



August 7, 2024

Mr. Brian Orzel General Engineer/Project Manager USACE Operations/Regulatory 16-406 c/o PSC Mail Center 26 Federal Plaza New York, NY 10278

Email: CENAN-R-Permit-App@usace.army.mil

Cc: Brian.A.Orzel@usace.army.mil

RE: Request for an AJD for the wetlands on five parcels in the ownership of:

MILR, LLC P.O. Box 366 Walden, NY 12586

Parcels of Town of Montgomery, Orange County, NY: Section 29, Block 1, Lots 5.1, 5.2, 5.3, 5.4, 5.5 (5 lots)

Dear Mr. Orzel:

Enclosed please find the following items in support of this request for a United States Army Corp of Engineers (USACE) Approved Jurisdictional Determination (AJD) for the above identified five-parcel property located at 1127 New York State Route (SR) 17K. This is a combined site of 54.04± acres. There are four areas of wetlands, totaling 11.139± acres, or approximately 20.6 percent of the property. These wetlands were delineated by Ecological Analysis, LLC (EA)¹. The field delineations of these four areas were conducted on three dates, November 20-21, 2021, and February 27, 2022. The wetlands were delineated in accordance with the 1987 Corps of Engineers Delineation Manual and the 2012 Northcentral and Northeast Regional Supplement.

The owner has described the proposed project (Sheffield Gardens) as the development of the five-parcel property with a combination of residential (single-family and multi-family units) and commercial entities. The final proposed limits of the project review area would be smaller than the parcel size and will be determined subsequent to the jurisdictional review of the USACE which is being requested by this current application. The items that are submitted here to assist you in your evaluation of this property are:

- 1. USACE Wetlands Delineation map drawing with the surveyed wetland delineations. WL-1. Dated 4-29-2024, by Engineering & Surveying Properties, PC;
- 2. USGS 7.5 Minute Walden Quadrangle vicinity map;
- 3. Google Earth aerial photo, with photograph locations indicated;

<sup>&</sup>lt;sup>1</sup> Mailing address: Ecological Analysis, LLC. 633 Rt. 211 East, Middletown, NY. 10941 Phone (845) 879-0123

- 4. USDA NRCS Website Soil Survey report and Hydric Rating report, with soil maps;
- 5. NYSDEC Environmental Resource Mapper (ERM) map;
- 6. USFWS National Wetlands Inventory (NWI) map:
- 7. USGS StreamStats reports for site drainage areas;
- 8. Wetland and Upland USACE data forms for each of the four wetland and upland, with photos;
- 9. Signed authorization form for permission for USACE to inspect property.

During the site investigations, each of the four wetlands was evaluated for the presence of hydrophytic vegetation, hydric soils, and wetland hydrology in accordance with the above referenced Delineation Manual and its Supplement.

### **Site Location**

The currently vacant property is owned by MILR, LLC. The applicant, and the project sponsor, are each the same as the owner. The point of contact for the owner is Mr. Gerald Jacobowitz, Esq. Mr. Jacobowitz can best be contacted by business phone at: 845-778-2581, or by e-mail at jerrymarlen@aol.com. Letters can be sent to:

Mr. Gerald Jacobowitz, Esq. MILR, LLC P.O. Box 366 Walden, NY 12586

As stated above, EA delineated four areas of wetland on the five parcels. These areas were assigned letter designations of A-D, as shown on the attached Site Plan. The coordinates of the approximate center point of this site and of each of the four wetlands are provided in Table 1.

TABLE 1 – Latitude/Longitude coordinates for property and wetland features				
Feature	Latitude	Longitude		
Overall site – center point	41.523335	74.211404		
Wetland A	41.521921	74.213614		
Wetland B	41.521664	74.213035		
Wetland C	41.524925	74.210138		
Wetland D	41.522451	74.208593		

### Site Description and Delineation Reports

The subject property is located east of the Village of Montgomery and north of the Village of Maybrook, both villages within the Town of Montgomery, New York, as shown on the several areal maps presented as attachments to this letter. The property is presently vegetated primarily by second growth forest but does also include some areas dominated by scrub brush and meadow vegetation. Archival USGS maps show no developments on the property throughout the past 70 years.

The online Federal remote mapping resources of the United States Fish and Wildlife agency (USFWS) National Wetland Inventory (NWI), depicts wetlands on the easternmost portion of the property. Presently, a body of open water has inundated a nearly 9-acre portion of Wetland D, which constitutes a small part of the 42.9± acre PEM1Ed NWI feature that is shown on the NWI map.

Wetland delineation reports are attached for each of the wetlands. The measured dimensions for each wetland, and the projected jurisdictional status of each, as observed by EA in the field, are given in Table 2.

TABLE 2 – Wetland dimensions and status					
Wetland	Area (as square footage)	Area (as acreage)	Status		
Α	28,924	0.664	WOTUS <sup>2</sup>		
В	11,935	0.274	ISOLATED		
С	63,467	1.457	WOTUS		
D	380,889	8.744	WOTUS		
	485,215 square feet	11.139 acres			

This property includes wetlands that are within the drainage area of two small streams that are parts of the larger watershed of the Wallkill River. Flow from Wetland A to an offsite, culverted, stream would only occur when either rainfall or snow melt rises above the boundary of Wetland A and floods overland towards the culvert inlet. Flow into a culvert running underneath SR 17K serves to collect drainage from Wetlands C and D and channel it into a tributary of the Wallkill River.

There are two Federally- and State-mapped streams that connect the onsite wetlands to the drainage of the Wallkill River. The Wallkill River has a USACE designation as a Traditionally Navigable Water (TNW). These off-site streams convey drainage from the site. The property is located within the watershed basins of these two streams (refer to attached NYSDEC ERM and USFWS NWI figures) but there are not any reaches of defined stream channels within the project site boundaries.

One stream flows to the north as a Stream Order 2, perennial RPW. The attached USGS StreamStats reporting<sup>3</sup> assigns a drainage area size of 0.44 square miles to NYSDEC Freshwater Wetland WD-29, which includes the on-site portions of WD-29 (Wetland C and Wetland D) from the point of discharge of WD-29, at a culvert installed underneath NYS Route 17K. This stream, with an unconsolidated gravel/mud bottom flows north for approximately 2.25 miles before entering the Wallkill River, a straight (aerial) distance of approximately 1.65 miles.

A second stream flows to the southwest and west as a Stream Order 1, non-RPW. The attached USGS StreamStats reporting<sup>4</sup> assigns a drainage area size of 0.049 square miles to Wetlands A and B, from the point of discharge from Wetland A. This stream, with an unconsolidated sandy/gravel bottom, flows generally westward for approximately 1.64 miles before entering the Wallkill River, a straight (aerial) distance of approximately 0.85 miles.

The mean annual precipitation for northern Orange County, where the project is located, is reported in the USGS StreamStats records as approximately 39 inches per year. The general flow pattern from rainfall on to the site would be either infiltration into soils or sheetflow across the property towards the lowest portions of the site, either Wetland A or Wetland D.

A copy of the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) soil report for the property is included as part of this submittal.

<sup>&</sup>lt;sup>2</sup> WOTUS - Waters of the United States

<sup>&</sup>lt;sup>3</sup> USGS StreamStats (https://streamstats.usgs.gov/ss/). Report for (Latitude, Longitude): 41.52552, -74.20647

<sup>&</sup>lt;sup>4</sup> USGS StreamStats (https://streamstats.usgs.gov/ss/). Report for (Latitude, Longitude): 41.52162, -74.21488

Both the Orange County Soil Survey and the United States Department of Agriculture (USDA) online web soil survey from the Natural Resources Conservation Service (NRCS)<sup>5</sup> were reviewed to verify if there were any potential hydric (wetland) soils on the property. A copy of the USDA/NRCS Web Soil Survey for the property is included for your use. The mapped soil units for these parcels includes both non-hydric (upland) and potentially hydric soil ratings as shown on the attached Web Soil Survey map for this property. There is one upland soil identified on site. The upland soil is in the locations that are shown on the attached Web Soil Survey map as Pittsfield gravelly loams (Pt). There are three potentially hydric soils identified on the property, those that are shown with Map Unit names of: Ca (Canandaigua silt loams), ErB (Erie gravely silt loams), or UH (Udorthents).

Several soil bores were taken during the field investigation across portions of the site outside of the wetlands. These bores identified the presence of upland soils that do not maintain a proper hydrology to develop wetland characteristics, or to support wetland vegetation, as they would dry out during the growing season.

# **Upland Vegetation Oak-maple Hardwood Forest**

The upland areas of the property consist of a mature second-growth forest dominated by oaks and maples (FIGURE 1 - PHOTO 1). This covers approximately 48 acres of the 53-acre site. The dominant trees are pin oak, red oak, sugar maple, red maple, ash, and American beech. Under the fully closed forest canopy provided by these trees, the understory was noted to be densely vegetated with privet shrubbery. The shrub layer did include other areas where Japanese barberry, multiflora rose, Allegheny blackberry, and bush honeysuckles were dominant. Japanese honeysuckle was also observed, infrequently, throughout both the forested and shrubby areas of the site. The seasonal herbaceous layer of vegetation was largely characterized by the presence of the invasive non-native herb, garlic mustard. Areas of copse forming trees, including sumacs, tree-of-heaven, and black locust, are present along the northern and western forest edges of the property.



PHOTO 1 – Oak-maple hardwood forest upland

<sup>&</sup>lt;sup>5</sup> Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Web Soil Survey. Available online at the following link: <a href="http://websoilsurvey.sc.egov.usda.gov/">http://websoilsurvey.sc.egov.usda.gov/</a>. Accessed March 24, 2023.

# **Wetland Vegetation**

Table 3 presents the soil and structural vegetation characteristics of the four site wetlands. The dominate plants observed within each of the wetland or shoreline areas is presented in more detail in the following sections.

	T.	ABLE 3 - Wetland S	oils and Vegeta	tion	
WETLAND	TYPE	SOIL	VEGETATION	HYDROLOGY	JURISDICTION
А	Palustrine Forested	Canandaigua silt loam (Ca)	Trees and shrubs	Saturated	Federal WOTUS
В	Palustrine Forested	Canandaigua silt loam (Ca)	Unvegetated	Inundated	Federal Isolated
С	Palustrine Forested/Emergent	Erie gravelly silt loam (ErB)	Trees, shrubs, and emergents	Saturated/ Inundated	State and Federal WOTUS
D	Lacustrine Littoral/Limnetic	Canandaigua silt loam (Ca)	Shrubs, emergents, and aquatics	Inundated	State and Federal WOTUS

# Palustrine forested wetlands

The forested wetland areas of Wetlands A and C (FIGURE 1 – PHOTOS 2 and 3) were dominated by stands of pin oak, American elm, and red maple in areas of either sparsely or densely developed undergrowth. Where the understory was significantly vegetated, the predominant forms of shrubby undergrowth were silky dogwood, winterberry, nannyberry, and multiflora rose. Herbaceous species included wood reed grass, stiltgrass, sensitive fern, and melic mannagrass.



PHOTO 2 - Palustrine forest at Wetland A.



PHOTO 3 - Palustrine forest at Wetland C.

# **Emergent vegetation wetlands**

This habitat is present within portions of both Wetlands C and D (FIGURE 1 – PHOTOS 4 and 5). Wetland C has a community of emergent vegetation that is primarily present within a shallow depression colonized by cattails, sensitive fern, purple loosestrife, and common reed (phragmites). The emergent community associated with Wetland D is present as a broad area of vegetation that surrounds the open water portion of NYSDEC Wetland WD-29. The dominant plants present are broadleaf cattails, false nettle, jewelweed, and dotted smartweed.



PHOTO 4 - Emergent Vegetation at Wetland C.



PHOTO 5 - Emergent Vegetation at Wetland D.

# **Eutrophic pond**

The open water portion of NYSDEC Wetland WD-29 (FIGURE 1 – PHOTO 6) is a very shallow area of reverted, previously ditched and drained marshland that is flooded in most years. Presently this area includes an expanded area of shallow, open water that forms a nutrient-rich, eutrophic pond. This area is shown as open upland fields on USGS maps as recently as 1957, and is shown with only limited areas of open water by GOOGLE EARTH imagery as recently as 2006. Sampling of the floating or rooted vegetation in this open water portion of Wetland D was not feasible during this investigation.



PHOTO 6 - Eutrophic Pond at Wetland D.

# Vernal pool

The several small forested wetland areas mapped in the southwestern portion of the Project site (FIGURE 1 – PHOTO 7) included areas that had extended periods of flooding and that were observed to be utilized by wood frogs for breeding during spring of 2023. Vegetation around these pools included red maple, elms, sycamore, silky dogwood, and multiflora rose. Seasonal observations of the confines of the pool showed it to be either unvegetated when flooded in wet seasons, or very sparsely vegetated during dry season visits to the site.



PHOTO 7 - Vernal pool at Wetland B.

### **Wetland Habitat Characteristics**

The drainage areas of Wetlands A and B are each small, mostly consisting of the immediate surrounding amount of upland associated individually with each one of them. Wetlands C and D are part of a more extensive drainage area, which incorporates the full extent of NYSDEC Wetland WD-29, a 90± acre wetland. Wetland C, in addition to the runoff from its immediate surrounds, also receives discharge flows from a culvert under SR 17K.

There did not appear to be any visible pollutants in any of the wetlands during our site visit. However, there is a potential for some roadside pollutant runoff into Wetland C due to its location which is immediately adjacent to and down the embankment of SR 17K. At his location there is the potential for some roadside pollutants to be carried in the runoff and culvert discharges from along the roadbed.

The potential for wildlife habitat in the three smaller wetlands (A, B, and C) is minor considering their small size, their impermanent or shallow surface waters, and their surrounding thickets of privets and multiflora rose bush shrubs. Wetland B however was observed to retain a small, semi-permanent, body of open surface water, where frog populations, including breeding wood frogs and egg masses of wood frogs, were incidentally observed during the on-site investigations. Wetland D is part of a larger, more permanent, mostly offsite, open water feature of approximately 25 acres, within an overall 90± acre wetland. The larger acreage and more varied habitat structure around Wetland D would provide useful four-season habitats for local wildlife and waterfowl.

Thank you for reviewing this request for a USACE AJD determination. Please send all inquiries regarding this project request to my attention at the address given below. Should you require any further information at this time, or have any questions, please do not hesitate to contact me at EA's office:

Ecological Analysis, LLC 633 Route 211 East Middletown, NY 10941

bfriedmann@4ecological.com.

Sincerely.

