da- tonville		Windows Live Local
Legal Property Description:	Life estate Sylvia Lanf			nfear			Google Maps
Land Assessment:	2020 - \$28,20	Tota 0 Ass	Total Assessment:		20 - 3,000		Yahoo! Maps Map Disclaimer
Total Acreage/Size:	45.70	Full Val	Full Market Value:		20 - 36,842		
Deed Book:	2013	Dee	ed Page	: 504	43		
Grid East:	542264	42264 Grid North:		: 149	0485		
Spec	ial Dist	ricts	s for 20	020		-	
Descriptio	on	Units	Inits Percent		e Value		
Glen fire		0	0		0		
Montg co agri dist 3 0 0		0		0			
	Land	l Typ	pes			7	
Туре				Si	ze		
Primary				1.00	acres		
Residual				44.70	acres		

Appendix D

Professional Qualifications



Summary of Experience

Bill Upfold is a Senior Scientist specializing in Environmental Assessments and Property Condition Assessments for the Real Estate and Telecommunications industries. In addition, Mr. Upfold has extensive experience overseeing subsurface investigations and remediation projects and asbestos and lead-based paint surveys.

EBI CONSULTING- Burlington, MA

Senior Scientist – August 2015 – Present

Mr. Upfold has over 10 years of experience conducting environmental assessment for commercial, industrial, and multi-family residential properties located throughout the U.S. These assessments were performed to evaluate current and historic site conditions, potential off-site liabilities, environmental control systems and site remediation costs to advise stakeholders of potential and existing environmental concerns.

In addition to Environmental Assessments, Mr. Upfold has performed dozens of Property Condition Assessments for various property owners and financial institutions throughout the northeast. These projects ranged in size and complexity from small individual businesses to multi-story apartment buildings and multi-building shopping centers. Mr. Upfold has also conducted various stages of technical investigations including subsurface investigations, remediation projects, and environmental compliance audits. These investigations have included the management, installation and oversight of soil borings and groundwater monitoring wells and sampling of environmental media.

Education

Masters of Business Administration- Syracuse University, Syracuse, New York BS Environmental Science- Syracuse University, Syracuse, New York

Professional Registrations

New York State Licensed Real Estate Salesperson U.S. EPA Certified Lead-Based Paint Inspector in the State of New York New York State Department of Labor Certified Asbestos Inspector



Jon Hickey Program Manager 200 East 78th Street, 2B New York, NY 10075 Mobile: 917.804.5470 Fax: 617.715.6572

SUMMARY OF EXPERIENCE

Mr. Hickey is a Program Manager with over 10 years of experience specializing in environmental site assessments and property condition assessments for the real estate and telecommunications industries. Mr. Hickey has successfully completed hundreds of project assignments pertaining to property transaction due diligence site assessments including: Transaction Screens; Phase I Environmental Site Assessments; peer report reviews, and Property Condition Assessments. In addition, Mr. Hickey has extensive experience overseeing subsurface investigations, remediation projects, and asbestos and lead-based paint surveys. At EBI, Mr. Hickey currently performs technical reviews of Phase I Environmental Site Assessment reports and peer reports, and provides project coordination and portfolio management. Mr. Hickey works closely with lending institutions, corporate environmental officers, legal counsel, and real estate brokers to develop strategies for managing properties with environmental concern.

RELEVANT PROJECT EXPERIENCE

Mr. Hickey has over 10 years of experience conducting environmental assessments for commercial, industrial, and multi-family residential properties located nationwide and in Canada. Mr. Hickey has extensive experience conducting environmental assessments for real estate and telecommunications sites located throughout the New York metropolitan area. These assessments were performed to evaluate current and historic site conditions, potential off-site liabilities, environmental control systems, and site remediation costs in order to advise prospective buyers, operators and owners of potential and existing environmental concerns.

In addition to environmental assessments, Mr. Hickey has performed hundreds of property condition assessments for various property owners and financial institutions for portfolios and individual projects in the Northeast and Canada. Projects completed ranged in size and complexity from small single-family residences and individual businesses, to multi-story apartment buildings and multi-building shopping centers.

Mr. Hickey has also conducted various stages of technical investigations including subsurface investigations, remediation projects, environmental compliance audits, and hazardous materials surveys. These investigations have included the management, installation, and oversight of soil borings, soil vapor points, and groundwater monitoring wells utilizing various sampling techniques such as direct-push, auger, and air rotary, and the sampling of environmental media. Property types have ranged from heavily industrialized to residential properties.

EDUCATION

B.A.Sc. Environmental Engineering, University of Toronto, Toronto, Ontario, Canada

PROFESSIONAL REGISTRATIONS

Registered Intern Engineer in the State of New York Registered Professional Engineer, Ontario, Canada (License No. 100125988) New York State Department of Labor Certified Asbestos Inspector U.S. EPA Certified Lead-Based Paint Inspector in the State of New York OSHA 40-Hour Hazardous Waste Operations Certification Appendix E

Regulatory Database Report

Proposed PV Array

2621 NY-5S Fultonville, NY 12072

Inquiry Number: 06211168.2r September 30, 2020

The EDR Radius Map[™] Report with GeoCheck®



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

FORM-LBC-GON

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

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

TARGET PROPERTY INFORMATION

ADDRESS

2621 NY-5S FULTONVILLE, NY 12072

COORDINATES

Latitude (North):	42.9244850 - 42° 55' 28.14"
Longitude (West):	74.3127910 - 74° 18' 46.04''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	556083.5
UTM Y (Meters):	4752443.0
Elevation:	369 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: Version Date: 5939533 TRIBES HILL, NY 2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: Source:

20150507 USDA Target Property Address: 2621 NY-5S FULTONVILLE, NY 12072

Click on Map ID to see full detail.

MAP

MAP				RELATIVE	DIST (ft. & mi.)
ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	ELEVATION	DIRECTION
1	AURIESVILLE SHRINE S	136 SHRINE RD	LTANKS	Higher	2468, 0.467, East

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL_____ National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY______ Federal Facility Site Information listing SEMS______ Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG	RCRA - Large Quantity Generators
RCRA-SQG	RCRA - Small Quantity Generators
RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity
	Generators)

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

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

Federal ERNS list

ERNS_____ Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS_____ Inactive Hazardous Waste Disposal Sites in New York State

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

SWF/LF..... Facility Register

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

FEMA UST	Underground Storage Tank Listing
UST	Petroleum Bulk Storage (PBS) Database
CBS UST	Chemical Bulk Storage Database
MOSF UST	Major Oil Storage Facilities Database
CBS	Chemical Bulk Storage Site Listing
MOSF	Major Oil Storage Facility Site Listing
AST	Petroleum Bulk Storage
CBS AST	Chemical Bulk Storage Database
MOSF AST	Major Oil Storage Facilities Database
INDIAN UST	Underground Storage Tanks on Indian Land
TANKS	Storage Tank Faciliy Listing

State and tribal institutional control / engineering control registries

RES DECL	Restrictive Declarations Listing
ENG CONTROLS	Registry of Engineering Controls
INST CONTROL	Registry of Institutional Controls

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Agreements INDIAN VCP...... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS______Brownfields Site List ERP_____Environmental Restoration Program Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL	Delisted National Clandestine Laboratory Register
DEL SHWS	Delisted Registry Sites
US CDL	National Clandestine Laboratory Register
PFAS	PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

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

Local Land Records

LIENS	Spill Liens Information
LIENS 2	CERCLA Lien Information

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
NY Spills	Spills Information Database
NY Hist Spills	SPILLS Database

Other Ascertainable Records

RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated
FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide
	Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data

COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
FINDS	Facility Index System/Facility Registry System
UXO	Unexploded Ordnance Sites
ECHO	Enforcement & Compliance History Information
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing
AIRS	Air Emissions Data
COAL ASH	Coal Ash Disposal Site Listing
DRYCLEANERS	Registered Drycleaners
E DESIGNATION	E DESIGNATION SITE LISTING
Financial Assurance	Financial Assurance Information Listing
HSWDS	Hazardous Substance Waste Disposal Site Inventory
MANIFEST	Facility and Manifest Data
SPDES	State Pollutant Discharge Elimination System
VAPOR REOPENED	Vapor Intrusion Legacy Site List
UIC	Underground Injection Control Wells
COOLING TOWERS	Registered Cooling Towers
LEAD	Lead-based Paint Testing Results
MINES MRDS	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS______ Recovered Government Archive State Hazardous Waste Facilities List RGA LF______ Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

State and tribal leaking storage tank lists

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

A review of the LTANKS list, as provided by EDR, and dated 05/12/2020 has revealed that there is 1 LTANKS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AURIESVILLE SHRINE S	136 SHRINE RD	E 1/4 - 1/2 (0.467 mi.)	1	8
Spill Number/Closed Date: 020829	2 / 2003-05-07			
Site ID: 305147				
Spill Date: 2002-11-11				

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name

AMSTERDAM TRANSFER

Database(s)

SEMS-ARCHIVE

OVERVIEW MAP - 06211168.2R



- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites



Indian Reservations BIA Power transmission lines National Wetland Inventory State Wetlands

4

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

SITE NAME:	Proposed PV Array	CLIENT:	EBI Consulting
ADDRESS:	2621 NY-5S	CONTACT:	API User
LAT/LONG:	Fultonville NY 12072	INQUIRY #:	06211168.2r
	42.924485 / 74.312791	DATE:	September 30, 2020 4:54 pm

DETAIL MAP - 06211168.2R



- Target Property Ν
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors 2
- National Priority List Sites
- Dept. Defense Sites

Indian Reservations BIA National Wetland Inventory State Wetlands

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

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SITE NAME:	Proposed PV Array
ADDRESS:	2621 NY-5S
	Fultonville NY 12072
LAT/LONG:	42.924485 / 74.312791

CLIENT: CONTACT: EBI Consulting API User INQUIRY #: 06211168.2r September 30, 2020 4:55 pm DATE:

Copyright © 2020 EDR, Inc. © 2015 TomTom Rel. 2015.

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	Total Plotted
STANDARD ENVIRONMEN	TAL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS	1.000 1.000 TP		0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0
Federal Delisted NPL si	te list							
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY SEMS	1.000 0.500		0 0	0 0	0 0	0 NR	NR NR	0 0
Federal CERCLIS NFRA	P site list							
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRAC	CTS facilities li	st						
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-COR	RRACTS TSD f	acilities list						
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generato	ors list							
RCRA-LQG RCRA-SQG RCRA-VSQG	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
Federal institutional con engineering controls re	ntrols / gistries							
LUCIS US ENG CONTROLS US INST CONTROLS	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	0.125		0	NR	NR	NR	NR	0
State- and tribal - equive	alent CERCLIS	6						
SHWS	1.000		0	0	0	0	NR	0
State and tribal landfill a solid waste disposal sit	and/or te lists							
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking	storage tank l	ists						
INDIAN LUST LTANKS HIST LTANKS	0.500 0.500 0.500		0 0 0	0 0 0	0 1 0	NR NR NR	NR NR NR	0 1 0
State and tribal register	ed storage tar	nk lists						
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST CBS UST MOSF UST CBS MOSF AST CBS AST MOSF AST INDIAN UST TANKS	0.250 0.250 0.500 0.250 0.500 0.250 0.250 0.500 0.250 0.250		0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	NR 0 NR 0 NR 0 NR NR	NR NR NR NR NR NR NR NR NR	NR NR NR NR NR NR NR NR NR	0 0 0 0 0 0 0 0 0
State and tribal institu control / engineering c	tional control registrie	s						
RES DECL ENG CONTROLS INST CONTROL	0.180 0.500 0.500		0 0 0	0 0 0	NR 0 0	NR NR NR	NR NR NR	0 0 0
State and tribal volunt	ary cleanup site	es						
VCP INDIAN VCP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal Brown	nfields sites							
BROWNFIELDS ERP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
ADDITIONAL ENVIRONM	ENTAL RECORDS	<u> </u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill Waste Disposal Sites	/ Solid							
SWRCY SWTIRE INDIAN ODI ODI DEBRIS REGION 9 IHS OPEN DUMPS	0.500 0.500 0.500 0.500 0.500 0.500		0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0 0
Local Lists of Hazardo Contaminated Sites	ous waste /							
US HIST CDL DEL SHWS US CDL PFAS	TP 1.000 TP 0.500		NR 0 NR 0	NR 0 NR 0	NR 0 NR 0	NR 0 NR NR	NR NR NR NR	0 0 0 0
Local Lists of Register	red Storage Tan	iks						
HIST UST HIST AST	0.250 TP		0 NR	0 NR	NR NR	NR NR	NR NR	0 0
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

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

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MANIFEST	0.250		0	0	NR	NR	NR	0
SPDES	TP		NR	NR	NR	NR	NR	0
VAPOR REOPENED	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
COOLING TOWERS	TP		NR	NR	NR	NR	NR	0
LEAD	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORIC	AL RECORDS							
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.250		0	0	NR	NR	NR	0
EDR Hist Cleaner	0.250		0	0	NR	NR	NR	0
EDR RECOVERED GOVER	NMENT ARCHI	VES						
Exclusive Recovered Go	ovt. Archives							
RGA HWS	1.000		0	0	0	0	NR	0
RGALF	0.500		0	0	0	NR	NR	0
- Totals		0	0	0	1	0	0	1

