



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW ENGLAND DISTRICT
NEW ENGLAND DISTRICT OFFICE
696 VIRGINIA ROAD
CONCORD MASSACHUSETTS 01742

October 31, 2025

Regulatory Division
New England District
Connecticut & Rhode Island Section
NAE-2025-00068 (PJD-ANW)

William Pieniadz
Rand-Whitney Realty, LLC & 349 Maple Ave, LLC
P.O. Box 164
Uncasville, CT 06382
Via Email: bill@pandhconstruction.com

Dear Mr. Pieniadz:

This letter is in response to your request to the New England District for a preliminary jurisdictional determination (PJD). The project/review area is located on the North side of Maple Avenue, at Latitude 41.452830 and Longitude -72.138480; in Uncasville, Southeastern Connecticut Planning Region County, Connecticut. The review area for this determination is limited to an approximately 0.2 acre(s) area, which is illustrated on the enclosed site maps. This project has been assigned the file number NAE-2025-00068 (Rand Whitney Stormwater and Parking Design). This file number should be referenced in all correspondence concerning this project.

Based on our review of the information you furnished and other information available to our office, we have preliminarily determined the above-referenced area does not contain waters of the United States (U.S.) under the U.S. Army Corps of Engineers (USACE) regulatory jurisdiction. These waters are identified in the enclosed site maps, "Existing Conditions" dated December 16, 2024, and include the inland wetland/waterway produced by stormwater runoff that does not have a continuous surface connection to a Traditional Navigable Water. This determination was made in accordance with USACE regulatory authority pursuant to Section 404 of the Clean Water Act, and based upon criteria contained in the 1987 Corps of Engineers Wetland Delineation Manual and the Northcentral and Northeast Regional Supplement.

Section 404 of the Clean Water Act requires a Department of the Army (DA) permit be obtained prior to the discharge of dredged or fill material into waters of the U.S., including wetlands. Section 10 of the Rivers and Harbors Act of 1899 requires a DA permit be obtained for any work in, on, over or under navigable waters of the U.S.

This preliminary determination is not an appealable action under the Regulatory Program Administrative Appeal Process (reference 33 CFR Part 331). However, you may request an approved jurisdictional determination, which is an appealable action, by

contacting the USACE district for further instructions. Please **sign and return** the attached PJD form within 30 days of receipt. If a signed PJD form is not received within 30 days of the date of this letter, USACE will presume concurrence.

This determination has been conducted to identify the limits of USACE Clean Water Act jurisdiction for the review area identified in this request. The determination may not be valid for the wetland conservation provisions of the Food Security Act of 1985. If you or your tenant are USDA Program participants, or anticipate participation in USDA programs, you should request a certified wetland determination from the local office of the Natural Resources Conservation Service, prior to starting work.

You are cautioned that work performed in areas that may be waters of the U.S., as indicated in the PJD, without a Department of the Army permit could subject you to enforcement action.

If you have any questions concerning this correspondence, please contact Andrea Williams, Project Manager, CT/RI Section of the New England District Office at (978)318-8494, by mail at the above address, or by email at andrea.n.williams@usace.army.mil. Please take a moment to complete our customer satisfaction survey located at <https://regulatory.ops.usace.army.mil/customer-service-survey/>.

Sincerely,



Kelly Egan
CT/RI Section Chief
Regulatory Division

Enclosures

cc: Robert Russo, CLA Engineers (via brusso@claengineers.com)