Bruce R. Friedmann

Bruce R. Friedmann Senior Environmental Scientist Ecological Analysis, LLC

Attachments 1-9 (see list on Page 1)

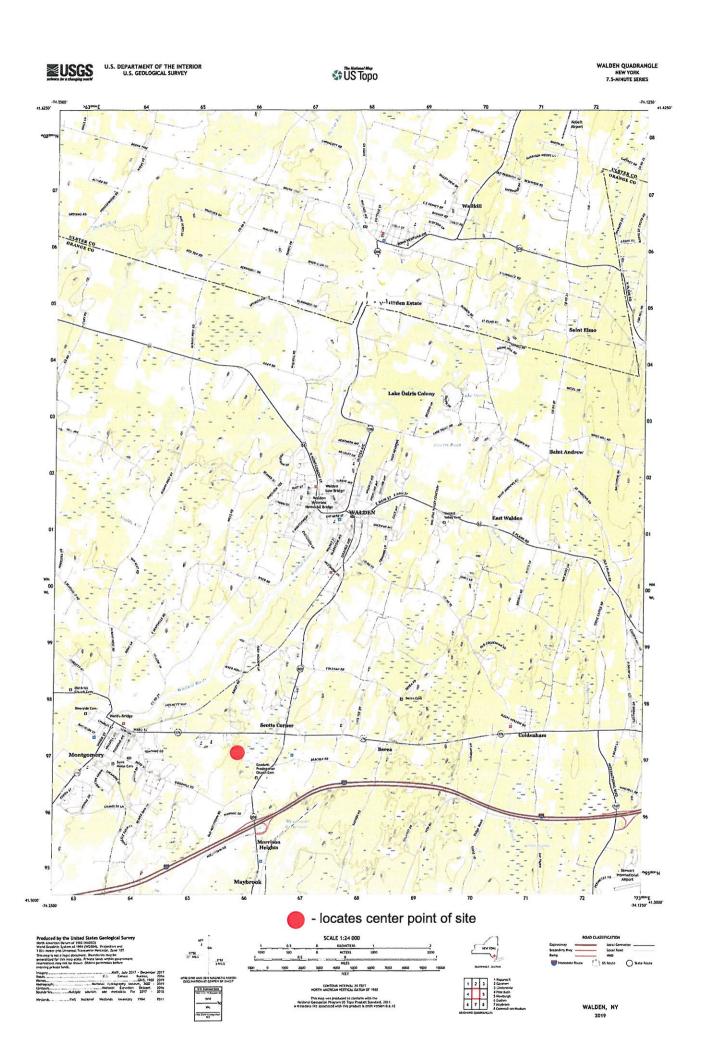
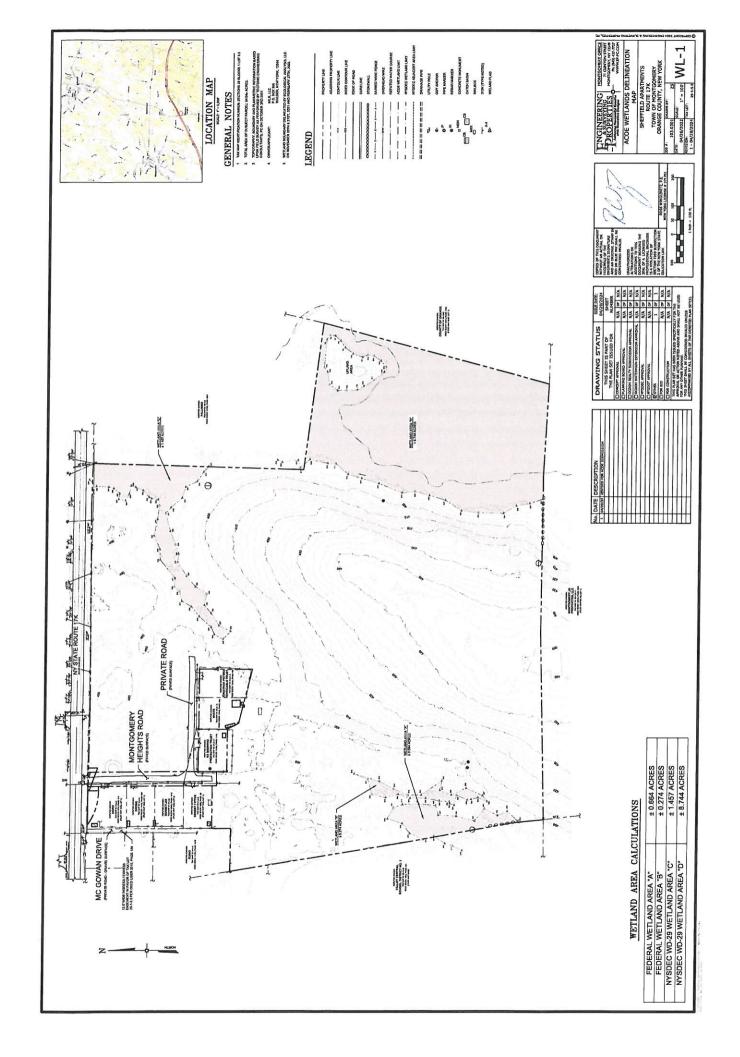
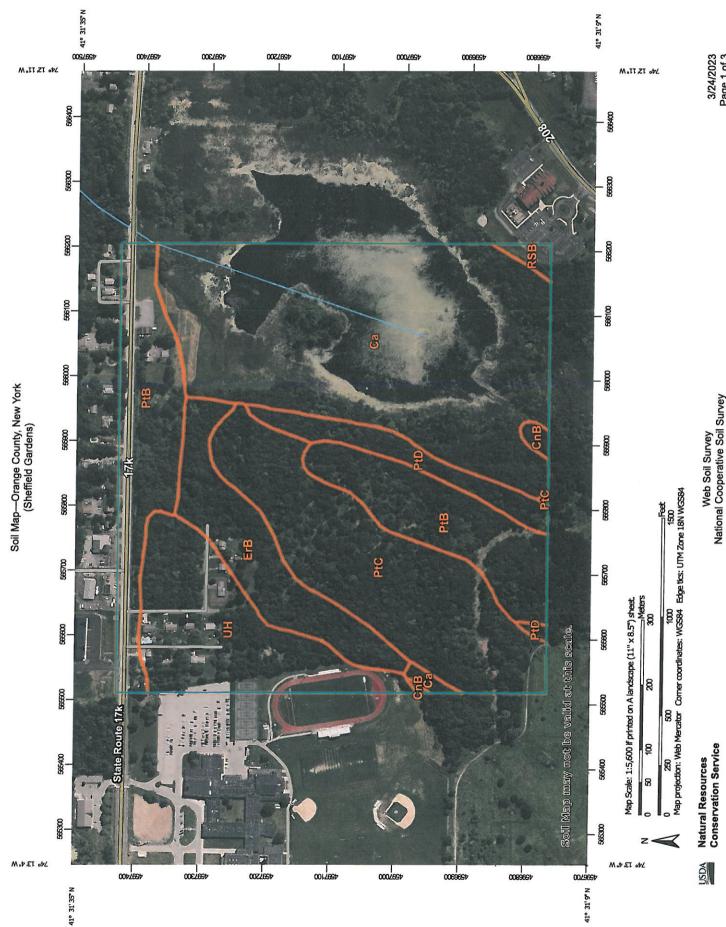


Figure 1 - Photograph locations



- 1. Upland Oak-maple hardwood forest
- 2. Wetland Palustrine forest
- 3. Wetland Emergent vegetation meadow
- 4. Wetland Eutrophic pond
- 5. Wetland Vernal pool





Natural Resources Conservation Service

# MAP LEGEND

		U	
	Area of Interest (AOI)	€	Stony Spot
Soils		2	
	Soil Map Unit Polygons	8	Very Stony
	200	£	Mat Cast
}	Soil Map Unit Lines	Þ	node pan
		<	Officer
	Soil Map Unit Points	3	5
		9	Special I in
Special	Special Point Features		
ම	Blowout	Water Features	ıtures

Stony Spot	Very Stony Spot	Wet Spot	Other
0	8	ę́>	Q



Borrow Pit

Clay Spot





**Gravelly Spot** 

Gravel Pit



Marsh or swamp

-1 K

Lava Flow

Landfill

0 all the Mine or Quarry

Miscellaneous Water

0 0

Perennial Water

Rock Outcrop

>

Saline Spot Sandy Spot

ne Features

Closed Depression

0

Local Roads

# Aerial Photography

# MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

confrasting soils that could have been shown at a more detailed misunderstanding of the detail of mapping and accuracy of soil Enlargement of maps beyond the scale of mapping can cause line placement. The maps do not show the small areas of

Please rely on the bar scale on each map sheet for map measurements. Source of Map: Natural Resources Conservation Service Coordinate System: Web Mercator (EPSG:3857) Web Soil Survey URL:

distance and area. A projection that preserves area, such as the Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required. This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Survey Area Data: Version 23, Sep 10, 2022 Soil Survey Area: Orange County, New York

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger. Date(s) aerial images were photographed: May 31, 2022—Oct 27, 2022

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.

Severely Eroded Spot

Slide or Slip Sodic Spot

Sinkhole

0 D.

# **Map Unit Legend**

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Са	Canandaigua silt loam	42.5	37.3%
CnB	Chenango gravelly silt loam, 3 to 8 percent slopes	0.5	0.4%
ErB	Erie gravelly silt loam, 3 to 8 percent slopes	9.6	8.4%
PtB	Pittsfield gravelly loam, 3 to 8 percent slopes	21.4	18.7%
PtC	Pittsfield gravelly loam, 8 to 15 percent slopes	20.9	18.4%
PtD	Pittsfield gravelly loam, 15 to 25 percent slopes	4.5	3.9%
RSB	Rock outcrop-Nassau complex, undulating	0.6	0.6%
UH	Udorthents, smoothed	13.9	12.2%
Totals for Area of Interest		113.9	100.0%

# Sheffield Gardens

Author: NYSDEC Environmental Resource Mapper Not a legal document

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBasse, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Horig Kong), (c) OpenStreetWap contributors, and the GIS User Community.

State Regulated 500' Wetland Checkzone

State Regulated Rivers/Streams

State Regulated Freshwater Wetlands

Project Site

0.6 mi

0.3

0.15

# Sheffield Gardens



October 12, 2020

# Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Riverine Other

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

# StreamStats Report for NYSDEC Freshwater Wetland WD-29

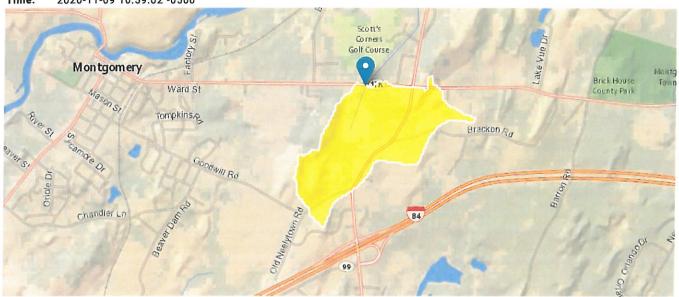
Region ID: N'

Workspace ID: N'

NY20201109155846318000

Clicked Point (Latitude, Longitude): 41.52552, -74.20647

Time: 2020-11-09 10:59:02 -0500



### Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.44	square miles
LC11DEV	Percentage of developed (urban) land from NLCD 2011 classes 21-24	31.8	percent
LC11IMP	Average percentage of impervious area determined from NLCD 2011 impervious dataset	13.4	percent
DUTLETX	Basin outlet horizontal (x) location in state plane coordinates	566205	feet
DUTLETY	Basin outlet vertical (y) location in state plane coordinates	4597405	feet
PRECIP	Mean Annual Precipitation	39.1	inches
STORAGE	Percentage of area of storage (lakes ponds reservoirs wetlands)	22	percent

USGS Data Disclaimer: Unless otherwise stated, all data, metadata and related materials are considered to satisfy the quality standards relative to the purpose for which the data were collected. Although these data and associated metadata have been reviewed for accuracy and completeness and approved for release by the U.S. Geological Survey (USGS), no warranty expressed or implied is made regarding the display or utility of the data for other purposes, nor on all computer systems, nor shall the act of distribution constitute any such warranty.

USGS Software Disclaimer: This software has been approved for release by the U.S. Geological Survey (USGS). Although the software has been subjected to rigorous review, the USGS reserves the right to update the software as needed pursuant to further analysis and review. No warranty, expressed or implied, is made by the USGS or the U.S. Government as to the functionality of the software and related material nor shall the fact of release constitute any such warranty. Furthermore, the software is released on condition that neither the USGS nor the U.S. Government shall be held liable for any damages resulting from its authorized or unauthorized use.

USGS Product Names Disclaimer: Any use of trade, firm, or product names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

# StreamStats Report for southwest drainage from Wetland "A"

Region ID: NY

Workspace ID: NY20240726141018739000

Clicked Point (Latitude, Longitude): 41.52162, -74.21488

Time: 2024-07-26 10:10:39 -0400



Collapse All

	-	01	
>	Basın	Chara	cteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.049	square miles
LC11DEV	Percentage of developed (urban) land from NLCD 2011 classes 21-24	34	percent
LC11IMP	Average percentage of impervious area determined from NLCD 2011 impervious dataset	6.89	percent
OUTLETX	Basin outlet horizontal (x) location in state plane coordinates	565505	feet
OUTLETY	Basin outlet vertical (y) location in state plane coordinates	4596965	feet
PRECIP	Mean Annual Precipitation	39	inches

Parameter Code	Parameter Description	Value	Unit
STORAGE	Percentage of area of storage (lakes ponds reservoirs wetlands)	0	percent

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USGS Product Names Disclaimer: Any use of trade, firm, or product names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

Application Version: 4.21.0

StreamStats Services Version: 1.2.22

NSS Services Version: 2.2.1

# WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Sheffield Gardens (wf1)	City/County: Montgomery, C	Prange County Sampling Date: 02-Aug-24
Applicant/Owner: Gerald Jacobowitz, Esq., MILR, LLC	State:	NY Sampling Point: Wetland A
Investigator(s): Bruce Friedmann	Section, Township, Rang	e: <b>s.</b> 29 <b>r.</b> 1 <b>r.</b> *NOTE
Landform (hillslope, terrace, etc.): Lowland	Local relief (concave, conver	
Subregion (LRR or MLRA): LRR R Lat.:	. 1071	ong.: -74.214 Datum: WGS 84
	41.522	
Soil Map Unit Name: Ca - Canandaigua - silt loam	. 0 . 0	NWI classification: PFO1B
Are climatic/hydrologic conditions on the site typical for this time of	year? Yes   No	(If no, explain in Remarks.)
Are Vegetation , Soil , or Hydrology significan	tly disturbed? Are "Norm	al Circumstances" present? Yes   No
Are Vegetation . , Soil . , or Hydrology . naturally	problematic? (If needed	, explain any answers in Remarks.)
Summary of Findings - Attach site map showing	sampling point locati	ons, transects, important features, et
Hydrophytic Vegetation Present? Yes  No		
Hydric Soil Present? Yes  No  No	Is the Sampled Area within a Wetland?	Yes ● No ○
Wetland Hydrology Present? Yes   No		
*NOTE: S/B/L 29-1-5.1, 5.2, 5.3, 5.4, and 5.5 (Five contiguous lot	÷/	
Hydrology		
Wetland Hydrology Indicators:		Secondary Indicators (minimum of 2 required)
Primary Indicators (minimum of one required; check all that apply)		Surface Soil Cracks (B6)
Surface Water (A1) Water-Stained Le	aves (B9)	Drainage Patterns (B10)
✓ High Water Table (A2) Aquatic Fauna (B.	rosi	Moss Trim Lines (B16)
✓ Saturation (A3)	w.e.	☐ Dry Season Water Table (C2)
Water Marks (B1)		Crayfish Burrows (C8)
☐ Drift deposits (B3) ☐ Presence of Redu	eres along Living Roots (C3)	Saturation Visible on Aerial Imagery (C9)
	ction in Tilled Soils (C6)	
☐ Iron Deposits (B5) ☐ Thin Muck Surface	RESECUTION OF THE PROPERTY OF	Shallow Aquitard (D3)
☐ Inundation Visible on Aerial Imagery (B7) ☐ Other (Explain in		Microtopographic Relief (D4)
Sparsely Vegetated Concave Surface (B8)		FAC-neutral Test (D5)
Field Observations: Surface Water Present?  Yes No Depth (inches):		
Water Table Present? Yes No Depth (inches):	10	
Saturation Present? Yes No Depth (inches):	Wetland Hyd	Irology Present? Yes   No
(includes capillary fringe)  Describe Recorded Data (stream gauge, monitoring well, aerial photo		ilable:
Describe Recorded Data (steam gauge, montoring well, acrial prote	s, previous inspections), if ave	madic.
Remarks:		
		1
		1
		1

US Army Corps of Engineers

Northcentral and Northeast Region - Version 2.0

		Dominant —Species?		Sampling Point: Wetland A
Tree Stratum (Plot size: 30	Absolut % Cove	Rei.Strat.	Indicator Status	
1 . Acer rubrum		78.9%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: 9 (A)
2. Quercus alba	40	10.5%	FACU	Section September 40 (Sec. 40
3. Ulmus americana	10	10.5%	FACW	Total Number of Dominant Species Across All Strata: 10 (B)
4		0.0%		Species Across Air Strata
5		0.0%		Percent of dominant Species
6		0.0%		That Are OBL, FACW, or FAC: 90.0% (A/B)
7		0.0%		Prevalence Index worksheet:
Sapling/Shrub Stratum (Plot size: 10 )	95	= Total Cover		Total % Cover of: Multiply by:
4 1/21	40	27.00/		OBL species <u>6</u> x 1 = <u>6</u>
1. Viburnum lentago		37.0%	FAC	FACW species <u>20</u> x 2 = <u>40</u>
2. Acer rubrum		18.5%	FAC	FAC species $107 \times 3 = 321$
3. Smllax rotundifolia 4. Viburnum dentatum		10.370	FAC	FACU species
		10.576	FAC	UPL species $0 \times 5 = 0$
5. Rosa multiflora	-	3.7%	FACU	Column Totals: 150 (A) 435 (B)
6. Berberis thunbergii		3.7%	FACU	130
7				Prevalence Index = B/A = 2.900
Herb Stratum (Plot size: 5 )	27	= Total Cover		Hydrophytic Vegetation Indicators:
1 Onoclea sensibilis	5	27 896	FACW	Rapid Test for Hydrophytic Vegetation
O Cinna latticità	_	27.070	FACW	✓ Dominance Test is > 50%
	-	27.070	OBL	✓ Prevalence Index is ≤3.0 ¹
3. Glyceria striata 4. Microstegium vimineum		27.070	FAC	☐ Morphological Adaptations <sup>1</sup> (Provide supporting
- R		5.6%	FAC	data in Remarks or on a separate sheet)
Cartellavia Interiffera	-	5.6%	OBL	☐ Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
		5.6%		<sup>1</sup> Indicators of hydric soil and wetland hydrology must
7		0.0%		be present, unless disturbed or problematic.
)		0.0%		Definitions of Vegetation Strata:
		0.0%		
)		0.0%		Tree - Woody plants, 3 in. (7.6 cm) or more in diameter
		0.0%		at breast height (DBH), regardless of height.
2		□ 0.0% .		Sapling/shrub - Woody plants less than 3 in. DBH and

Remarks: (Include photo numbers here or on a separate sheet.)