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

1 East 1/4-1/2 0.467 mi. 2468 ft.	AURIESVILLE SHRINE SHRINE RD 136 SHRINE RD FULTONVILLE AURIESVILLE, NY	LTANKS	S S105997268 N/A
Relative: Higher Actual: 409 ft.	LTANKS: Name: Address: City,State,Zip: Spill Number/Closed Date:	AURIESVILLE SHRINE SHRINE RD 136 SHRINE RD FULTONVILLE AURIESVILLE, NY 0208292 / 2003-05-07	
	Site ID: Spill Date: Spill Cause: Spill Source: Spill Class: Cleanup Ceased:	305147 2002-11-11 Tank Test Failure Institutional, Educational, Gov., Other B3 Not reported	
	SWIS: Investigator: Referred To: Reported to Dept: CID:	2928 RJSCHOWE Not reported 2002-11-11 281	
	Water Affected: Spill Notifier: Last Inspection: Recommended Penalty: Meets Standard:	Not reported Tank Tester Not reported False False	
	Remediation Phase: Date Entered In Computer: Spill Record Last Update: Spiller Name: Spiller Company:	0 2002-11-11 2015-05-07 ARIESVILLE SHRINE AURIESVILLE SHRINE	
	Spiller Address: Spiller County: Spiller Contact: Spiller Phone: Spiller Extention: DEC Region:	136 SHRINE RD 999 MIKE RUSSELL (800) 950-4144 Not reported 4	
	DER Facility ID: DEC Memo:	246494 "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SCHOWE This spill originally sent to R5. It is in Montgomery County Bob Corcoran 11/13/2002 SEE 0012027. Re-tested the tank - passe Dick Schowe [It appears that originally PBS 4-600852 covered all the facilities in the shrine complex. In about 2007 the Retreat House property was sold to a new owner for a different retreat facility (WESTERN SUPREME BUDDHA TEMPLE INC.) and the PBS # rer	d - e nained with the
	Remarks:	Martyr's Shrine. See 8903206, 0012027, 0208292, 1112554.]" "TANK TEST FAILURE AT ABOVE LOCATION. CALLER IS A SUB" RECOMMEND UNCOVER/ISOLATE/RETEST."	CONTRACTOR.

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
AMSTERDAM	1003863604	AMSTERDAM TRANSFER	FLORIDA NEW YORK	12010	SEMS-ARCHIVE

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/29/2020 Date Data Arrived at EDR: 08/03/2020 Date Made Active in Reports: 08/25/2020 Number of Days to Update: 22 Source: EPA Telephone: N/A Last EDR Contact: 09/03/2020 Next Scheduled EDR Contact: 10/12/2020 Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC) Telephone: 202-564-7333

EPA Region 1 Telephone 617-918-1143

EPA Region 3 Telephone 215-814-5418

EPA Region 4 Telephone 404-562-8033

EPA Region 5 Telephone 312-886-6686

EPA Region 10 Telephone 206-553-8665 EPA Region 6 Telephone: 214-655-6659

EPA Region 7 Telephone: 913-551-7247

EPA Region 8 Telephone: 303-312-6774

EPA Region 9 Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/29/2020 Date Data Arrived at EDR: 08/03/2020 Date Made Active in Reports: 08/25/2020 Number of Days to Update: 22 Source: EPA Telephone: N/A Last EDR Contact: 09/03/2020 Next Scheduled EDR Contact: 10/12/2020 Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994 Number of Days to Update: 56 Source: EPA Telephone: 202-564-4267 Last EDR Contact: 08/15/2011 Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/29/2020 Date Data Arrived at EDR: 08/03/2020 Date Made Active in Reports: 08/25/2020 Number of Days to Update: 22 Source: EPA Telephone: N/A Last EDR Contact: 09/03/2020 Next Scheduled EDR Contact: 10/12/2020 Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019 Date Data Arrived at EDR: 04/05/2019 Date Made Active in Reports: 05/14/2019 Number of Days to Update: 39 Source: Environmental Protection Agency Telephone: 703-603-8704 Last EDR Contact: 07/02/2020 Next Scheduled EDR Contact: 10/12/2020 Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 07/29/2020 Date Data Arrived at EDR: 08/03/2020 Date Made Active in Reports: 08/25/2020 Number of Days to Update: 22 Source: EPA Telephone: 800-424-9346 Last EDR Contact: 09/03/2020 Next Scheduled EDR Contact: 10/26/2020 Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/29/2020 Date Data Arrived at EDR: 08/03/2020 Date Made Active in Reports: 08/25/2020 Number of Days to Update: 22

Source: EPA Telephone: 800-424-9346 Last EDR Contact: 09/03/2020 Next Scheduled EDR Contact: 10/26/2020 Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/15/2020	Source: EPA
Date Data Arrived at EDR: 06/22/2020	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2020	Last EDR Contact: 09/22/2020
Number of Days to Update: 87	Next Scheduled EDR Contact: 01/04/2021
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/15/2020 Date Data Arrived at EDR: 06/22/2020 Date Made Active in Reports: 09/18/2020 Number of Days to Update: 88

Source: Environmental Protection Agency Telephone: (212) 637-3660 Last EDR Contact: 09/22/2020 Next Scheduled EDR Contact: 01/04/2021 Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 06/15/2020 Date Data Arrived at EDR: 06/22/2020 Date Made Active in Reports: 09/18/2020 Number of Days to Update: 88

Source: Environmental Protection Agency Telephone: (212) 637-3660 Last EDR Contact: 09/22/2020 Next Scheduled EDR Contact: 01/04/2021 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 06/15/2020 Date Data Arrived at EDR: 06/22/2020 Date Made Active in Reports: 09/18/2020 Number of Days to Update: 88 Source: Environmental Protection Agency Telephone: (212) 637-3660 Last EDR Contact: 09/22/2020 Next Scheduled EDR Contact: 01/04/2021 Data Release Frequency: Quarterly

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

Date of Government Version: 06/15/2020 Date Data Arrived at EDR: 06/22/2020 Date Made Active in Reports: 09/18/2020 Number of Days to Update: 88 Source: Environmental Protection Agency Telephone: (212) 637-3660 Last EDR Contact: 09/22/2020 Next Scheduled EDR Contact: 01/04/2021 Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/15/2020Source: Department of the NavyDate Data Arrived at EDR: 05/19/2020Telephone: 843-820-7326Date Made Active in Reports: 06/18/2020Last EDR Contact: 08/04/2020Number of Days to Update: 30Next Scheduled EDR Contact: 11/23/2020Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/20/2020	Telephone: 703-603-0695
Date Made Active in Reports: 05/15/2020	Last EDR Contact: 08/24/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 12/07/2020
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2020SDate Data Arrived at EDR: 02/20/2020Date Made Active in Reports: 05/15/2020Number of Days to Update: 85M

Source: Environmental Protection Agency Telephone: 703-603-0695 Last EDR Contact: 08/24/2020 Next Scheduled EDR Contact: 12/07/2020 Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/15/2020SourceDate Data Arrived at EDR: 06/22/2020TelephDate Made Active in Reports: 09/17/2020Last EDRNumber of Days to Update: 87Next S

Source: National Response Center, United States Coast Guard Telephone: 202-267-2180 Last EDR Contact: 09/22/2020 Next Scheduled EDR Contact: 01/04/2021 Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 05/12/2020Source: Department of Environmental ConservationDate Data Arrived at EDR: 05/13/2020Telephone: 518-402-9622Date Made Active in Reports: 07/28/2020Last EDR Contact: 08/11/2020Number of Days to Update: 76Next Scheduled EDR Contact: 11/23/2020Data Release Frequency: Annually

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

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 07/01/2020	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/02/2020	Telephone: 518-402-8678
Date Made Active in Reports: 09/22/2020	Last EDR Contact: 09/23/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/10/2021
	Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/15/2020	Source: EPA Region 7
Date Data Arrived at EDR: 05/20/2020	Telephone: 913-551-7003
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/14/2020	Source: El
Date Data Arrived at EDR: 05/20/2020	Telephone:
Date Made Active in Reports: 08/12/2020	Last EDR (
Number of Days to Update: 84	Next Scheo

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 07/24/2020 Next Scheduled EDR Contact: 11/02/2020 Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

	Date of Government Version: 04/08/2020 Date Data Arrived at EDR: 05/20/2020 Date Made Active in Reports: 08/12/2020 Number of Days to Update: 84	Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 07/24/2020 Next Scheduled EDR Contact: 11/02/2020 Data Release Frequency: Varies
IND	IAN LUST R5: Leaking Underground Storage Ta Leaking underground storage tanks located on	anks on Indian Land Indian Land in Michigan, Minnesota and Wisconsin.
	Date of Government Version: 04/14/2020 Date Data Arrived at EDR: 05/20/2020 Date Made Active in Reports: 08/12/2020 Number of Days to Update: 84	Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 07/24/2020 Next Scheduled EDR Contact: 11/02/2020 Data Release Frequency: Varies
IND	IAN LUST R9: Leaking Underground Storage Ta LUSTs on Indian land in Arizona, California, Ne	anks on Indian Land ew Mexico and Nevada
	Date of Government Version: 04/08/2020 Date Data Arrived at EDR: 05/20/2020 Date Made Active in Reports: 08/12/2020 Number of Days to Update: 84	Source: Environmental Protection Agency Telephone: 415-972-3372 Last EDR Contact: 07/24/2020 Next Scheduled EDR Contact: 11/02/2020 Data Release Frequency: Varies
IND	IAN LUST R1: Leaking Underground Storage Ta A listing of leaking underground storage tank lo	anks on Indian Land ocations on Indian Land.
	Date of Government Version: 04/29/2020 Date Data Arrived at EDR: 05/20/2020 Date Made Active in Reports: 08/12/2020 Number of Days to Update: 84	Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 07/24/2020 Next Scheduled EDR Contact: 11/02/2020 Data Release Frequency: Varies
IND	IAN LUST R8: Leaking Underground Storage Ta LUSTs on Indian land in Colorado, Montana, N	anks on Indian Land lorth Dakota, South Dakota, Utah and Wyoming.
	Date of Government Version: 04/14/2020 Date Data Arrived at EDR: 05/20/2020 Date Made Active in Reports: 08/12/2020 Number of Days to Update: 84	Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 07/24/2020 Next Scheduled EDR Contact: 11/02/2020 Data Release Frequency: Varies
IND	IAN LUST R4: Leaking Underground Storage Ta LUSTs on Indian land in Florida, Mississippi ar	anks on Indian Land Id North Carolina.
	Date of Government Version: 04/14/2020 Date Data Arrived at EDR: 05/26/2020 Date Made Active in Reports: 08/12/2020 Number of Days to Update: 78	Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 07/24/2020 Next Scheduled EDR Contact: 11/02/2020 Data Release Frequency: Varies
LTA	NKS: Spills Information Database Leaking Storage Tank Incident Reports. These reported from 4/1/86 through the most recent u aboveground storage tanks. The causes of the	records contain an inventory of reported leaking storage tank incidents pdate. They can be either leaking underground storage tanks or leaking incidents are tank test failures, tank failures or tank overfills.
	Date of Government Version: 05/12/2020 Date Data Arrived at EDR: 05/13/2020 Date Made Active in Reports: 08/03/2020	Source: Department of Environmental Conservation Telephone: 518-402-9549 Last EDR Contact: 08/11/2020

Number of Days to Update: 82

Next Scheduled EDR Contact: 11/23/2020

Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002 Date Data Arrived at EDR: 07/08/2005 Date Made Active in Reports: 07/14/2005 Number of Days to Update: 6 Source: Department of Environmental Conservation Telephone: 518-402-9549 Last EDR Contact: 07/07/2005 Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing A listing of all FEMA owned underground storage tanks.

