



WETLAND DELINEATION REPORT

75 Tupelo Lane
75 Tupelo Lane, Amherst, NY 14228
LaBella Project No. 2254165

Prepared For: Town of Amherst
5583 Main Street
Williamsville, NY 14221
Jeff Szatkowski
716-631-7051
jszatkowski@amherst.ny.us

Prepared By: LaBella Associates, D.P.C.
300 State Street, Suite 130
Rochester, New York 14614

Date: September 2025



TABLE OF CONTENTS

1.0	INTRODUCTION.....	1
1.1	PROJECT DESCRIPTION.....	1
1.2	PURPOSE.....	1
2.0	METHODOLOGY.....	1
2.1	RESOURCES.....	1
2.2	JURISDICTIONAL AREA DELINEATION.....	2
3.0	PHYSICAL CHARACTERISTICS AND RESOURCES.....	2
3.1	PHYSIOGRAPHY.....	2
3.2	SOILS.....	3
3.3	HYDROLOGY.....	3
4.0	AGENCY RESOURCES.....	3
4.1	DESKTOP WETLAND RESOURCES.....	3
4.3	FEMA 100-YEAR FLOOD ZONES.....	4
5.0	RESULTS.....	4
5.1	UPLANDS.....	4
5.2	WETLANDS.....	4
5.2.1	WETLAND 1.....	4
5.2.2	WETLAND 2.....	5
5.2.3	WETLAND 3.....	5
6.0	CONCLUSIONS.....	6
7.0	SIGNATURE OF WETLAND PROFESSIONALS.....	6
8.0	REFERENCES.....	8



LIST OF TABLES

TABLE 1. SOIL MAP UNITS WITHIN THE STUDY AREA.....	3
TABLE 2. INFORMATIONAL MAPPED WETLANDS WITHIN THE STUDY AREA.....	3
TABLE 3. DELINEATED WETLANDS	4

LIST OF APPENDICES

APPENDIX A – FIGURES

FIGURE 1 – USGS SITE LOCATION

FIGURE 2 – MAPPED WETLAND AND STREAM RESOURCES

FIGURE 3 – FEMA FLOOD ZONES

FIGURE 4 – WETLAND AND STREAM DELINEATION SURVEY

APPENDIX B – DATA FORMS

APPENDIX C – PHOTOLOG

APPENDIX D – HYDRIC SOIL MAP

1.0 INTRODUCTION

1.1 PROJECT DESCRIPTION

The Town of Amherst (Client) retained LaBella Associates, D.P.C. (LaBella) to perform a wetland delineation for a project site located at 75 Tupelo Lane, Town of Amherst, NY 14228. For the purpose of the wetland delineation, the Study Area is defined as a 1.4-acre area consisting of forest along the western border and residential neighborhood on the eastern border, tax parcel 26.06-8-33. Please refer to Appendix A, Figure 1 for the Study Area location and boundary. The geographic coordinates of the approximate Study Area center are: 43.0470, -78.8239 (NAD83). Wetland delineation field work was performed on August 12, 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 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, 2024); 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 August 12, 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 Northeastern Forage and Forest Land Resource Region (LRR R), and the Ontario-Erie Plain and Finger Lakes Major Land Resource Area (MLRA 101) (USDA, 2022). The Study Area topography consists of predominantly flat plains, exhibiting minimal elevation change across the landscape. Land cover within the Study Area consists of undeveloped forest, early successional scrubland, and is adjacent to a residential neighborhood. The surrounding area is comprised of

undeveloped forests on the western border the Study Area and residential neighborhood located on the eastern side of the study area. Elevations within the Study Area range from approximately 578 feet above mean sea level (AMSL) to approximately 575 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 (%)
Lamson Very Fine Sandy loam	Lc	Very Poorly Drained	Yes	90
Raynham Silt Loam	RaA	Somewhat Poorly Drained	No	5

Source: USDA, NRCS, 2024; 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 unit that was found to be hydric is Lamson Very Fine Sandy Loam, making up 8.2% of the Study Area.

3.3 HYDROLOGY

The Study Area is located in the Lake Erie watershed (USGS Hydrologic Unit Code 04270101). *The source of surface hydrology for the Study Area is precipitation and surface water from the adjacent neighborhood.* The Town of Amherst, NY receives an average of 41.5 inches of precipitation annually (NRCC, 2020).

4.0 AGENCY RESOURCES

4.1 DESKTOP WETLAND RESOURCES

The NYSDEC freshwater wetland informational mapping indicates there is one previously mapped NYSDEC wetland and one additionally mapped informational wetland within the Study Area. (refer to Appendix A, Figure 2), as outlined in Table 2. In addition, the USFWS NWI has one mapped wetland 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	Yes	Yes	Wetland 1
Yes	No	No	Wetland 2
No	Yes	Yes	Wetland 3

4.3 FEMA 100-YEAR FLOOD ZONES

There is no Flood Zone within the Study Area. The nearest Flood Zone is 720 feet west of the Study Area and is connected to the Erie Canal. Refer to Appendix A, Figure 3}

5.0 RESULTS

5.1 UPLANDS

Dominant vegetation in the tree stratum includes black locust (*Robinia pseudoacacia*), European pear (*Pyrus communis*), cockspur hawthorn (*Crataegus crus-galli*), black walnut (*Juglans nigra*), and green ash (*Fraxinus pennsylvanica*). Dominant vegetation in the shrub stratum includes common blackberry (*Rubus allegheniensis*), red raspberry (*Rubus idaeus*), silky dogwood (*Cornus amomum*), gray dogwood (*Cornus racemosa*), and black walnut. Dominant vegetation in the herbaceous stratum includes white avens (*Geum canadense*), wrinkleleaf goldenrod (*Solidago rugosa*), red raspberry (*Rubus idaeus*), wild strawberry (*Fragaria virginiana*), Virginia knotweed (*Polygonum virginiana*), poison ivy (*Toxicodendron radicans*), white woodland aster (*Symphotrichum lateriflorum*), and Kentucky bluegrass (*Poa pratensis*). Dominant vines include summer grape (*Vitis aestivalis*). Data Forms, provided in Appendix B, summarize the observed conditions adequate to characterize all uplands within the Study Area.

5.2 WETLANDS

LaBella field staff delineated two PSS (Palustrine Scrub Shrub) and one PEM (Palustrine Emergent) wetlands within the Study Area (see Appendix A, Figure 4). Table 4 provide areas and classifications of the delineated wetlands.

Table 3. Delineated Wetlands

Wetland ID	Cowardin Classification	Acreage On-site	Latitude, Longitude (NAD83)
Wetland 1	PSS	0.04	43.047567 -78.823934
Wetland 2	PSS	0.11	43.047171 -78.824079
Wetland 3	PEM	0.12	43.046641 -78.823891

5.2.1 Wetland 1

Wetland 1 is a PSS approximately 0.04 acres in size and is located along the western border of the Study Area. The topography is slightly concave with little to no change in local relief. Wetland 1 overlaps with a NWI mapped wetland, a NYSDEC informational wetland, and an existing NYSDEC wetland. Hydrology for Wetland 1 consists of surface water collection, with the primary hydrology indicators being water-stained leaves and the positive results of a FAC-neutral test for hydrophytic vegetation.