2. Toxicodendron radicans

Woody Vine Stratum (Plot size: 5 ) 18 = Total Cover

1. Parthenocissus quinquefolia 5 € 50.0%

2. Toxicodendron radicase

\_\_5\_\_

\_\_0\_

\_\_\_0

50.0% FAC

height.

Hydrophytic Vegetation

Present?

0.0%

0.0%

\_\_\_\_\_10\_\_ = Total Cover

Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1m) tall..

Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vine - All woody vines greater than 3.28 ft in

Yes 

No

-			
•	•	1	г
- 201	21		

oil									Sampling P	oint: Wei	tland A
rofile Desc	ription: (De	scribe to	the depth	needed to	documer	nt the ind	licator or o	confirm the	e absence of indicators.)		
Depth		Matrix			Re	dox Feat			_		
(inches)	Color (	(moist)	%	Color	(moist)	%	Type 1	_Loc2	Texture	Re	emarks
0-8	10YR	3/1	100						Silt Loam		
8-16	10YR	4/2	95	2.5Y	5/2	5	RM	M	Silt Loam		
		,	-								
									F		
						-					
		_									
		-	-								
		-			***************************************						
		=Depletio	n. RM=Red	uced Matrix,	CS=Cover	ed or Coa	ted Sand G	rains <sup>2</sup> Loc	ation: PL=Pore Lining. M=	information of the second	
Hydric Soil I  Histosol (/				Poly	value Belov	w Surface	(S8) (LRR F	₹.	Indicators for Proble		
_	pedon (A2)			MLR	A 149B)			-	2 cm Muck (A10) (		
Black Histi						CONTRACTOR IN	(LRR R, MLF	-	Coast Prairie Redo		, 15 ti ti
And the second second second second	Sulfide (A4)			Loan	ny Mucky M	Mineral (F1	1) LRR K, L)	)	5 cm Mucky Peat o		5. US: 6 S
Stratified !	Layers (A5)			Loan	ny Gleyed	Matrix (F2	)		Dark Surface (S7)		
Depleted I	Below Dark S	Surface (A	11)		eted Matri				Polyvalue Below St		
_	Surface (A1	eroer		Redo	x Dark Su	rface (F6)			☐ Thin Dark Surface		
	ck Mineral (S	- 5		Deple	eted Dark	Surface (F	7)		Iron-Manganese M		
_	yed Matrix (S	. 9		Redo	x Depress	ions (F8)			Piedmont Floodpla		
Sandy Red	\$ #1	J-1)							Mesic Spodic (TA6)		A, 145, 149B)
Stripped M									Red Parent Materia		
¬		D MIDA	140P)						Very Shallow Dark		12)
Indicators of	nce (S7) (LRF		, , , , , , , , , , , , , ,	nd hydrology	must he	nresent II	nless distur	hed or prob	Other (Explain in R	emarks)	
strictive La		962	ii ana weas	na nyarology	must be	present, u	THESS GISCO	oca or prob	ienade		
Type:	., (										
Depth (inch	es):								Hydric Soil Present?	Yes	No O
emarks:		•									
					•						



Photo File: IMG\_4269.JPG

Orientation:

South -facing

Lat/Long or UTM: Long/Easting: -74.214

Lat/Northing: 41.522

Description:



Photo File: IMG\_4270.JPG

Orientation:

North -facing

Lat/Long or UTM: Long/Easting: -74.214

Lat/Northing: 41.522

Description:

# WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Sheffield Gardens (wf2)	City/County:	Montgomery, Orange	County Sampling	Date: 02-Aug-24
Applicant/Owner: Gerald Jacobowitz, Esq., MILR, LLC	c	State: NY	Sampling Point:	Wetland B
Investigator(s): Bruce Friedmann	Section, To	wnship, Range: S. 2	 29 т. 1	R. *NOTE
Landform (hillslope, terrace, etc.): Lowland		ncave, convex, none		Slope: 0.0 % / 0.0
Subregion (LRR or MLRA): LRR R	Lat.: 41.522	Long.:	-74.213	Datum: WGS 84
Soil Map Unit Name: Ca - Canandaigua - silt loan			NWI classification: P	FO1E
Are climatic/hydrologic conditions on the site typ	pical for this time of year? Yes	● No ○ (If	no, explain in Remarks.)	
Are Vegetation , Soil , or Hydrolog	gy significantly disturbed?	, <del></del>	cumstances" present?	Yes   No
Are Vegetation , Soil , or Hydrolog	gy naturally problematic?	(If needed, expl	ain any answers in Rema	arks.)
Summary of Findings - Attach site	map showing sampling po	5 15 5	75	87
	No O			
	within	Sampled Area a Wetland? Yes	es 🏵 No 🔾	
Wetland Hydrology Present? Yes   Yes	No O			
Remarks: (Explain alternative procedures here	or in a separate report.)			
Hydrology				
Wetland Hydrology Indicators:		Sec	ondary Indicators (minimun	n of 2 required)
Primary Indicators (minimum of one required; ch	heck all that apply)		Surface Soil Cracks (B6)	
Surface Water (A1)	Water-Stained Leaves (B9)		Drainage Patterns (B10)	
✓ High Water Table (A2)	Aquatic Fauna (B13)	<b>✓</b>	Moss Trim Lines (B16)	
✓ Saturation (A3)	Marl Deposits (B15)	<b>∠</b>	Dry Season Water Table (C	2)
Water Marks (B1)	Hydrogen Sulfide Odor (C1)	닏	Crayfish Burrows (C8)	
Sediment Deposits (B2)	Oxidized Rhizospheres along Living F		Saturation Visible on Aerial	• , , ,
Drift deposits (B3)	Presence of Reduced Iron (C4)		Stunted or Stressed Plants	(D1)
Algal Mat or Crust (B4) Iron Deposits (B5)	Recent Iron Reduction in Tilled Soils	· ·	Geomorphic Position (D2)	
Inundation Visible on Aerial Imagery (B7)	Thin Muck Surface (C7)		Shallow Aquitard (D3) Microtopographic Relief (D4)	
Sparsely Vegetated Concave Surface (B8)	Other (Explain in Remarks)		FAC-neutral Test (D5)	"
,,,			THE HEALTH TEST (DS)	
Field Observations:				
Surface Water Present? Yes No   No	Depth (inches):			
Water Table Present? Yes  No  No	Depth (inches): 4	Wetland Hydrology	Present? Yes	No O
Saturation Present? Yes No No	Depth (inches):	wedana nyarology	y Present? Tes 😊	140 😊
Describe Recorded Data (stream gauge, monitoring	ng well, aerial photos, previous inspe	ections), if available:		N) (44
Remarks:				
Nemarks.				

VEGETATION - Use scientific names of plants	VEGETAT	ION - Use	scientific	names	of plants
---	---------	-----------	------------	-------	-----------

		Comina		Sampling Point: Wetland B
	Absolute	Species Rel.Stra		Dominance Test worksheet:
Tree Stratum (Plot size: 30	% Cover	- Cover	Status	
4				Number of Dominant Species
1		0.09	<u>~</u>	That are OBL, FACW, or FAC:(A)
2	0	0.09	<b>6</b>	Total Number of Dominant
3	0	0.09	6	Species Across All Strata: 0 (B)
4				Species Across Air Strata(B)
		0.09	<u> </u>	Percent of dominant Species
5		0.09	<u>6</u>	That Are OBL, FACW, or FAC: 0.0% (A/B)
6	0	0.0%	6	That Are Obl., FACW, of FAC.
7	0		6	Prevalence Index worksheet:
		0.07		
Sapling/Shrub Stratum (Plot size: 10	=	= Total Co	ver	Total % Cover of: Multiply by:
A			F4.0	OBL species 0 x 1 = 0
1. Viburnum lentago	_1_	50.09	%FAC	FACW species 2 x 2 = 4
2. Rosa multiflora	1	50.09	% FACU	The second state of the second
3	0	0.0%	_	FAC species $1 \times 3 = 3$
4			_	FACU species $\frac{1}{x}$ $x = 4$
		0.0%	<u> </u>	UPL species $\frac{0}{x}$ $5 = \frac{0}{x}$
5		0.0%	<u> </u>	
6	0	0.0%		Column Totals: 4 (A) 11 (B)
7	0	0.0%		Prevalence Index = B/A = 2.750
		-		Prevalence Index = B/A = 2.750
Herb Stratum (Plot size: 5	=	Total Co	ver	Hydrophytic Vegetation Indicators:
nerb Scaculii (		_		Rapid Test for Hydrophytic Vegetation
1 _ Impatiens capensis	_1_	50.0%	6 FACW	
2. Pilea pumila	1 [	50.0%	6 FACW	Dominance Test is > 50%
	0 [			✓ Prevalence Index is ≤3.0 ¹
3		0.0%		Morphological Adaptations <sup>1</sup> (Provide supporting
4		0.0%		data in Remarks or on a separate sheet)
5	_0_[	0.0%		Problematic Hydrophytic Vegetation 1 (Explain)
6	0	7		
7				<sup>1</sup> Indicators of hydric soil and wetland hydrology must
7	_0 [	0.0%		be present, unless disturbed or problematic.
8	_0	0.0%		
9	0	0.0%		Definitions of Vegetation Strata:
10	0 [			
10				Tree - Woody plants, 3 in. (7.6 cm) or more in diameter
11		0.0%		at breast height (DBH), regardless of height.
12	_0_	0.0%		Cooling/shorts Mandaglants Investigate 1
	2 _			Sapling/shrub - Woody plants less than 3 in. DBH and
Woody Vine Stratum (Plot size: 5 )	=	Total Cov	er	greater than 3.28 ft (1m) tall
	o [	··]		Herb - All herbaceous (non-woody) plants, regardless of
1				size, and woody plants less than 3.28 ft tall.
2	_ 0	0.0%		size, and woody plants less than 3.26 it tall.
3	_0	0.0%		Woody vine - All woody vines greater than 3.28 ft in
4.	0	0.0%	_	height.
	=	<b>Total Cov</b>	er	
			1	
			- 1	
			4	Underwhild
			l l	Hydrophytic Vegetation
			1	Present? Yes  No
			4	The state of the s
Remarks: (Include photo numbers here or on a separate shee	t.)			
				1
				ii .

Soil									Sampling F	oint: Wetl	and B		
Profile Descr	iption: (De	scribe to	the depth	needed to	documer	t the ind	icator or	confirm the	absence of indicators.)				
Depth		Matrix	Matrix Redox Features						-				
(inches)	Color (		%	Color (	moist)	%_	Type 1	Loc2	Texture	Ren	marks		
0-8	10YR	3/1	100						Silt Loam				
8-16	10YR	4/2			5/2	5	RM	<u>M</u>	Silt Loam				
							-						
											444 AND TO THE RESERVE OF THE RESERV		
											**************************************		
Type: C=Cond Hydric Soil I		=Depletio	n. RM=Red	uced Matrix, (	CS=Cover	ed or Coat	ted Sand G	rains <sup>2</sup> Loc	ration: PL=Pore Lining. M=		3		
Histosol (A						v Surface	(S8) (LRR I	٦,	Indicators for Probl  2 cm Muck (A10)				
Histic Epip					149B) Dark Surfa	ace (SQ) (	LRR R, MLI	2Δ 149R)	Coast Prairie Redo	54			
Black Histi				r - 1			.) LRR K, L		5 cm Mucky Peat				
_	Sulfide (A4) ayers (A5)				F - 100 - 150	Matrix (F2)		5	Dark Surface (S7)				
_	Below Dark S	urface (A:	11)	✓ Deple	ted Matri	(F3)			Polyvalue Below Surface (S8) (LRR K, L)  Thin Dark Surface (S9) (LRR K, L)				
	Surface (A1	eres a		Redox	Dark Su	face (F6)			Thin Dark Surface (S9) (LRR K, L)				
Sandy Muc	k Mineral (S	1)		Depleted Dark Surface (F7)  Depleted Dark Surface (F7)  Depleted Dark Surface (F7)  Depleted Dark Surface (F7)  Depleted Dark Surface (F7)									
Sandy Gley	yed Matrix (S	54)		☐ Redox	Depressi	ons (F8)			Piedmont Floodplain Soils (F19) (MLRA 149B)  Mesic Spodic (TA6) (MLRA 144A, 145, 149B)  Red Parent Material (F21)				
Sandy Red	ox (S5)												
Stripped M	atrix (S6)								Very Shallow Dark		2)		
	ce (S7) (LRR								Other (Explain in F				
<sup>3</sup> Indicators of	hydrophytic	vegetation	n and wetla	nd hydrology	must be	oresent, ui	nless distur	bed or prob	lematic				
Restrictive La	yer (if obse	erved):											
Type:	es):								Hydric Soil Present?	Yes	No O		
Remarks:													
cindiks.													



