

Property within 500' of adjoining Town boundary? \_\_\_\_\_  
If so, which town(s)? \_\_\_\_\_  
Date the notice was sent by KIWWC to town clerk of adjoining municipality(ies) \_\_\_\_\_  
Receipt date of copy of Applicants notice to adjoining municipality \_\_\_\_\_

Application #: \_\_\_\_\_  
Date Submitted: \_\_\_\_\_  
Date of Receipt by Comm.: \_\_\_\_\_  
Fee: \_\_\_\_\_  
Staff Initials: \_\_\_\_\_

**KILLINGLY INLAND WETLANDS & WATERCOURSES COMMISSION APPLICATION**

A \$100.00 base fee (or, for a proposed subdivision, \$100.00 per lot, whichever is greater) **plus** \$60.00 state fee must accompany each application (**Total fee: \$160.00**). **THIS FEE IS NON-REFUNDABLE**. Checks or money orders should be made payable to the Town of Killingly. **Public hearing fee: \$225.00** required in addition to the above fees if a public hearing is required by the commission(s) and not already included.

**TO BE COMPLETED BY THE APPLICANT – PLEASE PRINT**

Applicant's Name: LEWIS & TINA MERCHANT  
Day Phone #: 860-753-0214 Evening Phone #: ~~SA~~ SAME  
Mailing Address: 18 KANT STREET, KILLINGLY 06239  
Owner of Record: SAME  
Mailing Address: \_\_\_\_\_ Phone #: \_\_\_\_\_

Applicant's interest in the land if the applicant is not the property owner: \_\_\_\_\_

Authorization of property owner: \_\_\_\_\_

**LOCATION OF PROPERTY:**

House # and Street: 18 KANT STREET  
Tax Map Number: 200 Block: N/A Lot: 129  
Zoning District: MD Lot Size: 0.717 AC Lot Frontage: 250'  
Easements and/or deed restrictions: NONE

**PURPOSE:**

Provide the purpose and description of the proposed activity, including a list of all proposed regulated activities:

Propose to fill 2,830 S.F. OF WETLANDS TO CREATE YARD AREA, CONSTRUCT A GARAGE & INSTALL A POOL. ENTIRE YARD IS WITHIN THE 200' UPLAND REVIEW

**ON-SITE WETLANDS AND WATERCOURSES:**

Windham County wetland soil types and areas of each type: PER SOIL SCIENTIST DELINEATION (ATTACHED), WETLANDS ARE PALUSTRINE SCRUB-SHRUB FORMED FROM PROLONGED WETNESS. SOIL SURVEY CALLS FOR WOODBRIDGE SOILS

Watercourse(s) – type (pond, stream, marsh, bog, drainage ditch, etc.), manmade or natural, and area of each:

**ALTERNATIVES:**

List alternatives considered by the applicant and state why the proposal to alter wetlands as set forth in the application is necessary and was chosen:

PROPERTY SIZE IS ONLY ABOUT .7 ACRES & THERE ARE NOT ANY ALTERNATIVES TO DEVELOP THE PROPERTY AS DESIRED.

**MATERIALS:**

Provide the volume (cubic yard) and nature of materials to be deposited and/or extracted:

± 250 CUBIC YARDS OF CLEAN FILL TO CREATE USABLE YARD AREA

**MITIGATIVE MEASURES:**

List measures to be taken to minimize or avoid any adverse impact on the regulated area:

SILT FENCE & STRAW HAYBARRS

**BIOLOGICAL EVALUATION:**

Describe the ecological communities and functions of the wetlands or watercourses involved with the application and the effects of the proposed regulated activities on these communities and wetland functions:

LIMITED GROUNDWATER RECHARGE. AREA IS A LOW POINT WHICH IS UTILIZED AS A DISCHARGE LOCATION FOR DRAINAGE FROM A TOWN CATCH BASIN WHICH IS NOT MAINTAINED

**SITE PLAN\*:**

Scale 1"=40' showing existing and proposed conditions in relation to wetlands and water courses to include, but not be limited to:

- Contours
- Buildings
- Wells
- Driveways
- Septic Systems
- Drainage Systems (Including Culverts, Footing and Curtain Drains)
- Erosion and Sedimentation controls
- Wetlands
- Watercourses
- Areas of Excavation and /or Material Deposit

*\*Refer to Section 6.0 – Application Information Requirements and Section 7.0 – Application Evaluation Criteria of the Killingly Inland Wetlands & Watercourses Commission Regulations for information the Commission may require. Professionally prepared plans (Licensed Land Surveyor/Professional Engineer registered in the State of Connecticut, Soil Scientist) may be required for significant activities.*

**ADDITIONAL INFORMATION:**

List additional information submitted by the applicant:

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The applicant understands that this application is to be considered complete only when all information and documents required by the Commission have been submitted. The undersigned warrants the truth of all statements contained herein and in all supporting documents according to the best of his/her knowledge and belief. Permission is granted to the Town of Killingly, Killingly Inland Wetlands & Watercourses Commission, and its agent (s) to walk the land, at reasonable times, and perform those tests necessary to properly review the application, both before and after a final decision has been issued.

Applicant's Signature: *Lisa Merchant* Date: *01/30/2024*

Owner of Record: *Lisa Merchant* Date: *05/30/2024*





## Statewide Inland Wetlands & Watercourses Activity Reporting Form

Please complete this form in accordance with the instructions on pages 2 and 3 and mail to:

DEEP Land & Water Resources Division, Inland Wetlands Management Program, 79 Elm Street, 3<sup>rd</sup> Floor, Hartford, CT 06106

Incomplete or incomprehensible forms will be mailed back to the inland wetlands agency.

### PART I: Must Be Completed By The Inland Wetlands Agency

- DATE ACTION WAS TAKEN: year: \_\_\_\_\_ month: \_\_\_\_\_
- ACTION TAKEN (see instructions - one code only): \_\_\_\_\_
- WAS A PUBLIC HEARING HELD (check one)? yes  no
- NAME OF AGENCY OFFICIAL VERIFYING AND COMPLETING THIS FORM:  
(print name) \_\_\_\_\_ (signature) \_\_\_\_\_

### PART II: To Be Completed By The Inland Wetlands Agency Or The Applicant

- TOWN IN WHICH THE ACTIVITY IS OCCURRING (print name): Killingly  
does this project cross municipal boundaries (check one)? yes  no   
if yes, list the other town(s) in which the activity is occurring (print name(s)): \_\_\_\_\_
- LOCATION (see instructions for information): USGS quad name: Killingly or number: 44  
subregional drainage basin number: 3404
- NAME OF APPLICANT, VIOLATOR OR PETITIONER (print name): LEWIS & TINA MERCHANT
- NAME & ADDRESS OF ACTIVITY / PROJECT SITE (print information): 18 KENT STREET, KILLINGLY  
briefly describe the action/project/activity (check and print information): temporary  permanent  description: FILLING WETLANDS TO EXPAND USE OF RESIDENTIAL PROPERTY
- ACTIVITY PURPOSE CODE (see instructions - one code only): A
- ACTIVITY TYPE CODE(S) (see instructions for codes): 1, 2, 12
- WETLAND / WATERCOURSE AREA ALTERED (see instructions for explanation, must provide acres or linear feet):  
wetlands: 0.064 acres open water body: \_\_\_\_\_ acres stream: \_\_\_\_\_ linear feet
- UPLAND AREA ALTERED (must provide acres): 0.17 acres
- AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (must provide acres): 0 acres

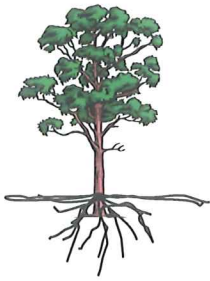
DATE RECEIVED:

### PART III: To Be Completed By The DEEP

DATE RETURNED TO DEEP:

FORM COMPLETED: YES NO

FORM CORRECTED / COMPLETED: YES NO



## JOSEPH R. THEROUX

~ CERTIFIED FORESTER/ SOIL SCIENTIST ~  
PHONE 860-428-7992 ~ FAX 860-376-6842  
426 SHETUCKET TURNPIKE, VOLUNTOWN, CT. 06384  
FORESTRY SERVICES ~ ENVIRONMENTAL IMPACT ASSESSMENTS  
WETLAND DELINEATIONS AND PERMITTING ~ E&S/SITE MONITORING  
WETLAND FUNCTION AND VALUE ASSESSMENTS

5/10/23

KILLINGLY ENGINEERING ASSOCIATES  
P.O. Box 421  
DAYVILLE, CT. 06241

RE: WETLAND DELINEATION, 18 KENT STREET, KILLINGLY, CT.

