

24-15846

Killingly Engineering Associates

Civil Engineering & Surveying



P.O. Box 421 Killingly, CT 06241
Phone: 860-779-7299
www.killinglengineering.com

January 18, 2024

Proposed Additions

Christopher Fallon & Beth L. Fallon
23 Wauregan Road (Route 12)
Killingly, CT

RECEIVED

JAN 23 2024

PLANNING & ZONING DEPT.
TOWN OF KILLINGLY

APPLICATION PACKAGE CONTENTS – Inland Wetlands

1. Application fee:

\$100.00 (base fee)

\$ 60.00 (State fee)

\$160.00 Total Fee

2. 3- full sized sets of plans & 1- 11 x 17 reduction set– Dated: 5/11/2023
3. Inland Wetlands Application
4. List of adjacent land owners including across the street
5. DEEP Reporting Form
6. Web Soil Survey Map
7. Wetland Delineation Report
8. GIS mapping
9. Applicant's Certification
10. Watershed or Aquifer Notification Form

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 #: 24-1580/10
 Date Submitted: 1/23/24
 Date of Receipt by Comm.: _____
 Fee: 160 - CM 518 1/23/24
 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: Christopher Fallon
 Day Phone #: 401-374-9171 Evening Phone #: _____
 Mailing Address: 459 Summit Hill Road
 Owner of Record: Christopher Fallon & Beth L. Fallon
 Mailing Address: " " Phone #: " "

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 TOWN OF KILLINGLY

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

Authorization of property owner: _____

LOCATION OF PROPERTY:

House # and Street: 23 Wewregeen Road
 Tax Map Number: 217 Block: _____ Lot: 70
 Zoning District: Industrial Lot Size: 1.0± Acres Lot Frontage: 293.46'
 Easements and/or deed restrictions: 20' wide drainage easement in favor of the State of CT (see Vol. 116, Pg. 56)

PURPOSE:

Provide the purpose and description of the proposed activity, including a list of all proposed regulated activities:
Proposed garage addition, screen porch, and yoga studio.

ON-SITE WETLANDS AND WATERCOURSES:

Windham County wetland soil types and areas of each type: See attached DELINEATION

REPORT BY JOSEPH THIBOUX & WAB SOIL SURVEY

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

QUINABUNG RIVER & ALLUVIAL FLOOD PLAIN

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:

NO ALTERNATIVES CONSIDERED BECAUSE NO WETLANDS DISTURBANCE IS PROPOSED

MATERIALS:

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

± 75 CY OF EXCAVATION FOR INSTALLATION OF FOOTINGS & FROST WALLS

MITIGATIVE MEASURES:

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

SILT FENCE

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:

QUINABUNG RIVER PROVIDES HABITAT FOR VARIOUS FIN FISH, AQUATIC BIRDS & AMPHIBIANS. NO IMPACTS ARE ANTICIPATED

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:

See "Application Package Contents" Cover Sheet

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:

Date: 1/22/24

Owner of Record:

Same

Date: _____

LIST OF AJACENT LAND OWNERS as of 1/17/2024 GIS

Christopher Fallon & Beth L. Fallon
23 Wauregan Road (Route 12)
Killingly, CT

Job No. 20026

MAP/BLOCK/LOT
KILLINGLY

NAME

Map 200, Lot 186 STATE OF CONNECTICUT-101
450 CAPITOL AV MS#54FOR
HARTFORD, CT 06106

Map 217, Lot 53 JOHN L. LABOSSIERE
371 NO. CANTERBURY RD.
CANTERBURY, CT 06331

Map 217, Lot 55 DL PROPERTIES, LLC
7 OAK HILL ESTATES
WOODSTOCK, CT 06281

Map 217, Lot 69 TOWN OF KILLINGLY-051
172 MAIN ST.
KILLINGLY, CT 06239

BROOKLYN

Map 19, Block 46, Lot 81 DMP PALMER ASSOCIATES, LLC
9 OLD DERRY RD.
HUDSON, NH 03051

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, 3rd 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: Danielson or number: 43
subregional drainage basin number: _____
- NAME OF APPLICANT, VIOLATOR OR PETITIONER (print name): Christopher Fallon & Beth L Fallon
- NAME & ADDRESS OF ACTIVITY / PROJECT SITE (print information): 23 Wearegan Road
briefly describe the action/project/activity (check and print information): temporary permanent description: Proposed
addition for a garage, screen porch and studio
- ACTIVITY PURPOSE CODE (see instructions - one code only): A
- ACTIVITY TYPE CODE(S) (see instructions for codes): 1, 2, 12, 14
- WETLAND / WATERCOURSE AREA ALTERED (see instructions for explanation, must provide acres or linear feet):
wetlands: 0 acres open water body: 0 acres stream: 0 linear feet
- UPLAND AREA ALTERED (must provide acres): 0.1 acres
- AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (must provide acres): 0 acres

DATE RECEIVED:

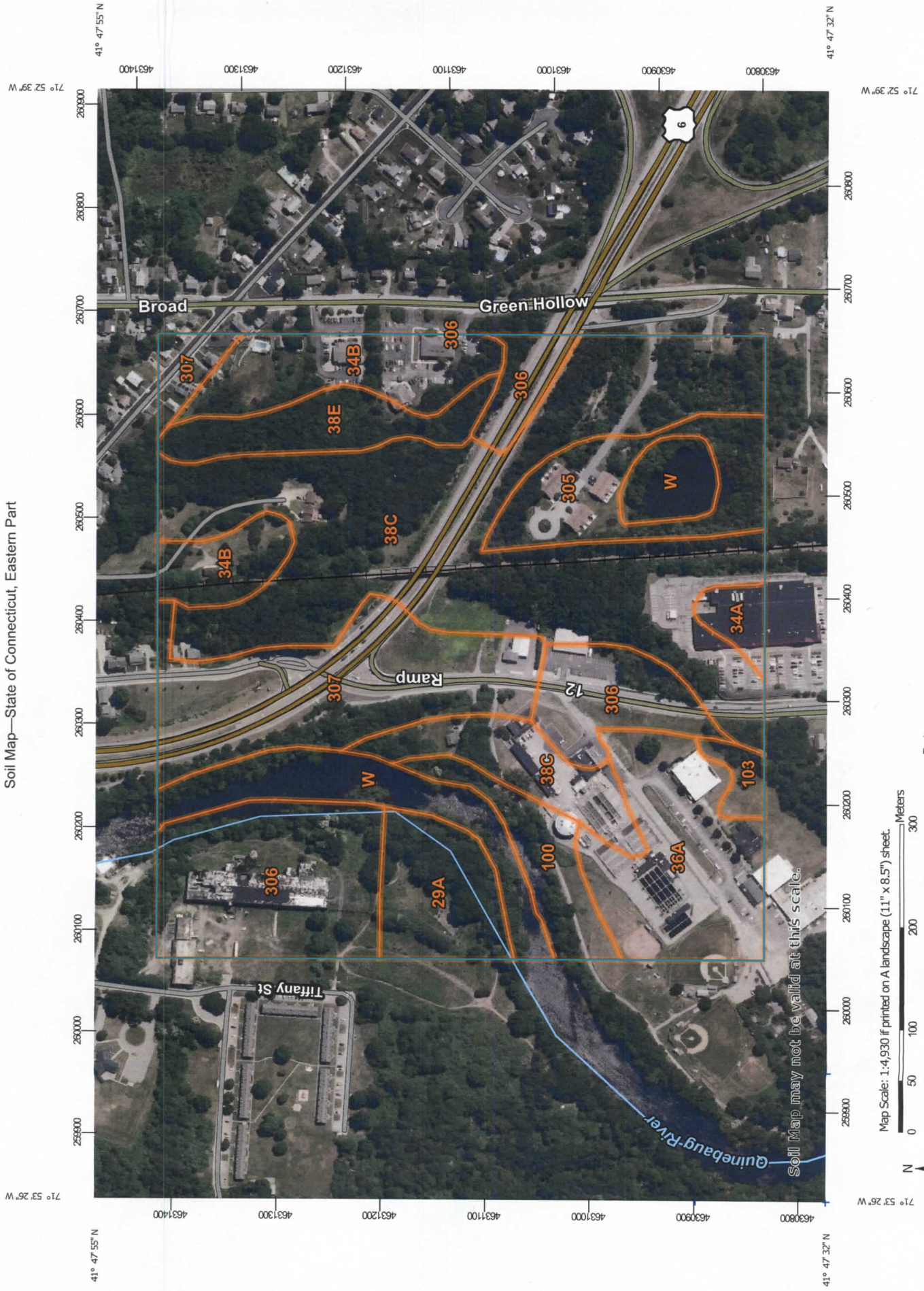
PART III: To Be Completed By The DEEP

DATE RETURNED TO DEEP:

FORM COMPLETED: YES NO

FORM CORRECTED / COMPLETED: YES NO

Soil Map—State of Connecticut, Eastern Part



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

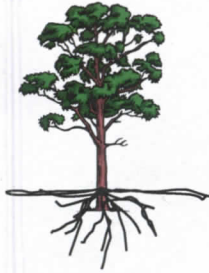
The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

MAP LEGEND

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

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
29A	Agawam fine sandy loam, 0 to 3 percent slopes	3.8	4.3%
34A	Merrimac fine sandy loam, 0 to 3 percent slopes	0.9	1.1%
34B	Merrimac fine sandy loam, 3 to 8 percent slopes	6.5	7.4%
36A	Windsor loamy sand, 0 to 3 percent slopes	7.3	8.4%
38C	Hinckley loamy sand, 3 to 15 percent slopes	28.0	32.0%
38E	Hinckley loamy sand, 15 to 45 percent slopes	3.4	3.9%
100	Suncook loamy fine sand	2.9	3.3%
103	Rippowam fine sandy loam	0.8	0.9%
305	Udorthents-Pits complex, gravelly	4.7	5.4%
306	Udorthents-Urban land complex	12.7	14.5%
307	Urban land	10.4	11.9%
W	Water	6.1	6.9%
Totals for Area of Interest		87.4	100.0%



JOSEPH R. THEROUX

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

1/10/2024

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

RE: WETLAND DELINEATION, 23 WAUREGAN RD. DANIELSON, CT.

DEAR MR. GLAUDE,

AT YOUR REQUEST I HAVE DELINEATED THE INLAND WETLANDS, WATERCOURSES AND ALLUVIAL/FLOODPLAIN SOILS ON THE ABOVE REFERENCED 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 AND WATERCOURSES THAT WERE FOUND.

FLAG NUMBERS WF-1 THROUGH WF-20 DELINEATE THE EASTERN HIGH WATER MARK OF THE QUINNEBAUG RIVER, IT'S ASSOCIATED ALLUVIAL & FLOODPLAIN SOILS AND A WATERCOURSE THAT FLOWS UNDER WAUREGAN ROAD INTO THE RIVER. THE WATERCOURSE WAS FLOWING ON THE DATE OF THE DELINEATION, (1/9/2024).

THESE WETLAND/FLOODPLAIN SOILS ARE CHARACTERIZED BY SHALLOW REDOXIMORPHIC FEATURES, LOW CHROMA COLORS WITHIN 20 INCHES OF THE SOIL SURFACE, AND IN SOME AREAS, BURIED ORGANIC "A" HORIZONS.

THE REMAINDER OF THE PARCEL WAS INSPECTED FOR THE PRESENCE OF INLAND WETLANDS AND WATERCOURSES AND NONE WERE FOUND.

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.