Date of Government Version: 02/01/2020	Source: FEMA
Date Data Arrived at EDR: 03/19/2020	Telephone: 202-646-5797
Date Made Active in Reports: 06/09/2020	Last EDR Contact: 07/06/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 10/19/2020
	Data Release Frequency: Varies

UST: Petroleum Bulk Storage (PBS) Database

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 06/22/2020 Date Data Arrived at EDR: 06/23/2020 Date Made Active in Reports: 09/09/2020 Number of Days to Update: 78 Source: Department of Environmental Conservation Telephone: 518-402-9549 Last EDR Contact: 09/23/2020 Next Scheduled EDR Contact: 01/04/2021 Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002 Date Data Arrived at EDR: 02/20/2002 Date Made Active in Reports: 03/22/2002 Number of Days to Update: 30 Source: NYSDEC Telephone: 518-402-9549 Last EDR Contact: 10/24/2005 Next Scheduled EDR Contact: 01/23/2006 Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002 Date Data Arrived at EDR: 02/20/2002 Date Made Active in Reports: 03/22/2002 Number of Days to Update: 30 Source: NYSDEC Telephone: 518-402-9549 Last EDR Contact: 07/25/2005 Next Scheduled EDR Contact: 10/24/2005 Data Release Frequency: No Update Planned

CBS: Chemical Bulk Storage Site Listing

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

Date of Government Version: 06/22/2020 Date Data Arrived at EDR: 06/23/2020 Date Made Active in Reports: 09/09/2020 Number of Days to Update: 78

Source: Department of Environmental Conservation Telephone: 518-402-9549 Last EDR Contact: 09/23/2020 Next Scheduled EDR Contact: 01/04/2021 Data Release Frequency: Quarterly

MC	SF: Major Oil Storage Facility Site Listing These facilities may be onshore facilities or ve greater.	essels, with petroleum storage capacities of 400,000 gallons or
	Date of Government Version: 06/22/2020 Date Data Arrived at EDR: 06/23/2020 Date Made Active in Reports: 09/09/2020 Number of Days to Update: 78	Source: Department of Environmental Conservation Telephone: 518-402-9549 Last EDR Contact: 09/23/2020 Next Scheduled EDR Contact: 01/04/2021 Data Release Frequency: Quarterly
AS [.]	T: Petroleum Bulk Storage Registered Aboveground Storage Tanks.	
	Date of Government Version: 06/22/2020 Date Data Arrived at EDR: 06/23/2020 Date Made Active in Reports: 09/09/2020 Number of Days to Update: 78	Source: Department of Environmental Conservation Telephone: 518-402-9549 Last EDR Contact: 09/23/2020 Next Scheduled EDR Contact: 01/04/2021 Data Release Frequency: No Update Planned
СВ	S AST: Chemical Bulk Storage Database Facilities that store regulated hazardous subst and/or in underground tanks of any size.	tances in aboveground tanks with capacities of 185 gallons or greater,
	Date of Government Version: 01/01/2002 Date Data Arrived at EDR: 02/20/2002 Date Made Active in Reports: 03/22/2002 Number of Days to Update: 30	Source: NYSDEC Telephone: 518-402-9549 Last EDR Contact: 07/25/2005 Next Scheduled EDR Contact: 10/24/2005 Data Release Frequency: No Update Planned
MC	SF AST: Major Oil Storage Facilities Database Facilities that may be onshore facilities or vess greater.	sels, with petroleum storage capacities of 400,000 gallons or
	Date of Government Version: 01/01/2002 Date Data Arrived at EDR: 02/20/2002 Date Made Active in Reports: 03/22/2002 Number of Days to Update: 30	Source: NYSDEC Telephone: 518-402-9549 Last EDR Contact: 07/25/2005 Next Scheduled EDR Contact: 10/24/2005 Data Release Frequency: No Update Planned
INE	DIAN UST R5: Underground Storage Tanks on In The Indian Underground Storage Tank (UST) Iand in EPA Region 5 (Michigan, Minnesota an	ndian Land database provides information about underground storage tanks on Indian nd Wisconsin and Tribal Nations).
	Date of Government Version: 04/14/2020 Date Data Arrived at EDR: 05/20/2020 Date Made Active in Reports: 08/12/2020	Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 07/24/2020

INDIAN UST R6: Underground Storage Tanks on Indian Land

Number of Days to Update: 84

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Next Scheduled EDR Contact: 11/02/2020

Data Release Frequency: Varies

Date of Government Version: 04/08/2020 Date Data Arrived at EDR: 05/20/2020 Date Made Active in Reports: 08/12/2020	Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

IND	DIAN UST R7: Underground Storage Tanks on Indian Land The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian Iand in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).		
	Date of Government Version: 04/03/2020 Date Data Arrived at EDR: 05/20/2020 Date Made Active in Reports: 08/12/2020 Number of Days to Update: 84	Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 07/24/2020 Next Scheduled EDR Contact: 11/02/2020 Data Release Frequency: Varies	
INDIAN UST R1: Underground Storage Tanks on Indian Land The Indian Underground Storage Tank (UST) database provides information about underground storage tanks land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten ' Nations).			
	Date of Government Version: 04/29/2020 Date Data Arrived at EDR: 05/20/2020 Date Made Active in Reports: 08/12/2020 Number of Days to Update: 84	Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 07/24/2020 Next Scheduled EDR Contact: 11/02/2020 Data Release Frequency: Varies	
INDIAN UST R9: Underground Storage Tanks on Indian Land The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on India land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).			
	Date of Government Version: 04/08/2020 Date Data Arrived at EDR: 05/20/2020 Date Made Active in Reports: 08/12/2020 Number of Days to Update: 84	Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 07/23/2020 Next Scheduled EDR Contact: 11/01/2020 Data Release Frequency: Varies	
INDIAN UST R4: Underground Storage Tanks on Indian Land The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indi Iand in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)			
	Date of Government Version: 04/14/2020 Date Data Arrived at EDR: 05/26/2020 Date Made Active in Reports: 08/12/2020 Number of Days to Update: 78	Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 07/24/2020 Next Scheduled EDR Contact: 11/02/2020 Data Release Frequency: Varies	
IND	IAN UST R8: Underground Storage Tanks on Ir The Indian Underground Storage Tank (UST) Iand in EPA Region 8 (Colorado, Montana, No	ndian Land database provides information about underground storage tanks on Indian rth Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).	
	Date of Government Version: 04/14/2020 Date Data Arrived at EDR: 05/20/2020 Date Made Active in Reports: 08/13/2020 Number of Days to Update: 85	Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 07/24/2020 Next Scheduled EDR Contact: 11/02/2020 Data Release Frequency: Varies	
IND	IAN UST R10: Underground Storage Tanks on The Indian Underground Storage Tank (UST) Iand in EPA Region 10 (Alaska, Idaho, Oregor	Indian Land database provides information about underground storage tanks on Indian n, Washington, and Tribal Nations).	
	Date of Government Version: 04/14/2020 Date Data Arrived at EDR: 05/20/2020	Source: EPA Region 10 Telephone: 206-553-2857	

Date Data Arrived at EDR: 05/20/2020	Telephone: 206-553-2857
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

TANKS: Storage Tank Faciliy Listing

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

Date of Government Version: 06/22/2020	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 06/23/2020	Telephone: 518-402-9543
Date Made Active in Reports: 09/09/2020	Last EDR Contact: 09/23/2020
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/04/2021
	Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

ENV RES DECL: Environmental Restrictive Declarations

The Environmental Restrictive Declarations (ERD) listed were recorded in connection with a zoning action against the noted Tax Blocks and Tax Lots, or portion thereof, and are available in the property records on file at the Office of the City Register for Bronx, Kings, New York and Queens counties or at the Richmond County Clerk's office. They contain environmental requirements with respect to hazardous materials, air quality and/or noise in accordance with Section 11-15 of this Resolution.

Date of Government Version: 04/22/2020 Date Data Arrived at EDR: 06/18/2020 Date Made Active in Reports: 09/04/2020 Number of Days to Update: 78 Source: New York City Department of City Planning Telephone: 212-720-3300 Last EDR Contact: 09/18/2020 Next Scheduled EDR Contact: 12/28/2020 Data Release Frequency: Varies

RES DECL: Restrictive Declarations Listing

A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 12/16/2019 Date Data Arrived at EDR: 12/16/2019 Date Made Active in Reports: 03/02/2020 Number of Days to Update: 77 Source: NYC Department of City Planning Telephone: 212-720-3401 Last EDR Contact: 09/18/2020 Next Scheduled EDR Contact: 12/28/2020 Data Release Frequency: Varies

ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 05/12/2020 Date Data Arrived at EDR: 05/13/2020 Date Made Active in Reports: 07/29/2020 Number of Days to Update: 77 Source: Department of Environmental Conservation Telephone: 518-402-9553 Last EDR Contact: 08/11/2020 Next Scheduled EDR Contact: 11/23/2020 Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 05/12/2020	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/13/2020	Telephone: 518-402-9553
Date Made Active in Reports: 07/29/2020	Last EDR Contact: 08/11/2020
Number of Days to Update: 77	Next Scheduled EDR Contact: 11/23/2020
	Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008 Number of Days to Update: 27 Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009 Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 09/16/2020
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/04/2021
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Agreements

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 05/12/2020	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/13/2020	Telephone: 518-402-9711
Date Made Active in Reports: 07/29/2020	Last EDR Contact: 08/11/2020
Number of Days to Update: 77	Next Scheduled EDR Contact: 11/23/2020
	Data Release Frequency: Semi-Annually

VCP NYC: Voluntary Cleanup Program Listing NYC New York City voluntary cleanup program sites.

Date of Government Version: 03/17/2020	Source: New York City Office of Environmental Protection
Date Data Arrived at EDR: 03/18/2020	Telephone: 212-788-8841
Date Made Active in Reports: 05/29/2020	Last EDR Contact: 09/11/2020
Number of Days to Update: 72	Next Scheduled EDR Contact: 12/28/2020
	Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site List

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 05/12/2020	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/13/2020	Telephone: 518-402-9764
Date Made Active in Reports: 07/29/2020	Last EDR Contact: 08/11/2020
Number of Days to Update: 77	Next Scheduled EDR Contact: 11/23/2020
	Data Release Frequency: Semi-Annually

ERP: Environmental Restoration Program Listing

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

Date of Government Version: 05/12/2020 Date Data Arrived at EDR: 05/13/2020 Date Made Active in Reports: 07/29/2020 Number of Days to Update: 77 Source: Department of Environmental Conservation Telephone: 518-402-9622 Last EDR Contact: 08/11/2020 Next Scheduled EDR Contact: 11/23/2020 Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/01/2020 Date Data Arrived at EDR: 06/02/2020 Date Made Active in Reports: 06/09/2020 Number of Days to Update: 7 Source: Environmental Protection Agency Telephone: 202-566-2777 Last EDR Contact: 09/15/2020 Next Scheduled EDR Contact: 12/28/2020 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Registered Recycling Facility List A listing of recycling facilities.

> Date of Government Version: 07/01/2020 Date Data Arrived at EDR: 07/02/2020 Date Made Active in Reports: 09/22/2020 Number of Days to Update: 82

Source: Department of Environmental Conservation Telephone: 518-402-8678 Last EDR Contact: 09/24/2020 Next Scheduled EDR Contact: 01/11/2021 Data Release Frequency: Quarterly

SWTIRE: Registered Waste Tire Storage & Facility List A listing of facilities registered to accept waste tires.

Date of Government Version: 02/27/2018	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 04/06/2018	Telephone: 518-402-8694
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 09/02/2020
Number of Days to Update: 63	Next Scheduled EDR Contact: 12/21/2020
	Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 07/21/2020
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/09/2020
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

	Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009 Number of Days to Update: 137	Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 07/14/2020 Next Scheduled EDR Contact: 11/02/2020 Data Release Frequency: No Update Planned
IHS	OPEN DUMPS: Open Dumps on Indian Land A listing of all open dumps located on Indian L	and in the United States.
	Date of Government Version: 04/01/2014 Date Data Arrived at EDR: 08/06/2014 Date Made Active in Reports: 01/29/2015 Number of Days to Update: 176	Source: Department of Health & Human Serivces, Indian Health Service Telephone: 301-443-1452 Last EDR Contact: 07/31/2020 Next Scheduled EDR Contact: 11/09/2020 Data Release Frequency: Varies
Loc	al Lists of Hazardous waste / Contaminated	Sites
US HIST CDL: National Clandestine Laboratory Register A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.		
	Date of Government Version: 03/18/2020 Date Data Arrived at EDR: 03/19/2020 Date Made Active in Reports: 06/09/2020 Number of Days to Update: 82	Source: Drug Enforcement Administration Telephone: 202-307-1000 Last EDR Contact: 08/19/2020 Next Scheduled EDR Contact: 12/07/2020 Data Release Frequency: No Update Planned
DEL SHWS: Delisted Registry Sites A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.		gistry of Inactive Hazardous Waste Disposal Sites.
	Date of Government Version: 05/12/2020 Date Data Arrived at EDR: 05/13/2020 Date Made Active in Reports: 07/28/2020 Number of Days to Update: 76	Source: Department of Environmental Conservation Telephone: 518-402-9622 Last EDR Contact: 08/11/2020 Next Scheduled EDR Contact: 11/23/2020 Data Release Frequency: Quarterly
US	CDL: Clandestine Drug Labs A listing of clandestine drug lab locations. The web site as a public service. It contains addres they found chemicals or other items that indica	U.S. Department of Justice ("the Department") provides this uses of some locations where law enforcement agencies reported ated the presence of either clandestine drug laboratories or dumpsites.

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

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Source: Drug Enforcement Administration Telephone: 202-307-1000 Last EDR Contact: 08/19/2020 Next Scheduled EDR Contact: 12/07/2020 Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

DEC surveyed select businesses, fire departments, fire training centers, bulk storage facilities, airports, and Department of Defense (DoD) facilities. The responses to the survey have helped to determine if these entities used or stored materials containing PFOA/PFOS including AFFF and dispersants used in Teflon coating operations. The results of this survey will be updated periodically as additional responses are received..

