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The New Home of
Earth Dimensions, Inc.

September 25, 2025

Region 9 Bureau of Ecosystem Health
New York State Department of Environmental Conservation Region 9
700 Delaware Avenue
Buffalo, New York 14209

Jurisdictional Determination Request
LaBella No. 2254561; SBL 55.03-1-10
330 Maple Road, Town of Amherst, Erie County, New York

Region 9 Bureau of Ecosystem of Health,

On behalf of Arc Building Partners, LaBella Associates, is submitting the attached Request for Wetlands Determination, Verification or Delineation for the above referenced project site. The project site is located in the Town of Amherst, Erie County, New York. LaBella identified two (2) wetlands within the investigation area. We are requesting a jurisdictional determination from NYSDEC.

The Wetland Delineation Report is included in Appendix B.

Additional information required by the NYSDEC is included below in **bold**, followed by our response in *italics*.

• **Name and contact information of the property owner**
Town of Amherst
c/o Brian Kulpa
5583 Main Street
Williamsville, New York 14221
716-631-7032
Email: bkulpa@amherst.ny.us

• **Name and contact information of the consultant**
LaBella Associates
Alex Molik, Environmental Project Manager
300 Pearl Street, Suite 130
Buffalo, NY 14202
716-922-2397
Email: amolik@labellapc.com

• **Location of parcel(s), street address or nearest intersection, County, Town, and tax map identification numbers**
Parcel: 330 Maple Road, in the Town of Amherst, New York; SBL# 55.03-1-10

• **Summary report that describes all wetlands on the parcel or property, including those the consultant believes are regulated by Article 24 and those that may not be regulated:**

Wetland Identification #	Geographic Center (WGS84)		Boundary Flag #	Total Acreage On-site	Wetland Type (Cowardin)	Wetland Type (Reschke)	Opinion: NYSDEC Regulated or Not NYSDEC Regulated?
	Latitude	Longitude					
Wetland 1	42.9920019	-78.7768650	W1-1 through W1-37	3.34±	PEM	Shallow Emergent Marsh	Regulated
Wetland 2	42.9928812	-78.7722304	W2-1 through W2-8	0.07±	PEM	Shallow Emergent Marsh	Regulated

• **The report should also describe any nutrient poor wetlands and vernal pools productive for amphibian breeding where adjacent areas may be extended >100 feet pursuant to 6 NYCRR Part 664.79(a).**
No nutrient poor wetlands or vernal pools were identified within the investigation area.

• **Proposed classification of each Article 24 regulated wetland(s) located on the parcel(s), including a brief justification for the proposed class assigned to each wetland.**
Wetlands W1 and W2 are believed to be Class II NYSDEC Wetlands. This is based on the mapped Urban Area.

• **A wetland delineation report that includes a map showing all wetlands delineated within the property including a clear designation of those the consultant believes are Article 24 jurisdictional wetlands. The map must include flag numbers/codes for all delineation flags. Field data sheets must also be included. USACOE or other comparable data sheets are acceptable.**
Wetland Delineation Report is included as Appendix 1.

• **Shapefiles of all delineated wetland boundaries, the wetland survey area (for large parcels), and (if known) the limits of disturbance for the proposed project. All shapefiles must include delineation flag numbers/codes for all wetland boundary flags.**
Shapefiles Attached.

If you have any questions or require further information, please contact our office at (716) 922-2397 or email amolik@labellapc.com.1

Respectfully submitted,
LaBella Associates

Alex Molik
Environmental Project Manager

Encl: Appendix 1: Wetland Delineation Report
Appendix 2: Signed JD Request Form
Appendix 3: Shapefiles

716 Sports Fieldhouse Complex

Appendix A– Wetland Delineation Report

WETLAND AND STREAM DELINEATION REPORT

716 Sports Fieldhouse Complex
330 Maple Road, Amherst, NY 14221
LaBella Project No. 2254561

Prepared For:	Arc Building Partners 100 South Elmwood Ave. Suite 100 Buffalo, NY 14202 Frank Ciminelli (716) 517-5866 fciminelli@arcbldg.com
Prepared By:	LaBella Associates, D.P.C. 300 Pearl Street, Suite 130 Buffalo, New York 14202
Date:	September, 2025

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1.0 INTRODUCTION

1.1 PROJECT DESCRIPTION

Arc Building Partners (Client) retained LaBella Associates, D.P.C. (LaBella) to perform a wetland and stream delineation for a project site located at Maple Road in Amherst, NY. For the purpose of the wetland and stream delineation, the Study Area is defined as a 31.5-acre area consisting of one parcel. Please refer to Appendix A, Figure 1 for the Study Area location and boundary. The geographic coordinates of the approximate Study Area center are: 42.9925289, -78.7755599 (NAD83). Wetland and stream delineation field work was performed on September 3, 2025.

1.2 PURPOSE

This report was prepared for the purpose of obtaining concurrence from the United States Army Corps of Engineers (USACE)–Buffalo District and the New York State Department of Environmental Conservation (NYSDEC) on jurisdictional wetland and stream boundaries within the Study Area in support of the Project. Specific tasks performed for this report include a field delineation of aquatic resources within the Study Area, which may include Federal Waters of the United States (WOTUS) encompassing wetlands and streams, New York State Article 24 Freshwater Wetlands (State wetlands), and Article 15 State-classified Streams, a survey of wetland/stream boundaries, and a detailed description of the delineated waters based on hydrology, vegetation, and soils information collected in the field.

This report describes the results of the delineation and data collection efforts performed by LaBella, and a description of the wetlands and streams that were delineated. This document is intended to provide the information required to support a Jurisdictional Determination (JD) with the USACE–Buffalo District, a NYSDEC Article 24 Freshwater Wetlands JD, or a Joint Permit Application if regulatory permit authorizations are required.

2.0 METHODOLOGY

2.1 RESOURCES

Materials and literature supporting this investigation are derived from a number of sources, including: United States Geological Survey (USGS) 7.5-minute Topographic Quadrangles; United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Erie County, New York Soil Survey (USDA-NRCS, 1986); USDA-NRCS Soil Map Unit shapefiles; USDA-NRCS Field Indicators of Hydric Soils in the United States (USDA-NRCS, 2024); Munsell Soil Color Charts (Munsell, 2009); Federal Emergency Management Agency (FEMA) digital Flood Hazard data; United States Fish and Wildlife Service (USFWS) National Wetland Inventory (NWI) shapefiles; NYSDEC informational Freshwater Wetland shapefiles; NYSDEC Environmental Resource Mapper (NYSDEC, 2025); and NYSDEC Stream Classification shapefiles. Vascular plant names follow nomenclature found in the USDA PLANTS database (USDA, 2025). Wetland indicator status for vegetative species was determined by reference to the National Wetland Plant List (Lichvar et al., 2022). Jurisdictional features are characterized according to the NWI mapped wetlands and deepwater habitat classification system (Cowardin, 1979).

2.2 JURISDICTIONAL AREA DELINEATION

LaBella field staff performed the wetland and stream delineation within the Study Area on September 3, 2025, in accordance with the methods presented in the *1987 Corps of Engineers Wetland Delineation Manual* (Environmental Laboratory, 1987), as supplemented by the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region, Version 2.0* (USACE, 2012).

Wetland and stream boundaries were defined in the field with sequentially-numbered pink surveyor's flagging or pink pin flags. Each flag was digitally recorded using a sub-foot Global Positioning System unit. Data and observations were collected from both wetland and upland data points within the Study Area. These data points were recorded on routine USACE Wetland Determination Data Forms (Appendix B).

Representative photographs were taken of the data point locations, delineated wetlands, and streams within the Study Area (Appendix C).

The USACE has jurisdiction of WOTUS under section 404 of the Clean Water Act (CWA) (40 Code of Federal Regulations [CFR] 230 and 33 CFR 328) (CFR, 2023). The USACE also has jurisdiction over traditionally navigable WOTUS under Section 10 of the Rivers and Harbors Act (33 CFR 323; Section 10 Rivers and Harbors Act [33 United States Code] 403).

The Freshwater Wetlands Act (FWA) (Article 24 and Title 23 of Article 71 of the Environmental Conservation Law [ECL]) gives the NYSDEC jurisdiction over wetlands along with a 100-foot regulated Adjacent Area that meet certain criteria (6 NYCRR Part 664). NYSDEC freshwater wetland regulations changed on January 1, 2025, and include new criteria in which a wetland may come under the jurisdiction of NYSDEC. State regulated wetlands include all wetlands 12.4 acres in size or larger, or smaller wetlands if the wetland meets one of 11 criteria to be considered a wetland of unusual importance. Informational mapping that shows previously mapped NYSDEC wetlands and other potential wetland areas is provided by NYSDEC. Wetlands on any given site are required to have a Jurisdictional Determination review by NYSDEC to determine State jurisdiction under Article 24 of the FWA.

Under Article 15 of the ECL (Protection of Waters), the NYSDEC has jurisdiction over any activity that disturbs the bed or banks of protected streams or navigable waters. A protected stream is any stream, or particular portion of a stream, that has been assigned by the NYSDEC any of the following classifications or standards: AA, AA(t), A, A(t), A(ts), B, B(t), B(ts), C(t), or C(ts) (608.2 (aa) and NYCRR and 6 NYCRR Part 701). Additional NYSDEC stream classifications include C and D.

3.0 PHYSICAL CHARACTERISTICS AND RESOURCES

3.1 PHYSIOGRAPHY

The Project is located in the Ontario-Erie Plain and Finger Lakes Land Resource Region (LRR R), and the Lake State Fruit, Truck Crop, and Dairy Major Land Resource Area (MLRA 172) (USDA, 2022). The Study Area topography consists of relatively flat successional field with slight slopes leading to concave wetlands. Land cover within the Study Area consists of successional old field and recreational sports facilities to the east. The surrounding area is comprised of residential and commercially developed land. Elevations within the Study Area range from approximately 588 feet above mean sea level (AMSL) to approximately 594 feet AMSL.