- 1) The Corps of Engineers believes that there may be jurisdictional aquatic resources in the review area, and the requestor of this PJD is hereby advised of his or her option to request and obtain an approved JD (AJD) for that review area based on an informed decision after having discussed the various types of JDs and their characteristics and circumstances when they may be appropriate.
- 2) In any circumstance where a permit applicant obtains an individual permit, or a Nationwide General Permit (NWP) or other general permit verification requiring "preconstruction notification" (PCN), or requests verification for a non-reporting NWP or other general permit, and the permit applicant has not requested an AJD for the activity, the permit applicant is hereby made aware that: (1) the permit applicant has selected to seek a permit authorization based on a PJD or no JD whatsoever, which do not make an official determination of jurisdictional aquatic resources; (2) the applicant has the option to request an AJD before accepting the terms and conditions of the permit authorization, and that basing a permit authorization on an AJD could possibly result in less compensatory mitigation being required or different special conditions; (3) the applicant has the right to request an individual permit rather than accepting the terms and conditions of the NWP or other general permit authorization; (4) the applicant can accept a permit authorization and thereby agree to comply with all the terms and conditions of that permit, including whatever mitigation requirements the USACE has determined to be necessary; (5) undertaking any activity in reliance upon the subject permit authorization without requesting an AJD constitutes the applicant's acceptance of the use of the PJD or reliance on no JD whatsoever; (6) accepting a permit authorization (e.g., signing a proffered individual permit) or undertaking any activity in reliance on any form of USACE permit authorization based on a PJD or no JD whatsoever constitutes agreement that all aquatic resources in the review area affected in any way by that activity will be treated as jurisdictional, and waives any challenge to such jurisdiction in any administrative or judicial compliance or enforcement action, or in any administrative appeal or in any Federal court; and (7) whether the applicant elects to use either an AJD or a PJD, the JD will be processed as soon as practicable. Further, an AJD, a proffered individual permit (and all terms and conditions contained therein), or individual permit denial can be administratively appealed pursuant to 33 C.F.R. Part 331. If, during an administrative appeal, it becomes appropriate to make an official determination whether geographic jurisdiction exists over aquatic resources in the review area, or to provide an official delineation of jurisdictional aquatic resources in the review area, the USACE will provide an AJD to accomplish that result, as soon as is practicable. This PJD finds that there "may be" waters of the U.S. and/or that there "may be" navigable waters of the U.S. on the subject review area, and identifies all aquatic features in the review area that could be affected by the proposed activity, based on the following information:

F. SUPPORTING DATA. Data reviewed for PJD (*check all that apply*)

Checked items should be included in subject file. Appropriately reference sources below where indicated for all checked items:

- Maps, plans, plots or plat submitted by or on behalf of the PJD requestor:

Map: "Existing Conditions" dated 12/16/2024

- Data sheets prepared/submitted by or on behalf of the PJD requestor.

- Office concurs with data sheets/delineation report.

- Office does not concur with data sheets/delineation report.

Rationale: _____

- Data sheets prepared by the USACE:

- Corps navigable waters' study:

- U.S. Geological Survey Hydrologic Atlas:

- USGS NHD data.

- USGS 8 and 12 digit HUC maps.

- U.S. Geological Survey map(s). Cite scale & quad name:

NAE-2025-00068 NHD dated 9/11/2025

- USDA Natural Resources Conservation Service Soil Survey.

Citation: NAE-2025-00068 Soils Map dated 10/30/2025

- National Wetlands Inventory map(s).

Cite Name: NAE-2025-00068 NWI dated 9/11/2025

- State/Local Wetland Inventory map(s):

NAE-2025-00068 Soils Inland Wetland dated 10/30/2025

- FEMA/FIRM maps:

NAE-2025-00068 FEMA Map dated 10/30/2025

Photographs: Aerial (*Name & Date*): _____

or Other (*Name & Date*): 7767F Rand Whitney Photo Log for ACOE Determination

Previous determination(s). File no. and date of response letter:
N/A

Other information (*please specify*):

IMPORTANT NOTE: The information recorded on this form has not necessarily been verified by the USACE and should not be relied upon for later jurisdictional determinations.

Name of Regulatory Staff Member Completing PJD Andrea Williams	Date 10/30/2025	Signature of Regulatory Staff Member Completing PJD <i>Andrea Williams</i>
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Name of Person Requesting PJD	Date	Signature of Person Requesting PJD (<i>REQUIRED, unless obtaining the Signature is Impracticable</i>)
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¹ Districts may establish timeframes for requester to return signed PJD forms. If the requester does not respond within the established time frame, the district may presume concurrence and no additional follow up is necessary prior to finalizing an action.

U.S. Army Corps of Engineers (USACE)
NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS
AND REQUEST FOR APPEAL

Form Approved –
OMB No. 0710-0003
Expires 2027-10-31

For use of this form, see Section 404 of the Clean Water Act, Section 10 of the Rivers and Harbors Act of 1899, and Section 103 of the Marine Protection, Research, and Sanctuaries Act; the proponent agency is CECW-COR.

DATA REQUIRED BY THE PRIVACY ACT OF 1974

Authority The authorities for requesting this information are Sections 9, 10, 13, and 14, Rivers and Harbors Act of March 3, 1899; Section 404, Clean Water Act; and Section 103 Marine Protection Research and Sanctuaries Act of 1972.

Principal Purpose This information serves as notification to affected parties regarding the USACE administrative appeal options and process, as well as to facilitate requests for appeal of USACE decisions with which they disagree.

Routine Uses Routine uses will include: (a) To serve as notification to affected parties of the Corps administrative appeal options and process and to facilitate requests for appeal of Corps decisions with which they disagree. (b) Records may be referred to the Department of Justice for possible criminal prosecution. (c) Records may be referred to other Federal, State, and local agencies for evaluation and enforcement purposes.