Dominant vegetation in the tree stratum includes pin oak (*Quercus palustris*), swamp white oak (*Quercus bicolor*), and cockspur hawthorn. Dominant vegetation in the sapling and shrub stratum includes green ash, silky dogwood, pin oak, and swamp white oak, and in the herbaceous stratum includes white woodland aster, poison ivy, green ash, broom sedge (*Carex scoparia*) and fowl mannagrass (*Glyceria striata*).

The soils from the surface to eight inches in depth are moderate brown (10YR 5/3) with a silt texture and from eight to 20 inches in depth are the same moderate brown with 5% redox concentrations with a strong brown color of 10YR 5/8.

5.2.2 Wetland 2

Wetland 2 is a PSS approximately 0.11 acres in size and is located in the northern end of the Study Area and extends north outside of the Study Area. Topography is slightly concave with little to no change in local relief. Wetland 2 overlaps with one NWI mapped wetland and one NYSDEC informational wetland. Hydrology for Wetland 1 consists of surface water collection, with the primary hydrology indicators being water-stained leaves, ground surface saturation, and the positive results of a FAC-neutral test for hydrophytic vegetation.

Dominant vegetation in the tree stratum includes pin oak, swamp white oak, and green ash. Dominant vegetation in the sapling and shrub stratum includes green ash, pin oak, silky dogwood, and gray dogwood and in the herbaceous stratum includes sensitive fern (*Onoclea sensibilis*), wrinkleleaf goldenrod, Canada goldenrod (*Solidago canadensis*), white woodland aster, silky dogwood, fowl mannagrass, and green ash.

The soils from surface to twelve inches in depth are gray (10YR 5/1) with a silty clay texture. Soils from 12 to 20 inches in depth are the same gray featuring 10% redox concentrations with a strong brown color of 10YR 5/8.

5.2.3 Wetland 3

Wetland 3 is a PEM approximately 0.12 acres in size and is located in the middle of the southern portion of the Study Area. Topography is slightly concave with little to no change in local relief. Wetland 3 overlaps with one NYSDEC informational mapped wetland and one previously mapped NYSDEC wetland. Hydrology for Wetland 3 consists of surface water collection, with the primary hydrology indicators being water-stained leaves and the positive results of a FAC-neutral test for hydrophytic vegetation.

Dominant vegetation in the tree stratum includes pin oak. Dominant vegetation in the sapling and shrub stratum includes pin oak and pussy willow (*Salix discolor*) and in the herbaceous stratum includes broom sedge, Indian hemp (*Apocynum cannabinum*), soft rush (*Juncus effusus*), white woodland aster, silky dogwood, fowl mannagrass, and green ash, fowl mannagrass, white woodland aster, Canada rush (*Juncus canadensis*), and pin oak.

The soils from the surface to eight inches in depth are gray (10YR 5/1) with a silty clay texture. Soils from eight to 20 inches in depth are moderate brown (10YR 5/3) featuring 10% redox concentrations with a strong brown color (10YR 5/8).

6.0 CONCLUSIONS

LaBella delineated two PSS wetlands and one PEM wetland within the Study Area. Wetlands were identified based on the presence of wetland hydrology, dominance of hydrophytic vegetation, and presence of hydric soils. The primary functions provided by the wetlands within the Study Area appear to be water retention, water quality improvement, and wildlife habitat.

Wetlands 1 and 2 may be subject to jurisdiction by the U.S. Army Corps of Engineers (USACE) due to their boundaries extending beyond the limits of the Study Area and connecting to features that meet the definition of Waters of the United States (WOTUS) under the Clean Water Act.

All three wetlands delineated within the study area are considered jurisdictional under state regulations due to their overlap with previously mapped wetlands recognized by the NWI and NYSDEC. These wetlands correspond with areas identified in the National Wetlands Inventory and NYSDEC Freshwater Wetlands Maps, confirming their regulated status. Their physical characteristics—such as hydric soils, hydrophytic vegetation, and evidence of wetland hydrology support the classification of jurisdictional WOTUS under the Clean Water Act. As such, any proposed impacts to these wetlands will require review and permitting from both USACE under Section 404 of the Clean Water Act and NYSDEC under Article 24 of the Environmental Conservation Law.

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 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 amolik@labellapc.com.

Report Prepared By:



Alex Molik
Environmental Project Manager

Report Prepared By:



Ian McNamara
Environmental Biologist

8.0 REFERENCES

- CFR. 2010. Code of Federal Regulations, Title 40: Protection of the Environment, Part 230: Section 404 (b) (1) Guidelines for Specification of Disposal Sites for Dredged or Fill Material. United States Army Corps of Engineers.
- Cowardin, L.M., V. Carter, F.C. Golet and E.T. LaRoe. 1979. Classification of Wetlands and Deepwater Habitats of the United States. U.S. Fish and Wildlife Service, OBS-79/31, Washington, D.C.
- Environmental Laboratory. 1987. Corps of Engineers Wetland Delineation Manual. Technical Report Y-87-1. U.S. Army Corps of Engineers: Waterways Experiment Station; Vicksburg, MS.
- Lichvar, R.W., M. Butterwick, N.C. Melvin, and W.N. Kirchner. 2022. The National Wetland Plant List: 2022 Wetland Ratings. Available at: <https://wetland-plants.sec.usace.army.mil/download/>.
- Munsell, A. 2009. Munsell Soil Color Book, 2009 Revised Edition. X-Rite, Grand Rapids, MI.
- NRCC. 2025. Northeast Regional Climate Center, National Oceanic Applied Climate Information System Annual Climate Data. National Oceanic and Atmospheric Administration and Cornell University, Ithaca, NY. Available at: <http://agacis.rcc-acis.org/>. Accessed September, 2025.
- NYCRR. 2025. New York Codes, Rules and Regulations, Title 6, Freshwater Wetlands Jurisdiction and Classification, Part 664. New York Department of Environmental Conservation.
- NYCRR. 2018. New York Codes, Rules and Regulations, Title 6: Department of Environmental Conservation, Part 701: Surface and Groundwaters. New York Department of Environmental Conservation.
- NYSDEC. 2025. New York State Department of Environmental Conservation, Environmental Resource Mapper. New York State Department of Environmental Conservation, Albany, NY. Available at: <http://www.dec.ny.gov/gis/erm/>. Accessed September, 2025.
- Soil Survey Staff. 2025. Web Soil Survey. United States Department of Agriculture Natural Resource Conservation Service. Available at: <https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm>.
- Town of Amherst, YEAR. Town Code: Chapter 181-3 Freshwater Wetlands. Town Board of the Town of Amherst
- USACE. 2025. National Ordinary High Water Mark Field Delineation Manual for Rivers and Streams. Final Technical Report. U.S. Army Corps of Engineers: Research and Development Center; Hanover, NH.
- USACE. 2012. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region (Version 2.0). Technical Report TR-12-1. U.S. Army Corps of Engineers: Engineering Research and Development Center, Vicksburg, MS.

USDA. 2025 The PLANTS database. National Plant Data Team, Greensboro, NC. Available at: <http://plants.usda.gov/>. Accessed September, 2025.

