INLAND WETLANDS
COMMISSION
Telephone (203) 563-0180
Fax (203) 563-0284

TOWN HALL
238 Danbury Road
Wilton, Connecticut 06897

APPLICATION FOR A SIGNIFICANT REGULATED ACTIVITY

For Office Use Only:

Filing Fee $_____

Date of Submission _____

Date of Acceptance_____

WET#_____

Wilton Land Record Map#_____

Volume #_____ Page #_____

Assessor's Map #_____ Lot#_____

APPLICANT INFORMATION:

Applicant ELIZABETH A. ALICEA

Address 104 OLD MILL RD
WILTON CT 06897

Telephone _____

Email BETTYALICEA@AOL.COM

Agent (if applicable) _____

Address _____

_____

Telephone _____

Email _____

PROJECT INFORMATION:

Property Address 104 OLD MILL RD

Acres of altered Wetlands On-Site Ø

Linear Feet of Watercourse 175'

Linear Feet of Open Water 20'

Sq. Ft. of proposed and/or altered impervious coverage Ø

Site Acreage 1.01 +/-

Cu. Yds. of Material Excavated 90

Cu. Yds. of Material to be Deposited 102 + 90 = 192

Acres of altered upland buffer 0,14

Sq. Ft. of disturbed land in regulated area 6,184

APPLICATION REQUIREMENTS:

Is The Site Within a Public Water Supply Watershed Boundary? NO X YES* _____

Is The Site Within 500 Feet of a Town Boundary? NO _____ YES* X

* If the answer is yes, then the applicant is responsible for notifying the appropriate water authority and/or adjoining community's Wetlands Department. Instructions for notification are available at the office of the commission.

Project Description and Purpose: EMERGENCY SEPTIC REPAIR. PLEASE SEE NARRATIVE ATTACHED TO THIS APPLICATION. THE PROPERTY HAS A WATERCOURSE RUNNING DOWN THE MIDDLE OF THIS PROPERTY. THERE IS NO SUITABLE SEPTIC AREA OUTSIDE THE UPLAND REVIEW AREA.

In addition, the applicant shall provide eleven (11) collated copies of the following information**

N/A ( ) A. Written consent from the owner authorizing the agent to act on his/her behalf

(✓) B. A Location Map at a scale of 1" = 800'

(✓) C. ***A Site Plan showing existing and proposed features at a scale not to exceed 1" = 40'*** accurate to the level of a A-2 property and T-2 topographic surveys

(✓) D. Sketch Plans depicting the alternatives considered

(✓) E. Engineering Reports and Analysis and additional drawing to fully describe the proposed project

(✓) F. Sedimentation and Erosion Control Plan, including the Construction Sequence

(✓) G. Names and addresses of adjoining property owners

(✓) H. A narrative describing, in detail

a. the proposed activity
b. the alternatives considered
c. impacts
d. proposed mitigation measures

( ) I. Soils Report prepared by a Certified Soil Scientist and Wetlands Map prepared by a Registered Land Surveyor

(✓) J. A Biological Evaluation prepared by a biologist or other qualified professional

(✓) K Description of the chemical and physical characteristics of fill material to be used in the Regulated Area

(✓) L. Description and maps detailing the watershed of the Regulated Area

(✓) M. Envelopes addressed to adjacent neighbors, the applicant, and/or agent, with ***certified*** postage and no return address

****Application materials shall be collated and copies of documents more than two pages in length shall be double sided.**

See Section 7 of the Wetlands and Watercourses Regulations of the Town of Wilton for a more detailed description of applications requirements.

The Applicant or his/her agent certifies that he is familiar with the information provided in this application and is aware of the penalties for obtaining a permit through deception, inaccurate or misleading information.

By signing this application, permission is hereby given to necessary and proper inspections of the subject property by the Commissioners and designated agents of the Commission or consultants to the Commission, at reasonable times, both before and after a final decision has been rendered.