Disclosure Disclosure of this information is voluntary on your part. However, failure of individual to provide requested information could result in inability to determine all pertinent information regarding a Department of the Army permit matter.

The Agency Disclosure Notice (ADN)

The Public reporting burden for this collection of information, 0710-0003, is estimated to average 1 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

PURPOSE: This form is used to facilitate the initiation of the administrative appeals process. The appeals process allows an affected party to pursue an administrative appeal of certain Corps of Engineers decisions with which they disagree.

Upon release, this form will also be available on the Corps website <https://www.usace.army.mil/Missions/Civil-Works/Regulatory-Program-and-Permits/>

Applicant: William Pieniadz		File Number: NAE-2025-00068	Date: 10/31/2025
Documents Attached (<i>select all that apply</i>):			Form Reference Section:
<input type="checkbox"/>	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)		A
<input type="checkbox"/>	PROFFERED PERMIT (Standard Permit or Letter of permission)		B
<input type="checkbox"/>	PERMIT DENIAL WITHOUT PREJUDICE		C
<input type="checkbox"/>	PERMIT DENIAL WITH PREJUDICE		D
<input type="checkbox"/>	APPROVED JURISDICTIONAL DETERMINATION		E
<input checked="" type="checkbox"/>	PRELIMINARY JURISDICTIONAL DETERMINATION		F

SECTION I

The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at <https://www.usace.army.mil/Missions/Civil-Works/Regulatory-Program-and-Permits/appeals/> or Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

C. PERMIT DENIAL WITHOUT PREJUDICE: Not appealable

You received a permit denial without prejudice because a required Federal, state, and/or local authorization and/or certification has been denied for activities which also require a Department of the Army permit before final action has been taken on the Army permit application. The permit denial without prejudice is not appealable. There is no prejudice to the right of the applicant to reinstate processing of the Army permit application if subsequent approval is received from the appropriate Federal, state, and/or local agency on a previously denied authorization and/or certification.

D: PERMIT DENIAL WITH PREJUDICE: You may appeal the permit denial

You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

E: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information for reconsideration

- **ACCEPT:** You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice means that you accept the approved JD in its entirety and waive all rights to appeal the approved JD.
- **APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.
- **RECONSIDERATION:** You may request that the district engineer reconsider the approved JD by submitting new information or data to the district engineer within 60 days of the date of this notice. The district will determine whether the information submitted qualifies as new information or data that justifies reconsideration of the approved JD. A reconsideration request does not initiate the appeal process. You may submit a request for appeal to the division engineer to preserve your appeal rights while the district is determining whether the submitted information qualifies for a reconsideration.

F: PRELIMINARY JURISDICTIONAL DETERMINATION: Not appealable

You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also, you may provide new information for further consideration by the Corps to reevaluate the JD.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION:

If you have questions regarding this decision you may contact:	If you have questions regarding the appeal process, or to submit your request for appeal, you may contact:
Name: Andrea Williams	Name: Andrew Dangler, Regulatory Appeals Review Officer
Street Address, City, State: 696 Virginia Road Concord, Massachusetts 01742-02751	Street Address, City, State: 301 John Warren Avenue – First Floor Brooklyn, New York 11252-6700
Phone: (978)318-8494	Phone: (518)487-0215
Email: andrea.n.williams@usace.army.mil	Email: andrew.c.dangler@usace.army.mil

SECTION II – REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. Use additional pages as necessary. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15-day notice of any site investigation and will have the opportunity to participate in all site investigations.