3.2 SOILS

The Soil Survey of Erie County, New York and NRCS Web Soil Survey indicates there are two soil map units within the Study Area, as outlined in Table 1.

Table 1. Soil Map Units within the Study Area

NRCS Soil Map Unit	Map Unit Symbol	Drainage Class	Hydric Soil?	Hydric Rating (%)
Odessa silt loam, 0 to 3 percent slopes	Od	Somewhat poorly drained	Yes	5%
Schoharie silt loam, 0 to 3 percent slopes	SaA	Moderately well drained	No	0%

Source: USDA, NRCS, 1986; Soil Survey Staff, 2025

The Hydric Soil ratings outlined in Table 1 and the Web Soil Survey map provided in Appendix D indicate there is one soil map unit containing hydric components. The soil is considered somewhat poorly drained.

3.3 HYDROLOGY

The Study Area is located in the Niagara River watershed (USGS Hydrologic Unit Code 04270101).

The source of surface hydrology for the Study Area is runoff from precipitation. The Town of Amherst receives an average of 39 inches of precipitation annually (NRCC, 2020).

4.0 AGENCY RESOURCES

4.1 DESKTOP WETLAND RESOURCES

The NYSDEC freshwater wetland informational mapping indicates there are no previously mapped NYSDEC wetlands within the Study Area, and several additionally mapped informational wetlands (refer to Appendix A, Figure 2), as outlined in Table 2. In addition, the USFWS NWI has two mapped wetlands located within the Study Area

Table 2. Informational Mapped Wetlands within the Study Area

NWI Mapped Wetland?	Previously Mapped NYSDEC Wetlands?	Informational Mapped NYSDEC Wetland?	Delineated Wetland
Yes	No	No	Wetland 1
Yes	No	Yes	Wetland 2

4.2 NYSDEC PROTECTED STREAMS

According to NYSDEC stream classification mapping there are no State-classified streams within the Study Area (refer to Appendix A, Figure 2), as outlined in Table 3. The closest State-classified stream is approximately 2,000 feet east of the Study Area.

Table 3. NYSDEC Classified Streams within the Study Area

Stream Name	Stream Classification	Delineated Stream
N/A	N/A	N/A

4.3 FEMA 100-YEAR FLOOD ZONES

There are no FEMA 100-year Flood Zones within the Study Area. The nearest flood zone is approximately 2,000 feet east of the Study Area.

5.0 RESULTS

5.1 UPLANDS

The Study Area consists of upland successional old field. Dominate vegetative species include green ash (*Fraxinus pennsylvanica*) and common pear (*Pyrus communis*) in the tree stratum as well as alder buckthorn (*Frangula alnus*) in the shrub layer. Queen Anne's lace (*Daucus carota*) and birds-foot trefoil (*Lotus corniculatus*) were dominate species in the herb stratum with lesser amounts of common vetch (*Vicia sativa*) and hairy aster (*Symphyotrichum pilosum*). Data Forms, provided in Appendix B, summarize the observed conditions adequate to characterize the uplands within the Study Area.

5.2 WETLANDS

LaBella field staff delineated two palustrine emergent (PEM) wetlands within the Study Area (see Appendix A, Figure 4). Table 4 provides areas and classifications of the delineated wetlands.

Table 4. Delineated Wetlands

Wetland ID	Cowardin Classification	Acreage On-site	Latitude, Longitude (NAD83)
Wetland 1	PEM	3.34	42.9920019 -78.7768650
Wetland 2	PEM	0.07	42.9928812, -78.7722304

5.2.1 Wetland 1

Wetland 1 is a 3.34-acre palustrine emergent (PEM) wetland located within a shallow concave depression bordering the entire northeast and eastern section of the Study Area. At the time of the site visit, Wetland 2 appeared to have a hydrologic regime driven by mostly by surface water inputs from precipitation. Hydrology indicators observed include saturation to a depth of two inches and water-stained leaves. Inundation was also visible on aerial imagery.

The plant community of Wetland 2 is dominated by creeping bentgrass (*Agrostis stolonifera*) with lesser amounts of broom sedge (*Carex scoparia*) and common reed (*Phragmites australis*). Soils sampled within the wetland consisted of a clayey/loamy texture with a dark grayish brown (10YR 4/2) matrix for the first eight inches and brown (10YR 4/3) matrix for inches nine through twelve. All twenty inches of soil sampled consisted of yellowish brown (10YR 5/8) redox concentrations.

5.2.2 Wetland 2

Wetland 2 is a palustrine emergent (PEM) wetland located within a shallow concave depression within a field in the southwestern portion of the Study Area adjacent to the baseball fields. The wetland is 0.07 acres in size within the Study Area. At the time of the site visit, Wetland 1 appeared to have a hydrologic regime driven by mostly by surface water inputs from precipitation. Hydrology indicators observed include saturation to a depth of four inches and water-stained leaves. Saturation was also visible on aerial imagery.

The plant community of Wetland 1 is dominated by the shrub alder buckthorn (*Frangula alnus*) as well as soft rush (*Juncus effusus*), purple loosestrife (*Lythrum salicaria*), and creeping bentgrass (*Agrostis stolonifera*) in the herbaceous layer. The first twelve inches of soils sampled within the wetland consist of clayey loams with a darker grey (10YR 4/1) matrix. Inches twelve to twenty consisted of loamy/clayey textured soil with dark gray (10YR 4/1) matrix and yellowish brown (10YR 5/8) redoximorphic concentrations.

5.3 STREAMS

LaBella field staff delineated one ephemeral stream within the Study Area (see Appendix A, Figure 4). Table 5 provides areas and classifications of the delineated streams.

Table 5. Delineated Streams

Stream ID	Flow Regime	NYSDEC Class/ Regulation	Stream Length/Width in Study Area (lf)	Stream Bed Substrate	Latitude, Longitude (NAD83)
Ditch 1	Ephemeral	unclassified	285	Organic materials	42.9928233, -78.7742200

5.3.1 Stream 1

Ditch 1 is an unclassified swale/drainage ditch that flows north through the middle/northeastern part of the Study Area. The ditch is 285 linear feet long. The stream bed has a substate of organic materials.

6.0 CONCLUSIONS

LaBella delineated two palustrine emergent (PEM) wetlands within the Study Area. In addition, one ephemeral ditch was also delineated within the Study Area. The wetlands were delineated and identified based on observations of hydrology, hydric soils, and hydrophytic vegetation. The primary functions provided by the wetlands within this study area appear to be nutrient cycling, wildlife habitat, and water retention. It is of LaBella's professional opinion wetlands 1 and 2 are isolated and potentially non-jurisdictional and not regulated under Section 404 of the Clean Water Act due to lack of a connection to traditional navigable water.

NYSDEC regulations were revised effective January 1, 2025, and the wetlands within the Study Area may come under the jurisdiction of NYSDEC. Under the regulations, a NYSDEC JD is warranted and will be required to determine if any of the wetlands within the Study Area will be State regulated under Article 24. Any State regulated wetlands will have a 100-foot NYSDEC regulated Adjacent Area. A NYSDEC JD can be submitted to NYSDEC Central Office for review and a determination on State regulated wetland resources.

Any Project-related filling or disturbances within the delineated boundaries of onsite wetlands (as approved by the USACE and NYSDEC) will require Federal CWA Section 404 authorization through the USACE. In addition, such activities would also require a CWA Section 401 Water Quality Certification administered by the NYSDEC. Any disturbances to a NYSDEC regulated wetland or the associated 100-foot Adjacent Area, as determined through a NYSDEC JD review, will require authorization under Article 24. All jurisdictional boundaries are subject to verification by the USACE–Buffalo District and the NYSDEC under their respective jurisdictions.

7.0 SIGNATURE OF WETLAND PROFESSIONALS

We appreciate the opportunity to serve your professional environmental needs. If you have any questions, please do not hesitate to contact Alex Molik at 716-922-2397 or amolik@labellapc.com.

Report Prepared By:

Alex Molik
Environmental Project Manager

Report Prepared By:

Maddie Dworek
Environmental Analyst

8.0 REFERENCES

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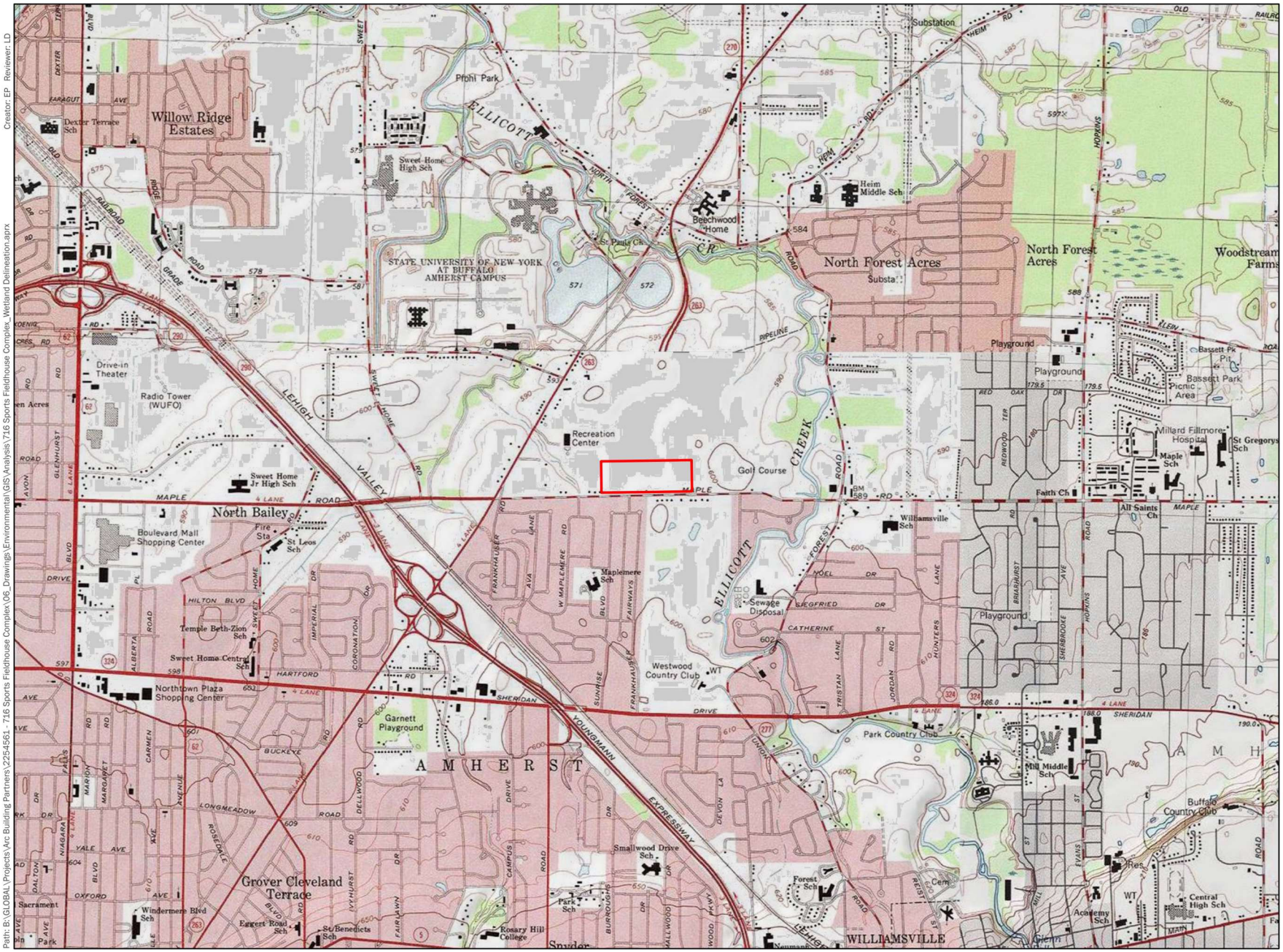
APPENDIX A

FIGURES



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Arc Building Partners

Wetland and Stream Delineation Report

716 Sports Complex, LLC
Maple Road
Amherst, NY

N

0 1,000 2,000 Feet

1 inch = 2,000 feet

Legend

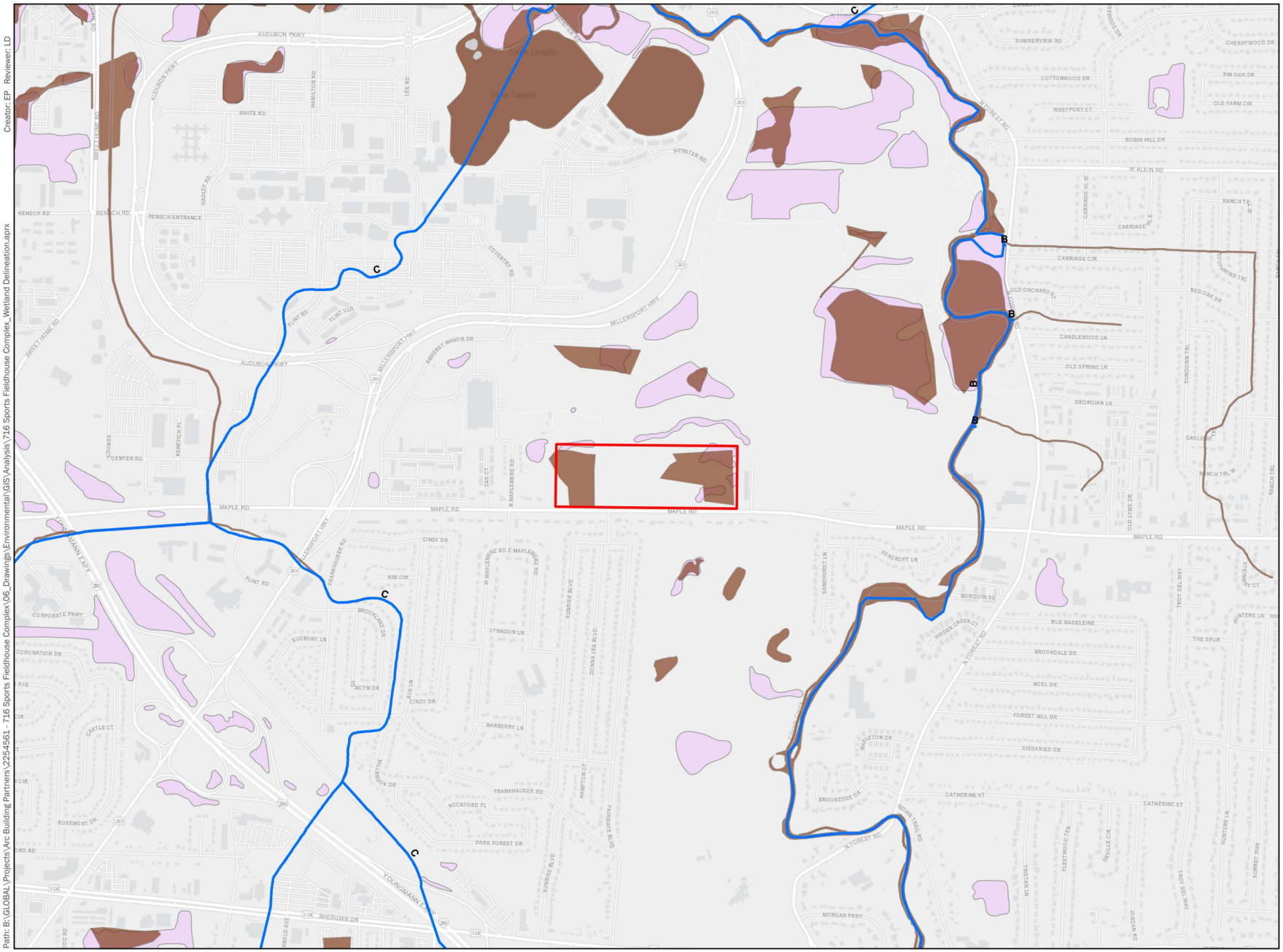
Study Area

Sources:
1. Study Area: Created by LaBella using information provided by the client.
2. Basemap: ESRI USA Topo Map (Updated: 2019) in reference to USGS Topographic Buffalo NE (1965), Tonawanda East (1980), Clarence Center (1980), and Lancaster (1982) Quadrangles.

USGS Site Location

FIGURE 1

LaBella Project No: 2253377
Date: 9/10/2025



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LaBella
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Arc Building Partners

Wetland and Stream Delineation Report

716 Sports Complex, LLC
Maple Road
Amherst, NY

N

0 500 1,000 Feet

1 inch = 1,000 feet

Legend

- Study Area
- NYSDEC-Classified Stream

Informational Mapped Wetlands

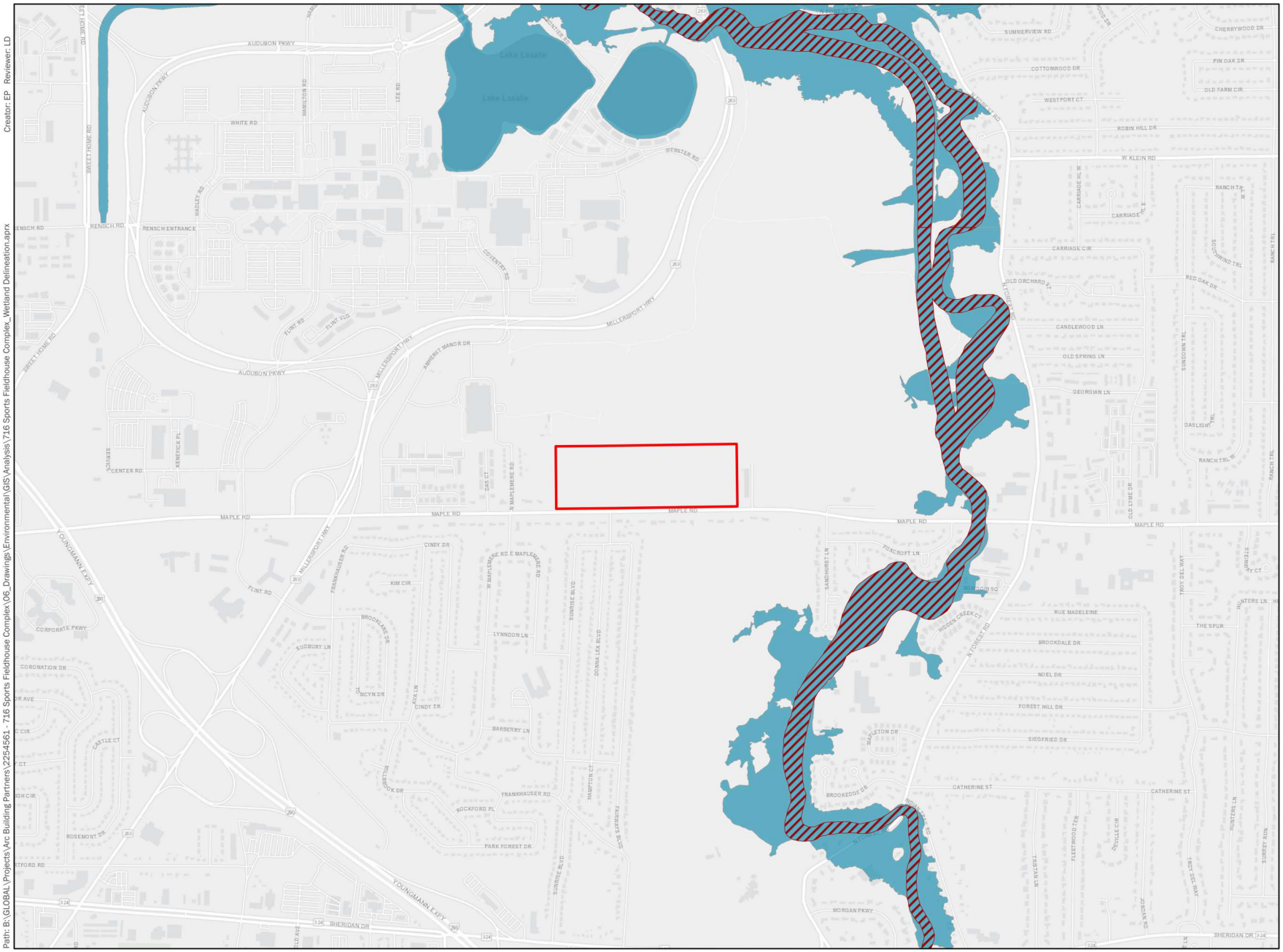
- Previously Mapped NYSDEC Wetland
- Informational NYSDEC Freshwater Wetland
- National Wetlands Inventory