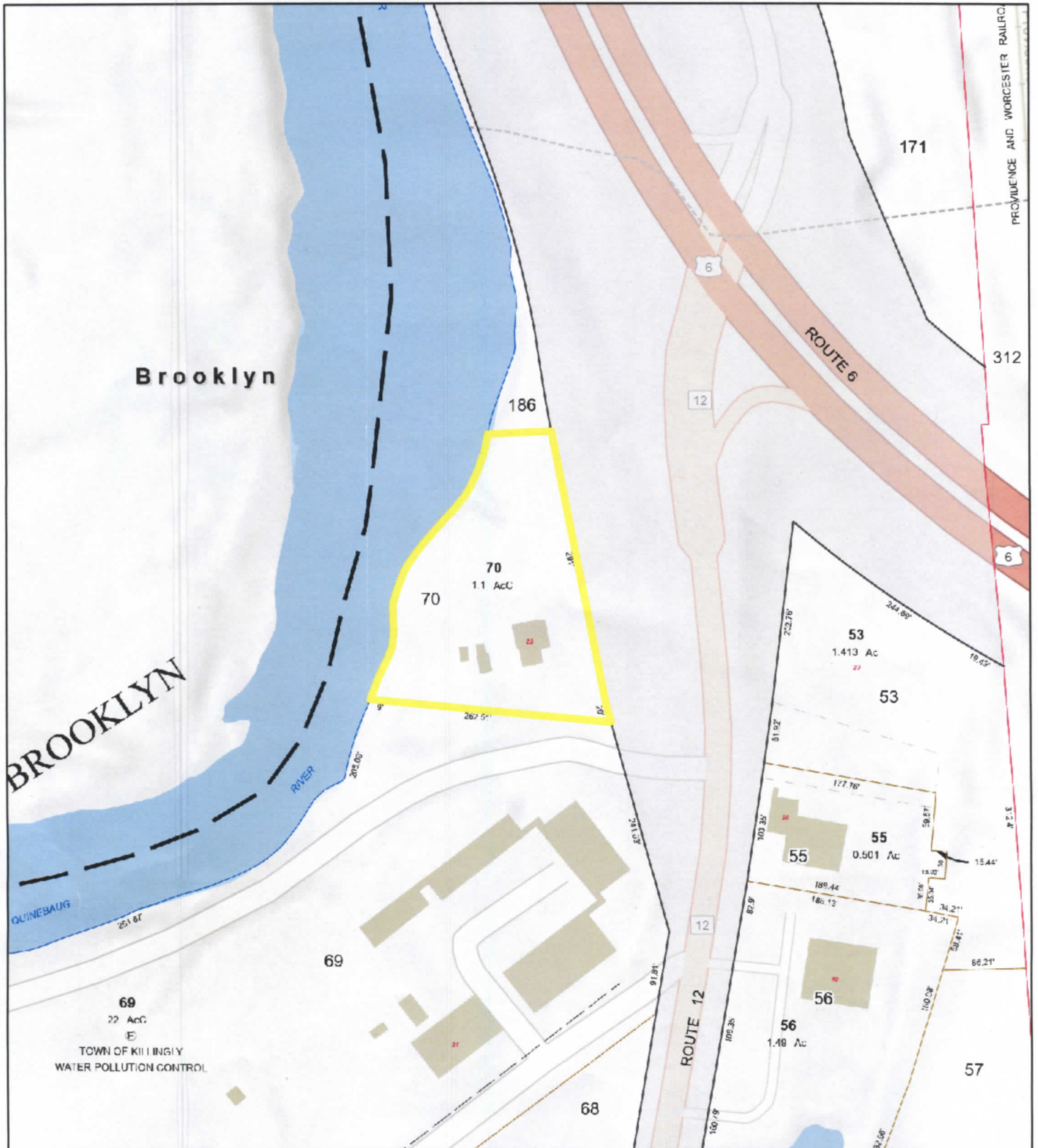
Town of Killingly, CT

1 inch = 141 Feet



www.cai-tech.com

January 17, 2024



Data shown on this map is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this map.



