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



TOWN HALL 238 Danbury Road Wilton, Connecticut 06897

APPLICATION FOR AN INTERMEDIATE REGULATED ACTIVITY

| For Office Use Only: | VATETPLE | | | | | |
|---|---|--|--|--|--|--|
| Filing Fee \$ | WET# | | | | | |
| Date of Submission | Wilton Land Record Map# | | | | | |
| Date of Acceptance | Assessor's Map #Lot# | | | | | |
| APPLICANT IN | NFORMATION: | | | | | |
| Applicant_Jorge Valentin | Agent (if applicable) Tracy Chalifoux LLC | | | | | |
| Address 573 Nod Hill Road | Address 7 King Street | | | | | |
| Wilton, CT 06897 | Danbury, CT 06811 | | | | | |
| Telephone 914-261-3075 | Telephone845-364-1360 | | | | | |
| Emailjvalentin@mcgroup.ws | | | | | | |
| PROJECT INFORMATION: | | | | | | |
| Property Address 573 Nod Hill Road Site Acreage 2.055 + subject parcel 0.816=2. | | | | | | |
| Acres of altered Wetlands On-Site Cu. Yds. of Material Excavated O | | | | | | |
| Linear Feet of Watercourse0 | Cu. Yds. of Material to be Deposited0 | | | | | |
| Linear Feet of Open Water approx. 200 LF | Acres of altered upland buffer 0.006 ac | | | | | |
| Sq. Ft. of proposed and/or altered impervious coverage0 | Sq. Ft. of disturbed land in regulated area 250 Sq. Ft. | | | | | |
| APPLICATION REQUIREMENTS: | | | | | | |
| Is The Site Within a Public Water Supply Watershed Boundary? NO YES* X | Is The Site Within 500 Feet of a Town Boundary? NOX _ YES* | | | | | |

^{*} 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.

| | | cription and Purpose: Restoration of upland buffer with proposed native trees | | | |
|--|---------------------------|--|--|--|--|
| 110 | Jeer Desc | arption and 1 tripose. | | | |
| | | | | | |
| | | | | | |
| In addi submis | ition, the ssion via | applicant shall provide nine (9) collated copies of the following information as well as an electronic email to mike.conklin@wiltonct.org & elizabeth.larkin@wiltonct.org ** | | | |
| X | A. | Written consent from the owner authorizing the agent to act on his/her behalf | | | |
| X | В. | A Location Map at a scale of 1" = 800' | | | |
| Х | C. | A Site Plan showing existing and proposed features at a scale not to exceed 1" = 40' | | | |
| N/A | D. | Sketch Plans depicting the alternatives considered | | | |
| Х | E. | Names and addresses of adjoining property owners | | | |
| Х | F. | A narrative describing, in detail | | | |
| | | a. the proposed activity c. impacts b. the alternatives considered d. proposed mitigation measures | | | |
| Х | G. | Soils Report prepared by a Certified Soil Scientist and Wetlands Map prepared by a Registered Land Surveyor | | | |
| N/A | Н. | Description of the chemical and physical characteristics of fill material to be used in the Regulated Area | | | |
| X | I. | Description and maps detailing the watershed of the Regulated Area | | | |
| Х | J. | One original application and eight (8) copies | | | |
| **Appl sided. | | materials shall be collated and copies of documents more than two pages in length shall be double | | | |
| | | of the Wetlands and Watercourses Regulations of the Town of Wilton for a more detailed description of quirements. | | | |
| The Ap | pplicant on nalties fo | or his/her agent certifies that he is familiar with the information provided in this application and is aware of or obtaining a permit through deception, inaccurate or misleading information. | | | |
| Commi | issioners | application, permission is hereby given to necessary and proper inspections of the subject property by the and designated agents of the Commission or consultants to the Commission, at reasonable times, both before I decision has been rendered. | | | |
| Applicant's Signature: Date: 3/17/23 | | | | | |
| Agent's Signature (if applicable): JAM 1 Hamply Date: 5/9/23 | | | | | |

Tracy Chalifoux LLC

Landscape Architect

Date: May 8, 2023

To:

Town of Wilton Inland Wetlands Commission

From: Jorge Valentin

Re:

Letter of Consent 573 Nod Hill Road Wilton, CT 06897

I, Jorge Valentin, hereby authorize Tracy Chalifoux LLC, to act as my agent for preparation of an Inland Wetlands Application for an Intermediate Regulated Activity for a Corrective Action for the above-referenced property.