Applicant's Signature: E Alicia Date: 2/12/21

Agent's Signature (if applicable) _____ Date: _____

Peak Engineers, LLC

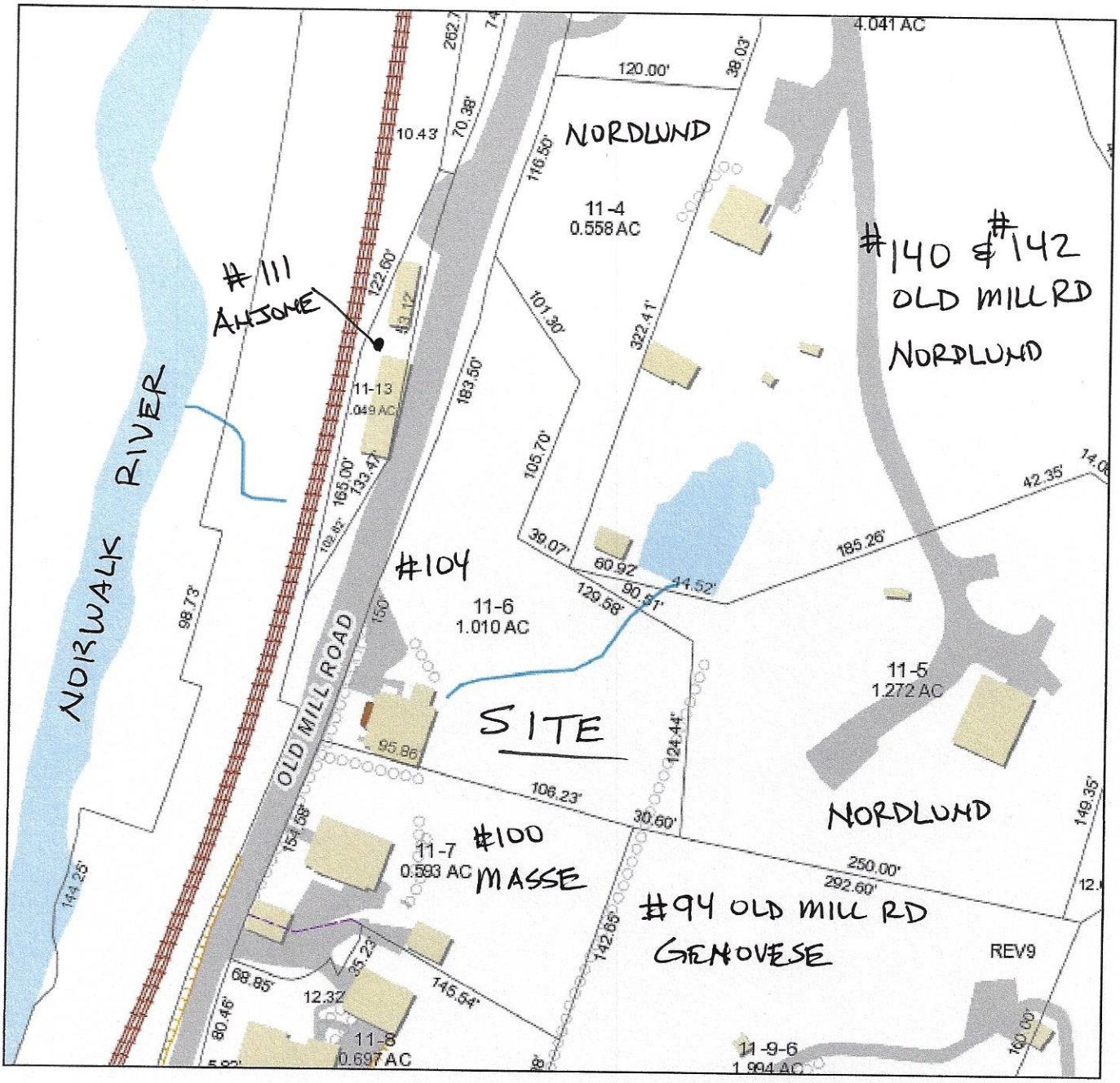
PROVIDING CIVIL ENGINEERING SERVICES
16 Old Mill Road, Redding, Connecticut 06896
Tel 203-834-0588
Email: tquinn@peakengineersllc.com