Email address of appellant and/or agent

Bill@PANDHConstruction.com

Telephone number

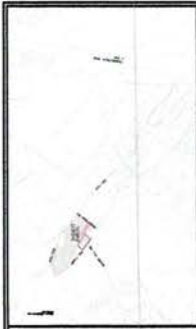
860-608-9890

Signature of appellant or agent

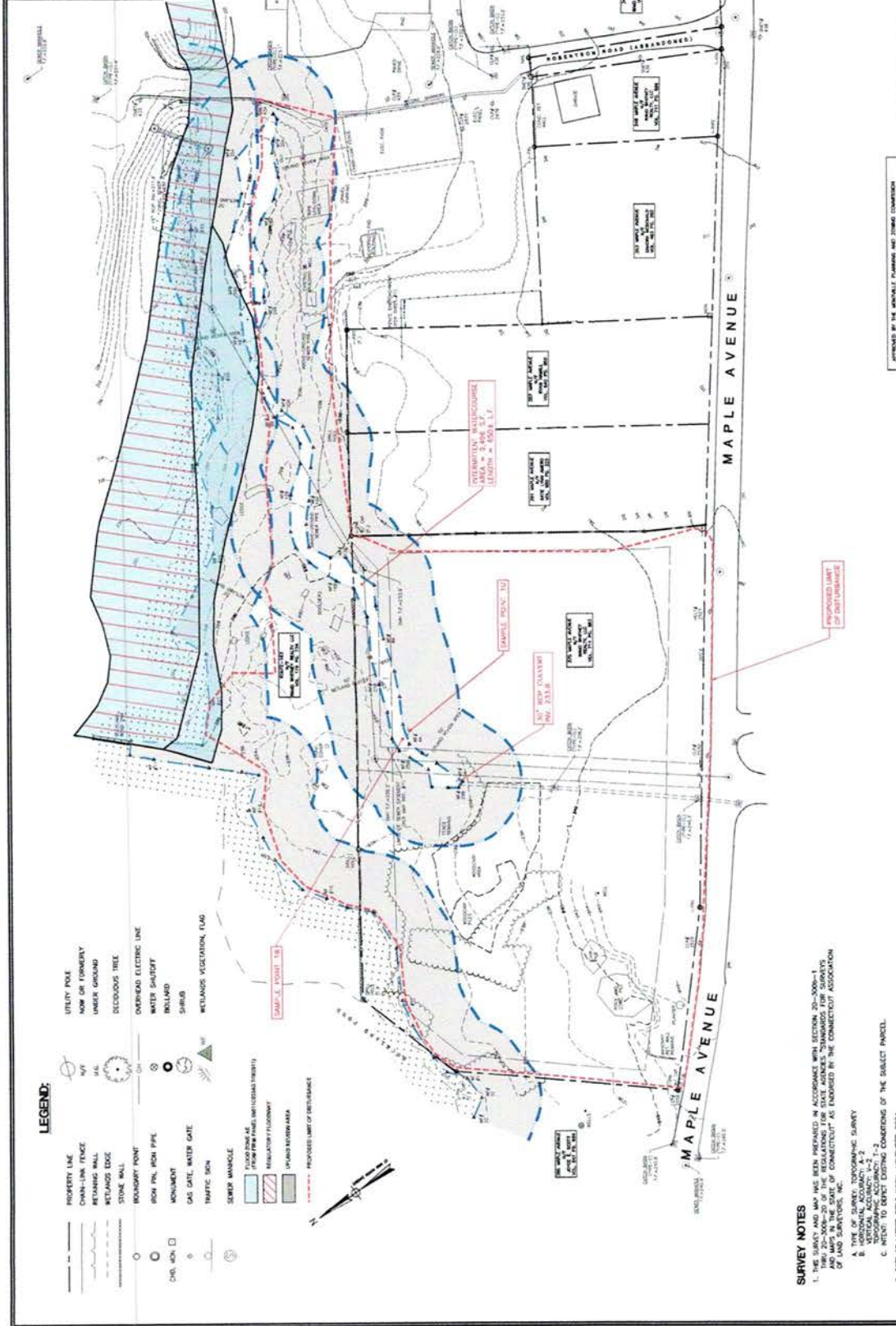
William J. Leming

Date

11/28/2025



LOCATION MAP
(NOT TO SCALE)



CLA Engineers, Inc.
Civil, Structural & Surveying
31 Main Street, Montville, CT 06363
(860) 339-3400 Fax: (860) 339-0100

Project No. CL-17759
Drawing No. 17759-01
Date: 11/20/2024

TOWN OF MONTVILLE, CT, 06363
PREPARED FOR
RAND-WHITNEY REALTY, LLC
EXISTING CONDITIONS

Scale: 1"=40'

APPROVED BY THE APPLICANT PLANNING AND ZONING COMMISSION

FINAL APPROVAL: _____ DATE: _____
 OWNER'S SIGNATURE: _____
 DATE OF APPOINTMENT: _____
 CONTRACT NO.: _____

TO MY KNOWLEDGE AND BELIEF THIS PLAN IS SUBSTANTIALLY CORRECT AS NOTED OR DETEILED HEREON.

RON J. CHEBIB, LLC 17759-01

I HAVE REVIEWED THE WETLANDS ON THE PROPERTY IN THE FIELD AND HAVE SUBSTANTIALLY REPRESENT THE WETLANDS AS DETAILATED IN THE FIELD.