Date of Government Version: 01/16/2019 Date Data Arrived at EDR: 05/08/2019 Date Made Active in Reports: 06/24/2019 Number of Days to Update: 47 Source: Department of Environmental Conservation Telephone: 518-402-9020 Last EDR Contact: 08/06/2020 Next Scheduled EDR Contact: 11/16/2020 Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.		
	Date of Government Version: 01/01/2002 Date Data Arrived at EDR: 06/02/2006 Date Made Active in Reports: 07/20/2006 Number of Days to Update: 48	Source: Department of Environmental Conservation Telephone: 518-402-9549 Last EDR Contact: 10/23/2006 Next Scheduled EDR Contact: 01/22/2007 Data Release Frequency: Varies
HIST AST: Historical Petroleum Bulk Storage Database These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,00 This database contains detailed information per site. No longer updated due to the sensitive nature of involved. See AST for more current data.		ase ities in excess of 1,100 gallons and less than 400,000 gallons. ^r site. No longer updated due to the sensitive nature of the information
	Date of Government Version: 01/01/2002 Date Data Arrived at EDR: 06/02/2006 Date Made Active in Reports: 07/20/2006 Number of Days to Update: 48	Source: Department of Environmental Conservation Telephone: 518-402-9549 Last EDR Contact: 10/23/2006 Next Scheduled EDR Contact: 01/22/2007 Data Release Frequency: No Update Planned
Loca	I Land Records	
LIEN	S: Spill Liens Information Lien information from the Oil Spill Fund.	
	Date of Government Version: 05/20/2020 Date Data Arrived at EDR: 05/22/2020 Date Made Active in Reports: 08/06/2020 Number of Days to Update: 76	Source: Office of the State Comptroller Telephone: 518-474-9034 Last EDR Contact: 08/06/2020 Next Scheduled EDR Contact: 11/16/2020 Data Release Frequency: Quarterly
LIEN	S 2: CERCLA Lien Information A Federal CERCLA ('Superfund') lien can exist Superfund monies. These monies are spent to CERCLIS provides information as to the identity	by operation of law at any site or property at which EPA has spent investigate and address releases and threatened releases of contamination. y of these sites and properties.
	Date of Government Version: 07/29/2020 Date Data Arrived at EDR: 08/03/2020 Date Made Active in Reports: 08/25/2020 Number of Days to Update: 22	Source: Environmental Protection Agency Telephone: 202-564-6023 Last EDR Contact: 09/03/2020 Next Scheduled EDR Contact: 10/12/2020

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/22/2020	Source:
Date Data Arrived at EDR: 06/23/2020	Telephor
Date Made Active in Reports: 09/17/2020	Last EDF
Number of Days to Update: 86	Next Sch

Source: U.S. Department of Transportation Telephone: 202-366-4555 Last EDR Contact: 09/22/2020 Next Scheduled EDR Contact: 01/04/2021 Data Release Frequency: Quarterly

Data Release Frequency: Semi-Annually

SPILLS: Spills Information Database

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

Date of Government Version: 05/12/2020 Date Data Arrived at EDR: 05/13/2020 Date Made Active in Reports: 08/03/2020 Number of Days to Update: 82 Source: Department of Environmental Conservation Telephone: 518-402-9549 Last EDR Contact: 08/11/2020 Next Scheduled EDR Contact: 11/23/2020 Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002 Date Data Arrived at EDR: 07/08/2005 Date Made Active in Reports: 07/14/2005 Number of Days to Update: 6 Source: Department of Environmental Conservation Telephone: 518-402-9549 Last EDR Contact: 07/07/2005 Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 06/15/2020 Date Data Arrived at EDR: 06/22/2020 Date Made Active in Reports: 09/18/2020 Number of Days to Update: 88 Source: Environmental Protection Agency Telephone: (212) 637-3660 Last EDR Contact: 09/22/2020 Next Scheduled EDR Contact: 01/04/2021 Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/18/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 86

Source: U.S. Army Corps of Engineers Telephone: 202-528-4285 Last EDR Contact: 08/13/2020 Next Scheduled EDR Contact: 11/30/2020 Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007 Number of Days to Update: 62 Source: USGS Telephone: 888-275-8747 Last EDR Contact: 07/09/2020 Next Scheduled EDR Contact: 10/19/2020 Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018 Date Data Arrived at EDR: 04/11/2018 Date Made Active in Reports: 11/06/2019 Number of Days to Update: 574

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 07/06/2020 Next Scheduled EDR Contact: 10/19/2020 Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017 Date Data Arrived at EDR: 02/03/2017 Date Made Active in Reports: 04/07/2017 Number of Days to Update: 63

Source: Environmental Protection Agency Telephone: 615-532-8599 Last EDR Contact: 08/05/2020 Next Scheduled EDR Contact: 11/23/2020 Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/15/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/22/2020	Telephone: 202-566-1917
Date Made Active in Reports: 09/10/2020	Last EDR Contact: 09/22/2020
Number of Days to Update: 80	Next Scheduled EDR Contact: 01/04/2021
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013 Date Data Arrived at EDR: 03/21/2014 Date Made Active in Reports: 06/17/2014 Number of Days to Update: 88

Source: Environmental Protection Agency Telephone: 617-520-3000 Last EDR Contact: 07/31/2020 Next Scheduled EDR Contact: 11/16/2020 Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017 Date Data Arrived at EDR: 05/08/2018 Date Made Active in Reports: 07/20/2018 Number of Days to Update: 73

Source: Environmental Protection Agency Telephone: 703-308-4044 Last EDR Contact: 08/06/2020 Next Scheduled EDR Contact: 11/16/2020 Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

	Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 06/17/2020 Date Made Active in Reports: 09/10/2020 Number of Days to Update: 85	Source: EPA Telephone: 202-260-5521 Last EDR Contact: 09/18/2020 Next Scheduled EDR Contact: 12/28/2020 Data Release Frequency: Every 4 Years
TRIS: Toxic Chemical Release Inventory System Toxic Release Inventory System. TRIS identifies facilities which release toxic chemica land in reportable quantities under SARA Title III Section 313.		es facilities which release toxic chemicals to the air, water and III Section 313.
	Date of Government Version: 12/31/2018 Date Data Arrived at EDR: 02/05/2020 Date Made Active in Reports: 04/24/2020 Number of Days to Update: 79	Source: EPA Telephone: 202-566-0250 Last EDR Contact: 08/14/2020 Next Scheduled EDR Contact: 11/30/2020 Data Release Frequency: Annually
SSTS: Section 7 Tracking Systems Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.		
	Date of Government Version: 03/01/2020 Date Data Arrived at EDR: 04/21/2020 Date Made Active in Reports: 07/15/2020 Number of Days to Update: 85	Source: EPA Telephone: 202-564-4203 Last EDR Contact: 07/21/2020 Next Scheduled EDR Contact: 11/02/2020 Data Release Frequency: Annually
ROI	D: Records Of Decision Record of Decision. ROD documents mandate and health information to aid in the cleanup.	a permanent remedy at an NPL (Superfund) site containing technical
	Date of Government Version: 07/29/2020 Date Data Arrived at EDR: 08/03/2020 Date Made Active in Reports: 08/25/2020 Number of Days to Update: 22	Source: EPA Telephone: 703-416-0223 Last EDR Contact: 09/03/2020 Next Scheduled EDR Contact: 12/14/2020 Data Release Frequency: Annually
RMI	P: Risk Management Plans When Congress passed the Clean Air Act Ame for chemical accident prevention at facilities us Rule (RMP Rule) was written to implement Sec	endments of 1990, it required EPA to publish regulations and guidance ing extremely hazardous substances. The Risk Management Program ction 112(r) of these amendments. The rule, which built upon existing

for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 01/31/2020 Date Data Arrived at EDR: 05/13/2020 Date Made Active in Reports: 08/03/2020 Number of Days to Update: 82 Source: Environmental Protection Agency Telephone: 202-564-8600 Last EDR Contact: 07/15/2020 Next Scheduled EDR Contact: 11/02/2020 Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

	Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995 Number of Days to Update: 35	Source: EPA Telephone: 202-564-4104 Last EDR Contact: 06/02/2008 Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned
PRP	Potentially Responsible Parties A listing of verified Potentially Responsible Part	ties
	Date of Government Version: 04/27/2020 Date Data Arrived at EDR: 05/06/2020 Date Made Active in Reports: 06/09/2020 Number of Days to Update: 34	Source: EPA Telephone: 202-564-6023 Last EDR Contact: 09/03/2020 Next Scheduled EDR Contact: 11/16/2020 Data Release Frequency: Quarterly
PAD	S: PCB Activity Database System PCB Activity Database. PADS Identifies genera of PCB's who are required to notify the EPA of	ators, transporters, commercial storers and/or brokers and disposers such activities.
	Date of Government Version: 10/09/2019 Date Data Arrived at EDR: 10/11/2019 Date Made Active in Reports: 12/20/2019 Number of Days to Update: 70	Source: EPA Telephone: 202-566-0500 Last EDR Contact: 07/13/2020 Next Scheduled EDR Contact: 10/19/2020 Data Release Frequency: Annually
ICIS: Integrated Compliance Information System The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.		
	Date of Government Version: 11/18/2016 Date Data Arrived at EDR: 11/23/2016 Date Made Active in Reports: 02/10/2017 Number of Days to Update: 79	Source: Environmental Protection Agency Telephone: 202-564-2501 Last EDR Contact: 06/30/2020 Next Scheduled EDR Contact: 10/19/2020 Data Release Frequency: Quarterly
FTTS	5: FIFRA/ TSCA Tracking System - FIFRA (Fed FTTS tracks administrative cases and pesticide TSCA and EPCRA (Emergency Planning and C Agency on a quarterly basis.	eral Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) e enforcement actions and compliance activities related to FIFRA, Community Right-to-Know Act). To maintain currency, EDR contacts the
	Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009 Number of Days to Update: 25	Source: EPA/Office of Prevention, Pesticides and Toxic Substances Telephone: 202-566-1667 Last EDR Contact: 08/18/2017 Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: No Update Planned
FTTS	S INSP: FIFRA/ TSCA Tracking System - FIFRA A listing of FIFRA/TSCA Tracking System (FTT	A (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) S) inspections and enforcements.
	Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009 Number of Days to Update: 25	Source: EPA Telephone: 202-566-1667 Last EDR Contact: 08/18/2017 Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: No Update Planned
MLT	S: Material Licensing Tracking System	

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

	Date of Government Version: 10/25/2019 Date Data Arrived at EDR: 10/25/2019 Date Made Active in Reports: 01/15/2020 Number of Days to Update: 82	Source: Nuclear Regulatory Commission Telephone: 301-415-7169 Last EDR Contact: 07/20/2020 Next Scheduled EDR Contact: 11/02/2020 Data Release Frequency: Quarterly	
COA	L ASH DOE: Steam-Electric Plant Operation D A listing of power plants that store ash in surfac	ata ce ponds.	
	Date of Government Version: 12/31/2018 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 01/15/2020 Number of Days to Update: 42	Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 09/04/2020 Next Scheduled EDR Contact: 12/14/2020 Data Release Frequency: Varies	
COA	COAL ASH EPA: Coal Combustion Residues Surface Impoundments List A listing of coal combustion residues surface impoundments with high hazard potential ratings.		
	Date of Government Version: 01/12/2017 Date Data Arrived at EDR: 03/05/2019 Date Made Active in Reports: 11/11/2019 Number of Days to Update: 251	Source: Environmental Protection Agency Telephone: N/A Last EDR Contact: 08/31/2020 Next Scheduled EDR Contact: 12/14/2020 Data Release Frequency: Varies	
PCB	TRANSFORMER: PCB Transformer Registrati The database of PCB transformer registrations	on Database that includes all PCB registration submittals.	
	Date of Government Version: 09/13/2019 Date Data Arrived at EDR: 11/06/2019 Date Made Active in Reports: 02/10/2020 Number of Days to Update: 96	Source: Environmental Protection Agency Telephone: 202-566-0517 Last EDR Contact: 08/06/2020 Next Scheduled EDR Contact: 11/16/2020 Data Release Frequency: Varies	
RAD	RADINFO: Radiation Information Database The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.		
	Date of Government Version: 07/01/2019 Date Data Arrived at EDR: 07/01/2019 Date Made Active in Reports: 09/23/2019 Number of Days to Update: 84	Source: Environmental Protection Agency Telephone: 202-343-9775 Last EDR Contact: 09/24/2020 Next Scheduled EDR Contact: 01/11/2021 Data Release Frequency: Quarterly	
HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.			
	Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007 Number of Days to Update: 40	Source: Environmental Protection Agency Telephone: 202-564-2501 Last EDR Contact: 12/17/2007 Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned	