I am aware of the proposed site improvements, and consent to the activities set forth within the application.

Town of Wilton

Geographic Information System (GIS)



LOCATION MAP

Date Printed: 5/8/2023 TE DRIVE NDIAN HILL ROAD 573 NOD HILL RD PARTRI HILL ROAD S

BREED'S

MAP DISCLAIMER - NOTICE OF LIABILITY

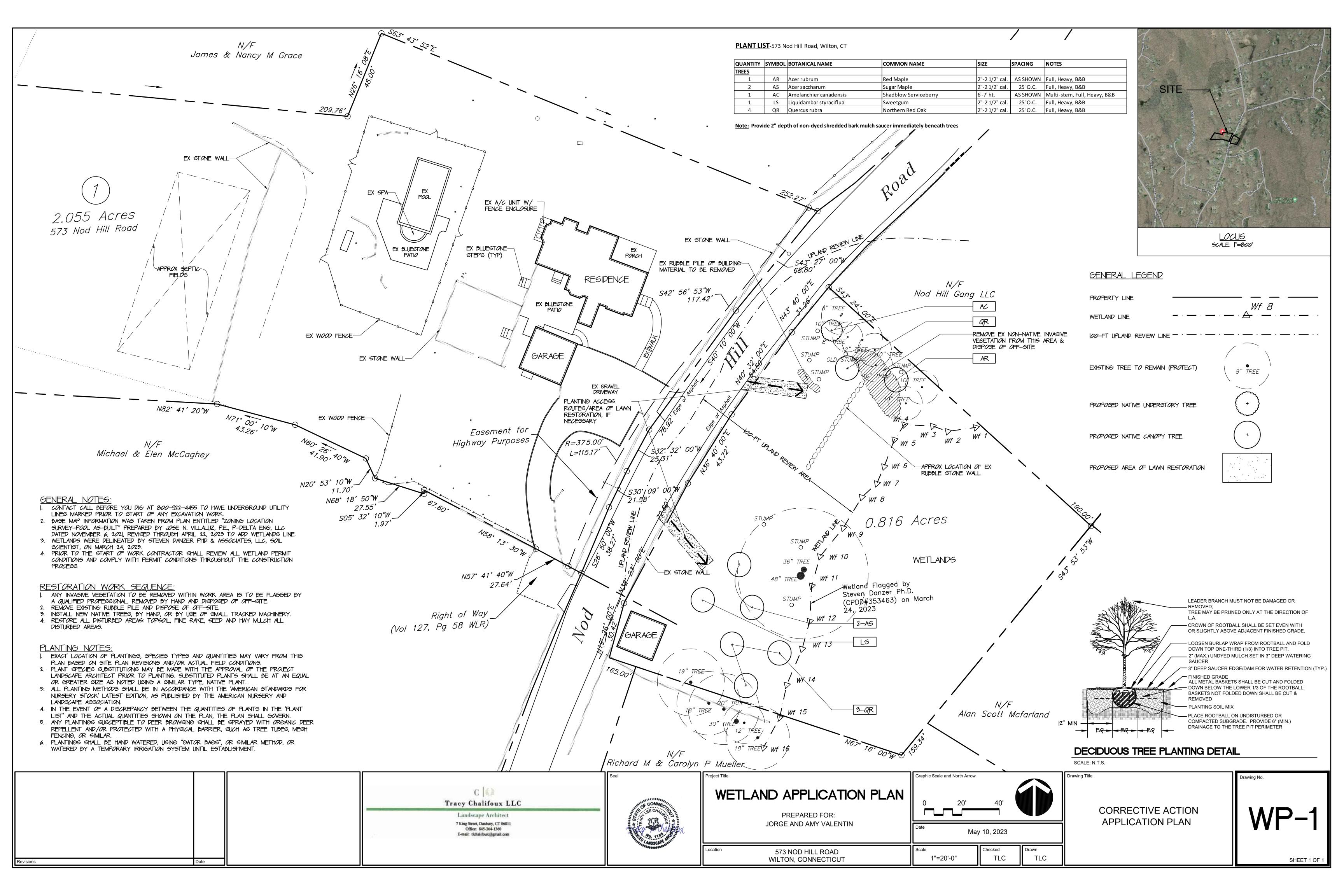
This map is for assessment purposes only. It is not for legal description or conveyances. All information is subject to verification by any user. The Town of Wilton and its mapping contractors assume no legal responsibility for the information contained herein.