Photo File: IMG\_4271.JPG

Orientation:

North -facing

Lat/Long or UTM: Long/Easting: -74.213

Lat/Northing: 41.522

Description:



Photo File: IMG\_4272.JPG

Orientation:

North northwest -facing

Lat/Long or UTM: Long/Easting: -74.213

Lat/Northing: 41.522

Description:

Lavivorting. 41.322

# WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Sheffield Gardens (wf4)	City/County	: Montgomery, Orange Count	Sampling Date: 02-Aug-24
Applicant/Owner: Gerald Jacobowitz, Esq., MILR, LLC		State: NY	Sampling Point: Wetland C
Investigator(s): Bruce Friedmann	Section,	Township, Range: S. 29	T. 1 R. *NOTE
Landform (hillslope, terrace, etc.): Footslope		concave, convex, none):	oncave Slope: 5.0 % / 2.9
Subregion (LRR or MLRA): LRR R	Lat.: 41.525	Long.: -74.2	10 Datum: WGS 84
Soil Map Unit Name: ErB - Erie gravelly silt loam -	3 to 8 percent slopes	NW	I classification: PFO1E
Are climatic/hydrologic conditions on the site typic	cal for this time of year?	es   No   (If no, ex	xplain in Remarks.)
Are Vegetation , Soil , or Hydrology	_	Are "Normal Circumst	tances" present? Yes   No
Are Vegetation , Soil , or Hydrology	naturally problematic?	(If needed, explain a	ny answers in Remarks.)
Summary of Findings - Attach site n	nap showing sampling	point locations, trai	nsects, important features, et
,	00		
11,4114		ne Sampled Area nin a Wetland? Yes	No O
Wetland Hydrology Present? Yes   No	0		
Remarks: (Explain alternative procedures here of			
*NOTE: S/B/L 29-1-5.1, 5.2, 5.3, 5.4, and 5.5 (F	ive contiguous lots)		
<u> </u>			~
Hydrology	an tree trees to select	4	
Wetland Hydrology Indicators:		Secondar	v Indicators (minimum of 2 required)
Primary Indicators (minimum of one required; che	eck all that apply)	Surfa	ice Soil Cracks (B6)
Surface Water (A1)	Water-Stained Leaves (B9)	☐ Drain	age Patterns (B10)
✓ High Water Table (A2)	Aquatic Fauna (B13)	✓ Moss	Trim Lines (B16)
Saturation (A3)	Marl Deposits (B15)	Dry S	Season Water Table (C2)
Water Marks (B1)	Hydrogen Sulfide Odor (C1)	Crayf	ish Burrows (C8)
Sediment Deposits (B2)	Oxidized Rhizospheres along Livin		ation Visible on Aerial Imagery (C9)
Drift deposits (B3)	Presence of Reduced Iron (C4)		ed or Stressed Plants (D1)
Algai Mat or Crust (B4)	Recent Iron Reduction in Tilled Sc		norphic Position (D2)
Iron Deposits (B5)	Thin Muck Surface (C7)		ow Aquitard (D3)
Inundation Visible on Aerial Imagery (B7)	Other (Explain in Remarks)		topographic Relief (D4)
Sparsely Vegetated Concave Surface (B8)		✓ FAC-r	neutral Test (D5)
Field Observations:			
Surface Water Present? Yes No   No	Depth (inches):		
Water Table Present? Yes   No	Depth (inches): 4		sent? Yes  No
Saturation Present? (includes capillary fringe)  Yes  No	Depth (inches):	Wetland Hydrology Pre	sent? Yes   No
Describe Recorded Data (stream gauge, monitoring	g well, aerial photos, previous in	spections), if available:	
Jasa   1880	y , , F	-,//	
Remarks:			
			.

		Dominant Species?		Sar	npling Poin	t: Wetl	and C	
Tree Stratum (Plot size: 30 )	Absolute % Cover	-Species? Rel.Strat.	Indicator Status	Dominance Test				
1. Quercus palustris		<u>✓</u> 94.7%	FACW	Number of Domina That are OBL, FAC			2	(A)
2. Ulmus americana		5.3%	FACW	That are obe, The	in, or the.			(//)
3		0.0%		Total Number of D				(m)
4		0.0%	-	Species Across All	Strata:	88	3	(B)
5		0.0%		Percent of domin				
6		0.0%	_	That Are OBL, F	ACW, or FA	C:	66.7%	(A/B)
7		0.0%	-	Prevalence Index	worksheet	:		
Sapling/Shrub Stratum (Plot size: 10 )	05	Total Cove	r	Total % Co	over of:	Multiply	y by:	
1 Rosa multiflora	5 [	100.0%	FACIL	OBL species	0	x 1 =	0	
2		100.078	- TACO	FACW species	116	x 2 =	232	÷
3		0.0%		FAC species	6	x 3 =	18	
4		0.0%	. —	FACU species	6	x 4 =	24	Į.
5		0.0%		UPL species	0	x 5 =	0	
6		0.0%		Column Totals:	128	(A)	274	(B)
7		0.0%		Prevalence I	ndex = B/A	=	2.141	
Herb Stratum (Plot size: 5 )	5	Total Cover		Hydrophytic Vege	tation Indi	cators:		
l er luch	20 6	76.9%	EAGA!	Rapid Test fo	or Hydrophy	rtic Veget	tation	
. Cinna latifolia D. Microstegium vimineum		70.570	FACW	<b>✓</b> Dominance	Test is > 50	%		
		19.2%	FAC	✓ Prevalence 1	ndex is ≤3.	0 <sup>1</sup>		
	_	3.8%	FACW_	Morphologic	al Adaptatio	ons <sup>1</sup> (Pro	ovide supp	orting
1		0.0%		data in Rema			<del></del>	
5		0.0%		Problematic	Hydrophyti	c Vegetat	tion <sup>1</sup> (Exp	lain)
7		0.0%		1 Indicators of h	dric soil an	d wetlan	d hydrolog	ıv must
3		0.0%		be present, unles	s disturbed	or proble	ematic.	,
)		0.0%		Definitions of V	egetation	Strata:		
•		0.0%		Trop Mondy play	ta 0 in /7	C\		
•	0	0.0%		Tree - Woody plan at breast height (D	nts, 3 in. (7. DBH), regar	b cm) or dless of h	more in aii neiaht.	ameter
•		0.0%			V 3			
	20	Total Cover		Sapling/shrub - W greater than 3.28		less that	n 3 in. DBł	1 and
Voody Vine Stratum (Plot size: 5		TOTAL COVEL		greater than 5.20	it (1111) tail			
. Toxicodendron radicans	1	50.0%		Herb - All herbace				dless of
Parthenocissus quinquefolia	1 _	50.0%	FACU	size, and woody p	ants less th	an 3.28 1	ft tall.	
		0.0%		Woody vine - All w	oody vines	greater t	han 3.28 fi	t in
		0.0%		height.				
	= 1	Total Cover						
				Hydrophytic				
			1	Vegetation	es 💿 No	$\circ$		
			4.	Present? Yo	es 🙂 No			
marks: (Include photo numbers here or on a separate s	•			4			25121	

\*Indicator suffix = National status or professional decision assigned because Regional status not defined by FW

Soil Sampling Point: Wetland C Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) **Redox Features** Matrix Depth Loc2 (inches) Color (moist) % Color (moist) % Type 1 **Texture** Remarks 10YR 3/3 Gravelly slilt loam 9-18 2.5Y 5/2 90 10YR 5/6 10 RM M Channery silt loam 10YR +mottle 5/1 1 RM M <sup>1</sup> Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains <sup>2</sup> Location: PL=Pore Lining. M=Matrix **Hydric Soil Indicators:** Indicators for Problematic Hydric Soils: 3 Histosol (A1) Polyvalue Below Surface (S8) (LRR R, 2 cm Muck (A10) (LRR K, L, MLRA 149B) MLRA 149B) Histic Epipedon (A2) Coast Prairie Redox (A16) (LRR K, L, R) Thin Dark Surface (S9) (LRR R, MLRA 149B) Black Histic (A3) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Loamy Mucky Mineral (F1) LRR K, L) ☐ Hydrogen Sulfide (A4) Dark Surface (S7) (LRR K, L, M) Loamy Gleyed Matrix (F2) Stratified Layers (A5) Polyvalue Below Surface (S8) (LRR K, L) ✓ Depleted Matrix (F3) Depleted Below Dark Surface (A11) Thin Dark Surface (S9) (LRR K, L) Redox Dark Surface (F6) Thick Dark Surface (A12) Iron-Manganese Masses (F12) (LRR K, L, R) Depleted Dark Surface (F7) Sandy Muck Mineral (S1) Piedmont Floodplain Soils (F19) (MLRA 149B) Redox Depressions (F8) Sandy Gleyed Matrix (S4) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Redox (S5) Red Parent Material (F21) Stripped Matrix (S6) ☐ Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks) <sup>3</sup>Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: **Hydric Soil Present?** Yes 
No Depth (inches):\_ Remarks:



Photo File: IMG\_4287.JPG

Orientation:

North northeast -facing

Lat/Long or UTM: Long/Easting: -74.210

Lat/Northing: 41.525

Description:



Photo File: IMG\_4288.JPG

Orientation:

North northwest -facing

Lat/Long or UTM: Long/Easting: -74.210

Lat/Northing: 41.525

Description:

# WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Sheffield Gardens (wf3)	City/County: Montgomery, Orange County Sampling Date: 02-Aug-24
Applicant/Owner: Gerald Jacobowitz, Esq., MILR, LLC	State: NY Sampling Point: Wetland C
Investigator(s): Bruce Friedmann	Section, Township, Range: S. 29 T. 1 R. *NOTE
Landform (hillslope, terrace, etc.): Lowland	Local relief (concave, convex, none): concave Slope: 0.0 % / 0.0
	41.525 <b>Long.:</b> -74.209 <b>Datum:</b> WGS 84
Soil Map Unit Name: Ca - Canandaigua - silt loam	NWI classification: PEM1F
Are climatic/hydrologic conditions on the site typical for this time of y	(21 no) explain in remarks.)
Are Vegetation , Soil , or Hydrology significant	ly disturbed? Are "Normal Circumstances" present? Yes   No
Are Vegetation , Soil , or Hydrology naturally p	roblematic? (If needed, explain any answers in Remarks.)
	sampling point locations, transects, important features, et
Hydrophytic Vegetation Present? Yes  No	
Hydric Soil Present? Yes  No	Is the Sampled Area within a Wetland? Yes  No
Wetland Hydrology Present? Yes ⊚ No ○	
Remarks: (Explain alternative procedures here or in a separate repo	rt.)
*NOTE: S/B/L 29-1-5.1, 5.2, 5.3, 5.4, and 5.5 (Five contiguous lots)	
2 30 2 3 10 10 10 20 20 20 20 20 20 20 20 20 20 20 20 20	
Hydrology	
Wetland Hydrology Indicators:	Secondary Indicators (minimum of 2 required)
Primary Indicators (minimum of one required; check all that apply)	Surface Soil Cracks (B6)
✓ Surface Water (A1) Water-Stained Leav	<u> </u>
✓ High Water Table (A2) ✓ Aquatic Fauna (B13)	Service Chair County Co
Saturation (A3)  Marl Deposits (B15)	
Water Marks (B1) Hydrogen Sulfide O	
	res along Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift deposits (B3)  Presence of Reduce	
T D (DC)	ion in Tilled Soils (C6) Geomorphic Position (D2)
☐ Iron Deposits (B5) ☐ Thin Muck Surface (	
Inundation Visible on Aerial Imagery (B7)  Other (Explain in Re	·
Sparsely Vegetated Concave Surface (B8)	FAC-neutral Test (D5)
Field Observations:	
Surface Water Present? Yes  No  Depth (inches):	6
Water Table Present? Yes  No Depth (inches): _	
Saturation Present? Ves No Denth (inches):	Wetland Hydrology Present? Yes ♥ No U
(includes capillary fringe)	
Describe Recorded Data (stream gauge, monitoring well, aerial photos	, previous inspections), if available:
Remarks:	
TOTAL TOTAL	

US Army Corps of Engineers

Northcentral and Northeast Region - Version 2.0

VEGETATION - Use scientific names of pla	ints	Dominant —Species?		Sampling Point: Wetland C
Tree Stratum (Plot size: 30 )	Absolute % Cover	Rel.Strat.	Indicator Status	Dominance Test worksheet:
1. Acer rubrum	5	✓ 83.3%	FAC	Number of Dominant Species That are OBL, FACW, or FAC:3(A)
2. Ulmus americana	1_	16.7%	FACW	Total Number of Dominant
3	0_	0.0%		Species Across All Strata: 3 (B)
4	0	0.0%		Bound of devices Consider
5	0_	0.0%		Percent of dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)
6		0.0%		
7	0_	0.0%		Prevalence Index worksheet:
Sapling/Shrub Stratum (Plot size: 10	6;	= Total Cove	r	Total % Cover of: Multiply by:
1 Cornus amomum	10	<b>✓</b> 90.9%	FACW	OBL species <u>96</u> x 1 = <u>96</u>
2. Rosa multiflora	1	9.1%	FACU	FACW species $22 \times 2 = 44$
3.	0	0.0%		FAC species $6 \times 3 = 18$
4.	0	0.0%		FACU species $\frac{1}{x} \times 4 = \frac{4}{x}$
5.	0	0.0%		UPL species $\frac{0}{x}$ x 5 = $\frac{0}{x}$
6	0	0.0%		Column Totals: <u>125</u> (A) <u>162</u> (B)
7	0	0.0%		Prevalence Index = B/A = 1.296

O Maria amariana		П.		FACIAL	
2. Ulmus americana		П.	16.7%	FACW	Total Number of Dominant
3			0.0%		Species Across All Strata: 3 (B)
4	0	Ш	0.0%		State W TRANSPORT NO. 100 AND AND
5	0_		0.0%		Percent of dominant Species
6			0.0%		That Are OBL, FACW, or FAC: 100.0% (A/B)
7		$\Box$	0.0%	_	Prevalence Index worksheet:
·					
Sapling/Shrub Stratum (Plot size: 10	6	= To	tal Cove	r	Total % Cover of: Multiply by:
	10	~		FACW	OBL species <u>96</u> x 1 = <u>96</u>
		<u>_</u>	90.9%		FACW species <u>22</u> x 2 = <u>44</u>
2. Rosa multiflora	_1_	Ц-	9.1%	FACU	FAC species6 x 3 =18
3	0	Ц.	0.0%		FACU species $\frac{1}{x}$ $x$ $4$ = $\frac{4}{x}$
4	0_	Ш	0.0%		0
5	0_		0.0%		UPL species $\frac{0}{x}$ $5 = \frac{0}{x}$
6			0.0%		Column Totals: 125 (A) 162 (B)
7	0		0.0%		Prevalence Index = B/A = 1.296
Herb Stratum (Plot size: 5	11	= To	tal Cover		Hydrophytic Vegetation Indicators:
1 Typha latifolia	90	<b>V</b>	7.5000000000000	OBL	Rapid Test for Hydrophytic Vegetation
7.	100000000000000000000000000000000000000		83.3%		✓ Dominance Test is > 50%
2. Onoclea sensibilis	5	Η-	4.6%	FACW	✓ Prevalence Index is ≤3.0 ¹
3. Lythrum salicaria	5		4.6%	OBL	Morphological Adaptations <sup>1</sup> (Provide supporting
4. Impatiens capensis	5		4.6%	FACW	data in Remarks or on a separate sheet)
5. Phalaris arundinacea	_1_		0.9%	FACW	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
6. Boehmeria cylindrica	1		0.9%	OBL	
7. Solidago rugosa	1		0.9%	FAC	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
8		$\Box$			be present, unless disturbed or problematic.
		П-	0.0%		Definitions of Vegetation Strata:
9		Н-	0.0%		. 1883
10			0.0%		Tree - Woody plants, 3 in. (7.6 cm) or more in diameter
11	0		0.0%		at breast height (DBH), regardless of height.
12		Ш	0.0%		Sapling/shrub - Woody plants less than 3 in. DBH and
(T)	108	= Tot	al Cover	4	greater than 3.28 ft (1m) tall
Woody Vine Stratum (Plot size: 5					6
1	0		0.0%		Herb - All herbaceous (non-woody) plants, regardless of
2	0_		0.0%		size, and woody plants less than 3.28 ft tall.
3	_ 0_		0.0%		Woody vine - All woody vines greater than 3.28 ft in
4	0		0.0%		height.
	0				CONTROL OF THE PROPERTY OF THE
		= Tota	al Cover	1	
				- 1	
				1	
				1	Hydrophytic Vegetation
				- 1	Present? Yes  No
				ı	
			1031 - 14 - 3		
Remarks: (Include photo numbers here or on a separate she	et.)				