R.C. BARNETT
ROBERT C. BARNETT
CERTIFIED SOIL SCIENTIST

- SURVEY NOTES**
1. THE SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTION 17-200b(1) AND 17-200b(2) OF THE CONN. GEN. STAT. AND THE REGULATIONS OF THE DEPARTMENT OF CONSERVATION AND LAND SERVICES, INC.
 2. DATE OF LATEST FIELD WORK: NOVEMBER 2024
 3. HORIZONTAL ORIENTATION IS CT NAD 83 BASED ON FIELD GPS OBSERVATIONS
 4. VERTICAL DATUM IS NAVD83, BASED ON FIELD GPS OBSERVATIONS
 5. THIS SURVEY WAS CONDUCTED BY THE PROFESSIONAL GEOMETER OF THE LAND SURVEYOR TO THE BEST OF THEIR KNOWLEDGE, INFORMATION AND BELIEF.
 6. THE PLAN COMBINES BOUNDARY AND LOCATION DATA FROM SHEET 1 WITH ADDITIONAL FIELD LOCATIONS CONDUCTED BY CLA ENGINEERS, AS LISTED.
 7. CONTOUR DATA DEPICTED IS A MESH OF 2018 LIDAR DATA (OUTSIDE LIMITS) AND LOCAL FIELD OBSERVATIONS WHICH WERE RECORDED BY CLA (INSIDE LIMITS).
 8. FOR MORE DETAILED BOUNDARY DATA AND INFORMATION SEE SHEET 1.
 9. A PRINT OR IMPRINT OF THIS MAP IS NOT VALID UNLESS IT CONTAINS THE SEAL AND SIGNATURE OF THE SURVEYOR.

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Rand Whitney City/County: Montville / New London County Sampling Date: 6/16/25
 Applicant/Owner: CLA Engineers Inc. State: CT Sampling Point: 1W
 Investigator(s): Robert Russo, Kyle Lynch Section, Township, Range: Montville
 Landform (hillslope, terrace, etc.): Glaciofluvial deposit Local relief (concave, convex, none): None Slope (%): 0-3
 Subregion (LRR or MLRA): 144A Lat: 41.453 Long: -72.139 Datum: WGS84
 Soil Map Unit Name: Merrimac NWI classification: NA

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"/> Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 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 checked="" type="checkbox"/> Surface Water (A1) <input checked="" type="checkbox"/> Water-Stained Leaves (B9) <input checked="" 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 checked="" type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) <input checked="" 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 checked="" 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 checked="" type="checkbox"/> Drainage Patterns (B10) <input checked="" type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input checked="" type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input checked="" type="checkbox"/> Microtopographic Relief (D4) <input checked="" type="checkbox"/> FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>0 in</u> Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): <u>220 in</u> Saturation Present? (includes capillary fringe) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>14 inch</u>	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: <u>Surface is saturated due to culvert outflow</u>	

VEGETATION – Use scientific names of plants.

Sampling Point: 1W

Tree Stratum (Plot size: <u>30 x</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>15A</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Rubus phoenicolasius</u>	<u>5</u>	_____	<u>FACW</u>	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				
Herb Stratum (Plot size: <u>5 ft</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Impatiens capensis</u>	<u>20</u>	<input checked="" type="checkbox"/>	<u>FACW</u>	
2. <u>Alliaria petiolata</u>	<u>10</u>	_____	<u>FACU</u>	
3. <u>Labellia cardinalis</u>	<u>1</u>	_____	<u>FACW</u>	
4. <u>Artemisia vulgaris</u>	<u>3</u>	_____	<u>UPL</u>	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
_____ = Total Cover				
Woody Vine Stratum (Plot size: <u>30 ft</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

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

Percent of Dominant Species That Are OBL, FACW, or FAC: 2 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>0</u>	x 1 = <u>0</u>
FACW species <u>2</u>	x 2 = <u>4</u>
FAC species <u>0</u>	x 3 = <u>0</u>
FACU species <u>1</u>	x 4 = <u>4</u>
UPL species <u>1</u>	x 5 = <u>5</u>
Column Totals: <u>4</u> (A)	<u>13</u> (B)

Prevalence Index = B/A = 3.25

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 or equal to 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.