Zoning Effective: July 28, 2017 Planimetrics Updated: 2014

Approximate Scale: 1 inch = 800 feet







Adjoining Property Owners to 573 Nod Hill Road, Wilton, CT

Michael and Ellen McCaghey Nod Hill Gang LLC

567 Nod Hill Rd 582 Nod Hill Rd

Wilton, CT 06897 Wilton, CT 06897

Keilty Edmund as Trustee & Alan Scott McFarland

595 Nod Hill Rd 14 Partrick Lane

Wilton, CT 06897 Wilton, CT 06897

James C. and Nancy M. Grace James Burke

575 Nod Hill Rd 26 Partrick Lane

Wilton, CT 06897 Wilton, CT 06897

Richard M. and Carolyn P. Mueller Weir Farm Trust Inc.

558 Nod Hill Rd Nod Hill Rd

Wilton, CT 06897 Wilton, CT 06897

Landscape Architect

Project Narrative

Prepared for: 573 Nod Hill Road Wilton, CT

May 10, 2023

Introduction

The subject properties comprise two parcels, the first containing the main residence west of Nod Hill Road, and roughly 2.055 acres in size, the second parcel east of Nod Hill Road, and roughly 0.816 acres in size. The larger parcel contains a single-family residence, detached garage, gravel driveway, patios, walkways, swimming pool, stone walls, stone steps, lawn areas and plantings. The property is served by a septic system. The smaller parcel contains a garage, open space, and a wetlands system. The wetlands are located to the south east and are along the eastern shoreline of a pond. The wetlands were delineated by Steven Danzer PhD & Associates, LLC during a field investigation conducted on March 24, 2023 and documented in a Soil Report.

Background

On March 9, 2023 a Cease and Desist Order was upheld for unauthorized work (tree removal) conducted in the regulated area. On the 0.816 acre (eastern) parcel, approximately nine trees were removed from the upland review area. The homeowner seeks to replace the trees as part of a Corrective Action Application for an Intermediate Regulated Activity.

Proposed Activities and Mitigation Measures

Buffer Mitigation Plantings

The intention of the proposed activities is to replace the trees removed from the buffer area through introduction of a variety of native trees. The new plantings will improve the ecology of the property on many levels. The proposed trees will control erosion by reducing stormwater runoff, creating an opportunity for stormwater to be absorbed and filtered, protecting the quality of the existing wetlands. The proposed trees will also provide habitat, food and shelter for many types of fauna and avian species. A variety of native tree species are proposed which will serve to increase biodiversity through attracting additional birds, insects and mammals. The buffer area planting mitigation includes nine trees. Approximately 0.006 acres (250 sq ft) of regulated area is to be enhanced. Non-native invasive vegetation within the vicinity of the new tree planting area is proposed to be removed, and disposed of in an off-site location. All disturbed areas of the existing lawn will be restored with topsoil (where needed), fine raked, seeded and hay mulched.

Mobile: 845-364-1360 E-mail: tlchalifoux@gmail.com

Impacts

The mitigation plantings will provide a positive impact to the wetlands as an array of buffer plantings are proposed to provide additional habitat and water quality remediation, therefore increasing buffer functions.