## Silt Loam    Silt Loam	Color (moist)   %   Color (moist)   %   Type   Loc2   Texture   Remarks	Color (moist)	Donth	ipuoni (Desi	cribe to	the depth	needed to	documen	t the indi	cator or o	onfirm the	absence of indicators.)		
8-16 10YR 4/2 95 2.5Y 5/2 5 RM M Silt Loam   ype: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains 2Location: PL=Pore Lining, M=Matrix ydric Soil Indicators:    Historia Soil Indicators:	Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains 2-Location: PL=Pore Lining, M=Matrix  Hydric Soil Indicators:    Histosol (A1)	O-8 10YR 3/1 100   Silt Loam    Silt Loam   Silt Loam    Indicators for Problematic Hydric Soils : 3    Indi	peptii		Matrix			Re	dox Featu	res		-		
### Silt Loam  ### Si	Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains 2Location: PL=Pore Lining. M=Matrix Hydric Soil Indicators: Indicators for Problematic Hydric Soils: 3	Speic C-Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains 2Location: PL=Pore Lining. M=Matrix		Color (m	noist)	%	Color	(moist)	_%	Type 1	Loc2	Texture	Re	marks
ype: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    ydric Soil Indicators:    Histosol (A1)	Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains 2Location: PL=Pore Lining. M=Matrix  Hydric Soil Indicators:    Histosol (A1)	Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains    **JLocation:** PL=Pore Lining. M=Matrix    **Indicators for Problematic Hydric Soils:**      Histosol (A1)	0-8	10YR	3/1	100					P	Silt Loam		
ydric Soil Indicators:    Histosol (A1)	Hydric Soil Indicators:  Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Muck Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Sandy Redox (S5) Dark Surface (S7) Care Muck (A10) (LRR K, L, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) Dark Surface (S7) (LRR K, L, R) Dark Surface (S7) (LRR K, L, R) Dark Surface (S7) (LRR K, L, M) Polyvalue Below Surface (S8) (LRR K, L) Dark Surface (S7) (LRR K, L, M) Polyvalue Below Surface (S8) (LRR K, L) Dark Surface (A12) Depleted Matrix (F3) Thin Dark Surface (A12) Depleted Dark Surface (F6) Iron-Manganese Masses (F12) (LRR K, L, R) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic	Nydric Soil Indicators:    Histosol (A1)	8-16	10YR	4/2	95	2.5Y	5/2	5	RM	M	Silt Loam		
ydric Soil Indicators:    Histosol (A1)	Indicators:    Histosol (A1)	Nydric Soil Indicators:    Histosol (A1)									-			
ydric Soil Indicators:    Histosol (A1)	Indicators:    Histosol (A1)	Nydric Soil Indicators:    Histosol (A1)												
ydric Soil Indicators:    Histosol (A1)	New York Coil Indicators:    Histosol (A1)	New Fig. 1. Indicators:    Histosol (A1)												
ydric Soil Indicators:    Histosol (A1)	Hydric Soil Indicators:  Histosol (A1)  Histic Epipedon (A2)  Black Histic (A3)  Hydrogen Sulfide (A4)  Stratified Layers (A5)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Muck Mineral (S1)  Sandy Gleyed Matrix (S4)  Sandy Redox (S5)  Sandy Redox (S5)  Dark Surface (S7)  Dark Surface (S7)  Redox Depressions (F8)  Indicators for Problematic Hydric Soils:  1 Indicators for Problematic Hydric Soils:  2 cm Muck (A10) (LRR K, L, MLRA 149B)  Coast Prairie Redox (A16) (LRR K, L, R)  D coast Prairie Redox (A16) (LR K, L, R)  D coast Prairie Redox (A16) (LR K, L, R)  D coast Prairie Redox (A16) (LR K, L, R)  D coast Prairie Redox (A16) (LR K, L, R)  D coast Prairie Redox (A16) (LR K, L, R)  D coast Prairie Redox (A16) (LR K, L, R)  D coast Prairie Redox (A16) (LR K, L, R)  D	Nydric Soil Indicators:    Histosol (A1)												
ydric Soil Indicators:    Histosol (A1)	Hydric Soil Indicators:  Histosol (A1)  Histic Epipedon (A2)  Black Histic (A3)  Hydrogen Sulfide (A4)  Stratified Layers (A5)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Muck Mineral (S1)  Sandy Gleyed Matrix (S4)  Sandy Redox (S5)  Sandy Redox (S5)  Dark Surface (S7)  Dark Surface (S7)  Redox Depressions (F8)  Indicators for Problematic Hydric Soils:  1 Indicators for Problematic Hydric Soils:  2 cm Muck (A10) (LRR K, L, MLRA 149B)  Coast Prairie Redox (A16) (LRR K, L, R)  D coast Prairie Redox (A16) (LR K, L, R)  D coast Prairie Redox (A16) (LR K, L, R)  D coast Prairie Redox (A16) (LR K, L, R)  D coast Prairie Redox (A16) (LR K, L, R)  D coast Prairie Redox (A16) (LR K, L, R)  D coast Prairie Redox (A16) (LR K, L, R)  D coast Prairie Redox (A16) (LR K, L, R)  D	Nydric Soil Indicators:    Histosol (A1)										-		
ydric Soil Indicators:    Histosol (A1)	Indicators:    Histosol (A1)	Nydric Soil Indicators:    Histosol (A1)									11000000			
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ydric Soil Indicators:    Histosol (A1)	Indicators:    Histosol (A1)	Nydric Soil Indicators:    Histosol (A1)												
ydric Soil Indicators:    Histosol (A1)	Indicators:    Histosol (A1)	Nydric Soil Indicators:    Histosol (A1)					pr-							
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ydric Soil Indicators:    Histosol (A1)	ydric Soil Indicators:    Histosol (A1)	ydric Soil Indicators:    Histosoi (A1)	vpe: C=Cond	centration. D=	Depletion	. RM=Redi	uced Matrix.	CS=Covere	ed or Coate	ed Sand G	rains <sup>2</sup> Loc	ation: PL=Pore Lining M=	Matrix	
Histosol (A1)  Polyvalue Below Surface (S8) (LRR R, MLRA 149B)  Histic Epipedon (A2)  Black Histic (A3)  Hydrogen Sulfide (A4)  Stratified Layers (A5)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Muck Mineral (S1)  Sandy Gleyed Matrix (S4)  Sandy Redox (S5)  Sandy Redox (S5)  Dark Surface (S7) (LRR K, L, R)  Redox Depressions (F8)  Redox Depressions (F8)  Mesic Spodic (TA6) (MLRA 149B)  Depleted Surface (TF12)  Redox Depresent, unless disturbed or problematic  Mistocol (A1)  Polyvalue Below Surface (S9) (LRR K, L, R)  Dark Surface (S7) (LRR K, L, M)  Dark Surface (S7) (LRR K, L, M)  Dark Surface (S8) (LRR K, L)  Thin Dark Surface (S9) (LRR K, L)  Thin Dark Surface (S9) (LRR K, L)  Iron-Manganese Masses (F12) (LRR K, L, R)  Sandy Muck Mineral (S1)  Sandy Redox (S5)  Red Parent Material (F21)  Very Shallow Dark Surface (TF12)  Other (Explain in Remarks)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Mistocol (A10) (LRR K, L, MLRA 149B)  Coast Prairie Redox (A16) (LRR K, L, R)  Dark Surface (S7) (LRR K, L, M)  Dark Surface (S7) (LRR K, L, M)  Polyvalue Below Surface (S8) (LRR K, L)  Dark Surface (S9) (LRR K, L)  Iron-Manganese Masses (F12) (LRR K, L, R)  Mesic Spodic (TA6) (MLRA 149B)  Mesic Spodic (TA6) (MLRA 144A, 145, 149B)  Dother (Explain in Remarks)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic	Histosol (A1)  Histocol (A2)  Histocol (A2)  Black Histic Epipedon (A2)  Thin Dark Surface (S9) (LRR R, MLRA 149B)  Stratified Layers (A5)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Muck Mineral (S1)  Sandy Gleyed Matrix (S4)  Sandy Redox (S5)  Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Sandy Redox (S5)  Dark Surface (S7) (LRR K, L, R)  Fedox Depressions (F8)  Redox Depressions (F8)  Redox Depressions (F8)  Redox Depressions (F8)  Redox Dark Surface (A12)  Dother (Explain in Remarks)  Mutdie Seil Reparet A Mack (A10) (LRR K, L, MLRA 149B)  Coast Prairie Redox (A16) (LRR K, L, R)  Dark Surface (S7) (LRR K, L, R)  Dark Surface (S7) (LRR K, L, M)  Dark Surface (S7) (LRR K, L, M)  Polyvalue Below Surface (S8) (LRR K, L)  Thin Dark Surface (S9) (LRR K, L)  Thin Dark Surface (S9) (LRR K, L)  Iron-Manganese Masses (F12) (LRR K, L, R)  Piedmont Floodplain Soils (F19) (MLRA 149B)  Mesic Spodic (TA6) (MLRA 144A, 145, 149B)  Sandy Redox (S5)  Red Parent Material (F21)  Very Shallow Dark Surface (TF12)  Other (Explain in Remarks)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Strictive Layer (if observed):  Type:  Type:	Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B)  Histic Epipedon (A2) MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R)  Black Histic (A3) Thin Dark Surface (S9) (LRR R, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R)  Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) LRR K, L) Dark Surface (S7) (LRR K, L, R)  Stratified Layers (A5) Depleted Below Dark Surface (A11) Polyvalue Below Surface (S8) (LRR K, L)  Thick Dark Surface (A12) Redox Dark Surface (F6) Thin Dark Surface (S9) (LRR K, L, R)  Sandy Muck Mineral (S1) Depleted Dark Surface (F7) Piedmont Floodplain Soils (F19) (MLRA 149B)  Sandy Gleyed Matrix (S4) Redox Depressions (F8) Redox Depressions (F8) Red Parent Material (F21)  Dark Surface (S7) (LRR R, MLRA 149B)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Type:  Depth (inches):  Hydric Soil Present? Yes No						30,01						3
Histic Epipedon (A2)  Black Histic (A3)  Hydrogen Sulfide (A4)  Stratified Layers (A5)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Muck Mineral (S1)  Sandy Gleyed Matrix (S4)  Sandy Redox (S5)  Dark Surface (S7)  Sandy Redox (S5)  Sandy Redox (S5)  Dark Surface (S7)  Sandy Redox (S5)  Dark Surface (S7)  Redox Depressions (F8)  MERA 149B)  Coast Prairie Redox (A16) (LRR K, L, R)  5 cm Mucky Peat or Peat (S3) (LRR K, L, R)  Dark Surface (S7) (LRR K, L, M)  Polyvalue Below Surface (S7) (LRR K, L)  Thin Dark Surface (S9) (LRR K, L)  Thin Dark Surface (S9) (LRR K, L)  Thin Dark Surface (S9) (LRR K, L)  Iron-Manganese Masses (F12) (LRR K, L, R)  Piedmont Floodplain Soils (F19) (MLRA 149B)  Sandy Redox (S5)  Red Parent Material (F21)  Very Shallow Dark Surface (TF12)  Other (Explain in Remarks)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Strictive Layer (if observed):  Type:  Type:  Hiddia Sail Broants (A16) (LRR K, L, R)  Coast Prairie Redox (A16) (LRR K, L, R)  Dark Surface (S7) (LRR K, L, R)  Dark Surface (S7) (LRR K, L, M)  Polyvalue Below Surface (S9) (LRR K, L)  Trinn Dark Surface (S9) (LRR K, L)  Trinn Dark Surface (S9) (LRR K, L)  Type:  T	Histic Epipedon (A2)  Black Histic (A3)  Hydrogen Sulfide (A4)  Stratified Layers (A5)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Muck Mineral (S1)  Sandy Gleyed Matrix (S4)  Sandy Redox (S5)  Sandy Redox (S5)  Dark Surface (S7)  Sandy Redox (S5)  Dark Surface (S7)  Sandy Redox (S5)  Dark Surface (S7)  Sandy Redox (S5)  Sandy Redox (S5)  Sandy Redox (S5)  Dark Surface (S7)  Redox Depressions (F8)  Mesic Spodic (TA6) (MLRA 1498)  Mesic Spodic (TA6) (MLRA 1494, 145, 1498)  Mesic Spodic (TA6) (MLRA 1494, 145, 1498)  Mesic Spodic (TA6) (MLRA 1498)	Histic Epipedon (A2)  Black Histic (A3)  Hydrogen Sulfide (A4)  Stratified Layers (A5)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Muck Mineral (S1)  Sandy Muck Mineral (S1)  Sandy Gleyed Matrix (S4)  Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7) (LRR K, L, R)  Redox Depressions (F8)  MRRA 149B)  Coast Prairie Redox (A16) (LRR K, L, R)  Followard Peat or Peat (S3) (LRR K, L, R)  Dark Surface (S7) (LRR K, L, M)  Dark Surface (S7) (LRR K, L, M)  Polyvalue Below Surface (S8) (LRR K, L)  Thin Dark Surface (S9) (LRR K, L)  Thin Dark Surface (S9) (LRR K, L)  Thin Dark Surface (S9) (LRR K, L)  Polyvalue Below Surface (S9) (LRR K, L)  Thin Dark Surface (S9) (LRR K, L)  Thin Dark Surface (S9) (LRR K, L)  Priedmont Floodplain Soils (F19) (MLRA 149B)  Mesic Spodic (TA6) (MLRA 144A, 145, 149B)  Red Parent Material (F21)  Very Shallow Dark Surface (TF12)  Other (Explain in Remarks)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Strictive Layer (if observed):  Type:  Depth (inches):  Hydric Soil Present? Yes No					Poly	value Relov	v Surface (	S8) (I RR E	1.			
Black Histic (A3)  Thin Dark Surface (S9) (LRR R, MLRA 149B)  Hydrogen Sulfide (A4)  Stratified Layers (A5)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Muck Mineral (S1)  Sandy Gleyed Matrix (S4)  Sandy Redox (S5)  Sandy Redox (S5)  Dark Surface (S7) (LRR K, L, R)  Piedmont Floodplain Soils (F19) (MLRA 149B)  Redox Depressions (F8)  Mesic Spodic (TA6) (MLRA 144A, 145, 149B)  Sardy Surface (S7) (LRR R, MLRA 149B)  Thin Dark Surface (S7)  Depleted Dark Surface (F7)  Piedmont Floodplain Soils (F19) (MLRA 149B)  Red Parent Material (F21)  Very Shallow Dark Surface (TF12)  Other (Explain in Remarks)  Type:  Type:	Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Muck Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Sandy Redox (S5) Sandy Redox (S5) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR K, L, M) Polyvalue Below Surface (S8) (LRR K, L) Thin Dark Surface (S9) Thin Dark Surface (S9) Dark Surface (S9) Thin Dark Surface (S9) Dark Surface (S9) Thin Dark Surface (S9)	Black Histic (A3)  Hydrogen Sulfide (A4)  Stratified Layers (A5)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Mucky Mineral (F1) LRR K, L)  Sandy Mucky Mineral (F2)  Depleted Dark Surface (F6)  Sandy Mucky Mineral (F3)  Sandy Redox (S5)  Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7) (LRR K, L, M)  Polyvalue Below Surface (S8) (LRR K, L)  Thin Dark Surface (S9) (LRR K, L)  Iron-Manganese Masses (F12) (LRR K, L, R)  Piedmont Floodplain Soils (F19) (MLRA 149B)  Sandy Redox (S5)  Red Parent Material (F21)  Very Shallow Dark Surface (TF12)  Other (Explain in Remarks)  Type:  Depth (inches):  Hydric Soil Present?  Yes No							V Sarrace (	JO) (LIKIK I	<b>'</b>	_ ` ` `		
Hydrogen Sulfide (A4)  Stratified Layers (A5)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Muck Mineral (S1)  Sandy Muck Mineral (S1)  Sandy Gleyed Matrix (S4)  Depleted Dark Surface (F6)  Sandy Gleyed Matrix (S4)  Sandy Redox Depressions (F8)  Mesic Spodic (TA6) (MLRA 144A, 145, 149B)  Stripped Matrix (S6)  Dark Surface (S7) (LRR K, L, M)  Dark Surface (S8) (LRR K, L)  Thin Dark Surface (S9)  Itnn-Manganese Masses (F12) (LRR K, L, R)  Piedmont Floodplain Soils (F19) (MLRA 149B)  Mesic Spodic (TA6) (MLRA 144A, 145, 149B)  Stripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Strictive Layer (if observed):  Type:	Hydrogen Sulfide (A4)  Stratified Layers (A5)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Muck Mineral (F1)  Sandy Muck Mineral (F2)  Depleted Dark Surface (F6)  Sandy Muck Mineral (S1)  Sandy Gleyed Matrix (F3)  Polyvalue Below Surface (S9) (LRR K, L)  Thin Dark Surface (S9) (LRR K, L)  Thin Dark Surface (S9) (LRR K, L)  Iron-Manganese Masses (F12) (LRR A, R)  Piedmont Floodplain Soils (F19) (MLRA 1498)  Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 1498)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Type:  Type:  Thin Dark Surface (S7) (LRR K, L, M)  Polyvalue Below Surface (S8) (LRR K, L)  Thin Dark Surface (S9) (LRR K, L)  Polyvalue Below Surface (S9) (LRR K, L)  Polyvalue Below Surface (S9) (LRR K, L)  Thin Dark Surface (S9) (LRR K, L)  Thin Dark Surface (S9) (LRR K, L)  Follows Surface (S9) (LRR K, L)  Polyvalue Below Surface (S9) (LRR K, L)  Thin Dark Surface (S9) (LRR K, L)  Follows Surface (S9) (LRR K, L)  Dark Surface (S9) (LRR K, L)  Follows Surface (S9) (LRR K, L)  Dark Surface (S9) (LRR K, L)  Follows Surface (S9) (LRR K, L)  Dark Surface (S9) (LRR K, L)  Follows Surface (S9) (LRR K, L)  Follows Surface (S9) (LRR K, L)  Dark Surface (S9) (LRR K, L)  Follows Surface (S9) (LRR K, L)  Follows Surface (S9) (LRR K, L)  Tohin Dark Surface (S9) (LRR K, L)  Follows Surface (S9) (LR K, L)  Follows Surface (S9) (LRR K, L)  Follows Surface (S9) (LR	Hydrogen Sulfide (A4)  Loamy Mucky Mineral (F1) LRR K, L)  Stratified Layers (A5)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Muck Mineral (S1)  Sandy Gleyed Matrix (S4)  Sandy Redox (S5)  Sandy Redox (S5)  Sandy Redox (S5)  Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7) (LRR K, L)  Polyvalue Below Surface (S8) (LRR K, L)  Thin Dark Surface (S9) (LRR K, L)  Thin Dark Surface (S9) (LRR K, L)  Iron-Manganese Masses (F12) (LRR K, L, R)  Piedmont Floodplain Soils (F19) (MLRA 149B)  Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  strictive Layer (if observed):  Type:  Depth (inches):  Type:  Depth (inches):  Type:  Depth (inches):					☐ Thin	Dark Surfa	ice (S9) (L	RR R, MLF	RA 149B)			
Stratified Layers (A5)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Muck Mineral (S1)  Sandy Gleyed Matrix (F3)  Redox Dark Surface (F6)  Sandy Gleyed Matrix (S4)  Sandy Redox (S5)  Sandy Redox (S5)  Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7) (LRR K, L, M)  Polyvalue Below Surface (S8) (LRR K, L)  Thin Dark Surface (S9) (LRR K, L)  Iron-Manganese Masses (F12) (LRR K, L, R)  Piedmont Floodplain Soils (F19) (MLRA 149B)  Mesic Spodic (TA6) (MLRA 144A, 145, 149B)  Stripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Strictive Layer (if observed):  Type:	Stratified Layers (A5)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Muck Mineral (S1)  Sandy Gleyed Matrix (F3)  Sandy Gleyed Matrix (F3)  Depleted Dark Surface (F6)  Sandy Gleyed Matrix (F3)  Thin Dark Surface (S9) (LRR K, L)  Iron-Manganese Masses (F12) (LRR K, L, R)  Peldmont Floodplain Soils (F19) (MLRA 1498)  Sandy Redox (S5)  Redox Depressions (F8)  Stripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 1498)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Strictive Layer (if observed):  Type:  Type:  Matria Sail Because (S7) (LRR R, MLRA 1498)  Dark Surface (S7) (LRR R, MLRA 1498)  Dark Surface (S7) (LRR R, MLRA 1498)  Depleted Matrix (F3)  Thin Dark Surface (S9) (LRR K, L)  Thin Dark Su	Stratified Layers (A5)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Muck Mineral (S1)  Sandy Gleyed Matrix (F3)  Sandy Gleyed Matrix (S4)  Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7) (LRR K, L)  Polyvalue Below Surface (S8) (LRR K, L)  Thin Dark Surface (S9) (LRR K, L)  Iron-Manganese Masses (F12) (LRR K, L, R)  Piedmont Floodplain Soils (F19) (MLRA 149B)  Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Stripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Other (Explain in Remarks)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  strictive Layer (if observed):  Type:  Depth (inches):  Hydric Soil Present? Yes No	7				Loan	ny Mucky M	lineral (F1)	LRR K, L)				
Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Muck Mineral (S1)  Sandy Gleyed Matrix (S4)  Sandy Redox (S5)  Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7)  Depleted Dark Surface (F6)  Redox Depressions (F8)  Mesic Spodic (TA6) (MLRA 149B)  Stripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Depleted Dark Surface (F7)  Redox Depressions (F8)  Redox Depressions (F8)  Redox Depressions (F8)  Depleted Matrix (S6)  Redox Depressions (F8)  Redox Depressions (F8)  Other (Explain in Remarks)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Strictive Layer (if observed):  Type:	Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Muck Mineral (S1)  Sandy Gleyed Matrix (S4)  Sandy Redox (S5)  Sandy Redox (S5)  Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Polyvalue Below Surface (S8) (LRR R, L)  Thin Dark Surface (S9) (LRR K, L)  Iron-Manganese Masses (F12) (LRR K, L, R)  Piedmont Floodplain Soils (F19) (MLRA 149B)  Mesic Spodic (TA6) (MLRA 144A, 145, 149B)  Red Parent Material (F21)  Very Shallow Dark Surface (TF12)  Other (Explain in Remarks)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Strictive Layer (if observed):  Type:	Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Muck Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Sandy Redox (S5) Sandy Redox (S5) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) Dark Surface (S7) (LRR R, MLRA 149B) Dark Surface (S7) (LRR R, MLRA 149B)  Dark Surface (S7) (LRR R, M	, , , , , , , , , , , , , , , , , , , ,	. 32			Loan	ny Gleyed M	Matrix (F2)					
Thick Dark Surface (A12)  Redox Dark Surface (F6)  Sandy Muck Mineral (S1)  Sandy Gleyed Matrix (S4)  Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7) (LRR K, L, R)  Stripped Matrix (S6)  Dark Surface (S7) (LRR K, L, R)  Mesic Spodic (TA6) (MLRA 149B)  Red Parent Material (F21)  Very Shallow Dark Surface (TF12)  Other (Explain in Remarks)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Strictive Layer (if observed):  Type:	Thick Dark Surface (A12)  Redox Dark Surface (F6)  Sandy Muck Mineral (S1)  Sandy Gleyed Matrix (S4)  Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7)  Dark Surface (F7)  Redox Depressions (F8)  Mesic Spodic (TA6) (MLRA 144A, 145, 149B)  Redox Depressions (F8)  Other (Explain in Remarks)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  strictive Layer (if observed):  Type:  Type:	Thick Dark Surface (A12) Redox Dark Surface (F6) Iron-Manganese Masses (F12) (LRR K, L, R)  Sandy Muck Mineral (S1) Depleted Dark Surface (F7) Piedmont Floodplain Soils (F19) (MLRA 149B)  Sandy Gleyed Matrix (S4) Redox Depressions (F8) Mesic Spodic (TA6) (MLRA 144A, 145, 149B)  Stripped Matrix (S6) Red Parent Material (F21)  Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Strictive Layer (if observed):  Type:  Depth (inches):  Hydric Soil Present? Yes No	1		rface (A1	1)	<b>✓</b> Depl	eted Matrix	(F3)					
Sandy Muck Mineral (S1)  Sandy Gleyed Matrix (S4)  Sandy Redox Depressions (F8)  Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Dark Surface (S7) (LRR R, MLRA 149B)  Dark Surface (S7) (LRR R, MLRA 149B)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Strictive Layer (if observed):  Type:  Mesic Spodic (TA6) (MLRA 149B)  Red Parent Material (F21)  Very Shallow Dark Surface (TF12)  Other (Explain in Remarks)	Sandy Muck Mineral (S1)  Sandy Gleyed Matrix (S4)  Sandy Redox Depressions (F8)  Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Strictive Layer (if observed):  Type:  Type:  Iron-Manganese Masses (F12) (LRR R, L, R)  Piedmont Floodplain Soils (F19) (MLRA 149B)  Mesic Spodic (TA6) (MLRA 144A, 145, 149B)  Red Parent Material (F21)  Very Shallow Dark Surface (TF12)  Other (Explain in Remarks)	Sandy Muck Mineral (S1) Depleted Dark Surface (F7) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Gleyed Matrix (S4) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Redox (S5) Red Parent Material (F21) Stripped Matrix (S6) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Strictive Layer (if observed): Type: Depth (inches):  Hydric Soil Present? Yes No	-			-)	Redo	x Dark Sur	face (F6)					
Sandy Gleyed Matrix (S4)  Sandy Redox (S5)  Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Strictive Layer (if observed):  Type:    Mesic Spodic (TA6) (MLRA 149B)   Red Parent Material (F21)   Very Shallow Dark Surface (TF12)   Other (Explain in Remarks)   Other (Explain in Remarks)	Sandy Gleyed Matrix (S4)  Sandy Redox Depressions (F8)  Mesic Spodic (TA6) (MLRA 144A, 145, 149B)  Red Parent Material (F21)  Very Shallow Dark Surface (TF12)  Dark Surface (S7) (LRR R, MLRA 149B)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Estrictive Layer (if observed):  Type:  Type:	Sandy Gleyed Matrix (54) Redox Depressions (F8) Mesic Spodic (TA6) (MLRA 1498) Sandy Redox (S5) Red Parent Material (F21) Stripped Matrix (S6) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 1498) Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Instrictive Layer (if observed): Type: Depth (inches): Depth	7	ACC - 10 (1940)	100		☐ Depl	eted Dark S	Surface (F7	)				98-12-110-12-12-12-12-12-12-12-12-12-12-12-12-12-
Sandy Redox (S5)  Red Parent Material (F21)  Dark Surface (S7) (LRR R, MLRA 1498)  Double Surface (S7) (LRR R, MLRA 1498)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Strictive Layer (if observed):  Type:  Hydria Sail Brownth Was (MLRA 1448, 145, 1498)	Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 1498)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Estrictive Layer (if observed):  Type:  Type:  Hesic Split (TA6) (MLRA 1444, 145, 1498)  Red Parent Material (F21)  Very Shallow Dark Surface (TF12)  Other (Explain in Remarks)  Type:  T	Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Instrictive Layer (if observed):  Type:  Depth (inches):  Depth (inches):  Hydric Soil Present? Yes No		11 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1			Redo	x Depressi	ons (F8)					
Stripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Strictive Layer (if observed):  Type:  Type:	Stripped Matrix (56)  Dark Surface (57) (LRR R, MLRA 149B)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  **Strictive Layer (if observed):  Type:  Ty	Stripped Matrix (56)  Dark Surface (57) (LRR R, MLRA 149B)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Instrictive Layer (if observed):  Type:  Depth (inches):  Hydric Soil Present? Yes No	-		,									A, 145, 149B)
Dark Surface (S7) (LRR R, MLRA 149B)  Other (Explain in Remarks)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Strictive Layer (if observed):  Type:  Type:	Dark Surface (S7) (LRR R, MLRA 149B)  Other (Explain in Remarks)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  estrictive Layer (if observed):  Type:	Dark Surface (S7) (LRR R, MLRA 149B)  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Instrictive Layer (if observed):  Type:  Depth (inches):  Type:  Depth (inches):  Type:  Depth (inches):  Type:  Depth (inches):  D	_									C=-7		
ndicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  strictive Layer (if observed):  Type:	Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  estrictive Layer (if observed):  Type:	Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Indicators of hydrophytic vegetation and hydrology must be present, unless disturbed or problematic  Indicators of hydrophytic vegetation and hydrology must be present, unless disturbed or problematic  Indicators of hydrophytic vegetation and hydrology must be present, unless disturbed or problematic			R, MLRA	149B)						The state of the s		12)
strictive Layer (if observed):  Type:	estrictive Layer (if observed):  Type:	Type: Hydric Soil Present? Yes No O	Dark Surfa			100000000000000000000000000000000000000	d budralası	, must be s		lana diatuul			emarks)	
Type:	Type:	Type:		huduanhutia ua		and wedar	ia riyarology	must be p	resent, un	iess disturi	bea or prob	lemauc		
Mardia Call Brossett V. O. N.	Muduia Cail Brasant?	Depth (inches): Yes  No  No		hydrophytic ve	egetation									
nydric soil Present? Yes No V	mydric Soil Present? Yes W NO	Dept. (march)	indicators of	Valley to	151500					1/8				
Depth (indies).	Depth (inches):	marks:	ndicators of	Valley to	151500							Undete Call Deservin	· (a)	
			Indicators of estrictive Lar Type: Depth (inches	yer (if obser	ved):							Hydric Soil Present?	Yes	No O
			Indicators of estrictive Lar Type: Depth (inches	yer (if obser	ved):							Hydric Soil Present?	Yes	No O
			Indicators of estrictive Lar Type: Depth (inches	yer (if obser	ved):							Hydric Soil Present?	Yes	No O
			Indicators of estrictive Lar Type: Depth (inches	yer (if obser	ved):	· · · · · · · · · · · · · · · · · · ·						Hydric Soil Present?	Yes	No O
			Indicators of estrictive Lar Type: Depth (inches	yer (if obser	ved):							Hydric Soil Present?	Yes	No O
			indicators of strictive La Type: Depth (inche	yer (if obser	ved):							Hydric Soil Present?	Yes	No O
			Indicators of estrictive Lar Type: Depth (inches	yer (if obser	ved):							Hydric Soil Present?	Yes	No O
			Indicators of estrictive Lar Type: Depth (inches	yer (if obser	ved):							Hydric Soil Present?	Yes	No O
			Indicators of estrictive La Type: Depth (inch	yer (if obser	ved):							Hydric Soil Present?	Yes	No O
			Indicators of estrictive La Type: Depth (inch	yer (if obser	ved):							Hydric Soil Present?	Yes	No O
			Indicators of estrictive La Type: Depth (inch	yer (if obser	ved):							Hydric Soil Present?	Yes ●	No O
			Indicators of estrictive La	yer (if obser	ved):							Hydric Soil Present?	Yes	No O
			Indicators of estrictive La Type: Depth (inch	yer (if obser	ved):							Hydric Soil Present?	Yes	No O
			Indicators of estrictive Lar Type: Depth (inches	yer (if obser	ved):							Hydric Soil Present?	Yes ●	No O
			Indicators of estrictive La Type: Depth (inch	yer (if obser	ved):							Hydric Soil Present?	Yes ●	No O