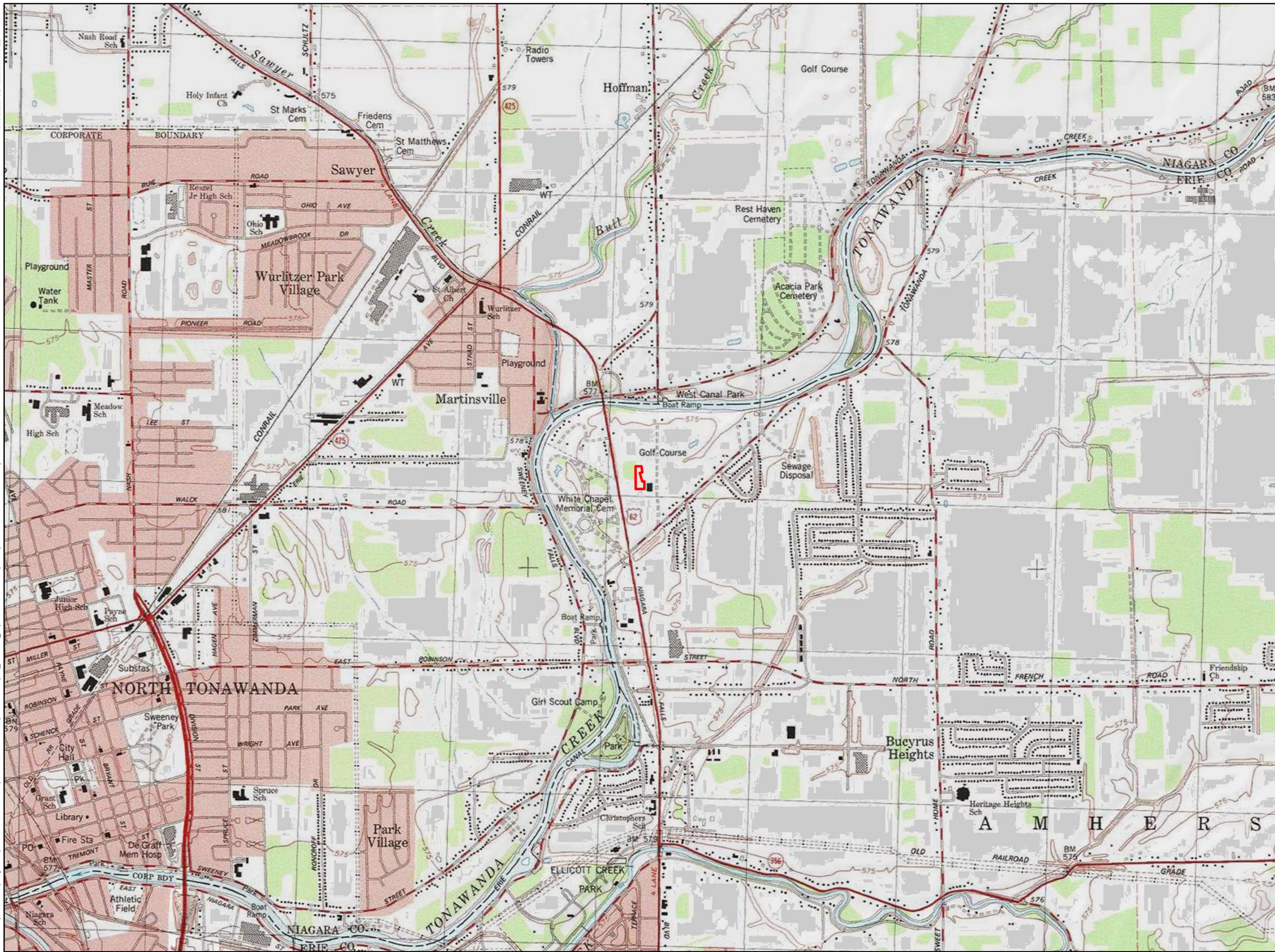
USDA-NRCS. 2022. Soil Survey of Erie County, New York. United States Department of Agriculture Soil Conservation Service in cooperation with Cornell University Agricultural Experiment Station, Washington, D.C.

USDA, NRCS. 2022. Land resource regions and major land resource areas of the United States, the Caribbean, and the Pacific Basin. US Department of Agriculture, Agriculture Handbook. 296p.

USDA-NRCS. 2024. Field Indicators of Hydric Soils in the United States, Version 9.0. L. M. Vasilas, A. Miller, J. F. Berkowitz. R. Griffin, and C. Moorberg (eds.). USDA, NRCS in cooperation with the National Technical Committee for Hydric Soils.