Installation Methods and Maintenance

The proposed trees shall be installed either by hand, or by use of small tracked machinery. The contractor shall adhere to the planting accesses shown on the plan, and keep disturbance to a minimum. The proposed trees shall be watered by hand, or by use of "Gator Bags", or similar method, or with a temporary irrigation system until establishment. The proposed trees shall be monitored for deer browsing, and if needed, be protected by physical means, such as tree tubes, mesh fencing, or similar, and/or organic deer spray applied, as needed. All existing trees shall be protected. As soon as planting is complete, any disturbed lawn areas shall be fine raked, seeded with lawn seed, and hay mulched.

Summary

The proposed buffer planting improvements will significantly improve the ecology of the property through mitigating stormwater runoff, increasing biodiversity to support existing and attract new wildlife and pollinators, and creating food and shelter for the fauna.

WETLAND BOUNDARIES , POND & LAKE MANAGEMENT , CONSTRUCTION FEASIBILITY CONSULTATIONS , ENVIRONMENTAL STUDIES

Soil Report

Date: March 24, 2023

By: Steven Danzer Ph.D.

- Soil Scientist, Senior Professional Wetland Scientist, Arborist
 - Nationally certified by the Soil Science Society of America (#353463).
 - Registered with the Society of Soil Scientists of Southern New England.
 - Certified PWS #1321 by the Society of Wetland Scientists
 - Certified Arborist by the International Society of Arboriculture (ISA) NE-7409A
 - CT Licensed Arborist DEEP S-5639
- Ph.D. in Renewable Natural Resource Studies.

Project: 573 Nod Hill Road, Wilton, CT.

INTRODUCTION

A wetlands investigation was performed at the above-referenced property to locate and identify any inland wetland soils or watercourses.

The purpose of this report is to document that the field work for the site investigation was conducted using professionally accepted methods and procedures. This report is intended for submission by the owner(s) of the property or their designated agent to the local municipal regulatory agency.

DEFINITIONS

The Connecticut General Statutes Ch. 440 Sections 22a-36 and 22a-45 (as amended) define **inland wetlands** as land, including submerged land (except for tidal wetlands) which consist of any of the soil types designated by the National Cooperative Soil Survey as *poorly drained*, *very poorly drained*, *floodplain*, *or alluvial*.

Poorly drained and **very poorly drained** are soil drainage classes that are defined by specific technical criteria in the Soil Survey Manual, Ch. 3 of the USDA Natural Resources Conservation Service. Generally speaking, *poorly drained soils* are wet at shallow depths periodically during the growing season, or remain wet for long periods, while in *very poorly drained soils* water is removed from the soil so slowly that free water remains at or very near the ground surface during much of the growing season.

Floodplain refers to the land bordering a stream or river that is subject to flood stage inundation, and **alluvial** refers to soil deposited by concentrated running water (Soil Survey Manual, Part 629).

Watercourses are defined by the Connecticut General Statutes Ch. 440 Sections 22a-36 and 22a-45 (as amended) to include rivers, streams, brooks, waterways, lakes, ponds, marshes, swamps, bogs and all other bodies of water, natural or artificial, vernal or intermittent, public or private. **Intermittent watercourses** are a type of watercourse that typically do not flow year-round, and are specifically defined within the CT statutes by the presence of a defined permanent channel and bank, and the occurrence of two or more of the following characteristics:

- a) Evidence of scour, or deposits of recent alluvium or detritus;
- b) The presence of standing or flowing water for a duration longer than a particular storm incident;
- c) The presence of hydrophytic vegetation.

Uplands are land areas that are not inland wetlands, watercourses, or subject to tides.

The **soil series** is a soil label that refers to the lowest category of the National Soil Classification System. It is used as a specification for identifying and classifying soils within a soil map unit. The descriptions are standardized by the USDA-NRCS, and contain soil properties that define and distinguish them from the other soil series.