Photo File: IMG\_4285.JPG

Orientation:

North northeast -facing

Lat/Long or UTM: Long/Easting: -74.209

Lat/Northing: 41.525

Description:

08/03/2024 11 21

Photo File: IMG\_4286.JPG

Orientation:

North northwest -facing

Lat/Long or UTM: Long/Easting: -74.209

Lat/Northing: 41.525

Description:

# WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Sheffield Gardens (wf5)	City/County: Montgomery, Orange County Sampling Date: 02-Aug-24
Applicant/Owner: Gerald Jacobowitz, Esq., MILR, LLC	State: NY Sampling Point: Wetland D
Investigator(s): Bruce Friedmann	Section, Township, Range: S. 29 T. 1 R. *NOTE
Landform (hillslope, terrace, etc.): Shoreline	Local relief (concave, convex, none): concave Slope: 0.0 % / 0.0
Subregion (LRR or MLRA): LRR R Lat.	: 41.522 Long.: -74.210 Datum: WGS 84
Soil Map Unit Name: Ca - Canandaigua - silt loam	NWI classification: PEM1Ed
Are climatic/hydrologic conditions on the site typical for this time of the Vegetation , Soil , or Hydrology signification signification , soil , or Hydrology signification significati	(a. no) explain in itematical
	Ale Holling of carries present.
	y problematic? (If needed, explain any answers in Remarks.)
	sampling point locations, transects, important features, et
	Is the Sampled Area
V ( N- (	within a Wetland?
Wetland Hydrology Present? Yes No Remarks: (Explain alternative procedures here or in a separate re	
Hydrology	
Wetland Hydrology Indicators:	Secondary Indicators (minimum of 2 required)
Primary Indicators (minimum of one required; check all that apply	
✓ Surface Water (A1) Water-Stained Le  ✓ High Water Table (A2) ✓ Aquatic Fauna (8	
✓ Saturation (A3) Marl Deposits (B	
☐ Water Marks (B1) ☐ Hydrogen Sulfide	
	heres along Living Roots (C3) Saturation Visible on Aerial Imagery (C9)
Drift deposits (B3)	<u> </u>
	uction in Tilled Soils (C6)
☐ Iron Deposits (B5) ☐ Thin Muck Surfact  ✓ Inundation Visible on Aerial Imagery (B7) ☐ Other (Evoluin in	
Sparsely Vegetated Concave Surface (B8)	Remarks)  FAC-neutral Test (D5)
Field Observations: Surface Water Present?  Yes  No  Depth (inches):	
10.00 000 000 000 000	Wetland Hydrology Present? Yes  No
Saturation Present? Yes No Depth (inches):	
Describe Recorded Data (stream gauge, monitoring well, aerial phot	tos, previous inspections), if available:
Remarks:	
remarks.	