Hydrophytic Vegetation Present? Yes No

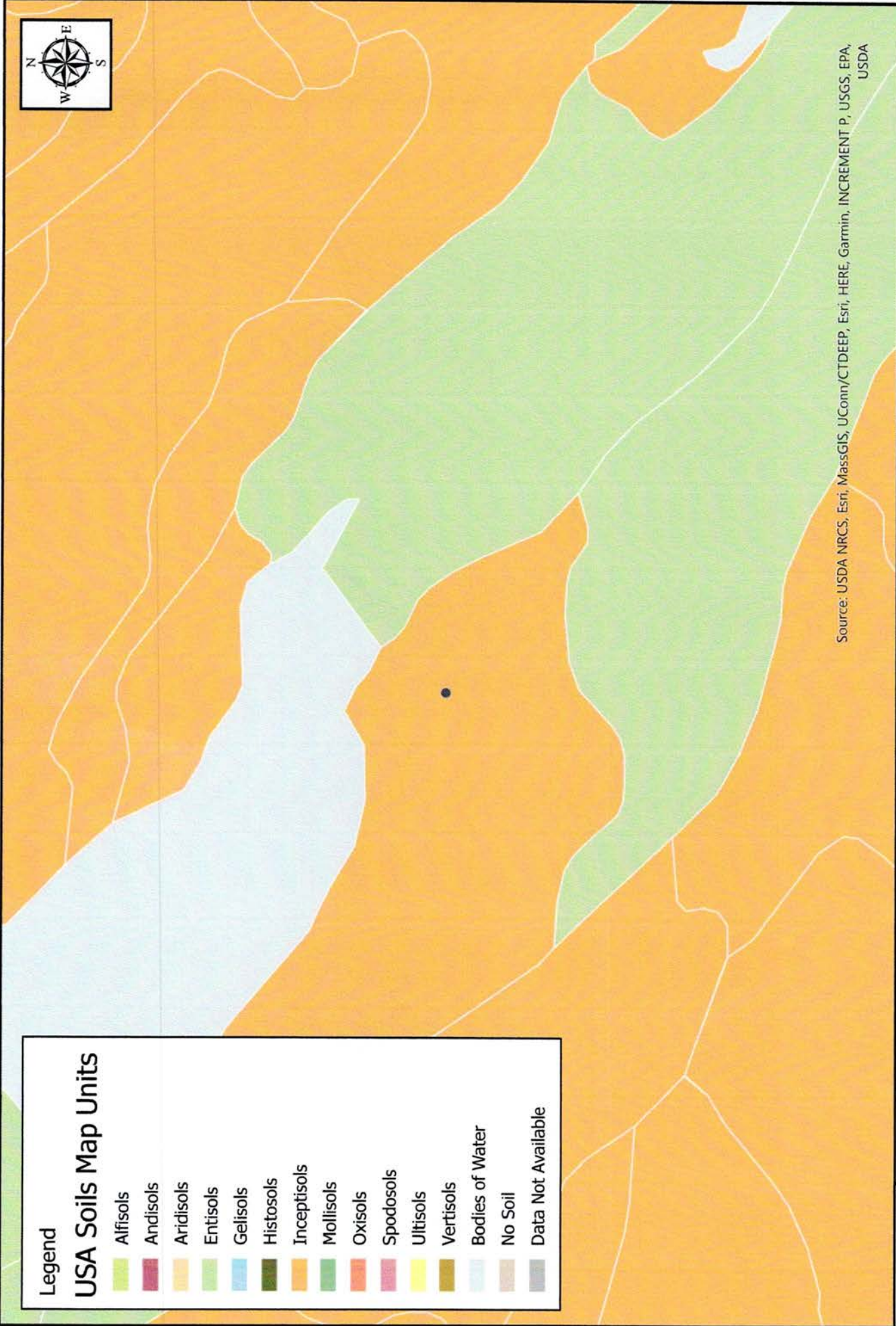
Remarks: (Include photo numbers here or on a separate sheet.)



Legend

USA Soils Map Units

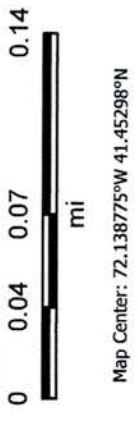
- Alfisols
- Andisols
- Aridisols
- Entisols
- Gelisols
- Histosols
- Inceptisols
- Mollisols
- Oxisols
- Spodosols
- Ultisols
- Vertisols
- Bodies of Water
- No Soil
- Data Not Available