METHODS

Wetland or watercourse boundaries present within the survey area were investigated pursuant to the definitions provided by the Connecticut General Statutes (CGS Ch. 440 Sections 22a-36 and 22a-45) as amended. All soils were sampled to a depth of at least 20 inches with spade and augur unless noted otherwise during a field investigation conducted on March 23, 2023. Soils were classified according to the nomenclature presented within the NRCS Web Soil Survey, with additional reference to the National Cooperative Soil Survey, and the local Soil Survey. The wetland boundaries were marked on site with flagging tape and/or stakes (Wetland Flags 1-16) and a sketch map prepared (attached).

SITE DESCRIPTION AND DISCUSSION

The approximately 0.8 acre site is located on the east side of Nod Hill Road, Wilton CT. The site is undeveloped. The site is located within the DEEP Basin 7301-04 within the Comstock Brook Subregional Basin.

Wetland resources on site consist of a portion of the eastern shoreline of a pond shared by several residences along Nod Hill Road, Partrick Lane and Indian Hill Road.

DATA AND RESULTS

WETLAND AND WATERCOURSE SOIL MAPPING UNITS

(3) Ridgebury, Leicester, and Whitman soils extremely stony

The Ridgebury series consists of very deep, somewhat poorly and poorly drained soils formed in till derived mainly from granite, gneiss and schist. They are commonly shallow to a densic contact. They are nearly level to gently sloping soils in low areas in uplands. Slope ranges from 0 to 15 percent. Saturated hydraulic conductivity ranges from moderately low to high in the solum and very low to moderately low in the substratum. Mean annual temperature is about 49 degrees F. and the mean annual precipitation is about 45 inches. TAXONOMIC CLASS: Loamy, mixed, active, acid, mesic, shallow Aeric Endoaquepts

The Leicester series consists of very deep, poorly drained loamy soils formed in friable till. They are nearly level or gently sloping soils in drainageways and low-lying positions on hills. Slope ranges from 0 to 8 percent. Permeability is moderate or moderately rapid in the surface layer and subsoil and moderate to rapid in the substratum. Mean annual temperature is about 50 degrees F., and mean annual precipitation is about 47 inches. TAXONOMIC CLASS: Coarse-loamy, mixed, active, acid, mesic Aeric Endoaquepts

The Whitman series consists of very deep, very poorly drained soils formed in lodgement till derived mainly from granite, gneiss, and schist. They are shallow to a densic contact. These soils are nearly level or gently sloping soils in depressions and drainageways on uplands. Saturated hydraulic conductivity is moderately high or high in the solum and very low through moderately high in the substratum. Mean annual precipitation is about 45 inches (1143 millimeters) and mean annual temperature is about 49 degrees F. (9 degrees C.). TAXONOMIC CLASS: Loamy, mixed, superactive, acid, mesic, shallow Typic Humaquepts

UPLAND (NON WETLAND) SOIL MAPPING UNITS

(73C) Charlton- Chatfield complex, 3 to 15 percent slopes, very rocky

The Charlton series consists of very deep, well drained loamy soils formed in till derived from parent materials that are very low in iron sulfides. They are nearly level to very steep soils on till plains and hills. Slope ranges from 0 to 50 percent. Saturated hydraulic conductivity is moderately high or high. Mean annual temperature is about 10 degrees C and mean annual precipitation is about 1194 mm. TAXONOMIC CLASS: Coarse-loamy, mixed, active, mesic Typic Dystrudepts

The Chatfield series consists of well drained and somewhat excessively drained soils formed in till derived from parent materials that are very low in iron sulfides. They are moderately deep to bedrock. They are nearly level through very steep soils on glaciated plains, hills, and ridges. Slope ranges from 0 through 70 percent. Crystalline bedrock is at depths of 20 to 40 inches (50 through 100 centimeters). Saturated hydraulic conductivity is moderately high or high in the mineral soil. Mean annual temperature is 51 degrees F (11 degrees C) and mean annual precipitation is 38 inches (1194 millimeters).