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VEGETATION - Use scientific names of p		Dominant —Species?		Sampling Point: Wetland D
Tree Stratum (Plot size: 30 )	Absolute % Cover	Rel.Strat.	Indicator Status	TECHNOLOGIC SERVICE SESSIONES CONFIDENCIA
1. Quercus palustris			FACW	Number of Dominant Species That are OBL, FACW, or FAC: 5 (A)
2. Acer rubrum		25.0%	FAC	
3		0.0%		Total Number of Dominant Species Across All Strata: 5 (B)
4.		0.0%		Species Across Air Screen.
5	0	0.0%	-	Percent of dominant Species That Are ORL FACW, or FAC: 100.0% (A/B)
6		0.0%		That Are OBL, FACW, or FAC: 100.0% (A/B)
7		0.0%		Prevalence Index worksheet:
Sapling/Shrub Stratum (Plot size: 10 )	20	= Total Cove		Total % Cover of: Multiply by:
	5	F0 00%	EACIA	OBL species 104 x 1 = 104
1. Comus amomum 2. Viburnum lentago		30.076	FAC	FACW species <u>25</u> x 2 = <u>50</u>
		30.076	. TAC	FAC species $10 \times 3 = 30$
3 4		0.0%		FACU species $0 \times 4 = 0$
5		0.0%		UPL species $\frac{0}{x}$ $x = \frac{0}{x}$
6		0.0%		Column Totals: 139 (A) 184 (B)
7	0	0.0%		Prevalence Index = B/A = 1.324
	10	= Total Cover		Hydrophytic Vegetation Indicators:
Herb Stratum (Plot size: 5		- rotar cover		Rapid Test for Hydrophytic Vegetation
1 . Typha latifolia	90	82.6%	OBL	✓ Dominance Test is > 50%
2. Boehmeria cylindrica	5	4.6%	OBL	✓ Prevalence Index is ≤3.0 ¹
3. Impatiens capensis		4.6%	FACW	Morphological Adaptations <sup>1</sup> (Provide supporting
4. Persicaria punctata	5	4.6%	OBL	data in Remarks or on a separate sheet)
5. Lythrum salicaria	1_	0.9%	OBL	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
6. Symplocarpus foetidus		0.9%	OBL	1
7. Carex comosa	-	0.9%	OBL	<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
8. Penthorum sedoides		0.9%	OBL	Definitions of Vegetation Strata:
9		0.0%		Deminions of Vegetation Strata:
0		0.0%		Tree - Woody plants, 3 in. (7.6 cm) or more in diameter
1 2		0.0%		at breast height (DBH), regardless of height.

\_ 0 0.0% Woody vine - All woody vines greater than 3.28 ft in 0 height. 0.0% \_\_\_\_\_ = Total Cover Hydrophytic Vegetation Yes 

No Present? Remarks: (Include photo numbers here or on a separate sheet.)

0.0%

\_\_\_\_\_ = Total Cover

0

Woody Vine Stratum (Plot size: 5 )

1.\_\_\_\_\_

size, and woody plants less than 3.28 ft tall.

greater than 3.28 ft (1m) tall...

Sapling/shrub - Woody plants less than 3 in. DBH and

Herb - All herbaceous (non-woody) plants, regardless of

Profile Description: (Describe to the depth meeded to document the indicator or confirm the absence of indicators.)    Depth	Soil									Sampling Poir	nt: Wetlar	nd D
Tinches   Color (moist)   96	Profile Descr	iption: (De	scribe to	the depth	needed to	documer	t the ind	dicator or o	onfirm th			
Color (moist)   %   Color (moist)   %   Tyree.   Loc2   Texture   Remarks	Depth		Matrix			Re	dox Feat			_		
**B-16		Color (	moist)	%	Color	moist)	%	Type 1	Loc2	Texture	Rema	ırks
1 Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains   1 Location: PL=Pore Lining. M=Matrix    Hydric Soil Indicators:	0-8	10YR	3/1	100						Silt Loam		***
Hydric Soil Indicators:    Histosol (A1)	8-16	10YR	4/2	95	2.5Y	5/2	5	RM	М	Silt Loam		
Hydric Soil Indicators:    Histosol (A1)												
Hydric Soil Indicators:    Histosol (A1)							-					
Hydric Soil Indicators:    Histosol (A1)							-					
Hydric Soil Indicators:    Histosol (A1)												
Hydric Soil Indicators:    Histosol (A1)												
Hydric Soil Indicators:    Histosol (A1)											1000	
Hydric Soil Indicators:    Histosol (A1)												
Hydric Soil Indicators:    Histosol (A1)												
Hydric Soil Indicators:    Histosol (A1)												
Hydric Soil Indicators:    Histosol (A1)	1									000000000000000000000000000000000000000		
Histosol (A1) Polyvalue Below Surface (S8) (LRR R, MLRA 149B) 2 cm Muck (A10) (LRR K, L, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) Histic Epipedon (A2) Thin Dark Surface (S9) (LRR R, MLRA 149B) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) 7 cm Mucky Peat or Peat (S3) (LRR K, L, R) 7 cm Mucky Peat or Peat (S3) (LRR K, L, R) 7 cm Mucky Peat or Peat (S3) (LRR K, L, R) 7 cm Mucky Peat or Peat (S3) (LRR K, L, R) 7 cm Mucky Peat or Peat (S3) (LRR K, L, R) 7 cm Mucky Peat or Peat (S3) (LRR K, L, R) 7 cm Mucky Peat or Peat (S3) (LRR K, L, R) 8 cm Mucky Peat or Peat (S3) (LRR K, L, R) 9 cm Mucky Peat or Peat (S3) (LRR K, L) 9 cm Mucky Peat or Peat (S3) (LRR K, L) 9 cm Mucky Peat or Peat (S3) (LRR K, L) 9 cm Mucky Peat or Peat (S3) (LRR K, L) 9 cm Mucky Peat (S4) (LRR K, L) 9 cm Mucky Peat (		•	=Depletio	n. RM=Red	uced Matrix,	CS=Cover	ed or Coa	ited Sand G	rains <sup>2</sup> Lo		-	
Histic Epipedon (A2)  Histic Epipedon (A2)  Histic Epipedon (A2)  Thin Dark Surface (S9) (LRR R, MLRA 149B)  Coast Prairie Redox (A16) (LRR K, L, MLRA 149B)  Stratified Layers (A5)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Muck Mineral (S1)  Sandy Muck Mineral (S1)  Sandy Redox (S5)  Redox Depressions (F8)  Sandy Redox (S5)  Dark Surface (S7) (LRR K, L, MLRA 149B)  Sandy Redox (S5)  Redox Depressions (F8)  Mesic Spodic (TA6) (MLRA 144A, 145, 149B)  Thin Dark Surface (TF12)  Other (Explain in Remarks)  Type:  Depth (inches):  Depth (inches):  Hydric Soil Present? Yes  No					Polys	alue Belov	v Surface	/S8\ /I DD I	,	7		
Black Histic (A3)							v Surrace	(36) (LKK I	ς,			, 177.
Hydrogen Sulfide (A4)  Stratified Layers (A5)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Muck Mineral (S1)  Sandy Muck Mineral (S1)  Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7) (LRR K, L, M)  Mesic Spodic (TA6) (MLRA 149B)  Red Parent Material (F21)  Very Shallow Dark Surface (TF12)  Other (Explain in Remarks)  **Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  **Restrictive Layer (if observed):**  Type:  Depth (inches):  Hydric Soil Present? Yes ● No ○					Thin	Dark Surfa	ace (S9)	(LRR R, MLF	RA 149B)			
Stratified Layers (A5)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)  Sandy Muck Mineral (S1)  Sandy Redox (S5)  Sandy Redox (S5)  Sandy Redox (S5)  Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7) (LRR K, L)  Tron-Manganese Masses (F12) (LRR K, L, R)  Piedmont Floodplain Soils (F19) (MLRA 149B)  Mesic Spodic (TA6) (MLRA 144A, 145, 149B)  Redox Depressions (F8)  Redox Depressions (F8)  Redox Depressions (F8)  Type:  Depth (inches):  Hydric Soil Present? Yes  No					Loam	y Mucky N	lineral (F:	1) LRR K, L)	ı			R K, L, R)
Depleted Below Dark Surface (A11)  Depleted Below Dark Surface (A12)  Thick Dark Surface (A12)  Sandy Muck Mineral (S1)  Sandy Gleyed Matrix (S4)  Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Restrictive Layer (if observed):  Type:  Depth (inches):  Depth (inches):  Depth (inches):  Type:  Depth (inches):  Depth (inches):  Type:  Depth (inch					Loam	y Gleyed I	Matrix (F2	2)			_	
Thick Dark Surface (A12) Redox Dark Surface (F6) Iron-Manganese Masses (F12) (LRR K, L, R)  Sandy Muck Mineral (S1) Depleted Dark Surface (F7) Piedmont Floodplain Soils (F19) (MLRA 149B)  Sandy Gleyed Matrix (S4) Mesic Spodic (TA6) (MLRA 144A, 145, 149B)  Sandy Redox (S5) Red Parent Material (F21)  Very Shallow Dark Surface (TF12)  Dark Surface (S7) (LRR R, MLRA 149B)  3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Restrictive Layer (if observed):  Type:  Depth (inches):  Hydric Soil Present? Yes No			urface (A:	11)	<b>✓</b> Deple	eted Matrix	(F3)	.77				
Sandy Muck Mineral (S1)			3	.1)						Thin Dark Surface (S	) (LRR K, L)	
Sandy Gleyed Matrix (S4)  Sandy Redox (S5)  Stripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Restrictive Layer (if observed):  Type:  Depth (inches):  Hydric Soil Present? Yes  No			. 8							Iron-Manganese Mass	ses (F12) (LR	R K, L, R)
Mesic Spodic (TA6) (MLRA 144A, 145, 149B)   Red Parent Material (F21)   Very Shallow Dark Surface (TF12)   Other (Explain in Remarks)   Other (Explain in Remarks)   Type: Depth (inches):   Hydric Soil Present? Yes • No								.,		Piedmont Floodplain S	Soils (F19) (M	ILRA 149B)
Stripped Matrix (S6)  Dark Surface (S7) (LRR R, MLRA 149B)  3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Restrictive Layer (if observed):  Type:  Depth (inches):  Hydric Soil Present? Yes  No			(4)			к осрі свої	0113 (10)			Mesic Spodic (TA6) (N	1LRA 144A, 1	.45, 149B)
Dark Surface (S7) (LRR R, MLRA 149B)  3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Restrictive Layer (if observed):  Type:  Depth (inches):  Type:  Type:  Depth (inches):  Type:  Type:  Type:  Depth (inches):  Type:  Typ										Red Parent Material (	F21)	
3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic  Restrictive Layer (if observed):  Type:				ver agrant and						Very Shallow Dark Su	rface (TF12)	
Restrictive Layer (if observed):  Type:  Depth (inches):  Hydric Soil Present? Yes  No											narks)	
Type:	<sup>3</sup> Indicators of I	hydrophytic	vegetatior	and wetla	nd hydrology	must be p	oresent, u	ınless distur	bed or prob	blematic		
Depth (inches): Yes  No O		yer (if obse	rved):									
Depth (meres).		20):								Hydric Soil Present?	Yes 🍥 N	lo O
Remarks.		es):										
	Remarks:											
												1
												1
												1
												1



Photo File: IMG\_4274.JPG

Orientation:

North -facing

Lat/Long or UTM: Long/Easting: -74.210

Lat/Northing: 41.522

Description:



Photo File: IMG\_4273.JPG

Orientation:

North -facing

Lat/Long or UTM: Long/Easting: -74.210

Lat/Northing: 41.522

Description:

# WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Sheffield Gardens (wh	6)		City/County:	Montgomery, Or	ange County	Samplin	ng Date: 03-Aug-24
Applicant/Owner: Gerald Jacobowi	z, Esq., MILR,	LLC		State: N	IY	Sampling Poin	t: UPLAND
Investigator(s): Bruce Friedmann			Section, T	ownship, Range	: <b>s.</b> 29	т. 1	R. *NOTE
Landform (hillslope, terrace, etc.)	: Hillslope			oncave, convex,	p		Slope: 10.0 % / 5.7
Subregion (LRR or MLRA): LRR	R	Lat.:	41.524	Lor	ng.: -74.211	Ĺ	Datum: WGS 84
Soil Map Unit Name: PtC - Pittsfie	eld gravelly ic	oam, 8-15 perent slope	S		NWI	classification:	Upland
Are climatic/hydrologic condition	on the site	ypical for this time of	year? Ye	s 💿 No 🔾	(If no, exp	lain in Remark	s.)
Are Vegetation, Soil	, or Hydro		ly disturbed?	Are "Norma		nces" present?	Yes   No
Are Vegetation, Soil	, or Hydro	ology 🗌 naturally p	problematic?	(If needed.	explain any	answers in Re	marks.)
Summary of Findings - A	Attach sit	e map showing	sampling p	10 00 000			
Hydrophytic Vegetation Present?		No 💿					
Hydric Soil Present?	Yes O	No 💿		Sampled Area n a Wetland?	Yes O	No 💿	
Wetland Hydrology Present?	Yes O	No 💿					
Hydrology				1			N-1
Wetland Hydrology Indicators:		M80	XXXX		Secondary I	Indicators (minim	um of 2 required)
Primary Indicators (minimum of	one required:	check all that apply)	w			Soil Cracks (B6)	
Surface Water (A1)		☐ Water-Stained Lea	ves (B9)		Drainag	ge Patterns (B10)	
High Water Table (A2)		Aquatic Fauna (B1	3)		Moss Tr	rim Lines (B16)	
Saturation (A3)		Marl Deposits (B15	5		2000	son Water Table	(C2)
Water Marks (B1)		☐ Hydrogen Sulfide (				Burrows (C8)	100
Sediment Deposits (B2)  Drift deposits (B3)		Oxidized Rhizosphe		Roots (C3)		ion Visible on Aer	
Algal Mat or Crust (B4)		Presence of Reduc		- (CC)		l or Stressed Plan	
Iron Deposits (B5)		Recent Iron Reduc		s (C6)		rphic Position (D2 Aquitard (D3)	'
☐ Inundation Visible on Aerial Imag	ery (B7)	Other (Explain in R	• •			pographic Relief (	'D4)
Sparsely Vegetated Concave Surf		Otter (Explain in K	lemarks)			utral Test (D5)	
Field Observations:			- Jan		A1125		
Surface Water Present? Yes	O No ⊚	Depth (inches):					
Water Table Present? Yes	O No 💿	Depth (inches):		M. H		nt? Yes	No ⊚
Saturation Present? (includes capillary fringe)  Yes	O No ⊚	Depth (inches):		Wetland Hydi	rology Prese	nt? fes ∪	NO S
Describe Recorded Data (stream of	auge, monito	oring well, aerial photos	s, previous ins	pections), if avail	lable:		
• •			# 5 BER 17				
Dominica						2.00	
Remarks:							
		**					
							l l