DEAR MR. THIBEAULT,

AT YOUR REQUEST I HAVE DELINEATED THE INLAND WETLANDS ON THE SUBJECT PROPERTY.

THESE WETLANDS HAVE BEEN DELINEATED IN ACCORDANCE WITH THE STANDARDS OF THE NATIONAL COOPERATIVE SOIL SURVEY AND THE DEFINITIONS OF WETLANDS AS FOUND IN THE CONNECTICUT STATUTES, CHAPTER 440, SECTIONS 22A-38.

FLUORESCENT PINK FLAGS WITH A CORRESPONDING LOCATION NUMBER DELINEATE THE BOUNDARY BETWEEN THE UPLAND SOILS AND THE INLAND WETLANDS THAT WERE FOUND.

FLAG NUMBERS WF-1 THROUGH WF-10 DELINEATE THE SOUTHERN BOUNDARY OF A PALUSTRINE SCRUB-SHRUB WETLAND FOUND IN THE NORTHERN PORTION OF THE PROPERTY.

THESE WETLAND SOILS HAVE FORMED FROM THE PROLONGED WETNESS FROM THE SEASONALLY HIGH WATER TABLES.

THESE SOILS ARE CHARACTERIZED BY THICK ORGANIC "A" HORIZONS, SHALLOW REDOXIMORPHIC FEATURES AND LOW CHROMA COLORS FOUND WITHIN 20 INCHES OF THE SOIL SURFACE.

I INSPECTED THE REMAINDER OF THE PROPERTY AND FOUND NO OTHER INLAND WETLANDS OR WATERCOURSES.

IN CONCLUSION, IF YOU HAVE ANY QUESTIONS CONCERNING THE DELINEATION OR THIS REPORT, PLEASE FEEL FREE TO CONTACT ME.

THANK YOU,

*Joseph R. Theroux*

JOSEPH R. THEROUX  
CERTIFIED SOIL SCIENTIST  
MEMBER SSSSNE, NSCSS, SSSA.



Soil Map—State of Connecticut, Eastern Part  
(18 Kent Street)











































Soil Map may not be valid at this scale.

Map Scale: 1:485 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 19N WGS84

## MAP LEGEND

 Area of Interest (AOI)	 Spoil Area
 Soils	 Stony Spot
 Soil Map Unit Polygons	 Very Stony Spot
 Soil Map Unit Lines	 Wet Spot
 Soil Map Unit Points	 Other
 Special Point Features	 Special Line Features
 Blowout	 Water Features
 Borrow Pit	 Streams and Canals
 Clay Spot	 Transportation
 Closed Depression	 RAILS
 Gravel Pit	 Interstate Highways
 Gravelly Spot	 US Routes
 Landfill	 Major Roads
 Lava Flow	 Local Roads
 Marsh or swamp	 Background
 Mine or Quarry	 Aerial Photography
 Miscellaneous Water	
 Perennial Water	
 Rock Outcrop	
 Saline Spot	
 Sandy Spot	
 Severely Eroded Spot	
 Sinkhole	
 Slide or Slip	
 Sodic Spot	

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

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: State of Connecticut, Eastern Part  
Survey Area Data: Version 1, Sep 15, 2023

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

Date(s) aerial images were photographed: Jun 14, 2022—Jul 1, 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.

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
23A	Sudbury sandy loam, 0 to 5 percent slopes	0.0	4.7%
45B	Woodbridge fine sandy loam, 3 to 8 percent slopes	0.7	72.3%
46B	Woodbridge fine sandy loam, 0 to 8 percent slopes, very stony	0.2	23.0%
<b>Totals for Area of Interest</b>		<b>0.9</b>	<b>100.0%</b>