TAXONOMIC CLASS: Coarse-loamy, mixed, superactive, mesic Typic Dystrudepts

LIMITATIONS

All observations and conclusions within this report are opinion and were based upon the field conditions at time of investigation and best professional judgment. Field conditions may change over time. All wetland boundary lines established by the undersigned Soil Scientist are subject to change until officially adopted by the appropriate local, state and federal regulatory agencies.

CERTIFICATION

Signed,

Steven Danzer Ph.D., Certified Professional Soil Scientist (CPSS #353463)

Ster Dager



573 Nod Hill Road, Wilton, CT

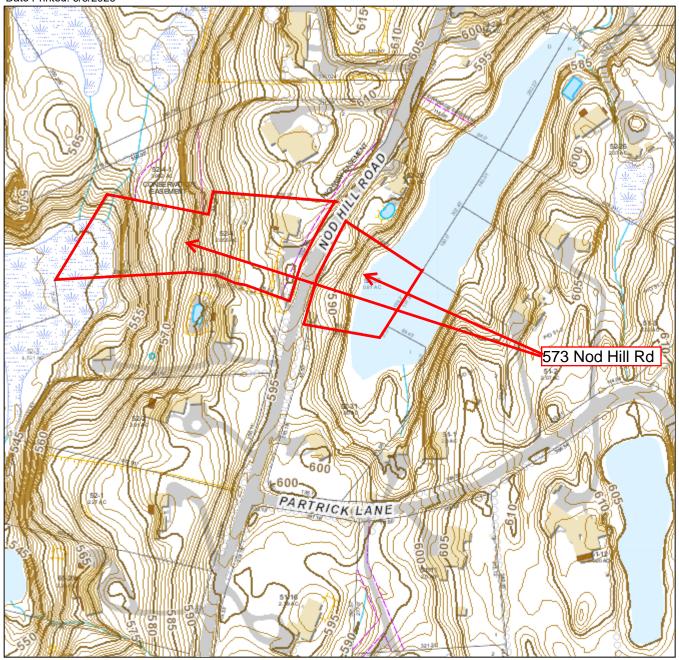


Town of Wilton

Geographic Information System (GIS)



Date Printed: 5/8/2023



WATERSHED MAP-573 NOD HILL RD

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 = 200 feet





WILTON CONNECTICUT SUBREGIONAL BASINS AND SURFACE WATER FLOW DIRECTIONS

Explanation

Town Boundary



Subregional Watershed Boundary



Subrg. Basin ID# - as designated by CTDEP



Open Water Watercourse

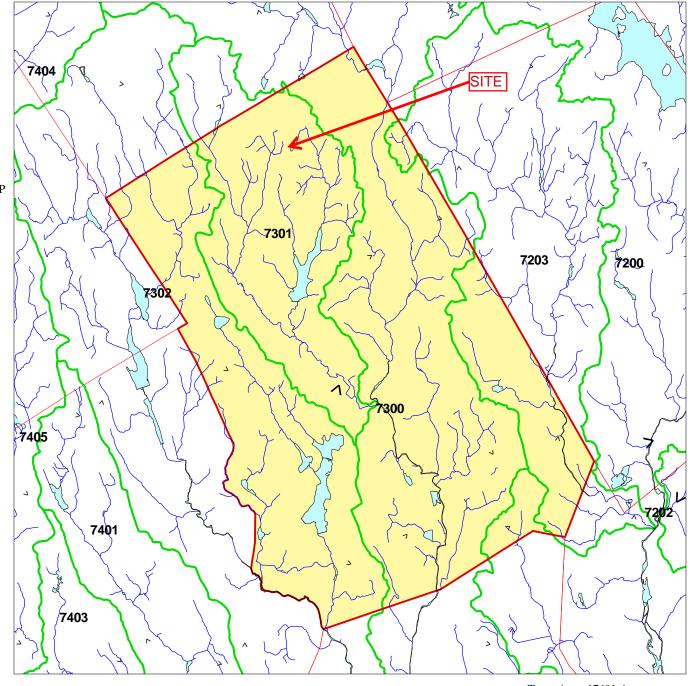


Basin Outlet

Surface Water Flow Direction

The table provides statistics for each subregional basin. Shown are the areas of the basin within the town, the percentage for that area, and the percent of the town covered by each basin.