Names and Addresses of adjoining property owners to 104 Old Mill Road, Map 11, Lot 6

Map 11, Lot 2	140, 142 Old Mill Road Eric V & Britt Marie Nordlund PO BOX 502, Georgetown, CT 06829-0502
Map 11 Lot 5	Old Mill Road Eris and Britt Nordlund PO BOX 502, Georgetown, CT 06829-0502
Map 11 Lot 4	114 Old Mill Road Eric Nordlund PO BOX 502, Georgetown, CT 06829-0502
Map 11 Lot 7	100 Old Mill Road Linda Masse 100 Old Mill Road, Wilton, CT 06897
Map 11, Lot 9-6	94 Old Mill Road Charles Genovese III and Joanna Genovese 94 Old Mill Road, Wilton, Ct 06897
Map 11, Lot 13	111 Old Mill Rd William S. Anjone 8 Godfrey Rd West, Weston, CT 06883

Town of Wilton
Geographic Information System (GIS)

Date Printed: 2/12/2021



MAP DISCLAIMER - NOTICE OF LIABILITY

This map is for assessment purposes only. It is not for legal description or conveyances. All information is subject to verification by any user. The Town of Wilton and its mapping contractors assume no legal responsibility for the information contained herein.

Zoning Effective: July 28, 2017

Planimetrics Updated: 2014

Approximate Scale: 1 inch = 100 feet

0 100 Feet

N W E S

Peak Engineers, LLC

PROVIDING CIVIL ENGINEERING SERVICES
16 Old Mill Road, Redding, CT 06896
Tel 203-834-0588
Email: TQuinn@PeakEngineersLLC.com

February 12, 2021

Conservation Planner
Town of Weston
Weston Town Hall
56 Norfield Road
Weston, CT 06883

Re: 104 Old Mill Road, Wilton, Ct
Wetland Activities

To whom it my concern:

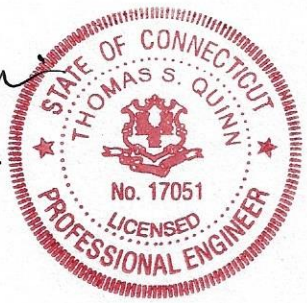
Pursuant to Public Act 87-533 I am hereby notifying the municipality of Weston that an application has been filed with the Town of Wilton to perform regulated activities. The project site, 104 Old Mill Road, Wilton, is located within 500 feet of the town boundary. A portion of the wetlands or watercourses on which the regulated activity is proposed is located within 500 feet of the Town of Weston.

The activity includes the removal of an existing septic system and the installation of a septic system repair in the same location. The proposed activity will not require traffic to traverse the Town of Weston.

If you have any questions regarding this application please contact my office at 203-834-0588 or the Wilton Inland Wetland Office at 203-563-0180.