Sources:
1. Study Area: Created by LaBella using information provided by the client.
2. Basemap: Esri, HERE, Garmin, GeoTechnologies, Inc., USGS, EPA, 2025

Mapped Wetland and Stream Resources

FIGURE 2

LaBella Project No: 2253377
Date: 9/10/2025



Creator: EP Reviewer: LD

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Arc Building Partners

Wetland and Stream Delineation Report

716 Sports Complex, LLC
Maple Road
Amherst, NY

N

0 500 1,000 Feet

1 inch = 1,000 feet

Legend

- Study Area
- FEMA Floodway
- 100-Year FEMA Flood Zone

Sources:
1. Study Area: Created by LaBella using information provided by the client.
2. Basemap: Esri, HERE, Garmin, GeoTechnologies, Inc., Intermap, USGS, EPA, 2025
3. FEMA Flood Zone: FIRM Panel 36029C0207H, 36029C0206H, 36029C0068H, and 36029C0069H, Effective Date: 6/7/2019.

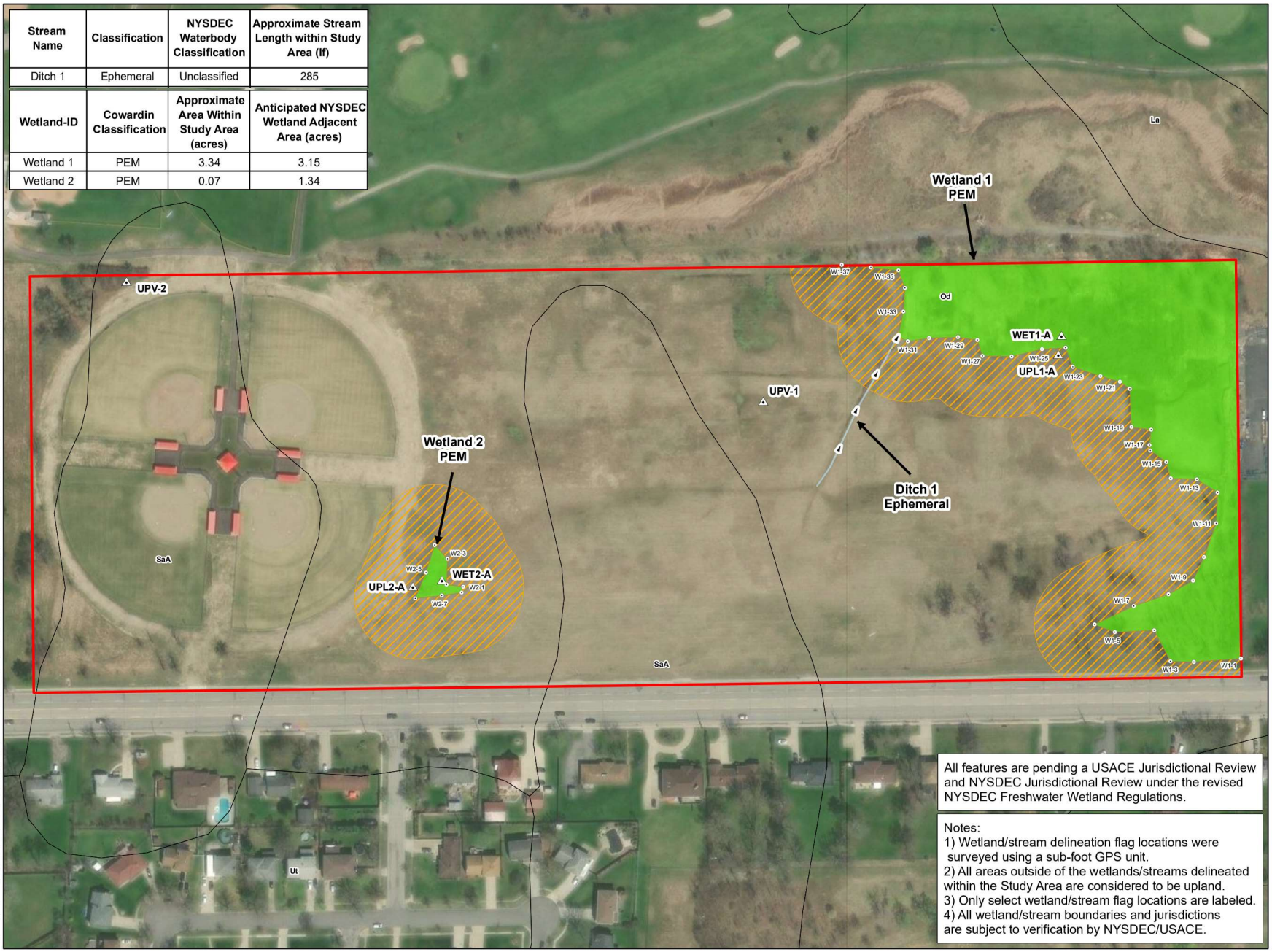
FEMA Flood Zones

FIGURE 3

LaBella Project No: 2253377
Date: 9/10/2025

Stream Name	Classification	NYSDEC Waterbody Classification	Approximate Stream Length within Study Area (lf)
Ditch 1	Ephemeral	Unclassified	285

Wetland-ID	Cowardin Classification	Approximate Area Within Study Area (acres)	Anticipated NYSDEC Wetland Adjacent Area (acres)
Wetland 1	PEM	3.34	3.15
Wetland 2	PEM	0.07	1.34



All features are pending a USACE Jurisdictional Review and NYSDEC Jurisdictional Review under the revised NYSDEC Freshwater Wetland Regulations.

Notes:
1) Wetland/stream delineation flag locations were surveyed using a sub-foot GPS unit.
2) All areas outside of the wetlands/streams delineated within the Study Area are considered to be upland.
3) Only select wetland/stream flag locations are labeled.
4) All wetland/stream boundaries and jurisdictions are subject to verification by NYSDEC/USACE.

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Arc Building Partners

Wetland and Stream Delineation Report

716 Sports Complex, LLC
Maple Road
Amherst, NY

N

0 75 150 Feet

1 inch = 150 feet

Legend

- Study Area
- Data Point Location
- Wetland/Stream Flag Location
- Emergent Wetland (PEM)
- Ephemeral Ditch
- Anticipated NYSDEC Wetland Adjacent Area
- Stream Flow Direction
- Road
- Soil

Sources:
1. Study Area: Created by LaBella using information provided by the client.
2. Basemap: Maxar, Microsoft, 2023
3. Mapped soils data were obtained from the NRCS online Soil Data (soildatamart.nrcs.usda.gov).

Wetland and Stream Delineation Survey

FIGURE 4

LaBella Project No: 2253377
Date: 9/11/2025

Creator: EP Reviewer: LD

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APPENDIX B

Data Forms

U.S. Army Corps of Engineers **WETLAND DETERMINATION DATA SHEET – Northcentral and Northeast Region** See ERDC/EL TR-12-1; the proponent agency is CECW-CO-R	*OMB Control #: 0710-0024, Exp: 9/30/2027* *Requirement Control Symbol EXEMPT:* *(Authority: AR 335-15, paragraph 5-2a)*

Project/Site: 716 Sports Fieldhouse Complex City/County: Amherst/Erie Sampling Date: 9/3/25

Applicant/Owner: Arc Building Partners State: NY Sampling Point: Wet 1-A

Investigator(s): Alex Molik & Jody Celeste Section, Township, Range: 55.03-1-10

Landform (hillside, terrace, etc.): Till Plain Local relief (concave, convex, none): Concave Slope %: 1

Subregion (LRR or MLRA): LRR L, MLRA 101 Lat: 42.993111 Long: -78.772997 Datum: NAD83

Soil Map Unit Name: Odessa silt loam, 0-3% NWI classification: PEM

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks.)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ____	**Is the Sampled Area**
Hydric Soil Present?	Yes X	No ____	**within a Wetland?** **Yes** X **No** ____
Wetland Hydrology Present?	Yes X	No ____	If yes, optional Wetland Site ID: ____

Remarks: (Explain alternative procedures here or in a separate report.)
W1-1 through W1-37