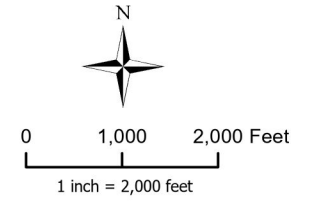
APPENDIX A

FIGURES



**Town of Amherst
 Wetland and Stream
 Delineation Report**

**75 Tupelo Lane
 Amherst, NY**

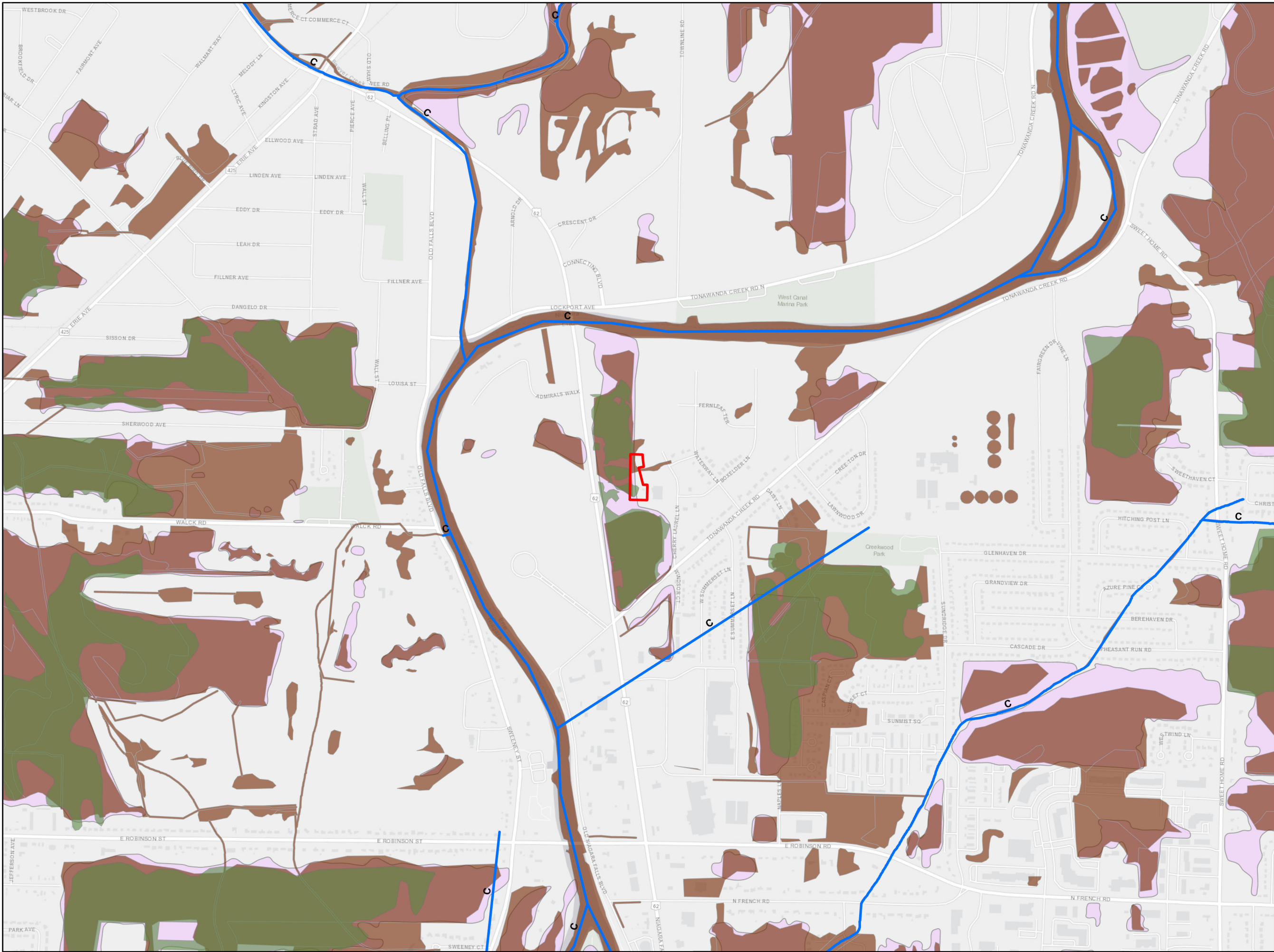


Legend
 Study Area

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 Tonawanda East (1980) Quadrangle.

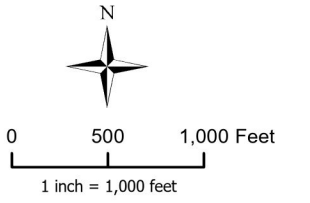
USGS Site Location

FIGURE 1



Town of Amherst
Wetland and Stream
Delineation Report

75 Tupelo Lane
Amherst, NY



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, NRCAN, 2025

Mapped Wetland and
Stream Resources

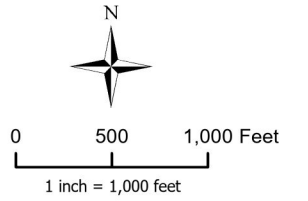
FIGURE 2



Town of Amherst

**Wetland and Stream
Delineation Report**

**75 Tupelo Lane
Amherst, NY**



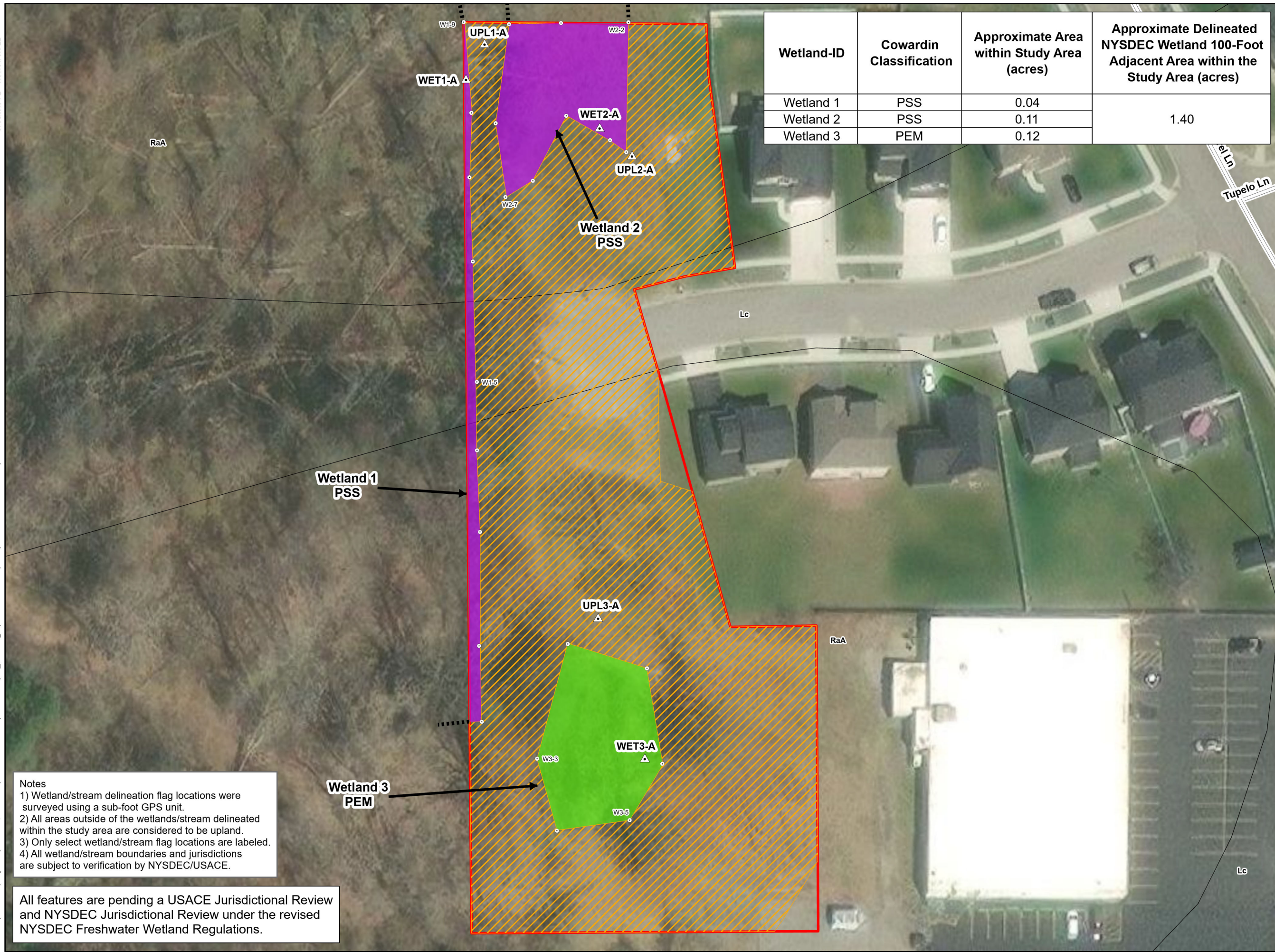
Legend

-  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., USGS, EPA, NRCAN, 2025
 3. FEMA Flood Zone: FIRM Panel #36063C0362E, Effective Date: 09/17/2010

FEMA Flood Zones

FIGURE 3

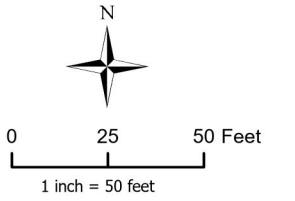


Wetland-ID	Cowardin Classification	Approximate Area within Study Area (acres)	Approximate Delineated NYSDEC Wetland 100-Foot Adjacent Area within the Study Area (acres)
Wetland 1	PSS	0.04	1.40
Wetland 2	PSS	0.11	
Wetland 3	PEM	0.12	

Town of Amherst

Wetland and Stream Delineation Report

**75 Tupelo Lane
Amherst, NY**



Legend

- Study Area
- Data Point Location
- Wetland/Stream Flag Location
- Scrub-Shrub Wetland (PSS)
- Emergent Wetland (PEM)
- Delineated NYSDEC Wetland 100-Foot Adjacent Area
- Approximate Offsite Wetland/Stream Boundary
- 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).