Yours,

Thomas S. Quinn, P.E.
Peak Engineers, LLC

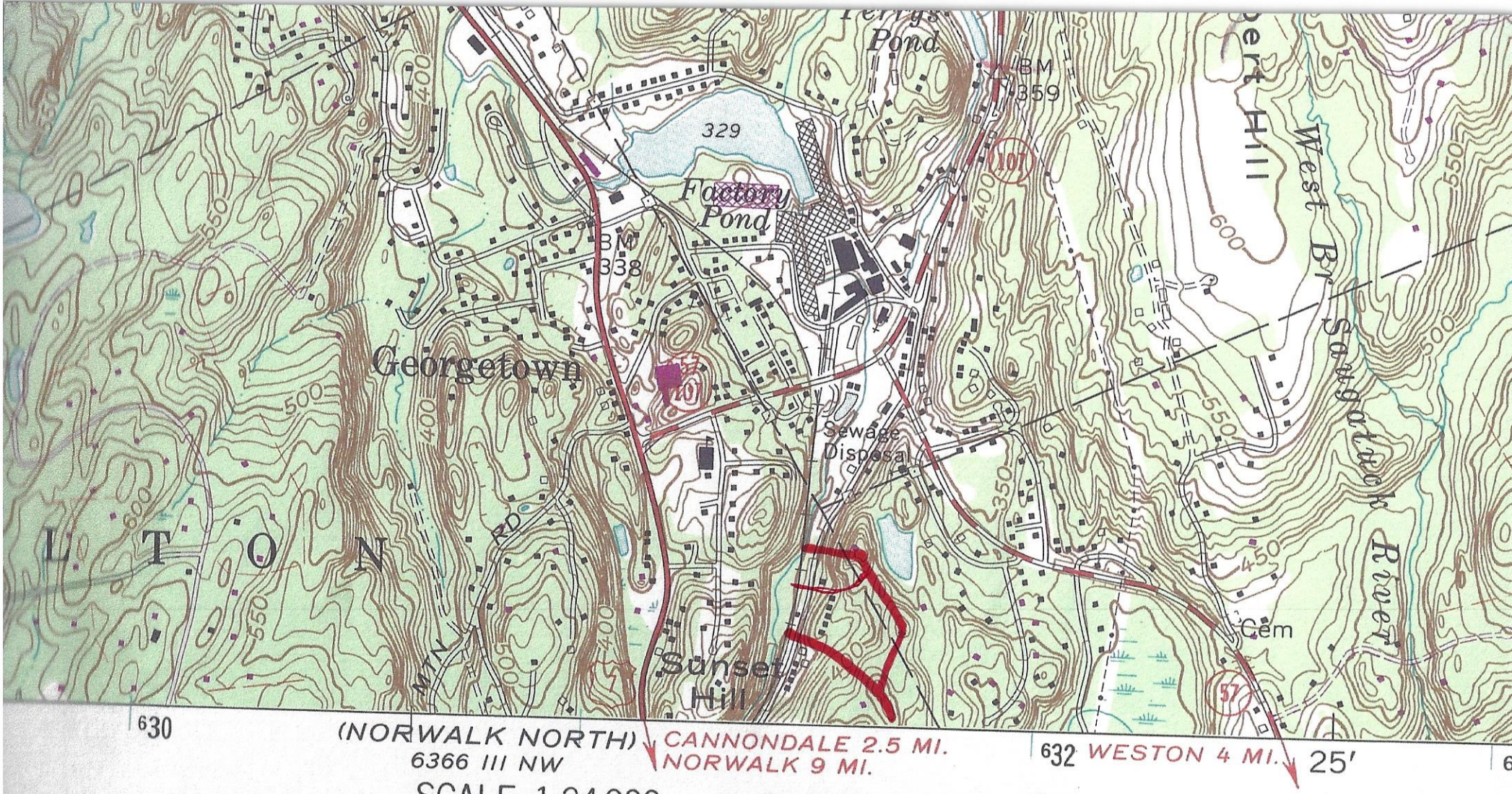


PEAK ENGINEERS LLC
16 OLD MILL RD
REDDING, CT 06896

LOCATION MAP
SCALE 1" = 800'

NORTH

SOURCE: WILTON INLAND WETLANDS COMMISSION INLAND WETLAND SOILS
REV. 8/2000



SCALE 1:24 000

WATERSHED SKETCH. - 2.75 ACRES

1 MILE

0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

SOURCE USGS - NORWALK NORTH 1984

PEAK ENGINEERS LLC
16 OLD MILL RD
REDDING, CT 06896

PROJECT NARRATIVE

APPLICATION TO THE INLAND WETLANDS AGENCY FOR A SIGNIFICANT ACTIVITY

For

EMERGENCY SEPTIC SYSTEM REPAIR
104 OLD MILL ROAD
WILTON, CONNECTICUT 06897
MAP 11, Lot 6, 1.01 ACRES

Prepared For

Elizabeth Alicea
104 Old Mill Road
Wilton, Connecticut 06897

Prepared By

Peak Engineers, LLC
PROVIDING CIVIL ENGINEERING SERVICES
16 Old Mill Road, Redding, Connecticut 06896
Tel 203-834-0588
Email: tquinn@peakengineersllc.com