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

___ Surface Water (A1)	X Water-Stained Leaves (B9)	___ Surface Soil Cracks (B6)
___ High Water Table (A2)	___ Aquatic Fauna (B13)	___ Drainage Patterns (B10)
X Saturation (A3)	___ Marl Deposits (B15)	___ Moss Trim Lines (B16)
___ Water Marks (B1)	___ Hydrogen Sulfide Odor (C1)	___ Dry-Season Water Table (C2)
___ Sediment Deposits (B2)	___ Oxidized Rhizospheres on Living Roots (C3)	X Saturation Visible on Aerial Imagery (C9)
___ Drift Deposits (B3)	___ Presence of Reduced Iron (C4)	___ Stunted or Stressed Plants (D1)
___ Algal Mat or Crust (B4)	___ Recent Iron Reduction in Tilled Soils (C6)	___ Geomorphic Position (D2)
___ Iron Deposits (B5)	___ Thin Muck Surface (C7)	___ Shallow Aquitard (D3)
___ Inundation Visible on Aerial Imagery (B7)	___ Other (Explain in Remarks)	___ Microtopographic Relief (D4)
___ Sparsely Vegetated Concave Surface (B8)		___ FAC-Neutral Test (D5)

Secondary Indicators (minimum of two required)

Field Observations:

Surface Water Present?	Yes ____	No X	Depth (inches): ____
Water Table Present?	Yes ____	No X	Depth (inches): ____
Saturation Present? (includes capillary fringe)	Yes X	No ____	Depth (inches): 4

Wetland Hydrology Present? **Yes** X **No** ____

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Project Code: 2254561

VEGETATION : Use scientific names of plants.

Sampling Point: WET1-A

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. NA			
2.			
3.			
4.			
5.			
6.			
7.			
	0 = Total Cover		

Sapling/Shrub Stratum (Plot size: 15')			
1. FRANGULA ALNUS	10	Y	FAC
2.			
3.			
4.			
5.			
6.			
7.			
	10 = Total Cover		

Herb Stratum (Plot size: 5')			
1. SALIX DISCOLOR	10	N	FACW
2. LYTHRUM SALICARIA	15	Y	OBL
3. JUNCUS EFFUSUS	20	Y	OBL
4. FRAXINUS PENNSYLVANICA	5	N	FACW
5. SYMPHYOTRICHUM lateriflorum	10	N	FAC
6. Q. VERCUS PALUSTRIS	5	N	FACW
7. AGROSTIS STOLONIFERA	15	Y	FACW
8. CAREX SCOPARIA	5	N	FACW
9.			
10.			
11.			
12.			
	95 = Total Cover		

Woody Vine Stratum (Plot size: 30')			
1. NA			
2.			
3.			
4.			
	0 = Total Cover		

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)

Total Number of Dominant Species Across All Strata: 4 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species 35	x 1 = 35
FACW species 25	x 2 = 50
FAC species 20	x 3 = 60
FACU species 0	x 4 = 0
UPL species 0	x 5 = 0
Column Totals: 80 (A)	145 (B)

Prevalence Index = B/A = 1.81

Hydrophytic Vegetation Indicators:

- ✓ 1 - Rapid Test for Hydrophytic Vegetation
- ✓ 2 - Dominance Test is >50%
- ✓ 3 - Prevalence Index is < 3.0[1]
- 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree - Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

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

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

Woody vines - All woody vines greater than 3.28 ft in height.

Community Type: WETLAND W1 SHALLOW EMERGENT MARSH

Hydrophytic Vegetation Present? Yes X No ____

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

42.99311°N
-78.77299°W

PHOTO FACING NORTH

* PARTIALLY MOWN

SOIL

Sampling Point Wet 1-A

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-12	10YR 4/1	100					Loamy/Clayey	
12-20	10YR 4/1	97	10YR 5/8	3	C	M	Loamy/Clayey	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

[2]Location: PL=Pore Lining, M=Matrix.

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)
___ Mesic Spodic (A17) **(MLRA 144A, 145, 149B)**
___ Iron Monosulfide (A18)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Dark Surface (S7)
___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
___ High Chroma Sands (S11) (**LRR K, L)**
___ Loamy Mucky Mineral (F1) (**LRR K, L**)
___ Loamy Gleyed Matrix (F2)
_X_ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)
___ Marl (F10) (**LRR K, L**)
___ Red Parent Material (F21) **(MLRA 145)**

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
___ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
___ 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**)
___ Red Parent Material (F21) **(outside MLRA 145)**
___ Very Shallow Dark Surface (F22)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: None

Depth (inches): ____

Hydric Soil Present? **Yes** _X_ **No** ____

Remarks:

U.S. Army Corps of Engineers
WETLAND DETERMINATION DATA SHEET – Northcentral and Northeast Region
See ERDC/EL TR-12-1; the proponent agency is CECW-CO-R

OMB Control #: 0710-0024, Exp: 9/30/2027
Requirement Control Symbol EXEMPT:
(Authority: AR 335-15, paragraph 5-2a)

Project/Site: 716 Sports Fieldhouse Complex City/County: Amherst/Erie Sampling Date: 9/3/25

Applicant/Owner: Arc Building Partners State: NY Sampling Point: UPL 1-A

Investigator(s): Alex Molik & Jody Celeste Section, Township, Range: 55.03-1-10

Landform (hillside, terrace, etc.): Till Plain Local relief (concave, convex, none): Concave Slope %: 1

Subregion (LRR or MLRA): LRR L, MLRA 101 Lat: 42.993025 Long: -78.773016 Datum: NAD83

Soil Map Unit Name: Odessa silt loam, 0-3% NWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks.)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No X	**Is the Sampled Area**
Hydric Soil Present?	Yes ____	No X	**within a Wetland?** **Yes** ____ **No** X
Wetland Hydrology Present?	Yes ____	No X	If yes, optional Wetland Site ID: ____

Remarks: (Explain alternative procedures here or in a separate report.)
Successional old field

Mown field

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ____	No X	Depth (inches): ____
Water Table Present?	Yes ____	No X	Depth (inches): ____
Saturation Present? (includes capillary fringe)	Yes ____	No X	Depth (inches): ____

Wetland Hydrology Present? **Yes** ____ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Project Code: 225461

VEGETATION : Use scientific names of plants.

Sampling Point: UPL 1-A

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. NA			
2.			
3.			
4.			
5.			
6.			
7.			
	0 = Total Cover		

Sapling/Shrub Stratum (Plot size: 15')			
1. FRANGULA ALNUS	S	Y	FAC
2.			
3.			
4.			
5.			
6.			
7.			
	S = Total Cover		

Herb Stratum (Plot size: 5')			
1. DAUCUS CAROTA	15	Y	FACU
2. LOTUS CORNICULATUS	25	Y	
3. VICIA SATIVA	15	Y	
4. DICHANTHELIUM CLANDESTINUM	S	N	FACW
5. AGROSTIS STOLONIFERA	10	N	
6. SYMPHYOTRICHUM LATERIFLORUM	S	N	FAC
7. TARAXACUM OFFICINALE	10	N	FACU
8. FRAXINUS PENNSYLVANICA	S	N	FACW
9. LYTHRUM SALICARIA	10	N	OBL
10.			
11.			
12.			
	100 = Total Cover		

Woody Vine Stratum (Plot size: 30')			
1. NA			
2.			
3.			
4.			
	0 = Total Cover		

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 4 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 25 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	10	x 1 =	10
FACW species	20	x 2 =	40
FAC species	10	x 3 =	30
FACU species	65	x 4 =	260
UPL species	0	x 5 =	0
Column Totals:	105 (A)		340 (B)

Prevalence Index = B/A = 3.23

Hydrophytic Vegetation Indicators:

- ~~1 - Rapid Test for Hydrophytic Vegetation~~
- ~~2 - Dominance Test is >50%~~
- ~~3 - Prevalence Index is < 3.0[1]~~
- ~~4 - Morphological Adaptations[1]~~ (Provide supporting data in Remarks or on a separate sheet)
- ~~Problematic Hydrophytic Vegetation[1]~~ (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree - Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

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

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

Woody vines - All woody vines greater than 3.28 ft in height.

Community Type: MOWN SUCCESSIONAL OLD FIELD

Hydrophytic Vegetation Present? Yes ____ No X

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

42.993054°N
-78.773016°W

PHOTO SOUTH

SOIL

Sampling Point UPL 1-A

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Redox Features Type[1]	Redox Features Loc[2]	Texture	Remarks
0-20	10YR 4/2	100					Loamy/Clayey	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

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)
- ___ Mesic Spodic (A17) **(MLRA 144A, 145, 149B)**
- ___ Iron Monosulfide (A18)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
- ___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
- ___ High Chroma Sands (S11) (**LRR K, L)**
- ___ Loamy Mucky Mineral (F1) (**LRR K, L**)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Marl (F10) (**LRR K, L**)
- ___ Red Parent Material (F21) **(MLRA 145)**

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
- ___ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
- ___ 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**)
- ___ Red Parent Material (F21) **(outside MLRA 145)**
- ___ Very Shallow Dark Surface (F22)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: None

Depth (inches): ___

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

U.S. Army Corps of Engineers
WETLAND DETERMINATION DATA SHEET – Northcentral and Northeast Region
See ERDC/EL TR-12-1; the proponent agency is CECW-CO-R

OMB Control #: 0710-0024, Exp: 9/30/2027
Requirement Control Symbol EXEMPT:
(Authority: AR 335-15, paragraph 5-2a)

Project/Site: 716 Sports Fieldhouse Complex City/County: Amherst/Erie Sampling Date: 9/3/25

Applicant/Owner: Arc Building Partners State: NY Sampling Point: UPLV-1

Investigator(s): Alex Molik & Jody Celeste Section, Township, Range: 55.03-1-10

Landform (hillside, terrace, etc.): Till Plain Local relief (concave, convex, none): None Slope %: 1