Notes
 1) Wetland/stream delineation flag locations were surveyed using a sub-foot GPS unit.
 2) All areas outside of the wetlands/stream 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.

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

Wetland and Stream Delineation Survey

FIGURE 4

APPENDIX B

Data Forms

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 75 Tupelo Lane City/County: Amherst/Erie Sampling Date: 8/12/25
 Applicant/Owner: Town of Amherst State: NY Sampling Point: Wet 1A
 Investigator(s): Jody Cefrot & Vanessa Parker Section, Township, Range: 2606-9-33
 Landform (hillside, terrace, etc.): depression/wet Local relief (concave, convex, none): Concave Slope %: 1
 Subregion (LRR or MLRA): LRR R, MLRA 1A Lat: 43.047654 Long: -78.824151 Datum: NAD83
 Soil Map Unit Name: Raynham Silt Loam NWI classification: PSS

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 X, 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 <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u> </u> If yes, optional Wetland Site ID: <u> </u>
Hydric Soil Present?	Yes <u>X</u> No <u> </u>	
Wetland Hydrology Present?	Yes <u>X</u> No <u> </u>	

Remarks: (Explain alternative procedures here or in a separate report.)
Restriction tower @ R11

HYDROLOGY

Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
<u>Primary Indicators (minimum of one is required; check all that apply)</u>	
<u> </u> Surface Water (A1)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Drainage Patterns (B10)
<u> </u> Saturation (A3)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)	<u> </u> Microtopographic Relief (D4)
<u> </u> <u>X</u> Water-Stained Leaves (B9)	<u> </u> FAC-Neutral Test (D5)
<u> </u> Aquatic Fauna (B13)	
<u> </u> Marl Deposits (B15)	
<u> </u> Hydrogen Sulfide Odor (C1)	
<u> </u> Oxidized Rhizospheres on Living Roots (C3)	
<u> </u> Presence of Reduced Iron (C4)	
<u> </u> Recent Iron Reduction in Tilled Soils (C6)	
<u> </u> Thin Muck Surface (C7)	
<u> </u> Other (Explain in Remarks)	

Field Observations:	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>
Surface Water Present? Yes <u> </u> No <u> </u> Depth (inches): <u> </u>	
Water Table Present? Yes <u> </u> No <u> </u> Depth (inches): <u> </u>	
Saturation Present? Yes <u> </u> No <u> </u> Depth (inches): <u> </u> (includes capillary fringe)	

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

Remarks:

VEGETATION : Use scientific names of plants.

Tree Stratum (Plot size: 30')

	Absolute % Cover	Dominant Species?	Indicator Status
1. <i>Quercus palustris</i>	50	Y	FACW
2. <i>Quercus bicolor</i>	15	Y	↓
3. <i>CRATAEGUS crus-galli</i>	5	N	FAC
4.			
5.			
6.			
7.			

70 = Total Cover

Sapling/Shrub Stratum (Plot size: 15')

	Absolute % Cover	Dominant Species?	Indicator Status
1. <i>FRAXINUS pennsylvanica</i>	10	Y	FACW
2. <i>Quercus palustris</i>	20	Y	↓
3. <i>Cornus amomum</i>	10	Y	↓
4. <i>Quercus bicolor</i>	10	Y	↓
5.			
6.			
7.			

50 = Total Cover

Herb Stratum (Plot size: 5')

	Absolute % Cover	Dominant Species?	Indicator Status
1. <i>Toxicodendron radicans</i>	35	Y	FAC
2. <i>CAREX SUPPURA</i>	10	N	FACW
3. <i>Vitis aestivalis</i>	5	N	FACW
4. <i>Symphoricarpos lateriflorus</i>	15	Y	FAC
5. <i>Glyceria striata</i>	10	N	OBL
6. <i>FRAXINUS pennsylvanica</i>	5	N	FACW
7.			
8.			
9.			
10.			
11.			
12.			

80 = 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: 8 (A)

Total Number of Dominant Species Across All Strata: 8 (B)

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

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>10</u>	x 1 = <u>10</u>
FACW species <u>130</u>	x 2 = <u>260</u>
FAC species <u>55</u>	x 3 = <u>165</u>
FACU species <u>5</u>	x 4 = <u>20</u>
UPL species <u>0</u>	x 5 = <u>0</u>
Column Totals: <u>200</u> (A)	<u>455</u> (B)

Prevalence Index = B/A = 2.25

Hydrophytic Vegetation Indicators:

- 1 - Rapid Test for Hydrophytic Vegetation
- 2 - Dominance Test is >50%
- 3 - Prevalence Index is < 3.0¹
- 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)

Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators 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.

WI PSS SCRUB/SHRUB SWAMP

Community Type: _____

Hydrophytic Vegetation Present? Yes No

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

Photo # _____ Direction of Photo _____

WI-1 to WI-9

SOIL

Sampling Point: Well 1-A

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

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-9	10YR 5/3	100					Silt	
9-12	10YR 5/3	95	10YR 5/6	5	C	M	Silty clay	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. ²Location: 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)
- 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)

Indicators for Problematic Hydric Soils³:

- 2 cm Muck (A10) (LRR K, L, MLRA 149B)
- Coast Prairie Redox (A16) (LRR K, L, R)
- 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)
- Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
- Red Parent Material (F21)
- Very Shallow Dark Surface (F22)
- Other (Explain in Remarks)

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

Restrictive Layer (if observed):

Type: Roots

Depth (inches): 12"

Hydric Soil Present? Yes No

Remarks:

This data form is revised from Northcentral and Northeast Regional Supplement Version 2.0 to include the NRCS Field Indicators of Hydric Soils, Version 7.0, 2015 Errata. (http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_051293.docx)

Restrictive layer @ 12"

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 75 Tupelo Lane City/County: Amherst / Erie Sampling Date: 8/17/25
 Applicant/Owner: Town of Amherst State: NY Sampling Point: UPL 1-A
 Investigator(s): Jody Grotz & Vanessa Buter Section, Township, Range: 76.06' 033
 Landform (hillside, terrace, etc.): Plain Local relief (concave, convex, none): none Slope %: 0
 Subregion (LRR or MLRA): LRRR, MLRA 104 Lat: 43.0477105 Long: -78.724168 Datum: NAD83
 Soil Map Unit Name: Raynham Silt Loam NWI classification: _____

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 _____ significantly disturbed? Are "Normal 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 locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No _____ Hydric Soil Present? Yes _____ No <input checked="" type="checkbox"/> Wetland Hydrology Present? Yes _____ No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes _____ No _____ If yes, optional Wetland Site ID: _____
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) _____ <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Aquatic Fauna (B13) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Marl Deposits (B15) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)	Secondary Indicators (minimum of two required) <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-Neutral Test (D5)
---	--

Field Observations: Surface Water Present? Yes _____ No _____ Depth (inches): _____ Water Table Present? Yes _____ No _____ Depth (inches): _____ Saturation Present? Yes _____ No _____ Depth (inches): _____ (includes capillary fringe)	Wetland Hydrology Present? Yes _____ No <input checked="" type="checkbox"/>
---	--

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

Remarks:

VEGETATION : Use scientific names of plants.