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		Dominant —Species?		Sampling Point: <u>UPLAND</u>
ree Stratum (Plot size: 30 )	Absolute % Cover	Pel Strat	Indicator Status	
1. Quercus rubra		<b>✓</b> 44.0%	FACU	Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)
2. Acer saccharum	20	33.0%	FACU	
3. Acer rubrum		16.5%	FAC	Total Number of Dominant Species Across All Strata: 5 (B)
1. Carya glabra		5.5%	FACU	Species Actions All Strata.
. Fagus grandifolia		1.1%	FACU	Percent of dominant Species
5		0.0%	-	That Are OBL, FACW, or FAC: 20.0% (A/B)
7		0.0%		Prevalence Index worksheet:
	01	= Total Cove	. ————————————————————————————————————	Total % Cover of: Multiply by:
				OBL species 0 x 1 = 0
. Rhamnus cathartica		30.070	FAC	FACW species 1 x 2 = 2
		50.0%	FACU	FAC species 30 x 3 = 90
		0.0%		FACU species 164 x 4 = 656
	the state of the s	0.0%		UPL species $0 \times 5 = 0$
		0.0%		Column Totals: 195 (A) 748 (B)
		0.0%		Coronii rocars (Ar
		0.0%		Prevalence Index = B/A = 3.836
erb Stratum (Plot size: 5		: Total Cover		Hydrophytic Vegetation Indicators:
. Alliaria petiolata	75	<b>✓</b> 90.6%	FACU	Rapid Test for Hydrophytic Vegetation
Microstegium vimineum	10	00.078	FAC	☐ Dominance Test is > 50%
Galium aparine	5	10.8%	FACU	Prevalence Index is ≤3.0 <sup>1</sup>
11-1-11-1-1-1	[	5.4%	FACU	☐ Morphological Adaptations <sup>1</sup> (Provide supporting
. Pilea pumila		1.1%	FACW	data in Remarks or on a separate sheet)
		1.1%	FACU	Problematic Hydrophytic Vegetation 1 (Explain)
. Agerauna alussima		1.1%		<sup>1</sup> Indicators of hydric soil and wetland hydrology mus
		0.0%		be present, unless disturbed or problematic.
	_	0.0%		<b>Definitions of Vegetation Strata:</b>
•		0.0%		Troe Woody plants 2 in /7 6 am) or more in diameter
•		0.0%		Tree - Woody plants, 3 in. (7.6 cm) or more in diamete at breast height (DBH), regardless of height.
		0.0%		
		Total Cover		Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1m) tall
oody Vine Stratum (Plot size: 5		_,		grader than older ( ) tam
Parthenocissus quinquefolia		100.0%	FACU	Herb - All herbaceous (non-woody) plants, regardless of
·	0 _	0.0%		size, and woody plants less than 3.28 ft tall.
		0.0%		Woody vine - All woody vines greater than 3.28 ft in
		0.0%		height.
	1 =	<b>Total Cover</b>		
			- 1	Hydrophytic
			- 1	Vegetation

Remarks: (Include photo numbers here or on a separate sheet.)

-			
•	~	в	
-	u	н	

oil					Samplin	ng Point	t: <u>UPL</u>	.AND
Profile Desc	ription: (De	scribe to	the depth	needed to document the indicator or confirm t				
Depth		Matrix	1.000 (1.	Redox Features				
(inches)	Color (	(moist)	%	•	Texture		Re	marks
0-10	10YR	2/2	100		Gravelly loam	Ro	ck frag	ments common
10-16	10YR	5/4	100		Gravelly loam	Ro	ck frag	ments common
								Production and the second
				Property of the Control of the Contr		-		
					_			
					<del>-</del>			
		-						
					-	-		
				,				
					_			
		=Depletio	n. RM=Red	luced Matrix, CS=Covered or Coated Sand Grains <sup>2</sup> L				
Hydric Soil				Debaration Relative Conference (CO) (LDD D	Indicators for Pr	oblema	itic Hydr	ic Soils: 3
Histosol (	pedon (A2)			Polyvalue Below Surface (S8) (LRR R, MLRA 149B)	2 cm Muck (A:			
Black Hist				☐ Thin Dark Surface (S9) (LRR R, MLRA 149B)	Coast Prairie R			
	Sulfide (A4)			Loamy Mucky Mineral (F1) LRR K, L)	5 cm Mucky Pe			· · · · · · · · · · · · · · · · · · ·
_	Layers (A5)			Loamy Gleyed Matrix (F2)	Dark Surface (			-
_	Below Dark S	Surface (A	11)	Depleted Matrix (F3)	Polyvalue Belo			9 5 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C
_	k Surface (A1	157	****	Redox Dark Surface (F6)	☐ Thin Dark Surf	CONTRACTOR STATE		500050
	ick Mineral (S			Depleted Dark Surface (F7)	Iron-Manganes			
	yed Matrix (S			Redox Depressions (F8)	Piedmont Floo		55 55	
Sandy Re	dox (S5)				Red Parent Ma			(, 143, 1496)
Stripped N	Matrix (S6)				Very Shallow D			2)
_	ace (S7) (LRR	R R, MLRA	149B)		Other (Explain			2)
3 Indicators of	hvdrophytic	vegetatio	n and wetla	and hydrology must be present, unless disturbed or pre		III IXCIII	31 KG)	
700 mm m	2000	989		na , a saig , maar za p a a a a a a a a a a a a a a a a a				
testrictive La Type:	ayer (II obse	erveu):						
Depth (incl	nes).				Hydric Soil Present	t? Y	′es 🔾	No 💿
		-			1			
Remarks:								



Photo File: IMG\_4289.JPG

Orientation:

North -facing

Lat/Long or UTM: Long/Easting: -74.211

Lat/Northing: 41.524

Description:



Photo File: IMG\_4290.JPG

Orientation:

Northwest -facing

Lat/Long or UTM: Long/Easting: -74.211

Lat/Northing: 41.524

Description:

# PERMISSION TO INSPECT PROPERTY

By signing this permission form and submitting same to the Army Corp of Engineers ("ACOE"), the signer consents to inspection by ACOE staff of the extent of wetlands on the project site.

This consent allows ACOE staff to enter upon and pass through such property in order to inspect the project site, with or without prior notice, between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday. If ACOE staff should wish to conduct an inspection at any other times, ACOE staff will so notify the applicant and will obtain a separate consent for such an inspection.

By signing this consent form, the signer agrees that this consent remains in effect as long as the application for a Jurisdiction Determination of the wetlands is pending, and is effective regardless of whether the signer, applicant or an agent is present at the time of the inspection.

In the event that the project site or facility is posted with any form of "posted" or "keep out" notices this permission authorizes ACOE staff to disregard such notices at the time of inspection.

The signer further agrees that during an inspection, ACOE staff may, among other things, take measurements, may analyze physical characteristics of the site including, but not limited to, soils and vegetation (taking samples for analysis), and may make drawings and take photographs.

Failure to grant consent for an inspection is grounds for, and may result in, denial of the permit(s) sought by the application.

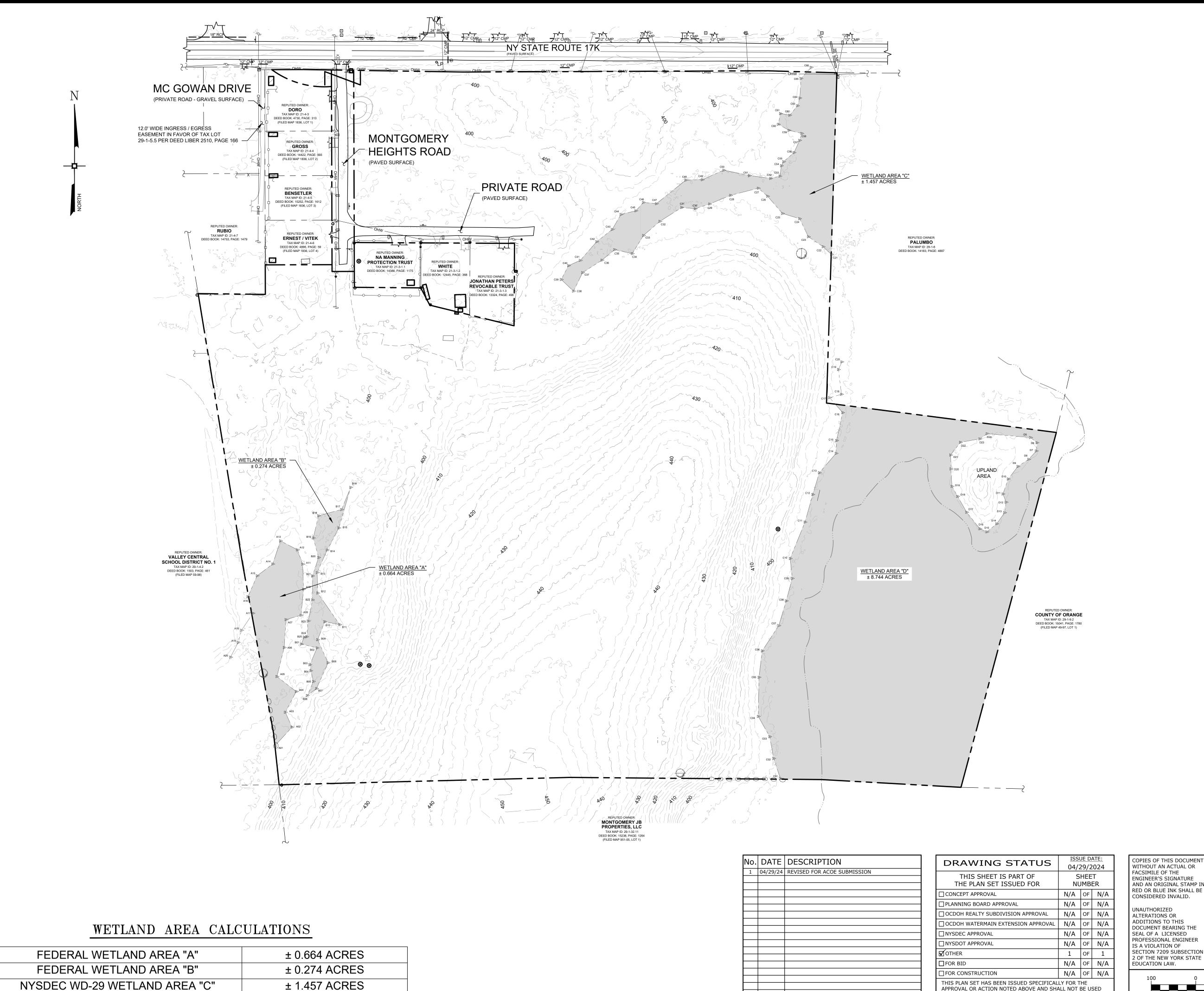
Permission is granted for inspection of property located at the following address(es) or parcel(s):

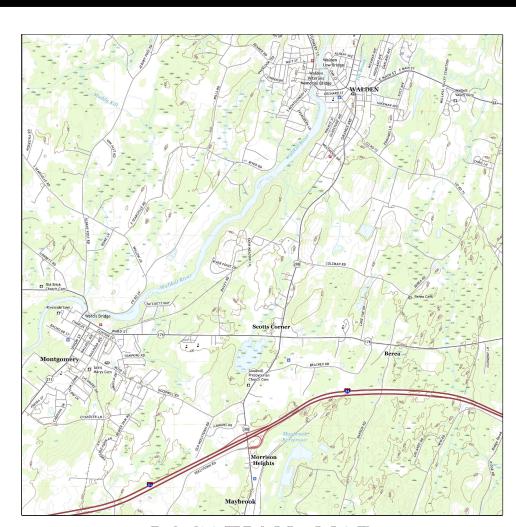
address(cs) or p	arou(s).	_
[	5 Parcels in Montgomery: 291-5.1 & 5.2 & 5.3 & 5.4 & 5.5	]
By signing th	is form, I affirm under penalty of perjury	that I am
authorized to g	ive consent to entry by ACOE staff as describ	ed above. 1
understand that	false statements made herein are punishable a	s a Class A
mideistand mar	Taise Statements interest and parties of the Denel Love #	
misdemeanor p	ursuant to Section 210.45 of the Penal Law.*	
Print Name and	Title:	
Г		1
	Mr. Gerald Jacobowitz, Esq.	
Signature and D	Date!	_

\*The signer of this form prust be an individual of authorized representative of a legal entity that:

owns fee title and is in possession of the property identified above;
 maintains possessory interest in the property through a lease, rental agreement or other legally binding agreement; or

<sup>•</sup> is provided permission to act or behalf of an individual or legal entity possessing fee title or other possessory interest in the property for the purpose of consenting to inspection of such property.





# LOCATION MAP

SCALE: 1" = 5,000'

# GENERAL NOTES

- 1. TAX MAP IDENTIFICATION NUMBER: SECTIONS 29 BLOCKS 1 LOT 5.5
- 2. TOTAL AREA OF SUBJECT PARCEL: 54.04± ACRES.
- 3. TOPOGRAPHY, BOUNDARY AND PLANIMETRIC INFORMATION BASED UPON FIELD SURVEY AS PERFORMED BY TECTONIC ENGINEERING
- CONSULTANTS, PC ON OCTOBER 3RD 2001. OWNER/APPLICANT: MILR, LLC
  - P.O. BOX 366 WALDEN, NEW YORK, 12586
- 5. WETLAND BOUNDARY DELINEATED BY ECOLOGICAL ANALYSIS, LLC ON NOVEMBER 20TH & 21ST, 2021 AND FEBRUARY 27TH, 2022.

# LEGEND

	PROPERTY LINE
	ADJOINING PROPERTY LINE
422	CONTOUR LINE
420	INDEX CONTOUR LINE
	EDGE OF ROAD
	CURB LINE
	STONEWALL
x x x x x	BARBED WIRE FENCE
——————————————————————————————————————	OVERHEAD WIRE
	REPUTED WATER COURSE
· ·	ACOE WETLAND LIMIT
	NYSDEC WETLAND LIMIT
	NYSDEC ADJACENT AREA LIMIT
========	DRAINAGE PIPE
$\mathcal{O}$	UTILITY POLE
<b>O</b> -	GUY ANCHOR
O IP	PIPE MARKER
	REBAR MARKER
	CONCRETE MONUMENT
СВ	CATCH BASIN
MBX	MAILBOX
<del></del> -	SIGN (TYPE NOTED)
A-9	WELAND FLAG

IS A VIOLATION OF SECTION 7209 SUBSECTION 2 OF THE NEW YORK STATE EDUCATION LAW. APPROVAL OR ACTION NOTED ABOVE AND SHALL NOT BE USED FOR ANY OTHER PURPOSE.

THIS SHEET SHALL BE CONSIDERED INVALID UNLESS
ACCOMPANIED BY ALL SHEETS OF THE DENOTED PLAN SET(S).



SHEFFIELD APARTMENTS ROUTE 17K TOWN OF MONTGOMERY ORANGE COUNTY, NEW YORK

\*\*MONTGOMERY OFFICE 71 CLINTON STREET MONTGOMERY, NY 12549

\*\*Ph: (845) 457-7727 WWW.EP-PC.COM

ACOE WETLANDS DELINEATION

E: 1" = 100' **WL-1** 1 - 04/29/2024 29-1-5.5

NYSDEC WD-29 WETLAND AREA "D"

± 8.744 ACRES