Subregion (LRR or MLRA): LRR L, MLRA 101 Lat: 42.992810 Long: -78.774839 Datum: NAD83

Soil Map Unit Name: Odessa silt loam, 0-3% NWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks.)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No X	**Is the Sampled Area**
Hydric Soil Present?	Yes ____	No X	**within a Wetland?** **Yes** ____ **No** X
Wetland Hydrology Present?	Yes ____	No X	If yes, optional Wetland Site ID: ____

Remarks: (Explain alternative procedures here or in a separate report.)
Successional old field

Mown field

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ____	No X	Depth (inches): ____
Water Table Present?	Yes ____	No X	Depth (inches): ____
Saturation Present? (includes capillary fringe)	Yes ____	No X	Depth (inches): ____

Wetland Hydrology Present? **Yes** ____ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Project Code: 225456 1

VEGETATION : Use scientific names of plants. Sampling Point: UPLV-1

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. NA			
2.			
3.			
4.			
5.			
6.			
7.			
	0 = Total Cover		

Sapling/Shrub Stratum (Plot size: 15')			
1. NA			
2.			
3.			
4.			
5.			
6.			
7.			
	0 = Total Cover		

Herb Stratum (Plot size: 5')			
1. Lotus corniculatus	60	Y	FACU
2. DAUCUS CAROTA	5	N	UPL
3. PYRUS COMMUNIS	5	N	NI
4. FRAGARIA VIRGINIANA	5	N	FACU
5. CENTAUREA STOEBE	5	N	NI
6. Symphyotrichum lateriflorum	5	N	FAC
7. " pilosum	20	Y	FACU
8. Agrostis stolonifera	5	N	FACW
9.			
10.			
11.			
12.			
	100 = Total Cover		

Woody Vine Stratum (Plot size: 30')			
1. NA			
2.			
3.			
4.			
	0 = Total Cover		

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	5	x 2 =	10
FAC species	5	x 3 =	15
FACU species	90	x 4 =	360
UPL species	0	x 5 =	0
Column Totals:	100 (A)		385 (B)

Prevalence Index = B/A = 3.85

Hydrophytic Vegetation Indicators:

- 1 - Rapid Test for Hydrophytic Vegetation
- 2 - Dominance Test is >50%
- 3 - Prevalence Index is < 3.0[1]
- 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree - Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

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

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

Woody vines - All woody vines greater than 3.28 ft in height.

MOWED SUCCESSIONAL OLD FIELD

Community Type:

Hydrophytic Vegetation Present? Yes ____ No X

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

42.992810° N
-78.774839° W

SOIL

Sampling Point UPLV-1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-20	10YR 4/3	100					Loamy/Clayey	Gravelly

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

[2]Location: PL=Pore Lining, M=Matrix.

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)
___ Mesic Spodic (A17) **(MLRA 144A, 145, 149B)**
___ Iron Monosulfide (A18)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Dark Surface (S7)
___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
___ High Chroma Sands (S11) (**LRR K, L)**
___ Loamy Mucky Mineral (F1) (**LRR K, L**)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)
___ Marl (F10) (**LRR K, L**)
___ Red Parent Material (F21) **(MLRA 145)**

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
___ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
___ 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**)
___ Red Parent Material (F21) **(outside MLRA 145)**
___ Very Shallow Dark Surface (F22)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: None

Depth (inches): ____

Hydric Soil Present? **Yes** ____ **No** X

Remarks:

U.S. Army Corps of Engineers
WETLAND DETERMINATION DATA SHEET – Northcentral and Northeast Region
See ERDC/EL TR-12-1; the proponent agency is CECW-CO-R

OMB Control #: 0710-0024, Exp: 9/30/2027
Requirement Control Symbol EXEMPT:
(Authority: AR 335-15, paragraph 5-2a)

Project/Site: 716 Sports Fieldhouse Complex City/County: Amherst/Erie Sampling Date: 9/3/25

Applicant/Owner: Arc Building Partners State: NY Sampling Point: Wet 2-A

Investigator(s): Alex Molik & Jody Celeste Section, Township, Range: 55.03-1-10

Landform (hillside, terrace, etc.): Till Plain Local relief (concave, convex, none): Concave Slope %: 1

Subregion (LRR or MLRA): LRR L, MLRA 101 Lat: 42.991996 Long: -78.776823 Datum: NAD83

Soil Map Unit Name: Odessa silt loam, 0-3% NWI classification: PEM

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks.)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ____	**Is the Sampled Area**
Hydric Soil Present?	Yes X	No ____	**within a Wetland?** **Yes** X **No** ____
Wetland Hydrology Present?	Yes X	No ____	If yes, optional Wetland Site ID: ____

Remarks: (Explain alternative procedures here or in a separate report.)
W2-1 through W2-8

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- X Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- X Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ____	No X	Depth (inches): ____
Water Table Present?	Yes ____	No X	Depth (inches): ____
Saturation Present? (includes capillary fringe)	Yes X	No ____	Depth (inches): 2

Wetland Hydrology Present? **Yes** X **No** ____

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Project Code: 2254561

VEGETATION : Use scientific names of plants.

Sampling Point: WET 2-A

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. NA			
2.			
3.			
4.			
5.			
6.			
7.			
	0 = Total Cover		

Sapling/Shrub Stratum (Plot size: 15')			
1. NA			
2.			
3.			
4.			
5.			
6.			
7.			
	= Total Cover		

Herb Stratum (Plot size: 5')			
1. CAREX SUBPANA	10	N	FACW
2. LOTUS CORNICULATUS	15	N	FACW
3. LYTHRUM SALICARIA	10	N	OBL
4. AGROSTIS STOLONIFERA	50	Y	FACW
5. JUNCUS EFFUSUS	5	N	OBL
6. PHRAGMITES AUSTRALIS	10	N	FACW
7.			
8.			
9.			
10.			
11.			
12.			
	100 = Total Cover		

Woody Vine Stratum (Plot size: 30')			
1. NA			
2.			
3.			
4.			
	0 = Total Cover		

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	15	x 1 =	15
FACW species	70	x 2 =	140
FAC species	0	x 3 =	0
FACU species	15	x 4 =	60
UPL species	0	x 5 =	0
Column Totals:	100 (A)		215 (B)

Prevalence Index = B/A = 2.15

Hydrophytic Vegetation Indicators:

- ✓ 1 - Rapid Test for Hydrophytic Vegetation
- ✓ 2 - Dominance Test is >50%
- ✓ 3 - Prevalence Index is < 3.0[1]
- 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree - Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

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

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

Woody vines - All woody vines greater than 3.28 ft in height.

WETLAND 2 PEM

Community Type: SHALLOW EMERGENT MARSH

Hydrophytic Vegetation Present? Yes X No ____

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

42.99199°N
-78.77682°W

MOWN

SOIL

Sampling Point Wet 2-A

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-8	10YR 4/2	95	10YR 5/8	5	C	M	Loamy/Clayey	
8-20	10YR 4/3	90	10YR 5/8	10	C	M	Loamy/Clayey	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

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)
___ Mesic Spodic (A17) **(MLRA 144A, 145, 149B)**
___ Iron Monosulfide (A18)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Dark Surface (S7)
___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
___ High Chroma Sands (S11) (**LRR K, L**)
___ Loamy Mucky Mineral (F1) (**LRR K, L**)
___ Loamy Gleyed Matrix (F2)
_X_ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)
___ Marl (F10) (**LRR K, L**)
___ Red Parent Material (F21) **(MLRA 145)**

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
___ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
___ 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**)
___ Red Parent Material (F21) **(outside MLRA 145)**
___ Very Shallow Dark Surface (F22)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: None

Depth (inches): ____

Hydric Soil Present? **Yes** _X_ **No** ____

Remarks:

U.S. Army Corps of Engineers
WETLAND DETERMINATION DATA SHEET – Northcentral and Northeast Region
See ERDC/EL TR-12-1; the proponent agency is CECW-CO-R

OMB Control #: 0710-0024, Exp: 9/30/2027
Requirement Control Symbol EXEMPT:
(Authority: AR 335-15, paragraph 5-2a)

Project/Site: 716 Sports Fieldhouse Complex City/County: Amherst/Erie Sampling Date: 9/3/25

Applicant/Owner: Arc Building Partners State: NY Sampling Point: UPL2-A

Investigator(s): Alex Molik & Jody Celeste Section, Township, Range: 55.03-1-10

Landform (hillside, terrace, etc.): Till Plain Local relief (concave, convex, none): None Slope %: 1

Subregion (LRR or MLRA): LRR L, MLRA 101 Lat: 42.991967 Long: -78.777003 Datum: NAD83

Soil Map Unit Name: Odessa silt loam, 0-3% NWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks.)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No X	**Is the Sampled Area**
Hydric Soil Present?	Yes ____	No X	**within a Wetland?** **Yes** ____ **No** X
Wetland Hydrology Present?	Yes ____	No X	If yes, optional Wetland Site ID: ____

Remarks: (Explain alternative procedures here or in a separate report.)
Successional old field

Mown field

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ____	No X	Depth (inches): ____
Water Table Present?	Yes ____	No X	Depth (inches): ____
Saturation Present? (includes capillary fringe)	Yes ____	No X	Depth (inches): ____

Wetland Hydrology Present? **Yes** ____ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Project Code: 225456

VEGETATION : Use scientific names of plants.