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>ROBINIA PSEUDOACCACIA</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>
2. <u>PYRUS COMMUNIS</u>	<u>15</u>	<u>Y</u>	<u>NI</u>
3. <u>COTONEASTER GUS-GALLI</u>	<u>10</u>	<u>Y</u>	<u>FAC</u>
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____

45 = Total Cover

Sapling/Shrub Stratum (Plot size: <u>15'</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>RUBUS ALLEGHENIENSIS</u>	<u>5</u>	<u>N</u>	<u>FACU</u>
2. <u>RUBUS IDAEUS</u>	<u>10</u>	<u>Y</u>	<u>↓</u>
3. <u>COENUS ANOMUM</u>	<u>10</u>	<u>Y</u>	<u>FACW</u>
4. <u>COENUS FRUTICOSA</u>	<u>5</u>	<u>N</u>	<u>FAC</u>
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____

30 = Total Cover

Herb Stratum (Plot size: <u>5'</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>BEIN CANADENSE</u>	<u>5</u>	<u>N</u>	<u>FACU</u>
2. <u>FRAGARIA VIRGINIANA</u>	<u>10</u>	<u>N</u>	<u>↓</u>
3. <u>POLYGONUM VIRGINIANUM</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>
4. <u>SYMPHYOTAILUM lateriflorum</u>	<u>15</u>	<u>Y</u>	<u>↓</u>
5. <u>SOLIDAGO RUPESTRIS</u>	<u>10</u>	<u>N</u>	<u>↓</u>
6. <u>RUBUS IDAEUS</u>	<u>10</u>	<u>N</u>	<u>FACU</u>
7. <u>SOLIDAGO CANADENSIS</u>	<u>10</u>	<u>N</u>	<u>↓</u>
8. <u>TOXICODENDRON FRONTALIS</u>	<u>20</u>	<u>Y</u>	<u>FAC</u>
9. <u>XYALIS SORGOIDA</u>	<u>3</u>	<u>N</u>	<u>FACU</u>
10. _____	_____	_____	_____
11. _____	_____	_____	_____
12. _____	_____	_____	_____

98 = Total Cover

Woody Vine Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>VITIS ASTIVANA</u>	<u>10</u>	<u>Y</u>	<u>FACU</u>
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____

10 = 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: 9 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 55 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>0</u>	x 1 = <u>0</u>
FACW species <u>10</u>	x 2 = <u>20</u>
FAC species <u>75</u>	x 3 = <u>225</u>
FACU species <u>83</u>	x 4 = <u>332</u>
UPL species <u>0</u>	x 5 = <u>0</u>
Column Totals: <u>168</u> (A)	<u>577</u> (B)
Prevalence Index = B/A = <u>3.43</u>	

Hydrophytic Vegetation Indicators:

- 1 - Rapid Test for Hydrophytic Vegetation
- 2 - Dominance Test is >50%
- 3 - Prevalence Index is < 3.0¹
- 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
- Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators 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 SHRUBLAND

Hydrophytic Vegetation Present? Yes X No _____

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

Photo # _____ Direction of Photo _____

ALMOST ALL FAC DOMINANTS

Prevalence Index 3.43!

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 75 Funderdome City/County: Amherst / Erie Sampling Date: 6/12/15
 Applicant/Owner: Town of Amherst State: NY Sampling Point: UPL 2-A
 Investigator(s): Jody Celeste & Vanessa Bokor Section, Township, Range: 26.06-Y-33
 Landform (hillside, terrace, etc.): Plain Local relief (concave, convex, none): none Slope %: 0
 Subregion (LRR or MLRA): LRRA, MLRA 101 Lat: 43.047542 Long: -78.93577 Datum: NAD83
 Soil Map Unit Name: Raynham Silt Loam NWI classification: _____

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 _____ significantly disturbed? Are "Normal 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 locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No _____	Is the Sampled Area within a Wetland? Yes _____ No _____ If yes, optional Wetland Site ID: _____
Hydric Soil Present? Yes _____ No <input checked="" type="checkbox"/>	
Wetland Hydrology Present? Yes _____ No <input checked="" type="checkbox"/>	

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

HYDROLOGY

Wetland Hydrology Indicators:		<u>Secondary Indicators (minimum of two required)</u>
<u>Primary Indicators (minimum of one is required; check all that apply)</u>		_____ Surface Soil Cracks (B6)
_____ Surface Water (A1)	_____ Water-Stained Leaves (B9)	_____ Drainage Patterns (B10)
_____ High Water Table (A2)	_____ Aquatic Fauna (B13)	_____ Moss Trim Lines (B16)
_____ Saturation (A3)	_____ Marl Deposits (B15)	_____ Dry-Season Water Table (C2)
_____ Water Marks (B1)	_____ Hydrogen Sulfide Odor (C1)	_____ Crayfish Burrows (C8)
_____ Sediment Deposits (B2)	_____ Oxidized Rhizospheres on Living Roots (C3)	_____ 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)

Field Observations:				Wetland Hydrology Present? Yes _____ No <input checked="" type="checkbox"/>
Surface Water Present?	Yes _____ No _____	Depth (inches):	_____	
Water Table Present?	Yes _____ No _____	Depth (inches):	_____	
Saturation Present?	Yes _____ No _____	Depth (inches):	_____	

(includes capillary fringe)

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

Remarks:

VEGETATION : Use scientific names of plants.

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>FRAXINUS PENNSYLVANICA</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>
2. <u>JUGLANS NIGRA</u>	<u>15</u>	<u>Y</u>	<u>FACW</u>
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
<u>45</u> = Total Cover			

Sapling/Shrub Stratum (Plot size: 15')	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>JUGLANS NIGRA</u>	<u>5</u>	<u>Y</u>	<u>FACW</u>
2. <u>FRAXINUS PENNSYLVANICA</u>	<u>5</u>	<u>Y</u>	<u>FACW</u>
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
<u>10</u> = Total Cover			

Herb Stratum (Plot size: 5')	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>SOLIDAGO RIGIDA</u>	<u>25</u>	<u>Y</u>	<u>FAC</u>
2. <u>" CANADENSIS</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>
3. <u>VITIS AESTIVALIS</u>	<u>10</u>	<u>N</u>	<u>↓</u>
4. <u>Aceras palustre</u>	<u>5</u>	<u>N</u>	<u>FACW</u>
5. <u>Poa pratensis</u>	<u>10</u>	<u>N</u>	<u>FACW</u>
6. <u>Symplocos racemosa lateriflora</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>
7. <u>Polygonum virginianum</u>	<u>5</u>	<u>N</u>	<u>↓</u>
8. <u>Toxicodendron radicans</u>	<u>5</u>	<u>N</u>	<u>↓</u>
9. _____	_____	_____	_____
10. _____	_____	_____	_____
11. _____	_____	_____	_____
12. _____	_____	_____	_____
<u>95</u> = Total Cover			

Woody Vine Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>VITIS AESTIVALIS</u>	<u>10</u>	<u>Y</u>	<u>FACW</u>
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
<u>10</u> = 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: 7 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 57 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>0</u>	x 1 = <u>0</u>
FACW species <u>40</u>	x 2 = <u>80</u>
FAC species <u>50</u>	x 3 = <u>150</u>
FACU species <u>70</u>	x 4 = <u>280</u>
UPL species <u>0</u>	x 5 = <u>0</u>
Column Totals: <u>160</u> (A)	<u>510</u> (B)

Prevalence Index = B/A = 3.18

Hydrophytic Vegetation Indicators:

- 1 - Rapid Test for Hydrophytic Vegetation
- 2 - Dominance Test is >50%
- 3 - Prevalence Index is < 3.0¹
- 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
- Problematic Hydrophytic Vegetation¹ (Explain)

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 SHROUBLAND

Hydrophytic Vegetation Present? Yes No

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

Photo # _____ Direction of Photo _____

SAPLINGS
MOSTLY FAC
PREVALENCE INDEX > 3!