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

	Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007 Number of Days to Update: 40	Source: Environmental Protection Agency Telephone: 202-564-2501 Last EDR Contact: 12/17/2008 Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned	
DOT	OPS: Incident and Accident Data Department of Transporation, Office of Pipeline	Safety Incident and Accident data.	
	Date of Government Version: 01/02/2020 Date Data Arrived at EDR: 01/28/2020 Date Made Active in Reports: 04/17/2020 Number of Days to Update: 80	Source: Department of Transporation, Office of Pipeline Safety Telephone: 202-366-4595 Last EDR Contact: 07/27/2020 Next Scheduled EDR Contact: 11/09/2020 Data Release Frequency: Quarterly	
CON	CONSENT: Superfund (CERCLA) Consent Decrees Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.		
	Date of Government Version: 06/30/2020 Date Data Arrived at EDR: 07/15/2020 Date Made Active in Reports: 07/21/2020 Number of Days to Update: 6	Source: Department of Justice, Consent Decree Library Telephone: Varies Last EDR Contact: 07/06/2020 Next Scheduled EDR Contact: 10/19/2020 Data Release Frequency: Varies	
BRS	RS: Biennial Reporting System The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.		
	Date of Government Version: 12/31/2015 Date Data Arrived at EDR: 02/22/2017 Date Made Active in Reports: 09/28/2017 Number of Days to Update: 218	Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 09/22/2020 Next Scheduled EDR Contact: 01/04/2021 Data Release Frequency: Biennially	
INDI	AN RESERV: Indian Reservations This map layer portrays Indian administered lar than 640 acres.	nds of the United States that have any area equal to or greater	
	Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 07/14/2015 Date Made Active in Reports: 01/10/2017 Number of Days to Update: 546	Source: USGS Telephone: 202-208-3710 Last EDR Contact: 07/07/2020 Next Scheduled EDR Contact: 10/19/2020 Data Release Frequency: Semi-Annually	
FUSRAP: Formerly Utilized Sites Remedial Action Program DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.			
	Date of Government Version: 08/08/2017 Date Data Arrived at EDR: 09/11/2018 Date Made Active in Reports: 09/14/2018 Number of Days to Update: 3	Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 07/28/2020 Next Scheduled EDR Contact: 11/16/2020 Data Release Frequency: Varies	
UMT	RA: Uranium Mill Tailings Sites		

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Covernment Varsion: 08/20/2010	
Date Of Government Version, 00/30/2019 Date Date Arrived at EDP: 11/15/2010	Source: Department of Energy
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 08/21/2020
Number of Days to Update: 74	Next Scheduled EDR Contact: 11/30/2020
	Data Release Frequency: Varies
LEAD SMELTER 1: Lead Smelter Sites A listing of former lead smelter site locations.	
Date of Government Version: 07/29/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/03/2020	Telephone: 703-603-8787
Date Made Active in Reports: 08/25/2020	Last EDR Contact: 09/03/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/12/2020
	Data Release Frequency: Varies
LEAD SMELTER 2: Lead Smelter Sites	
A list of several hundred sites in the U.S. where	e secondary lead smelting was done from 1931 and 1964. These sites
may pose a threat to public health through inge	estion of innalation of contaminated soil of dust
Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A
Number of Days to Opdate. So	Data Release Frequency: No Undate Planned
US AIRS (AFS): Aerometric Information Retrieval Sy	ystem Facility Subsystem (AFS)
The database is a sub-system of Aerometric In	formation Retrieval System (AIRS). AFS contains compliance data
on air pollution point sources regulated by the	U.S. EPA and/or state and local air regulatory agencies. This
information comes from source reports by vario	bus stationary sources of air pollution, such as electric power plants,
steel mills, factories, and universities, and prov	level plant data. It is used to track emissions and compliance
data from industrial plants.	
Data of Covernment Version: 10/12/2016	Source: EDA
Date Data Arrived at EDR: 10/26/2016	Telephone: 202-564-2496
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 100	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Annually
US AIRS MINOR: Air Facility System Data	
A listing of minor source facilities.	
A listing of minor source facilities. Date of Government Version: 10/12/2016	Source: EPA
A listing of minor source facilities. Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016	Source: EPA Telephone: 202-564-2496
A listing of minor source facilities. Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017	Source: EPA Telephone: 202-564-2496 Last EDR Contact: 09/26/2017
A listing of minor source facilities. Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017 Number of Days to Update: 100	Source: EPA Telephone: 202-564-2496 Last EDR Contact: 09/26/2017 Next Scheduled EDR Contact: 01/08/2018
A listing of minor source facilities. Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017 Number of Days to Update: 100	Source: EPA Telephone: 202-564-2496 Last EDR Contact: 09/26/2017 Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually
A listing of minor source facilities. Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017 Number of Days to Update: 100	Source: EPA Telephone: 202-564-2496 Last EDR Contact: 09/26/2017 Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually
A listing of minor source facilities. Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017 Number of Days to Update: 100 US MINES: Mines Master Index File Contains all mine identification numbers issued	Source: EPA Telephone: 202-564-2496 Last EDR Contact: 09/26/2017 Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually
A listing of minor source facilities. Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017 Number of Days to Update: 100 US MINES: Mines Master Index File Contains all mine identification numbers issued violation information.	Source: EPA Telephone: 202-564-2496 Last EDR Contact: 09/26/2017 Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually
A listing of minor source facilities. Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017 Number of Days to Update: 100 US MINES: Mines Master Index File Contains all mine identification numbers issued violation information. Date of Government Version: 05/01/2020	Source: EPA Telephone: 202-564-2496 Last EDR Contact: 09/26/2017 Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually If for mines active or opened since 1971. The data also includes Source: Department of Labor, Mine Safety and Health Administration
A listing of minor source facilities. Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017 Number of Days to Update: 100 US MINES: Mines Master Index File Contains all mine identification numbers issued violation information. Date of Government Version: 05/01/2020 Date Data Arrived at EDR: 05/21/2020	Source: EPA Telephone: 202-564-2496 Last EDR Contact: 09/26/2017 Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually If or mines active or opened since 1971. The data also includes Source: Department of Labor, Mine Safety and Health Administration Telephone: 303-231-5959
A listing of minor source facilities. Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017 Number of Days to Update: 100 US MINES: Mines Master Index File Contains all mine identification numbers issued violation information. Date of Government Version: 05/01/2020 Date Data Arrived at EDR: 05/21/2020 Date Made Active in Reports: 08/13/2020 Number of Days 10/10/10/10/10/10/10/10/10/10/10/10/10/1	Source: EPA Telephone: 202-564-2496 Last EDR Contact: 09/26/2017 Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually for mines active or opened since 1971. The data also includes Source: Department of Labor, Mine Safety and Health Administration Telephone: 303-231-5959 Last EDR Contact: 08/25/2020
 A listing of minor source facilities. Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017 Number of Days to Update: 100 US MINES: Mines Master Index File Contains all mine identification numbers issued violation information. Date of Government Version: 05/01/2020 Date Data Arrived at EDR: 05/21/2020 Date Made Active in Reports: 08/13/2020 Number of Days to Update: 84 	Source: EPA Telephone: 202-564-2496 Last EDR Contact: 09/26/2017 Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually for mines active or opened since 1971. The data also includes Source: Department of Labor, Mine Safety and Health Administration Telephone: 303-231-5959 Last EDR Contact: 08/25/2020 Next Scheduled EDR Contact: 12/07/2020 Data Release Frequency: Somi Annually
 A listing of minor source facilities. Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017 Number of Days to Update: 100 US MINES: Mines Master Index File Contains all mine identification numbers issued violation information. Date of Government Version: 05/01/2020 Date Data Arrived at EDR: 05/21/2020 Date Made Active in Reports: 08/13/2020 Number of Days to Update: 84 	Source: EPA Telephone: 202-564-2496 Last EDR Contact: 09/26/2017 Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually d for mines active or opened since 1971. The data also includes Source: Department of Labor, Mine Safety and Health Administration Telephone: 303-231-5959 Last EDR Contact: 08/25/2020 Next Scheduled EDR Contact: 12/07/2020 Data Release Frequency: Semi-Annually

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 05/28/2020 Date Data Arrived at EDR: 05/28/2020 Date Made Active in Reports: 08/13/2020 Number of Days to Update: 77 Source: DOL, Mine Safety & Health Admi Telephone: 202-693-9424 Last EDR Contact: 09/10/2020 Next Scheduled EDR Contact: 12/14/2020 Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020	Source: USGS
Date Data Arrived at EDR: 05/27/2020	Telephone: 703-648-7709
Date Made Active in Reports: 08/13/2020	Last EDR Contact: 08/28/2020
Number of Days to Update: 78	Next Scheduled EDR Contact: 12/07/2020
	Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011 Date Data Arrived at EDR: 06/08/2011 Date Made Active in Reports: 09/13/2011 Number of Days to Update: 97 Source: USGS Telephone: 703-648-7709 Last EDR Contact: 08/28/2020 Next Scheduled EDR Contact: 12/07/2020 Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/22/2020 Date Data Arrived at EDR: 06/22/2020 Date Made Active in Reports: 09/10/2020 Number of Days to Update: 80 Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 09/16/2020 Next Scheduled EDR Contact: 12/21/2020 Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/03/2020 Date Data Arrived at EDR: 03/03/2020 Date Made Active in Reports: 05/28/2020 Number of Days to Update: 86 Source: EPA Telephone: (212) 637-3000 Last EDR Contact: 09/15/2020 Next Scheduled EDR Contact: 12/14/2020 Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018 Date Data Arrived at EDR: 07/02/2020 Date Made Active in Reports: 09/17/2020 Number of Days to Update: 77 Source: Department of Defense Telephone: 703-704-1564 Last EDR Contact: 07/09/2020 Next Scheduled EDR Contact: 10/26/2020 Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Informa	tion
ECHO provides integrated compliance and en	forcement information for about 800,000 regulated facilities nationwide.
Date of Government Version: 06/27/2020 Date Data Arrived at EDR: 07/02/2020 Date Made Active in Reports: 09/28/2020 Number of Days to Update: 88	Source: Environmental Protection Agency Telephone: 202-564-2280 Last EDR Contact: 07/02/2020 Next Scheduled EDR Contact: 10/19/2020 Data Release Frequency: Quarterly
DOCKET HWC: Hazardous Waste Compliance Do	cket Listing
A complete list of the Federal Agency Hazardo	bus Waste Compliance Docket Facilities.
Date of Government Version: 05/31/2018 Date Data Arrived at EDR: 07/26/2018 Date Made Active in Reports: 10/05/2018 Number of Days to Update: 71	Source: Environmental Protection Agency Telephone: 202-564-0527 Last EDR Contact: 08/19/2020 Next Scheduled EDR Contact: 12/07/2020 Data Release Frequency: Varies
FUELS PROGRAM: EPA Fuels Program Registered Listing This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.	
Date of Government Version: 05/18/2020 Date Data Arrived at EDR: 05/19/2020 Date Made Active in Reports: 08/03/2020 Number of Days to Update: 76	Source: EPA Telephone: 800-385-6164 Last EDR Contact: 08/17/2020 Next Scheduled EDR Contact: 11/30/2020 Data Release Frequency: Quarterly
AIRS: Air Emissions Data Point source emissions inventory data.	
Date of Government Version: 08/14/2019 Date Data Arrived at EDR: 08/14/2019 Date Made Active in Reports: 10/16/2019 Number of Days to Update: 63	Source: Department of Environmental Conservation Telephone: 518-402-8452 Last EDR Contact: 07/07/2020 Next Scheduled EDR Contact: 11/02/2020 Data Release Frequency: Annually
COAL ASH: Coal Ash Disposal Site Listing A listing of coal ash disposal site locations.	
Date of Government Version: 07/01/2020 Date Data Arrived at EDR: 07/02/2020 Date Made Active in Reports: 09/22/2020 Number of Days to Update: 82	Source: Department of Environmental Conservation Telephone: 518-402-8660 Last EDR Contact: 09/24/2020 Next Scheduled EDR Contact: 01/11/2021 Data Release Frequency: Quarterly
DRYCLEANERS: Registered Drycleaners A listing of all registered drycleaning facilities.	
Date of Government Version: 06/08/2020 Date Data Arrived at EDR: 06/12/2020 Date Made Active in Reports: 09/02/2020 Number of Days to Update: 82	Source: Department of Environmental Conservation Telephone: 518-402-8403 Last EDR Contact: 08/31/2020 Next Scheduled EDR Contact: 12/21/2020 Data Release Frequency: Annually
E DESIGNATION: E DESIGNATION SITE LISTING The (E (Environmental)) designation would en and would avoid any significant impacts relate	S sure that sampling and remediation take place on the subject properties d to hazardous materials at these locations. The (E) designations

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 02/27/2020 Date Data Arrived at EDR: 03/25/2020 Date Made Active in Reports: 06/10/2020 Number of Days to Update: 77 Source: New York City Department of City Planning Telephone: 718-595-6658 Last EDR Contact: 09/18/2020 Next Scheduled EDR Contact: 12/28/2020 Data Release Frequency: Semi-Annually

Financial Assurance 1: Financial Assurance Information Listing Financial assurance information.