Sampling Point: UPL2A

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. NA			
2.			
3.			
4.			
5.			
6.			
7. ↓			
	0 = Total Cover		

Sapling/Shrub Stratum (Plot size: 15')			
1. NA			
2.			
3.			
4.			
5.			
6.			
7. ↓			
	0 = Total Cover		

Herb Stratum (Plot size: 5')			
1. DAUCUS CAROTA	35	Y	FACU
2. DACTYLIS GLOMERATA	15	N	↓
3. LOTUS CORNICULATUS	25	Y	
4. PLANTAGO MAJOR	5	N	↓
5. CENTAUREA STOEBE	5	N	NI
6. RANUNCULUS ACRIS	5	N	FAC
7. FRAGARIA VIRGINIANA	5	N	FACU
8.			
9.			
10.			
11.			
12.			
	95 = Total Cover		

Woody Vine Stratum (Plot size: 30')			
1. NA			
2.			
3.			
4. ↓			
	0 = Total Cover		

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	5	x 3 =	15
FACU species	85	x 4 =	340
UPL species	0	x 5 =	0
Column Totals:	90 (A)		355 (B)

Prevalence Index = B/A = 3.94

Hydrophytic Vegetation Indicators:

- ~~1 - Rapid Test for Hydrophytic Vegetation~~
- ~~2 - Dominance Test is >50%~~
- ~~3 - Prevalence Index is < 3.0[1]~~
- ~~4 - Morphological Adaptations[1]~~ (Provide supporting data in Remarks or on a separate sheet)
- Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree - Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

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

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

Woody vines - All woody vines greater than 3.28 ft in height.

MOWED SUCCESSIONAL OLD FIELD

Community Type:

Hydrophytic Vegetation Present? Yes ____ No X

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

42.99196°N
-78.77700°W

ADJACENT TO BALL FIELDS

SOIL

Sampling Point UPL2-A

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-4	10YR 5/2	100					Loamy/Clayey	Rock @ 4"

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

[2]Location: PL=Pore Lining, M=Matrix.

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)
- ___ Mesic Spodic (A17) **(MLRA 144A, 145, 149B)**
- ___ Iron Monosulfide (A18)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
- ___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
- ___ High Chroma Sands (S11) (**LRR K, L)**
- ___ Loamy Mucky Mineral (F1) (**LRR K, L**)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Marl (F10) (**LRR K, L**)
- ___ Red Parent Material (F21) **(MLRA 145)**

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
- ___ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
- ___ 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**)
- ___ Red Parent Material (F21) **(outside MLRA 145)**
- ___ Very Shallow Dark Surface (F22)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: Rock

Depth (inches): 4

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

U.S. Army Corps of Engineers
WETLAND DETERMINATION DATA SHEET – Northcentral and Northeast Region
See ERDC/EL TR-12-1; the proponent agency is CECW-CO-R

OMB Control #: 0710-0024, Exp: 9/30/2027
Requirement Control Symbol EXEMPT:
(Authority: AR 335-15, paragraph 5-2a)

Project/Site: 716 Sports Fieldhouse Complex City/County: Amherst/Erie Sampling Date: 9/3/25

Applicant/Owner: Arc Building Partners State: NY Sampling Point: UPLV-2

Investigator(s): Alex Molik & Jody Celeste Section, Township, Range: 55.03-1-10

Landform (hillside, terrace, etc.): Till Plain Local relief (concave, convex, none): None Slope %: 1

Subregion (LRR or MLRA): LRR L, MLRA 101 Lat: 42.993345 Long: -78.778777 Datum: NAD83

Soil Map Unit Name: Odessa silt loam, 0-3% NWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks.)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No X	**Is the Sampled Area**
Hydric Soil Present?	Yes ____	No X	**within a Wetland?** **Yes** ____ **No** X
Wetland Hydrology Present?	Yes ____	No X	If yes, optional Wetland Site ID: ____

Remarks: (Explain alternative procedures here or in a separate report.)
Successional old field

Within Informational wetland

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ____	No X	Depth (inches): ____
Water Table Present?	Yes ____	No X	Depth (inches): ____
Saturation Present? (includes capillary fringe)	Yes ____	No X	Depth (inches): ____

Wetland Hydrology Present? **Yes** ____ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Project Code: 225456l

VEGETATION : Use scientific names of plants.

Sampling Point: UPLV-2

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. PYRUS COMMUNIS	10	Y	NI
2. FRAXINUS PENNSYLVANICA	5	Y	FACW
3.			
4.			
5.			
6.			
7.			
	15	= Total Cover	

Sapling/Shrub Stratum (Plot size: 15')			
1. FRANGULA ALNUS	5	Y	FAC
2. CORNUS AMOMUM	5	Y	FACW
3.			
4.			
5.			
6.			
7.			
	10	= Total Cover	

Herb Stratum (Plot size: 5')			
1. SOLIDAGO CANADENSIS	10	Y	FACU
2. SYMPHYOTRICHUM pilosum	10	Y	↓
3. PHLEUM PRATENSIS	20	Y	↓
4. DIPSACUS FULLONUM	5	N	NI
5. AGROSTIS STOLONIFERA	10	Y	FACW
6. SYMPHYOTRICHUM lateriflorum	10	Y	FAC
7. DAUCUS CAROTA	10	Y	FACU
8. LYTHRUM SALICARIA	5	N	OBL
9. LOTUS CORNICULATUS	20	Y	FACW
10.			
11.			
12.			
	100	= Total Cover	

Woody Vine Stratum (Plot size: 30')			
1. NA			
2. ↓			
3.			
4.			
	0	= Total Cover	

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 5 (A)

Total Number of Dominant Species Across All Strata: 11 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 45 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species 5	x 1 =	5
FACW species 20	x 2 =	40
FAC species 15	x 3 =	45
FACU species 70	x 4 =	280
UPL species 0	x 5 =	0
Column Totals: 110 (A)		370 (B)

Prevalence Index = B/A = 3.36

Hydrophytic Vegetation Indicators:

- ~~1 - Rapid~~ Test for Hydrophytic Vegetation
- 2 - Dominance Test is >50%
- ~~3 - Prevalence~~ Index is < 3.0[1]
- ~~4 - Morphological~~ Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree - Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

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

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

Woody vines - All woody vines greater than 3.28 ft in height.

Community Type: SUCCESSIONAL OLD FIELD (EDGE OF SHRUBS)

Hydrophytic Vegetation Present? Yes ____ No X

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

42.99334°N
-78.97877°W

SOIL

Sampling Point UPLV-2

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-12	10YR 5/3	100					Loamy/Clayey	Rock @ 12"

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

[2]Location: PL=Pore Lining, M=Matrix.

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)
- ___ Mesic Spodic (A17) **(MLRA 144A, 145, 149B)**
- ___ Iron Monosulfide (A18)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
- ___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
- ___ High Chroma Sands (S11) (**LRR K, L)**
- ___ Loamy Mucky Mineral (F1) (**LRR K, L**)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Marl (F10) (**LRR K, L**)
- ___ Red Parent Material (F21) **(MLRA 145)**

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
- ___ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
- ___ 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**)
- ___ Red Parent Material (F21) **(outside MLRA 145)**
- ___ Very Shallow Dark Surface (F22)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: Rock

Depth (inches): 12

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

APPENDIX C

Photo Log

Wetland and Stream Delineation Photos – 716 Sports Fieldhouse Complex

Amherst, NY September 3, 2025

Wetland 1 (PEM)

Upland field

Wetland 2 (PEM)

Upland field adjacent to baseball field

Wetland and Stream Delineation Photos – 716 Sports Fieldhouse Complex

Amherst, NY September 3, 2025

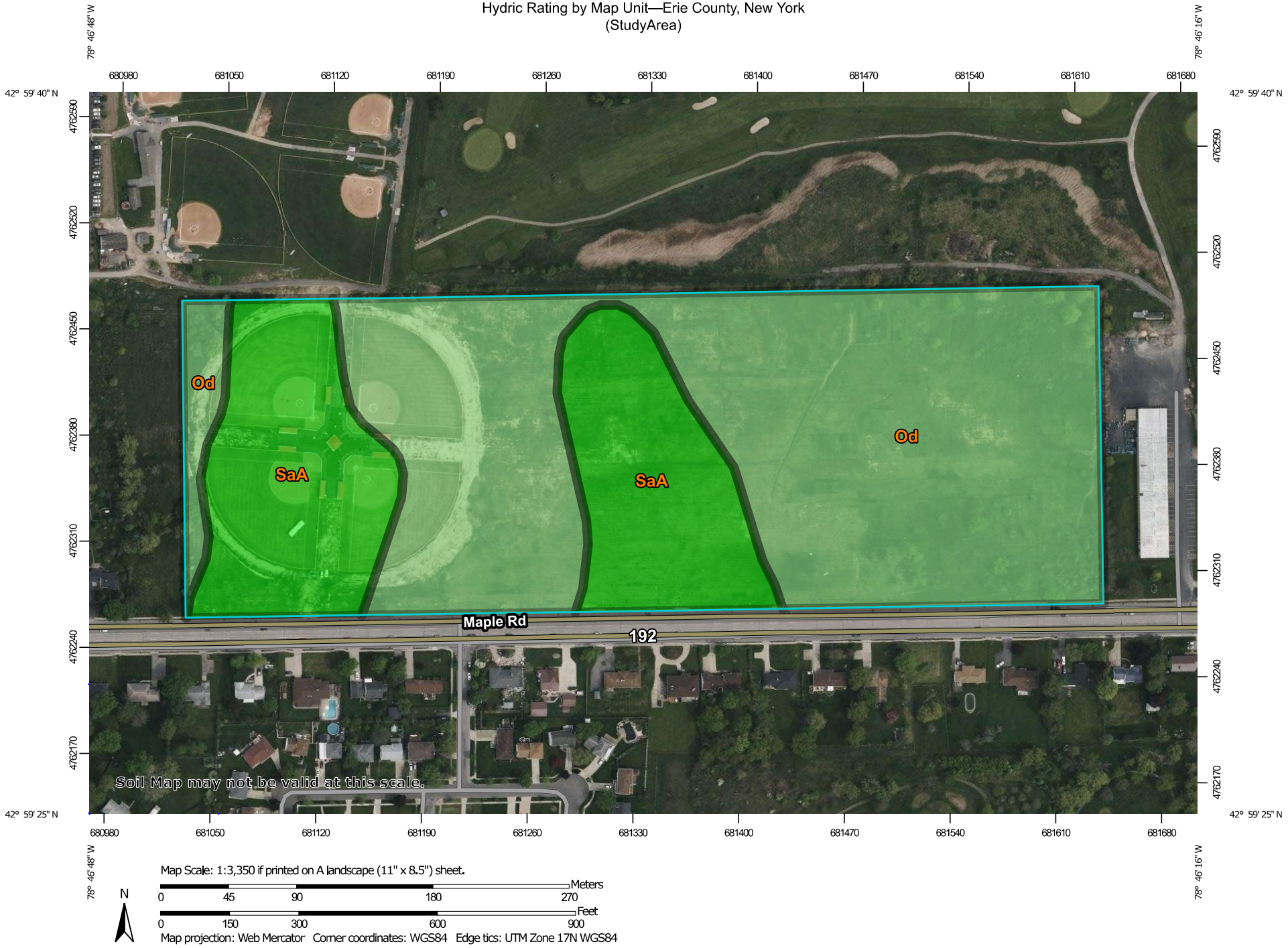
Upland field (UPLV-1)