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 75 Tupelo Lane City/County: Amherst/Erie Sampling Date: 9/12/25
 Applicant/Owner: Town of Amherst State: NY Sampling Point: Wet 2-A
 Investigator(s): Jody Olesic & Vanessa Baker Section, Township, Range: 26.06-4-33
 Landform (hillside, terrace, etc.): Depressional Local relief (concave, convex, none): CONCAVE Slope %: 1
 Subregion (LRR or MLRA): LRR R, MLRA 106 Lat: 43.047579 Long: -79.823932 Datum: NAD83
 Soil Map Unit Name: Raynham Silt Loam NWI classification: PSS

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 significantly disturbed? Are "Normal 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 locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, optional Wetland Site ID: _____
Hydric Soil Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Wetland Hydrology Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

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

HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) <input type="checkbox"/> Surface Water (A1) <input checked="" type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Aquatic Fauna (B13) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Marl Deposits (B15) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)	Secondary Indicators (minimum of two required) <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-Neutral Test (D5)
---	---

Field Observations: Surface Water Present? Yes <input type="checkbox"/> No <input type="checkbox"/> Depth (inches): _____ Water Table Present? Yes <input type="checkbox"/> No <input type="checkbox"/> Depth (inches): _____ Saturation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>0</u> (includes capillary fringe)	Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
---	---

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

Remarks:

VEGETATION : Use scientific names of plants.

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Quercus bicolor</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>
2. <u>Quercus palustris</u>	<u>10</u>	<u>Y</u>	<u>↓</u>
3. <u>FRAXINUS PENNSYLVANICA</u>	<u>15</u>	<u>Y</u>	<u>↓</u>
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____

45 = Total Cover

Sapling/Shrub Stratum (Plot size: <u>15'</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>FRAXINUS PENNSYLVANICA</u>	<u>15</u>	<u>Y</u>	<u>FACW</u>
2. <u>CORNUS AMOMUM</u>	<u>10</u>	<u>Y</u>	<u>↓</u>
3. <u>Quercus palustris</u>	<u>5</u>	<u>N</u>	<u>↓</u>
4. <u>CORNUS FLORIDA</u>	<u>5</u>	<u>N</u>	<u>FAC</u>
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____

30 = Total Cover

Herb Stratum (Plot size: <u>5'</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>DRACOPIS AEGILOIDES</u>	<u>15</u>	<u>Y</u>	<u>FACW</u>
2. <u>SOLIDAGO RUGIFOLIA</u>	<u>20</u>	<u>Y</u>	<u>FAC</u>
3. <u>" CANADENSIS</u>	<u>5</u>	<u>N</u>	<u>FACU</u>
4. <u>Symphytum lateriflorum</u>	<u>10</u>	<u>N</u>	<u>FAC</u>
5. <u>CORNUS AMOMUM</u>	<u>5</u>	<u>N</u>	<u>FACW</u>
6. <u>GLYNERIA STRIATA</u>	<u>10</u>	<u>N</u>	<u>OBL</u>
7. <u>FRAXINUS PENNSYLVANICA</u>	<u>15</u>	<u>Y</u>	<u>FACW</u>
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____
11. _____	_____	_____	_____
12. _____	_____	_____	_____

90 = Total Cover

Woody Vine Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>NA</u>	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____

0 = Total Cover

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 8 (A)

Total Number of Dominant Species Across All Strata: 8 (B)

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

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>10</u>	x 1 = <u>10</u>
FACW species <u>105</u>	x 2 = <u>210</u>
FAC species <u>35</u>	x 3 = <u>105</u>
FACU species <u>5</u>	x 4 = <u>20</u>
UPL species <u>0</u>	x 5 = <u>0</u>
Column Totals: <u>155</u> (A)	<u>345</u> (B)

Prevalence Index = B/A = 2.22

Hydrophytic Vegetation Indicators:

- 1 - Rapid Test for Hydrophytic Vegetation
- 2 - Dominance Test is >50%
- 3 - Prevalence Index is < 3.0¹
- 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
- Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators 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: PSS Scrub/Shrubs Swamp

Hydrophytic Vegetation Present? Yes No

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

Photo # _____ Direction of Photo _____

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 75 Tyndelo Lane City/County: Amherst/Essex Sampling Date: 6/12/25
 Applicant/Owner: Town of Amherst State: NY Sampling Point: UPC 3-19
 Investigator(s): Jody Celest & Vanessa Bisker Section, Township, Range: 26.06-9-33
 Landform (hillside, terrace, etc.): Plains Local relief (concave, convex, none): None Slope %: 0
 Subregion (LRR or MLRA): LRR R, MLRA 101 Lat: 43.046842 Long: -78.723932 Datum: NAD83
 Soil Map Unit Name: Raynham Silt Loam NWI classification: _____

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 _____ significantly disturbed? Are "Normal 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 locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes _____ No <input checked="" type="checkbox"/> Hydric Soil Present? Yes _____ No <input checked="" type="checkbox"/> Wetland Hydrology Present? Yes _____ No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes _____ No _____ If yes, optional Wetland Site ID: _____
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators: <u>Primary Indicators (minimum of one is required; check all that apply)</u> _____ Surface Water (A1) _____ Water-Stained Leaves (B9) _____ High Water Table (A2) _____ Aquatic Fauna (B13) _____ Saturation (A3) _____ Marl Deposits (B15) _____ Water Marks (B1) _____ Hydrogen Sulfide Odor (C1) _____ Sediment Deposits (B2) _____ Oxidized Rhizospheres on Living Roots (C3) _____ Drift Deposits (B3) _____ Presence of Reduced Iron (C4) _____ Algal Mat or Crust (B4) _____ Recent Iron Reduction in Tilled Soils (C6) _____ Iron Deposits (B5) _____ Thin Muck Surface (C7) _____ Inundation Visible on Aerial Imagery (B7) _____ Other (Explain in Remarks) _____ Sparsely Vegetated Concave Surface (B8)	<u>Secondary Indicators (minimum of two required)</u> _____ 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 _____ Depth (inches): _____ Water Table Present? Yes _____ No _____ Depth (inches): _____ Saturation Present? Yes _____ No _____ Depth (inches): _____ (includes capillary fringe)	Wetland Hydrology Present? Yes _____ No <input checked="" type="checkbox"/>
---	--

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

Remarks:

VEGETATION: Use scientific names of plants.