Date of Government Version: 06/25/2020	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 06/25/2020	Telephone: 518-402-8660
Date Made Active in Reports: 07/22/2020	Last EDR Contact: 09/24/2020
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/11/2021
	Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 06/11/2020	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 06/16/2020	Telephone: 518-402-8712
Date Made Active in Reports: 09/02/2020	Last EDR Contact: 09/02/2020
Number of Days to Update: 78	Next Scheduled EDR Contact: 12/21/2020
	Data Release Frequency: Varies

HSWDS: Hazardous Substance Waste Disposal Site Inventory

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

Date of Government Version: 01/01/2003 Date Data Arrived at EDR: 10/20/2006 Date Made Active in Reports: 11/30/2006 Number of Days to Update: 41 Source: Department of Environmental Conservation Telephone: 518-402-9564 Last EDR Contact: 05/26/2009 Next Scheduled EDR Contact: 08/24/2009 Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 01/01/2019 Date Data Arrived at EDR: 04/29/2020 Date Made Active in Reports: 07/10/2020 Number of Days to Update: 72 Source: Department of Environmental Conservation Telephone: 518-402-8651 Last EDR Contact: 07/31/2020 Next Scheduled EDR Contact: 11/09/2020 Data Release Frequency: Quarterly

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 05/12/2020 Date Data Arrived at EDR: 05/14/2020 Date Made Active in Reports: 07/31/2020 Number of Days to Update: 78 Source: Department of Environmental Conservation Telephone: 518-402-8233 Last EDR Contact: 07/15/2020 Next Scheduled EDR Contact: 11/02/2020 Data Release Frequency: No Update Planned

VAPOR REOPENED: Vapor Intrusion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 12/01/2018	Source: Department of Environmenal Conservation
Date Data Arrived at EDR: 02/13/2019	Telephone: 518-402-9814
Date Made Active in Reports: 06/13/2019	Last EDR Contact: 08/14/2020
Number of Days to Update: 120	Next Scheduled EDR Contact: 11/23/2020
	Data Release Frequency: Varies

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 05/31/2020	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 06/03/2020	Telephone: 518-402-8056
Date Made Active in Reports: 08/13/2020	Last EDR Contact: 09/01/2020
Number of Days to Update: 71	Next Scheduled EDR Contact: 12/14/2020
	Data Release Frequency: Quarterly

COOLING TOWERS: Registered Cooling Towers

This data includes the location of cooling towers registered with New York State. The data is self-reported by owners/property managers of cooling towers in service in New York State. In August 2015, the New York State Department of Health released emergency regulations requiring the owners of cooling towers to register them with New York State.

Date of Government Version: 04/08/2020 Date Data Arrived at EDR: 04/15/2020 Date Made Active in Reports: 07/06/2020 Number of Days to Update: 82 Source: Department of Health Telephone: 518-402-7650 Last EDR Contact: 07/14/2020 Next Scheduled EDR Contact: 10/26/2020 Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

> Date of Government Version: 04/06/2018 Date Data Arrived at EDR: 10/21/2019 Date Made Active in Reports: 10/24/2019 Number of Days to Update: 3

Source: USGS Telephone: 703-648-6533 Last EDR Contact: 08/28/2020 Next Scheduled EDR Contact: 12/07/2020 Data Release Frequency: Varies

PCS ENF: Enforcement data No description is available for this data

> Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 02/05/2015 Date Made Active in Reports: 03/06/2015 Number of Days to Update: 29

Source: EPA Telephone: 202-564-2497 Last EDR Contact: 07/01/2020 Next Scheduled EDR Contact: 10/19/2020 Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014 Date Data Arrived at EDR: 01/06/2015 Date Made Active in Reports: 05/06/2015 Number of Days to Update: 120 Source: EPA Telephone: 202-564-2496 Last EDR Contact: 07/09/2020 Next Scheduled EDR Contact: 10/19/2020 Data Release Frequency: Semi-Annually

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011 Date Data Arrived at EDR: 08/05/2011 Date Made Active in Reports: 09/29/2011 Number of Days to Update: 55 Source: EPA, Office of Water Telephone: 202-564-2496 Last EDR Contact: 09/11/2020 Next Scheduled EDR Contact: 12/21/2020 Data Release Frequency: Semi-Annually

NYC LEAD: Lead-based Paint Testing Results

The results of the inspections for all classrooms serving students under six in applicable buildings. Identifies all classrooms, whether there was observation of peeling paint, and if there was, standard response protocol was followed.

Date of Government Version: 05/28/2020 Date Data Arrived at EDR: 05/29/2020 Date Made Active in Reports: 07/02/2020 Number of Days to Update: 34 Source: New York City Department of Education Telephone: 212-374-5141 Last EDR Contact: 08/04/2020 Next Scheduled EDR Contact: 11/16/2020 Data Release Frequency: Varies

NYC LEAD 2: Recent Lead Paint Violations

Pursuant to New York City?s Housing Maintenance Code, the Department of Housing Preservation and Development (HPD) issues violations against conditions in rental dwelling units that have been verified to violate the New York City Housing Maintenance Code (HMC) or the New York State Multiple Dwelling Law (MDL). Violations are issued when an inspection verifies that a violation of the HMC or MDL exists. It is closed when the violation is corrected, as observed/verified by HPD or as certified by the landlord.

Date of Government Version: 05/28/2020Source: New York City Department of Housing Preservation & DevelopmentDate Data Arrived at EDR: 06/02/2020Telephone: 212-863-8200Date Made Active in Reports: 07/02/2020Last EDR Contact: 08/04/2020Number of Days to Update: 30Next Scheduled EDR Contact: 11/06/2019Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 12/30/2013 Number of Days to Update: 182 Source: Department of Environmental Conservation Telephone: N/A Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 01/10/2014 Number of Days to Update: 193 Source: Department of Environmental Conservation Telephone: N/A Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

COUNTY RECORDS

CORTLAND COUNTY:

AST - CORTLAND: Cortland County Storage Tank Listing	
A listing of aboveground storage tank sites located in Cortland C	ounty.

Date of Government Version: 08/20/2019	Source: Cortland County Health Department
Date Data Arrived at EDR: 08/20/2019	Telephone: 607-753-5035
Date Made Active in Reports: 10/16/2019	Last EDR Contact: 07/22/2020
Number of Days to Update: 57	Next Scheduled EDR Contact: 11/09/2020
	Data Release Frequency: Quarterly

UST - CORTLAND: Cortland County Storage Tank Listing A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019SoDate Data Arrived at EDR: 08/20/2019ToDate Made Active in Reports: 10/16/2019LaNumber of Days to Update: 57N

Source: Cortland County Health Department Telephone: 607-753-5035 Last EDR Contact: 07/22/2020 Next Scheduled EDR Contact: 11/09/2020 Data Release Frequency: Quarterly

NASSAU COUNTY:

AST - NASSAU: Registered Tank Database A listing of aboveground storage tank sites located in Nassau County.

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: No Update Planned

AST NCFM: Storage Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011	Source: Nassau County Office of the Fire Marshal
Date Data Arrived at EDR: 02/23/2011	Telephone: 516-572-1000
Date Made Active in Reports: 03/29/2011	Last EDR Contact: 07/22/2020
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/09/2020
	Data Release Frequency: Varies

TANKS NASSAU: Registered Tank Database in Nassau County A listing of facilities in Nassau County with storage tanks.

Date of Government Version: 01/09/2017	Source: Nassau County Department of Health
Date Data Arrived at EDR: 01/11/2017	Telephone: 516-227-9691
Date Made Active in Reports: 02/15/2017	Last EDR Contact: 07/22/2020
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/09/2020
	Data Release Frequency: Varies

UST - NASSAU: Registered Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017	Source: Nassau County Health Department
Date Data Arrived at EDR: 01/11/2017	Telephone: 516-571-3314
Date Made Active in Reports: 02/15/2017	Last EDR Contact: 07/22/2020
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/09/2020
	Data Release Frequency: No Update Planned

UST NCFM: Storage Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011 Date Data Arrived at EDR: 02/23/2011 Date Made Active in Reports: 03/29/2011 Number of Days to Update: 34 Source: Nassau County Office of the Fire Marshal Telephone: 516-572-1000 Last EDR Contact: 07/22/2020 Next Scheduled EDR Contact: 11/09/2020 Data Release Frequency: Varies

ROCKLAND COUNTY:

AST - ROCKLAND: Petroleum Bulk Storage Database

A listing of aboveground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017 Date Data Arrived at EDR: 03/17/2017 Date Made Active in Reports: 09/22/2017 Number of Days to Update: 189 Source: Rockland County Health Department Telephone: 914-364-2605 Last EDR Contact: 08/26/2020 Next Scheduled EDR Contact: 12/14/2020 Data Release Frequency: No Update Planned

UST - ROCKLAND: Petroleum Bulk Storage Database

A listing of underground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017 Date Data Arrived at EDR: 03/17/2017 Date Made Active in Reports: 09/22/2017 Number of Days to Update: 189 Source: Rockland County Health Department Telephone: 914-364-2605 Last EDR Contact: 08/26/2020 Next Scheduled EDR Contact: 12/14/2020 Data Release Frequency: No Update Planned

SUFFOLK COUNTY:

AST - SUFFOLK: Storage Tank Database

A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018	Source: Suffolk County Department of Health Services
Date Data Arrived at EDR: 12/06/2018	Telephone: 631-854-2521
Date Made Active in Reports: 02/07/2019	Last EDR Contact: 07/22/2020
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/09/2020
	Data Release Frequency: No Update Planned

TANKS SUFFOLK: Storage Tank Database

This county is not included in the state?s database. These are facilities that have no tank information in the storage tank database.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 02/05/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 31

Source: Department of Health Services Telephone: 631-854-2516 Last EDR Contact: 07/22/2020 Next Scheduled EDR Contact: 11/09/2020 Data Release Frequency: Varies

UST - SUFFOLK: Storage Tank Database

A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018 Date Data Arrived at EDR: 12/06/2018 Date Made Active in Reports: 02/07/2019 Number of Days to Update: 63 Source: Suffolk County Department of Health Services Telephone: 631-854-2521 Last EDR Contact: 07/22/2020 Next Scheduled EDR Contact: 11/09/2020 Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

AST - WESTCHESTER: Listing of Storage Tanks A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 06/09/2020 Date Data Arrived at EDR: 06/09/2020 Date Made Active in Reports: 08/18/2020 Number of Days to Update: 70	Source: Westchester County Department of Health Telephone: 914-813-5161 Last EDR Contact: 07/22/2020 Next Scheduled EDR Contact: 11/09/2020
Number of Days to Opdate. To	Data Release Frequency: Semi-Annually

UST - WESTCHESTER: Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 06/09/2020	Source: Westchester County Department of Health
Date Data Arrived at EDR: 06/09/2020	Telephone: 914-813-5161
Date Made Active in Reports: 08/18/2020	Last EDR Contact: 07/22/2020
Number of Days to Update: 70	Next Scheduled EDR Contact: 11/09/2020
	Data Release Frequency: Semi-Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

	Date of Government Version: 05/12/2020 Date Data Arrived at EDR: 05/12/2020 Date Made Active in Reports: 07/27/2020 Number of Days to Update: 76	Source: Department of Energy & Environmental Protection Telephone: 860-424-3375 Last EDR Contact: 08/10/2020 Next Scheduled EDR Contact: 11/23/2020 Data Release Frequency: No Update Planned
NJ I	MANIFEST: Manifest Information Hazardous waste manifest information.	
	Date of Government Version: 12/31/2018 Date Data Arrived at EDR: 04/10/2019 Date Made Active in Reports: 05/16/2019 Number of Days to Update: 36	Source: Department of Environmental Protection Telephone: N/A Last EDR Contact: 07/09/2020 Next Scheduled EDR Contact: 10/19/2020 Data Release Frequency: Annually
PA	MANIFEST: Manifest Information Hazardous waste manifest information.	
	Date of Government Version: 06/30/2018 Date Data Arrived at EDR: 07/19/2019 Date Made Active in Reports: 09/10/2019 Number of Days to Update: 53	Source: Department of Environmental Protection Telephone: 717-783-8990 Last EDR Contact: 07/09/2020 Next Scheduled EDR Contact: 10/26/2020 Data Release Frequency: Annually

RI MANIFEST: Manifest information Hazardous waste manifest information

Date of Government Version: 12/31/2018 Date Data Arrived at EDR: 10/02/2019 Date Made Active in Reports: 12/10/2019 Number of Days to Update: 69

VT MANIFEST: Hazardous Waste Manifest Data Hazardous waste manifest information.

> Date of Government Version: 10/28/2019 Date Data Arrived at EDR: 10/29/2019 Date Made Active in Reports: 01/09/2020 Number of Days to Update: 72

Source: Department of Environmental Management Telephone: 401-222-2797 Last EDR Contact: 08/11/2020 Next Scheduled EDR Contact: 11/30/2020 Data Release Frequency: Annually

Source: Department of Environmental Conservation Telephone: 802-241-3443 Last EDR Contact: 07/09/2020 Next Scheduled EDR Contact: 10/26/2020 Data Release Frequency: Annually

WI MANIFEST: Manifest Information Hazardous waste manifest information.