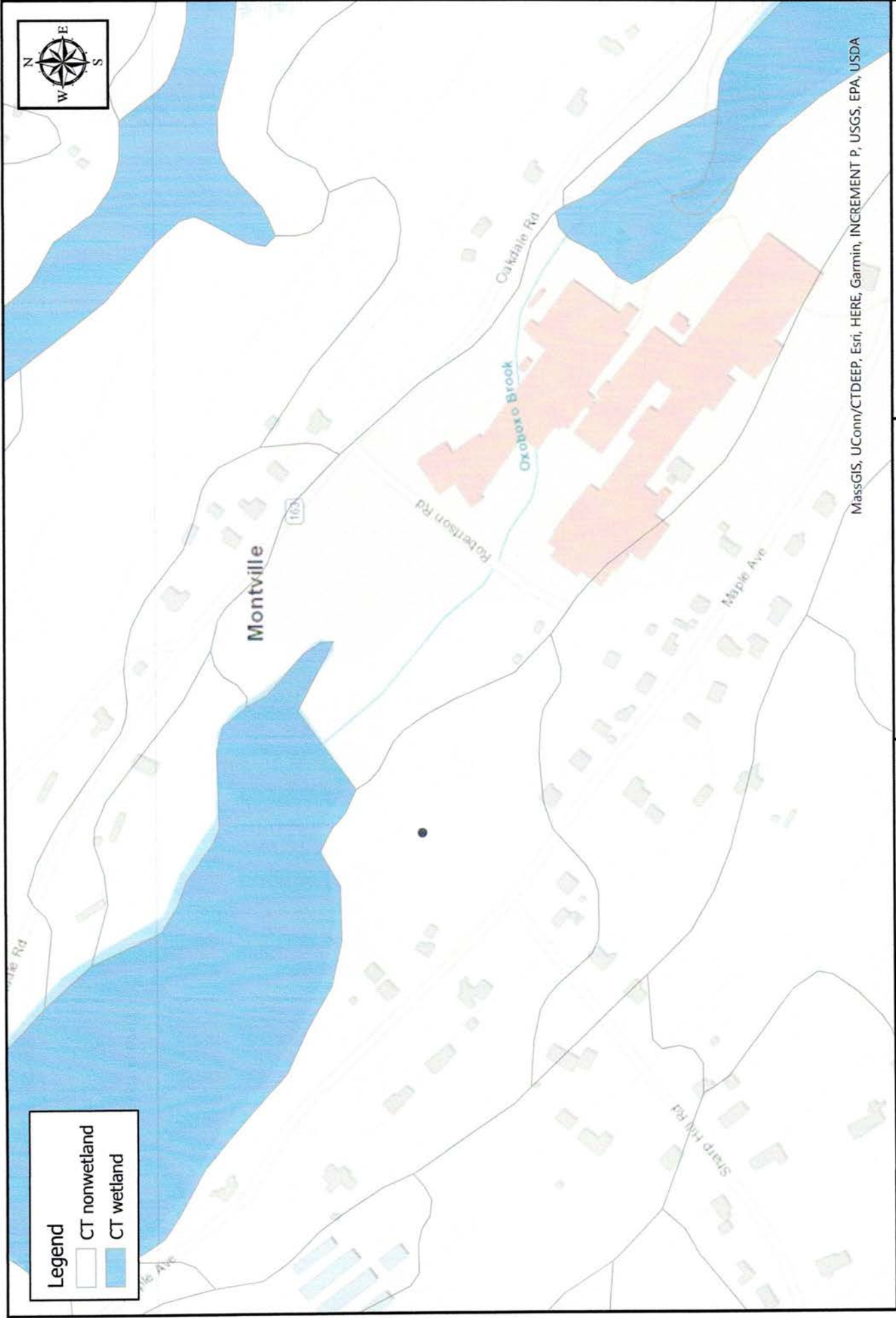
Source: USDA NRCS, Esri, MassGIS, UConn/CTDEEP, Esri, HERE, Garmin, INCREMENT P, USGS, EPA, USDA



NAE-2025-00068 Soils Map



Map Created by: PM NAME
Date: 10/30/2025
Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere



NAE-2025-00068 Soils Inland Wetland

0 0.04 0.07 0.14
mi
Map Center: 72.137557°W 41.452831°N

Map Created by: PM NAME
Date: 10/30/2025
Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere

MassGIS, UConn/CTDEEP, Esri, HERE, Garmin, INCREMENT P, USGS, EPA, USDA

Legend
 CT nonwetland
 CT wetland





OAKDALE RD

S

LIMIT OF STUDY

225.6

Zone AE

Zone AE

PANEL
0901100334G
eff. 7/18/2011

206.6

2134

R

BERTSON RD

OAKDALE BRIDGE

MAPLE AVE

SHARP HILL RD

MassGIS, UConn/CTDEEP, Esri, HERE, Garmin, INCREMENT P, USGS, EPA, USDA

Legend

FEMA Flood Hazard Layer

Zone Type

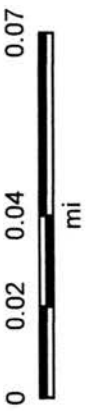
- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- 0.2% Annual Chance Flood Hazard