| Sbas_no | AcresInTw | Percofb | Percoftv |
|---------|-----------|---------|----------|
| | | | |
| 7200 | 318.81 | 1.0 | 1.8 |
| 7203 | 1777.93 | 23.3 | 10.2 |
| 7300 | 6609.70 | 31.7 | 37.8 |
| 7301 | 4046.03 | 86.1 | 23.1 |
| 7302 | 4738 78 | 32.9 | 27.1 |







Digital layers provided by the CTDEP. Map composed by the NEMO project. For educational purposes only.



Town Area: 17491 Acres

The University of Connecticut, CES: November 02, 1999



573 Nod Hill Rd, Wilton, CT-Watershed or Aquifer Area Project Notification

1 message

Tracy Chalifoux <tlchalifoux@gmail.com> To: dph.swpmail@ct.gov

Wed, May 10, 2023 at 1:09 PM

To Whom it May Concern,

Attached please find the Watershed or Aquifer Area Project Notification Form for the property at 573 Nod Hill Rd, Wilton, CT.

Thank you.

Sincerely,

Tracy L. Chalifoux, R.L.A.
Principal Landscape Architect
Tracy Chalifoux LLC
7 King Street
Danbury, CT 06811

mobile: 845-364-1360

tlchalifoux@gmail.com

WatershedorAquiferAreaProjectNotificationFormpdf.pdf 157K

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 reguired 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: |
| Name of public water supply aquifer your project lies within: |
| 2. Name of the public water supply watershed your project lies within: |
| 3. Public Water Supply Identification number (PWSID) for the water utility: |
| 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; 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: |
| E-mail address: |
| Telephone: |
| Fax number: |
| Step 5: Please provide the following if available: |
| Project name: |
| Project site address: |
| Town: |
| Project site nearest intersection: |
| |

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

Sent by Certified Mail

Tracy L. Chalifoux Tracy Chalifoux LLC, applicant's agent 7 King Street Danbury, CT 06811

SNEW
South Norwalk Electric and Water Company
164 Old Boston Road
Wilton, CT 06897
CT#1030021
South Norwalk Reservoir/City Lake
Pope's Pond/Street's Pond

Dear Sir or Madam,

A wetland application for an upland buffer tree restoration plan for the property located at 573 Nod Hill Road, Wilton, CT 06897 (applicant: Jorge Valentin residence) has been submitted to the Town of Wilton Inland Wetlands Commission. This letter serves as a written notice to the South Norwalk Electric and Water Company of the application as required per Section 8-31 of the Connecticut General Statues.

Sincerely,

Tracy L. Chalifoux
Principal Landscape Architect/Agent





NEW FAIRFIELD 7 BRUSH HILL RD NEW FAIRFIELD, CT 06812-9998 (800)275-8777

(800)275-8777 05/10/2023 01:37 PM Product Qty Unit Price Price First-Class Mail® 1 \$0.63 Letter Wilton, CT 06897 Weight: 0 lb 0.40 oz Estimated Delivery Date Fri 05/12/2023 Certified Mail® \$4.15 Tracking #: 70210950000186466117 Return Receipt \$3.35 Tracking #: 9590 9402 6864 1104 8859 51 Total \$8.13 Grand Total: \$8.13 Credit Card Remit \$8.13 Card Name: MasterCard Account #: XXXXXXXXXXXXXX4035

Text your tracking number to 28777 (2USPS) to get the latest status. Standard Message and Data rates may apply. You may also visit www.usps.com USPS Tracking or call 1-800-222-1811.

Chip

Approval #: 05274C Transaction #: 853 AID: A0000000041010 AL: MASTERCARD

PIN: Not Required

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or call 1-800-410-7420.

UFN: 083406-0812 Receipt #: 840-50600283-2-6571602-2 Clerk: 91