Upland shrubs (UPLV-2)

APPENDIX D

Hydric Soil Map

Hydric Rating by Map Unit—Erie County, New York
(StudyArea)



Map Scale: 1:3,350 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 45 90 180 270

Feet
0 150 300 600 900

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils

Soil Rating Polygons
- Hydric (100%)
- Hydric (66 to 99%)
- Hydric (33 to 65%)
- Hydric (1 to 32%)
- Not Hydric (0%)
- Not rated or not available

Soil Rating Lines
- Hydric (100%)
- Hydric (66 to 99%)
- Hydric (33 to 65%)
- Hydric (1 to 32%)
- Not Hydric (0%)
- Not rated or not available

Soil Rating Points
- Hydric (100%)
- Hydric (66 to 99%)
- Hydric (33 to 65%)
- Hydric (1 to 32%)
- Not Hydric (0%)
- Not rated or not available

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- 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.

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

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the 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.

Soil Survey Area: Erie County, New York
Survey Area Data: Version 24, Aug 25, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 13, 2023—May 27, 2023

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.

Hydric Rating by Map Unit

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Od	Odessa silt loam, 0 to 3 percent slopes	5	21.4	67.8%
SaA	Schoharie silt loam, 0 to 3 percent slopes	0	10.1	32.2%
Totals for Area of Interest			**31.5**	**100.0%**

Description

This rating indicates the percentage of map units that meets the criteria for hydric soils. Map units are composed of one or more map unit components or soil types, each of which is rated as hydric soil or not hydric. Map units that are made up dominantly of hydric soils may have small areas of minor nonhydric components in the higher positions on the landform, and map units that are made up dominantly of nonhydric soils may have small areas of minor hydric components in the lower positions on the landform. Each map unit is rated based on its respective components and the percentage of each component within the map unit.

The thematic map is color coded based on the composition of hydric components. The five color classes are separated as 100 percent hydric components, 66 to 99 percent hydric components, 33 to 65 percent hydric components, 1 to 32 percent hydric components, and less than one percent hydric components.

In Web Soil Survey, the Summary by Map Unit table that is displayed below the map pane contains a column named 'Rating'. In this column the percentage of each map unit that is classified as hydric is displayed.

Hydric soils are defined by the National Technical Committee for Hydric Soils (NTCHS) as soils that formed under conditions of saturation, flooding, or ponding long enough during the growing season to develop anaerobic conditions in the upper part (Federal Register, 1994). Under natural conditions, these soils are either saturated or inundated long enough during the growing season to support the growth and reproduction of hydrophytic vegetation.

The NTCHS definition identifies general soil properties that are associated with wetness. In order to determine whether a specific soil is a hydric soil or nonhydric soil, however, more specific information, such as information about the depth and duration of the water table, is needed. Thus, criteria that identify those estimated soil properties unique to hydric soils have been established (Federal Register, 2002). These criteria are used to identify map unit components that normally are associated with wetlands. The criteria used are selected estimated soil properties that are described in "Soil Taxonomy" (Soil Survey Staff, 1999) and "Keys to Soil Taxonomy" (Soil Survey Staff, 2006) and in the "Soil Survey Manual" (Soil Survey Division Staff, 1993).

If soils are wet enough for a long enough period of time to be considered hydric, they should exhibit certain properties that can be easily observed in the field. These visible properties are indicators of hydric soils. The indicators used to make onsite determinations of hydric soils are specified in "Field Indicators of Hydric Soils in the United States" (Hurt and Vasilas, 2006).

References:

Federal Register. July 13, 1994. Changes in hydric soils of the United States.

Federal Register. September 18, 2002. Hydric soils of the United States.

Hurt, G.W., and L.M. Vasilas, editors. Version 6.0, 2006. Field indicators of hydric soils in the United States.

Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18.

Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service. U.S. Department of Agriculture Handbook 436.

Soil Survey Staff. 2006. Keys to soil taxonomy. 10th edition. U.S. Department of Agriculture, Natural Resources Conservation Service.

Rating Options

Aggregation Method: Percent Present

Component Percent Cutoff: None Specified

Tie-break Rule: Lower

716 Sports Fieldhouse Complex

Appendix B– Signed JD Request Form

For Niagara, Erie, and Wyoming Counties
Region 9 Headquarters
700 Delaware Avenue
Buffalo, New York 14209
(716) 851-7010 (phone) or (716) 851-7005 (fax)
or R9BEH@dec.ny.gov

For Chautauqua, Cattaraugus, and Allegany Counties
Region 9 Allegany Field Office
182 East Union Street, Suite 3
Allegany, New York 14706
(716) 372-0645 (phone) or (716) 372-2113 (fax)
or R9BEH@dec.ny.gov

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation
Bureau of Ecosystem Health

REQUEST FOR WETLANDS DETERMINATION, VERIFICATION, OR DELINEATION

If you would like a DEC Wetlands staff person (Biologist or Technician) to come to your property to determine whether a New York State regulated wetland or its regulated 100-foot adjacent area exists on the property, you must complete this form and mail, email, or fax it, along with the items listed below, to the address listed above. A staff person will then contact you to confirm receipt of your request. When scheduling and weather conditions allow, a DEC wetlands staff person will make arrangements to fulfill the request and can discuss with you how the presence of regulated areas may affect your plans. These services are provided free of charge and are provided in the order the requests are received. However, if your proposed activities may impact a wetland that is also under Federal jurisdiction, you may be advised to instead obtain a federal delineation from the U.S. Army Corps of Engineers or qualified wetland consultant. If your proposed activities may impact the regulated areas, you will need to apply for an Article 24 Freshwater Wetlands Permit from the Department prior to starting your project.

PLEASE NOTE: A wetland delineation is based on field indicators of plants, soils, and other ground features. Therefore, wetland field work is limited to when conditions allow (**typically May 1 to November 1**).

1. **Check the box which describes what you are requesting**:

☐ **Wetland Determination** – A staff person will examine the property to determine if a wetland and/or its 100-foot adjacent area exists on the property and will only point out its boundary.

☑ **Wetland Verification** – A staff person will evaluate the boundary of a wetland that a private wetland consultant has delineated on the property. A delineation report from the consultant must be submitted with this request.

☐ **Wetland Delineation** – A staff person will examine the property and place flagging along the wetland boundary. A DEC delineation is considered valid for 5 years, with or without an approved survey. However, a survey map is usually required when a proposed project will cause any disturbance to the land within 100 feet from the delineated wetland boundary, thus requiring a wetland permit from this Department. A survey, if required, must be arranged with a private surveyor by the landowner, at his/her expense, according to Department requirements (available upon request), and 3 copies must then be submitted to this office for review and approval.

2. **Person requesting the services**:
Name: LaBella Associates; Alex Molik
Mailing Address: 300 Pearl Street, Suite 130
City/State/Zip: Buffalo, New York 14202
Daytime Telephone: 716-922-2397
Email Address: amolik@labellapc.com

Landowner (if different):
Name: Brian Kulpa
Mailing Address: 5583 main St.
City/State/Zip: Williamsville NY 14221
Daytime Telephone: 716-631-7032
Email Address: Bkulpa@amherst.ny.us

PLEASE NOTE: If the person requesting the delineation, verification, or determination is NOT the owner of the parcel of land, both the requestor and landowner must sign below in order for DEC staff to inspect the property.

3. **Reason for requesting a field inspection at this time**:
☐ Purchasing or selling property ☑ Proposing a project to: develop the land
☐ Other (explain): _____

4. **Property Location**:
Street address of property: 330 Maple Road
City/Town/Village: Amherst New York County: Erie
Wetland ID (if known), e.g., BU-10: N/A Section/block/lot number from tax map (if known): SBL# 55.03-1-10

5. **Attach** one 8½" x 11" copy of either a tax map OR survey map showing all the property boundaries, if available.

I hereby request that a Department representative inspect the property indicated to determine the presence or boundary of any wetlands present. If a delineation is performed and the Department deems necessary for the purpose of any subsequent permit application, I agree to have the boundary surveyed according to the Department requirements and to send three (3) copies of the survey map to the Department for approval.

Signature of Requestor	Date	Signature of Landowner (Required, if different)	Date
[signature]	10/27/25	[signature]	10/24/25

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Appendix C– Shapefiles

SHAPEFILES ARE ATTACHED TO EMAIL