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. <i>FRAXINUS PENNSYLVANICA</i>	50	Y	FACW
2. <i>JUGLANS NIGRA</i>	10	N	FACW
3.			
4.			
5.			
6.			
7.			
60 = Total Cover			
Sapling/Shrub Stratum (Plot size: 15')	Absolute % Cover	Dominant Species?	Indicator Status
1. <i>FRAXINUS PENNSYLVANICA</i>	5	Y	FACW
2. <i>ROSA MULTIFLORA</i>	5	Y	FACW
3.			
4.			
5.			
6.			
7.			
10 = Total Cover			
Herb Stratum (Plot size: 5')	Absolute % Cover	Dominant Species?	Indicator Status
1. <i>SOLIDAGO CANADENSIS</i>	50	Y	FACW
2. <i>" RIBOSA</i>	10	N	FAC
3. <i>EUTHAMIA ALAMINIFOLIA</i>	5	N	↓
4. <i>ALLIARIA PETIOLATA</i>	5	N	FACW
5. <i>VITIS ARSTIVALIS</i>	10	N	FACW
6. <i>BEVIN MERRILLIAN</i>	10	N	FAC
7. <i>POLYGONUM VIRGINIANUM</i>	5	N	↓
8.			
9.			
10.			
11.			
12.			
95 = Total Cover			
Woody Vine Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. <i>VITIS ARSTIVALIS</i>	10	Y	FACW
2.			
3.			
4.			
10 = Total Cover			

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 5 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 60 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>0</u>	x 1 = <u>0</u>
FACW species <u>55</u>	x 2 = <u>110</u>
FAC species <u>30</u>	x 3 = <u>90</u>
FACU species <u>90</u>	x 4 = <u>360</u>
UPL species <u>0</u>	x 5 = <u>0</u>
Column Totals: <u>175</u> (A)	<u>560</u> (B)
Prevalence Index = B/A = <u>3.20</u>	

Hydrophytic Vegetation Indicators:

- 1 - Rapid Test for Hydrophytic Vegetation
- 2 - Dominance Test is >50%
- 3 - Prevalence Index is < 3.0¹
- 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
- Problematic Hydrophytic Vegetation¹ (Explain)

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: SUCCESSORIAL SHRUBLAND

Hydrophytic Vegetation Present? Yes No

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

Photo # _____ Direction of Photo _____

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 75 Tupelo Lane City/County: Amherst / Erie Sampling Date: 11/12/25
 Applicant/Owner: Town of Amherst State: NY Sampling Point: Wet 3-A
 Investigator(s): Jody Celeste & Vanessa Parker Section, Township, Range: 26.06-7-33
 Landform (hillside, terrace, etc.): Depressional Local relief (concave, convex, none): CONCAVE Slope %: 1
 Subregion (LRR or MLRA): LRR B, MLRA 10 Lat: 43.041623 Long: -78.823635 Datum: NAD83
 Soil Map Unit Name: Raynham Silt Loam NWI classification: PEM

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 significantly disturbed? Are "Normal 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 locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, optional Wetland Site ID: _____
Hydric Soil Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

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

HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) <input type="checkbox"/> Surface Water (A1) <input checked="" type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Aquatic Fauna (B13) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Marl Deposits (B15) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Other (Explain in Remarks) <input checked="" type="checkbox"/> Sparsely Vegetated Concave Surface (B8)	Secondary Indicators (minimum of two required) <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-Neutral Test (D5)
---	--

Field Observations: Surface Water Present? Yes <input type="checkbox"/> No <input type="checkbox"/> Depth (inches): _____ Water Table Present? Yes <input type="checkbox"/> No <input type="checkbox"/> Depth (inches): _____ Saturation Present? Yes <input type="checkbox"/> No <input type="checkbox"/> Depth (inches): _____ (includes capillary fringe)	Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
---	---

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

Remarks:

VEGETATION : Use scientific names of plants.

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. <i>Quercus palustris</i>	10	Y	FACW
2.			
3.			
4.			
5.			
6.			
7.			

10 = Total Cover

Sapling/Shrub Stratum (Plot size: 15')	Absolute % Cover	Dominant Species?	Indicator Status
1. <i>SALIX DISCOLOR</i>	15	Y	FACW
2. <i>Quercus palustris</i>	25	Y	↓
3.			
4.			
5.			
6.			
7.			

40 = Total Cover

Herb Stratum (Plot size: 5')	Absolute % Cover	Dominant Species?	Indicator Status
1. <i>APOCYNUM CANADENSE</i>	10	N	FAC
2. <i>CAREX SUPARUA</i>	20	Y	FACW
3. <i>JUNCUS EFFRUSUS</i>	5	N	OBL
4. <i>GLYCERIA STRIATA</i>	15	Y	↓
5. <i>FRAXINUS PENNSYLVANICA</i>	15	Y	FACW
6. <i>Symphotrichum lateriflorum</i>	10	N	FAC
7. <i>JUNCUS CANADENSIS</i>	10	N	OBL
8. <i>Quercus palustris</i>	5	N	FACW
9.			
10.			
11.			
12.			

90 = Total Cover

Woody Vine Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. NA			
2.			
3.			
4.			

0 = Total Cover

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 6 (A)

Total Number of Dominant Species Across All Strata: 6 (B)

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

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>30</u>	x 1 = <u>30</u>
FACW species <u>90</u>	x 2 = <u>180</u>
FAC species <u>20</u>	x 3 = <u>60</u>
FACU species <u>0</u>	x 4 = <u>0</u>
UPL species <u>0</u>	x 5 = <u>0</u>
Column Totals: <u>140</u> (A)	<u>270</u> (B)

Prevalence Index = B/A = 1.92

- Hydrophytic Vegetation Indicators:**
- 1 - Rapid Test for Hydrophytic Vegetation
 - 2 - Dominance Test is >50%
 - 3 - Prevalence Index is < 3.0¹
 - 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
 - Problematic Hydrophytic Vegetation¹ (Explain)

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.

W3 PEM SHALLOW EMERGENT MARSH

Community Type: _____

Hydrophytic Vegetation Present? Yes No

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

Photo # _____ Direction of Photo _____

APPENDIX C

Photo Log



Wetland and Stream Delineation Photos – 75 Tupelo Lane

Tupelo Lane, Town of Amherst, NY - August 12, 2025



UPV-1



Wetland 1



UPL2-A



UPL2-A



Wetland and Stream Delineation Photos – 75 Tupelo Lane

Tupelo Lane, Town of Amherst, NY - August 12, 2025



Wetland 3



UPL1-A

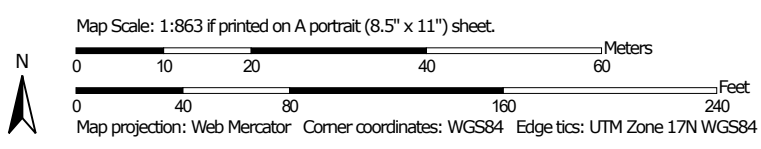
APPENDIX D

Hydric Soil Map

Hydric Rating by Map Unit—Erie County, New York
(75 Lupelo Lane)




Soil Map may not be valid at this scale.









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 9, 2022—Aug 15, 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.

Hydric Rating by Map Unit

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Lc	Lamson very fine sandy loam	90	0.1	8.2%
RaA	Raynham silt loam, 0 to 3 percent slopes	5	1.2	91.8%
Totals for Area of Interest			1.3	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