Date of Government Version: 05/31/2018 Date Data Arrived at EDR: 06/19/2019 Date Made Active in Reports: 09/03/2019 Number of Days to Update: 76 Source: Department of Natural Resources Telephone: N/A Last EDR Contact: 09/02/2020 Next Scheduled EDR Contact: 12/21/2020 Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals. Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools Source: National Center for Education Statistics Telephone: 202-502-7300 The National Center for Education Statistics' primary database on private school locations in the United States. Daycare Centers: Day Care Providers Source: Department of Health Telephone: 212-676-2444

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA Telephone: 877-336-2627 Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands Source: Department of Environmental Conservation Telephone: 518-402-8961

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PROPOSED PV ARRAY 2621 NY-5S FULTONVILLE, NY 12072

TARGET PROPERTY COORDINATES

Latitude (North):	42.924485 - 42° 55' 28.15"
Longitude (West):	74.312791 - 74° 18' 46.05"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	556083.5
UTM Y (Meters):	4752443.0
Elevation:	369 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5939533 TRIBES HILL, NY
Version Date:	2013

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.
GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
Not Reported	
Additional Panels in search area:	FEMA Source Type
Not Reported	
NATIONAL WETLAND INVENTORY	
NWI Quad at Target Property TRIBES HILL	Data Coverage YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:				
Search Radius:	1.25 miles			
Status:	Not found			

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID Not Reported LOCATION FROM TP GENERAL DIRECTION GROUNDWATER FLOW

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

Era:	Paleozoic	Category:	Stratified Sequence
System:	Ordovician	0.1	
Series:	Middle Ordovician (Mohawkian)		
Code:	O2 (decoded above as Era, System & S	Series)	

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 06211168.2r



SITE NAME:	Proposed PV Array	CLIENT:
ADDRESS:	2621 NY-5S	CONTAC
	Fultonville NY 12072	INQUIR
LAT/LONG:	42.924485 / 74.312791	DATE:

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1	
Soil Component Name:	Howard
Soil Surface Texture:	gravelly silt loam
Hydrologic Group:	Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.
Soil Drainage Class:	Well drained
Hydric Status: Not hydric	
Corrosion Potential - Uncoated Steel:	Low
Depth to Bedrock Min:	> 0 inches
Depth to Watertable Min:	> 0 inches

	Soil Layer Information						
	Boundary			Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	9 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 141	Max: 8.4 Min: 6.6
2	9 inches	18 inches	very gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 141	Max: 8.4 Min: 6.6

Soil Layer Information							
	Bou	indary		Classi	Classification		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
3	18 inches	59 inches	very gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 141	Max: 8.4 Min: 6.6
4	59 inches	64 inches	stratified very gravelly loamy sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 141	Max: 8.4 Min: 6.6

Soil Map ID: 2	
Soil Component Name:	Lansing
Soil Surface Texture:	silt loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Well drained
Hydric Status: Not hydric	
Corrosion Potential - Uncoated Steel:	Low
Depth to Bedrock Min:	> 0 inches
Depth to Watertable Min:	> 0 inches

	Soil Layer Information						
	Boundary			Classification		Saturated hvdraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
2	7 inches	20 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
3	20 inches	31 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
4	31 inches	59 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

Soil Map ID: 3	
Soil Component Name:	Phelps
Soil Surface Texture:	gravelly loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 54 inches

	Soil Layer Information						
	Boundary		Classification		Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	7 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel.	Max: 141 Min: 14	Max: 8.4 Min: 7.4
2	7 inches	12 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel.	Max: 141 Min: 14	Max: 8.4 Min: 7.4
3	12 inches	25 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel.	Max: 141 Min: 14	Max: 8.4 Min: 7.4
4	25 inches	35 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel.	Max: 141 Min: 14	Max: 8.4 Min: 7.4
5	35 inches	59 inches	stratified very gravelly sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel.	Max: 141 Min: 14	Max: 8.4 Min: 7.4

Soil Map ID: 4	
Soil Component Name:	Fredon
Soil Surface Texture:	gravelly silt loam
Hydrologic Group:	Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.
Soil Drainage Class:	Somewhat poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 23 inches

Soil Layer Information							
	Bou	indary	Classification		Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	9 inches	18 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 1.4	Max: 8.4 Min: 5.6
2	31 inches	44 inches	stratified very gravelly sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 1.4	Max: 8.4 Min: 5.6
3	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 1.4	Max: 8.4 Min: 5.6
4	18 inches	31 inches	very gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 1.4	Max: 8.4 Min: 5.6
5	44 inches	59 inches	stratified silt loam to very fine sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 1.4	Max: 8.4 Min: 5.6

Soil Map ID: 5	
Soil Component Name:	Palmyra
Soil Surface Texture:	gravelly silt loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Bou	Boundary		Classi	Classification		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	9 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel.	Max: 141 Min: 42	Max: 8.4 Min: 7.4
2	9 inches	20 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel.	Max: 141 Min: 42	Max: 8.4 Min: 7.4
3	20 inches	59 inches	stratified very gravelly sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel.	Max: 141 Min: 42	Max: 8.4 Min: 7.4

Soil Map ID: 6

Soil Component Name:	Howard
Soil Surface Texture:	gravelly silt loam
Hydrologic Group:	Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.
Soil Drainage Class:	Well drained
Hydric Status: Not hydric	
Corrosion Potential - Uncoated Steel:	Low
Depth to Bedrock Min:	> 0 inches
Depth to Watertable Min:	> 0 inches

			Soil Laye	r Information			
	Bou	indary		Classi	fication	Saturated	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	9 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 141	Max: 8.4 Min: 6.6
2	9 inches	18 inches	very gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 141	Max: 8.4 Min: 6.6
3	18 inches	59 inches	very gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 141	Max: 8.4 Min: 6.6
4	59 inches	64 inches	stratified very gravelly loamy sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 141	Max: 8.4 Min: 6.6

Soil Map ID: 7	
Soil Component Name:	Lansing
Soil Surface Texture:	silt loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Bou	ndary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
2	7 inches	20 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
3	20 inches	31 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
4	31 inches	59 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

Soil Map ID: 8	
Soil Component Name:	Plainfield
Soil Surface Texture:	loamy sand
Hydrologic Group:	Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.
Soil Drainage Class:	Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Bou	Indary		Classification		Saturated bydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	7 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6.5 Min: 4.5
2	7 inches	31 inches	coarse sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6.5 Min: 4.5
3	31 inches	77 inches	coarse sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6.5 Min: 4.5

Soil Map ID: 9	
Soil Component Name:	Howard
Soil Surface Texture:	gravelly silt loam
Hydrologic Group:	Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.
Soil Drainage Class:	Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary		Classi	fication	Saturated		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	9 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 141	Max: 8.4 Min: 6.6
2	9 inches	18 inches	very gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 141	Max: 8.4 Min: 6.6
3	18 inches	59 inches	very gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 141	Max: 8.4 Min: 6.6
4	59 inches	64 inches	stratified very gravelly loamy sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141 Min: 141	Max: 8.4 Min: 6.6

Soil Map ID: 10	
Soil Component Name:	Unadilla
Soil Surface Texture:	silt loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Well drained
Hydric Status: Not hydric	
Corrosion Potential - Uncoated Steel:	Low
Depth to Bedrock Min:	> 0 inches
Depth to Watertable Min:	> 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 14	Max: 7.8 Min: 5.1
2	9 inches	27 inches	very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 14	Max: 7.8 Min: 5.1
3	27 inches	50 inches	very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 14	Max: 7.8 Min: 5.1
4	50 inches	59 inches	stratified very gravelly sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 14	Max: 7.8 Min: 5.1

Soil Map ID: 11	
Soil Component Name:	Lansing
Soil Surface Texture:	silt loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Well drained
Hydric Status: Not hydric	
Corrosion Potential - Uncoated Steel:	Low
Depth to Bedrock Min:	> 0 inches
Depth to Watertable Min:	> 0 inches

	Soil Layer Information						
	Boundary		Classification		Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
2	7 inches	20 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty, Sand	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
3	20 inches	31 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
4	31 inches	59 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

Soil Component Name:	Fluvaquents
Soil Surface Texture:	gravelly silt loam
Hydrologic Group:	Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
Soil Drainage Class:	Poorly drained
Hydric Status: All hydric	
Corrosion Potential - Uncoated Steel:	High
Depth to Bedrock Min:	> 0 inches
Depth to Watertable Min:	> 0 inches

Soil Layer Information							
	Βοι	indary		Classi	fication	Saturated	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	5 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 141 Min: 0.42	Max: 8.4 Min: 4.5
2	5 inches	70 inches	very gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 141 Min: 0.42	Max: 8.4 Min: 4.5

Soil Map ID: 13	
Soil Component Name:	Udorthents
Soil Surface Texture:	gravelly loam
Hydrologic Group:	Class A/D - Drained/undrained hydrology class of soils that can be drained and are classified.
Soil Drainage Class:	Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 137 inches

Soil Layer Information							
	Βοι	indary		Classi	Classification		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	3 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 42 Min: 0.42	Max: 8.4 Min: 4.5
2	3 inches	70 inches	very gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 42 Min: 0.42	Max: 8.4 Min: 4.5

Soil Map ID: 14	
Soil Component Name:	Lansing
Soil Surface Texture:	silt loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Well drained
Hydric Status: Not hydric	
Corrosion Potential - Uncoated Steel:	Low
Depth to Bedrock Min:	> 0 inches
Depth to Watertable Min:	> 92 inches

Soil Layer Information							
	Boundary			Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
2	7 inches	20 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
3	20 inches	31 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
4	31 inches	59 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS40000865580	1/4 - 1/2 Mile NNW
B2	USGS40000865601	1/4 - 1/2 Mile North
B3	USGS40000865600	1/4 - 1/2 Mile North
A4	USGS40000865602	1/4 - 1/2 Mile NNW
A5	USGS40000865603	1/4 - 1/2 Mile NNW
6	USGS40000865593	1/4 - 1/2 Mile NW
C7	USGS40000865560	1/4 - 1/2 Mile ENE
C8	USGS40000865559	1/4 - 1/2 Mile ENE
C9	USGS40000865576	1/2 - 1 Mile ENE
11	USGS40000865515	1/2 - 1 Mile East
13	USGS40000865780	1/2 - 1 Mile NNE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

		LOCATION
MAP ID	WELL ID	FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
10	NYWS30000010236	1/2 - 1 Mile South
12	NYWS3000010251	1/2 - 1 Mile SW

PHYSICAL SETTING SOURCE MAP - 06211168.2r



SITE NAME: ADDRESS: LAT/LONG:	Proposed PV Array 2621 NY-5S Fultonville NY 12072 42.924485 / 74.312791	CLIENT: CONTACT: INQUIRY #: DATE:	EBI Consulting API User 06211168.2r September 30, 2020 4:55 pm
		Copyrid	abt @ 2020 EDD Inc @ 2015 TomTom Dol _ 2015

Map ID Direction				
Distance Elevation		Da	abase	EDR ID Number
A1 NNW 1/4 - 1/2 Mile Lower		FEI	USGS	USGS40000865580
Organization ID: Monitor Location: Description: Drainage Area: Contrib Drainage Area: Aquifer: Aquifer Type: Well Depth: Well Hole Depth:	USGS-NY MT 269 Not Reported Not Reported Not Reported Not Reported 137 Not Reported	Organization Name: Type: HUC: Drainage Area Units: Contrib Drainage Area Unts: Formation Type: Construction Date: Well Depth Units: Well Hole Depth Units:	USC Well Not Not Not ft Not	SS New York Water Science Center Reported Reported Reported Reported Reported Reported
B2 North 1/4 - 1/2 Mile Lower		FEI	USGS	USGS40000865601
Organization ID: Monitor Location: Description: Drainage Area: Contrib Drainage Area: Aquifer: Formation Type: Construction Date: Well Depth Units: Well Hole Depth Units:	USGS-NY MT 433 Not Reported Not Reported Sand and gravel aquifers (glaci Sand and Gravel 1964 ft	Organization Name: Type: HUC: Drainage Area Units: Contrib Drainage Area Unts: ated regions) Aquifer Type: Well Depth: Well Hole Depth:	USG Well 0202 Not Not 134	SS New York Water Science Center 20004 Reported Reported Reported
B3 North 1/4 - 1/2 Mile Lower		FEI	USGS	USGS40000865600
Organization ID: Monitor Location: Description: Drainage Area: Contrib Drainage Area: Aquifer: Formation Type: Construction Date: Well Depth Units: Well Hole Depth Units:	USGS-NY MT 432 Not Reported Not Reported Not Reported Sand and gravel aquifers (glaci Sand and Gravel 1963 ft	Organization Name: Type: HUC: Drainage Area Units: Contrib Drainage Area Unts: ated regions) Aquifer Type: Well Depth: Well Hole Depth:	USC Well 0202 Not Not 128 128	SS New York Water Science Center 20004 Reported Reported Reported

A4 NNW 1/4 - 1/2 Mile Lower

> Organization ID: Monitor Location:

USGS-NY MT 365 Organization Name: Type: USGS New York Water Science Center Well

USGS40000865602

FED USGS

Description: Drainage Area: Contrib Drainage Area: Aquifer: Aquifer Type: Well Depth: Well Hole Depth:

Α5 NNW 1/4 - 1/2 Mile Lower

Organization ID: Monitor Location: Description: Drainage Area: Contrib Drainage Area: Aquifer: Aquifer Type: Well Depth: Well Hole Depth:

6 NW 1/4 - 1/2 Mile Lower

Organization ID: Monitor Location: Description: Drainage Area: Contrib Drainage Area: Aquifer: Formation Type: Construction Date: Well Depth Units: Well Hole Depth Units:

Not Reported Not Reported Not Reported Other aquifers Not Reported 138 Not Reported

USGS-NY

Not Reported

Not Reported

Not Reported

Other aquifers

Not Reported

Not Reported

MT 366

9.63

ft

ft

HUC: Drainage Area Units: Contrib Drainage Area Unts: Formation Type: Construction Date: Well Depth Units: Well Hole Depth Units:

02020004 Not Reported Not Reported Not Reported Not Reported ft Not Reported

FED USGS USGS40000865603

Organization Name: Type: HUC: Drainage Area Units: Contrib Drainage Area Unts: Formation Type: Construction Date: Well Depth Units: Well Hole Depth Units:

USGS New York Water Science Center Well 02020004 Not Reported Not Reported Not Reported Not Reported ft Not Reported

FED USGS

USGS40000865593

USGS-NY USGS New York Water Science Center Organization Name: MT 431 Type: Well Not Reported HUC: 02020004 Not Reported Drainage Area Units: Not Reported Not Reported Contrib Drainage Area Unts: Not Reported Sand and gravel aquifers (glaciated regions) Sand Aquifer Type: Not Reported 1966 Well Depth: 98 Well Hole Depth: 98

C7 ENE 1/4 - 1/2 Mile Lower

- Organization ID: Monitor Location: Description: Drainage Area: Contrib Drainage Area: Aquifer: Aquifer Type: Well Depth: Well Hole Depth:
- USGS-NY MT 430 Not Reported Not Reported Not Reported Not Reported Not Reported 260 260

FED USGS USGS40000865560

Organization Name: USGS New York Water Science Center Type: Well HUC: 02020004 Drainage Area Units: Not Reported Contrib Drainage Area Unts: Not Reported Formation Type: Bedrock 1958 Construction Date: Well Depth Units: ft Well Hole Depth Units: ft

Map ID Direction Distance				
Elevation		Data	base	EDR ID Number
C8 ENE 1/4 - 1/2 Mile Lower		FED	USGS	USGS40000865559
Organization ID: Monitor Location: Description: Drainage Area: Contrib Drainage Area: Aquifer: Aquifer Type: Well Depth: Well Hole Depth:	USGS-NY MT 429 Not Reported Not Reported Not Reported Not Reported 148 153	Organization Name: Type: HUC: Drainage Area Units: Contrib Drainage Area Unts: Formation Type: Construction Date: Well Depth Units: Well Hole Depth Units:	USG Well 0202 Not F Bedr 1938 ft ft	S New York Water Science Center 20004 Reported Reported ock
C9 ENE 1/2 - 1 Mile Lower		FED	USGS	USGS40000865576
Organization ID: Monitor Location: Description: Drainage Area: Contrib Drainage Area: Aquifer: Aquifer Type: Well Depth: Well Hole Depth:	USGS-NY MT 270 Not Reported Not Reported Not Reported Not Reported 153 Not Reported	Organization Name: Type: HUC: Drainage Area Units: Contrib Drainage Area Unts: Formation Type: Construction Date: Well Depth Units: Well Hole Depth Units:	USG Well Not F Not F Not F Not F ft	S New York Water Science Center Reported Reported Reported Reported Reported Reported
10 South 1/2 - 1 Mile Higher		NY V	VELLS	NYWS3000010236
DEC Well #: Well Depth (ft): Groundwater Depth (ft): Screened Well: Driller Registration #:	MT1085 235 20 N NYRD10231	Location Description: Bedrock Depth (ft): Casing Depth(ft): Avg Dischg Rate (g/m):	ENG 45 50.5 2	LESTON RD
11 East 1/2 - 1 Mile Higher		FED	USGS	USGS40000865515
Organization ID: Monitor Location: Description: Drainage Area: Contrib Drainage Area: Aquifer: Aquifer: Well Depth:	USGS-NY MT 271 Not Reported Not Reported Not Reported Not Reported 515	Organization Name: Type: HUC: Drainage Area Units: Contrib Drainage Area Unts: Formation Type: Construction Date: Well Depth Units:	USG Well Not F Not F Not F Not F	S New York Water Science Center Reported Reported Reported Reported Reported

Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not F	Reported
12 SW 1/2 - 1 Mile Higher		NY W	/ELLS	NYWS3000010251
DEC Well #: Well Depth (ft): Groundwater Depth (ft): Screened Well: Driller Registration #:	MT930 135 40 N NYRD10002	Location Description: Bedrock Depth (ft): Casing Depth(ft): Avg Dischg Rate (g/m):	AUR -999 134.5 30	IESVILLE RD
13 NNE 1/2 - 1 Mile Lower		FED	USGS	USGS40000865780
Organization ID: Monitor Location: Description: Drainage Area: Contrib Drainage Area: Aquifer: Formation Type: Construction Date: Well Depth Units: Well Hole Depth Units:	USGS-NY MT 91 Not Reported Not Reported Not Reported New York and New England c Tribes Hill Limestone Not Reported ft Not Reported	Organization Name: Type: HUC: Drainage Area Units: Contrib Drainage Area Unts: arbonate-rock aquifers Aquifer Type: Well Depth: Well Hole Depth:	USG Well 0202 Not F Not F 150 Not F	S New York Water Science Center 10004 Reported Reported Reported

AREA RADON INFORMATION

State Database: NY Radon

Radon Test Results

County	Town	Num Tests	Avg Result	Geo Mean	Max Result
MONTGOMERY	AMSTERDAM	101	3.35	1.6	44
MONTGOMERY	CANAJOHARIE	43	3.1	2.37	8.2
MONTGOMERY	CHARLESTON	2	2.5	0.7	4.9
MONTGOMERY	FLORIDA	12	8.13	5.6	24.1
MONTGOMERY	GLEN	13	4.63	2.44	14.2
MONTGOMERY	MINDEN	6	7.85	3.45	20.9
MONTGOMERY	MOHAWK	18	4.43	2.59	20.6
MONTGOMERY	PALATINE	20	5.3	4.56	16.3
MONTGOMERY	ROOT	7	7.11	3.42	28.5
MONTGOMERY	ST. JOHNSVILLE	5	6.14	5.26	9.5

Federal EPA Radon Zone for MONTGOMERY County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L. : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for MONTGOMERY COUNTY, NY

Number of sites tested: 26

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area Basement	0.820 pCi/L 2.020 pCi/L			0% 0%

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA Telephone: 877-336-2627 Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS) The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS) Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS) This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells Source: New York Department of Health Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database Source: Department of Environmental Conservation Telephone: 518-402-8072 These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon Source: Department of Health Telephone: 518-402-7556 Radon Test Results

Area Radon Information

Source: USGS Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA Telephone: 703-356-4020 Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Historical Documentation





AERIAL - 1957 1120005197 PROPOSED PV ARRAY NEW YORK 2621 NY-5S Fultonville, New York 12072

PROJ. MGR: Jon Hickey DRAWN BY: Bill Upfold





AERIAL - 1959 1120005197 PROPOSED PV ARRAY NEW YORK 2621 NY-5S Fultonville, New York 12072

PROJ. MGR: Jon Hickey DRAWN BY: Bill Upfold





AERIAL - 1978 1120005197 PROPOSED PV ARRAY NEW YORK 2621 NY-5S Fultonville, New York 12072

PROJ. MGR: Jon Hickey DRAWN BY: Bill Upfold





AERIAL - 1985 1120005197 PROPOSED PV ARRAY NEW YORK 2621 NY-5S Fultonville, New York 12072

PROJ. MGR: Jon Hickey DRAWN BY: Bill Upfold





AERIAL - 1988 1120005197 PROPOSED PV ARRAY NEW YORK 2621 NY-5S Fultonville, New York 12072

PROJ. MGR: Jon Hickey DRAWN BY: Bill Upfold




AERIAL - 1995 1120005197 PROPOSED PV ARRAY NEW YORK 2621 NY-5S Fultonville, New York 12072

PROJ. MGR: Jon Hickey DRAWN BY: Bill Upfold





AERIAL - 2006 1120005197 PROPOSED PV ARRAY NEW YORK 2621 NY-5S Fultonville, New York 12072

PROJ. MGR: Jon Hickey DRAWN BY: Bill Upfold





AERIAL - 2009 1120005197 PROPOSED PV ARRAY NEW YORK 2621 NY-5S Fultonville, New York 12072

PROJ. MGR: Jon Hickey DRAWN BY: Bill Upfold





AERIAL - 2013 1120005197 PROPOSED PV ARRAY NEW YORK 2621 NY-5S Fultonville, New York 12072

PROJ. MGR: Jon Hickey DRAWN BY: Bill Upfold





AERIAL - 2017 1120005197 PROPOSED PV ARRAY NEW YORK 2621 NY-5S Fultonville, New York 12072

PROJ. MGR: Jon Hickey DRAWN BY: Bill Upfold





TOPO MAP - 1896 1120005197 PROPOSED PV ARRAY NEW YORK 2621 NY-5S Fultonville, New York 12072

PROJ. MGR: Jon Hickey DRAWN BY: Bill Upfold





TOPO MAP - 1898 1120005197 PROPOSED PV ARRAY NEW YORK 2621 NY-5S Fultonville, New York 12072

PROJ. MGR: Jon Hickey DRAWN BY: Bill Upfold





TOPO MAP - 1902 1120005197 PROPOSED PV ARRAY NEW YORK 2621 NY-5S Fultonville, New York 12072

PROJ. MGR: Jon Hickey DRAWN BY: Bill Upfold

Image Provided By EDR USGS Topographic Maps





PROJ. MGR: Jon Hickey DRAWN BY: Bill Upfold





Proposed PV Array 2621 NY-5S Fultonville, NY 12072

Inquiry Number: 6211168.3 September 30, 2020

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

Site Name:

Proposed PV Array 2621 NY-5S Fultonville, NY 12072 EDR Inquiry # 6211168.3

EBI Consulting 21 B Street Burlington, MA 01803 Contact: API User

Client Name:



09/30/20

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by EBI Consulting were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results: Certification # 384D-4501-BC33 PO# NA 1120005197 Project

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results Certification #: 384D-4501-BC33

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

	Library of	Congress
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University Publications of America

EDR Private Collection

The Sanborn Library LLC Since 1866™

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Proposed PV Array

2621 NY-5S Fultonville, NY 12072

Inquiry Number: 6211168.5 October 01, 2020

The EDR-City Directory Image Report



6 Armstrong Road Shelton, CT 06484 800.352.0050 www.edrnet.com

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2014			EDR Digital Archive
2010	\checkmark		EDR Digital Archive
2005	\checkmark		EDR Digital Archive
2000			EDR Digital Archive
1995			EDR Digital Archive
1992			EDR Digital Archive

FINDINGS

TARGET PROPERTY STREET

2621 NY-5S Fultonville, NY 12072

<u>Year</u>	<u>CD Image</u>	<u>Source</u>	
<u>STATE HI</u>	GHWAY 55		
2010	pg A1	EDR Digital Archive	
STATE HV	<u>VY 55</u>		
2014	-	EDR Digital Archive	Street not listed in Source
2005	pg A2	EDR Digital Archive	
2000	-	EDR Digital Archive	Street not listed in Source
1995	-	EDR Digital Archive	Street not listed in Source
1992	-	EDR Digital Archive	Street not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images



Cross Street

-

Source EDR Digital Archive

STATE HIGHWAY 55 2010

1375 VALLEY VIEW MINI MART INC



Cross Street

-

Source EDR Digital Archive

STATE HWY 55 2005

2561 DOBBS, MICHAEL R

Appendix G

Analytical Results

No documents have been associated with this appendix.

Appendix H

Portions of Previous Reports

No documents have been associated with this appendix.

Appendix I

Terminology

TERMINOLOGY

The following provides definitions and descriptions of certain terms that may be used in this report. Italics indicate terms that are defined by ASTM Standard Practice E 1527-13. The Standard Practice should be referenced for further detail related definitions or additional explanation regarding the meaning of terms.

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

De minimis conditions: Conditions that generally do not present threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions or controlled recognized conditions.

Historical recognized environmental condition(s) (HREC): A past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time of the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time of the Phase I ESA, the condition shall be included in the conclusions section of the report as a recognized environmental condition,

Controlled recognized environmental condition(s) (CREC): A recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by the regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). A condition considered by the environmental professional to be a controlled recognized condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental condition does not imply that the environmental professional has evaluated or confirmed the adequacy, implementation, or continued effectiveness of the required control that has been, or is intended to be, implemented.

Material threat: A physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the environmental professional, is threatening and might result in impact to public health or the environment. An example might include an aboveground storage tank that contains a hazardous substance and which shows evidence of damage such that it may cause or contribute to tank integrity failure with a release of contents to the environment.

Material impact to public health or environment: A substantial risk of harm to public health or the environment resulting from the presence or likely presence of an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. An example might include a release of a hazardous substance in concentrations exceeding applicable governmental agency standards under conditions that could reasonably and foreseeably result in substantial exposure to humans or

substantial damage to natural resources. The risk of that exposure or damage would represent a material impact to public health or environment.

General risk of enforcement action: The likelihood that an environmental condition would be subject to enforcement action if brought to the attention of appropriate governmental agencies. If the circumstances suggest an enforcement action would be more likely than not, then the condition is considered a general risk of enforcement action.

Data failure: A failure to achieve the historical research objectives, even after reviewing the standard historical sources that are reasonably ascertainable and likely to be useful. Data failure is one type of data gap.

Data gap: A lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.).