Line Type

- Limit Lines
- SFHA / Flood Zone Boundary
- Cross-Sections
- FIRM Panels



NAE-2025-00068 FEMA Map



Map Center: 72.139°W 41.453°N

Map Created by: PM NAME

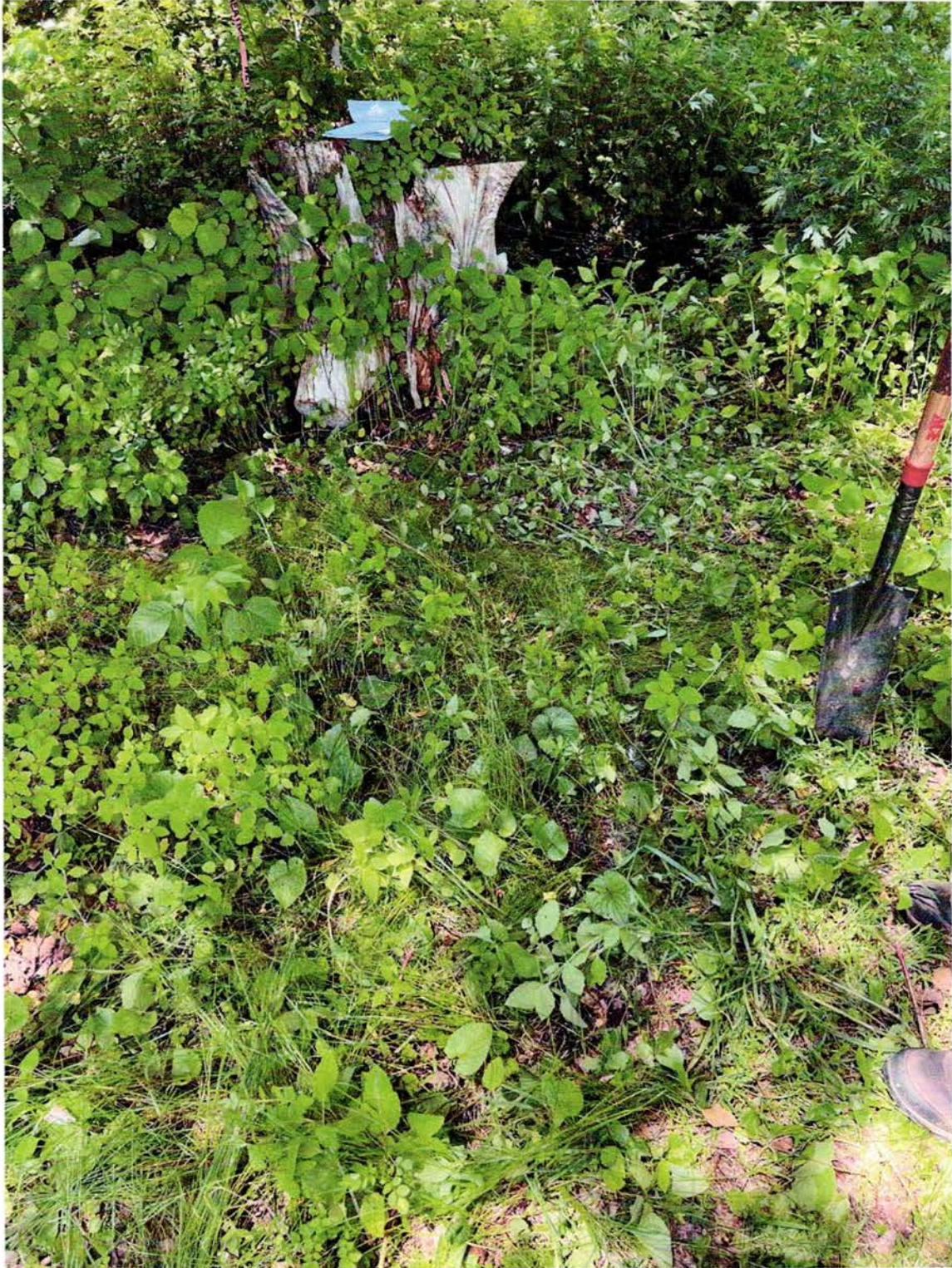
Date: 10/30/2025

Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere

7767F Rand Whitney Photo Log for ACOE Determination



Photograph 1 – Wetland at transect location



Photograph 2 – Upland at transect location



Photograph 3 – Wetland at 36-inch culvert outfall



Photograph 4 – Surface erosion/shallow channel downstream (taken looking upstream toward transect location)