Killingly Engineering Associates

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January 18, 2024

Proposed Additions

***Christopher Fallon & Beth L. Fallon
23 Wauregan Road (Route 12)
Killingly, CT***

Per Section 7.10 of the Regulations for the Protection and Preservation of Inland Wetland and Watercourses
The applicant certifies that:

- a. The property on which the regulated activity is proposed is not located within 500 feet of the boundary of an adjoining municipality;
- b. Traffic attributable to the completed project on the site will not use streets within an adjoining municipality to enter or exit the site;
- c. Sewer or water drainage from the project site will not flow through and impact the sewage or drainage system within an adjoining municipality;
- d. Water run-off from the improved site will not impact streets or other municipal or private property within an adjoining municipality.

Applicant

Date

Watershed or Aquifer Area Project Notification Form

REQUIREMENT:

Within seven days of filing, all applicants before a municipal Zoning Commission, Planning and Zoning Commission, Zoning Board of Appeals or Inland Wetlands Commission for any project located within a public water supply aquifer or watershed area are required by Public Act No. 06-53 of the CT General Statutes to notify The Commissioner of Public Health and the project area Water Company of the proposed project by providing the following information.

To determine if your project falls within a public water supply aquifer or watershed area visit the appropriate town hall and look at their *Public Drinking Water Source Protection Areas* map. If your project falls completely within or contain any part of a public water supply aquifer or watershed you are required to complete the following information.

Note: You will need information obtained from the *Public Drinking Water Source Protection Areas* map located in the appropriate town hall to complete this form.

Step 1: Have you already notified the CT Department of Public Health (CTDPH) of this project?

No, Go to Step 2

Yes, I have notified DPH under a different project name - Complete steps 4-6

Yes, same name different year - Notification Year Complete steps 4-6

Step 2:

1. Name of public water supply aquifer your project lies within: Crystal Water Company

2. Name of the public water supply watershed your project lies within: Crystal Water Company

3. Public Water Supply Identification number (PWSID) for the water utility: CT 069001

Step 3: For 1-5 Check all that apply

1. My project is proposing:

Industrial use; Commercial use; Agricultural use; Residential use;

Recreational use; Transportation improvements; Institutional (school, hospital, nursing home, etc.);

Quarry/Mining; Zone Change, Please Describe: _____

Other, Please describe: _____

2. The total acreage of my project is:

Less than or equal to 5 acres Greater than 5 acres

3. My project site contains, abuts or is within 50 feet of a:

Wetland; Stream; River; Pond or Lake

4. Existing use of my project site is:

- Grassland/meadow; Forested; Agricultural; Transportation; Institutional (school, hospital, nursing home, etc.); Residential; Commercial; Industrial; Recreational; Quarry/Mining
 Other Please Describe: _____

5. My project will utilize:

- septic system; existing public sewer; new public sewer; agricultural waste facility;
 existing private well; new private well; existing public water supply;
 new public water supply, if new have you applied for a certificate of public convenience and necessity from DPH? Yes No

6. My project will contain this percentage of built up area (buildings, parking, road/driveway, pool): Less than or equal to 20% Greater than 20% to 50% Greater than 50%

Step: 4 Applicants Contact Information:

Name: Christopher Fallon
 E-mail address: _____
 Telephone: 401-374-9171
 Fax number: _____

Step 5: Please provide the following if available:

Project name: Fallon
 Project site address: 23 Wauvegan Road
 Town: Killingly
 Project site nearest intersection: 250' - ROUTE 12 & ROUTE 6
 Project site latitude and longitude: 41°47'44" N 71°53'06" W


E-mail completed form to dph.swpmail@ct.gov

Aquifer Area Notification form

Normand Thibeault <nthibeault@killinglyea.com>

Thu 1/18/2024 3:10 PM

To: dph.swmpmail@ct.gov <dph.swmpmail@ct.gov>

 1 attachments (709 KB)

Aquifer Notification.pdf;

To whom it may concern - please find attached notification form for activity in a public aquifer area.
Proposal is to put an addition on an existing single-family home

Normand Thibeault, Jr., P.E.

Killingly Engineering Associates



860-779-7299 - Office

860-315-0824 - Cell