February 12, 2021

PROJECT NARRATIVE
104 Old Mill Road

Purpose

This Project narrative is being submitted as part of a wetland application for proposed activities at 104 Old Mill Road. The existing septic system is "full" and seeping above grade. The project proposes the installation of a septic system as an emergency repair.

General Location and Description

The project site is located on the east side of Old Mill Road. The property is not located within the Drinking Water Watershed. The Norwalk River is located on the west side of Old Mill Road.

The existing septic tank and pump chamber are located in the front yard, west side of house. Per an inspection of the system by a licensed installer it appears that the tanks are in working condition. The leaching system is located on a plateau in the north portion of the property. This system is presently failing as effluent is breaking the surface of the ground.

The entire property slopes sharply from east to west down to the road. A watercourse runs through the property entering a very small open water feature. The wetland limits have not been flagged. The watercourse runs down this slope which is in excess of 15% through a rocky bed with grasses banks. Peak Engineers, LLC visited the site several times in January and the watercourse was always running. It appears that the watercourse acts more in a role of conveyance that in treatment. The existing septic system is located within the upland review area.

Septic Testing and Design

Septic testing was performed in the north portion of the site around the existing septic system and in the east portion of the site south of the watercourse. The area east of the house is unsuitable for a septic system do to steep slopes, high groundwater and an old hand dug well. Please see the Septic Repair plan for the location of the soil testing. The most suitable location for a septic repair is in the same location as the existing septic system.

Utilizing the deep data test hole and percolation hole data a septic system has been designed and submitted to the health department. The plan has been approved by the health department. The plan includes removing the existing Cultec chamber septic system plus the unsuitable soil 5' each side of the proposed septic system. A new sand and gravel system will be installed in the same location as the existing system with new clean select septic sand being placed on all sides and underneath the new system.

The installation of the septic system will require the following:

- Proposed area of disturbance 6,940 square feet
- Proposed area of disturbance within the regulated area is 6,184 feet.
- Excavate 90 cubic yards of sandy fill
- Remove the Cultec chambers.
- Installation of GREENLEACH leaching system.
    - Place select fill approximately 90 cubic yards.
    - Place 18 cubic yards of septic sand and gravel leaching filter.
    - Cover system with the excavated topsoil material

Impacts and Mitigation Measures.

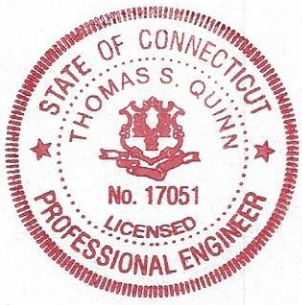
The existing septic system is leaching effluent onto the ground surface and making a nuisance. The proposed system will eliminate this nuisance. The proposed system will be installed in nearly the same location as the existing system therefore the permanent disturbance to the site will be similar to the current system. The potential for negative impacts will occur during the construction process. The contractor intends to utilize a conveyor system to transport the material up the hill. This construction methodology will minimize disturbance on the path of access to the system. Silt fence and hay bales will be used to minimum soil transport during earthwork. The proposed work will be occurring during the winter months. The installer will return to the site in the spring to rake and seed the disturbed areas.

Conclusion

The project proposes the installation of a new septic system to replace the existing failing system. Work will be performed within an established inland wetland upland review area. The contractor will immediately rake and seed all disturbed areas.

The septic sketch plan includes a construction access route and location of the silt fence. Please see the attached, reduced size, plans.

Respectfully submitted:



Peak Engineers, LLC.
Thomas S. Quinn, P.E.