



Incorporated 1787

Conservation Commission

INLAND WETLANDS AND WATERCOURSES APPLICATION

This Application is for a five-year permit to conduct a regulated activity or activities pursuant to the Inland Wetlands and Watercourses Regulations of the Town of Weston ("The Regulations")

PROPERTY ADDRESS: 18 Kettle Creek Road

Assessor's Map # 30 **Block #** 3 **Lot #** 11

PROJECT DESCRIPTION (general purpose) maintain site filling and grading

Total Acres 1ac Total Acres of Wetlands and Watercourses _____

Acreage of Wetlands and Watercourses Altered 0 Upland Area Altered 8,166 sf

Acres Linear Feet of Stream Alteration 0 Total Acres Proposed Open Space 0

OWNER(S) OF RECORD: (Please list all owners, attach extra sheet if necessary)

Name: Krzysztof and Anita Gudas Phone: 203 964 7916

Address: 18 Kettle Creek Road

Email: paul@skyviewbuilders.com

APPLICANT/AUTHORIZED AGENT:

Name: Aleksandra Moch Phone: 203 550 9373

Address: 44 Lewelyn Road, Stamford, CT 06902

Email: aleksandra_moch@yahoo.com

CONSULTANTS: (Please provide, if applicable)

Engineer: n/a Phone: _____

Address: _____ Email: _____

Soil Scientist: Aleksandra Moch Phone: 203 550 9373

Address: 44 Lewelyn Road, Stamford, CT 06902 Email: aleksandra_moch@yahoo.com

Legal Counsel: n/a Phone: _____

Address: _____ Email: _____

Surveyor: Michael S. Shevlin, Jr. Phone: 203 218 5840 ext. 113

Address: 165 Oyster Rd, Fairfield, CT 06824 Email: Mike@ShevlinLS.com

PROPERTY INFORMATION

Property Address: 18 Kettle Creek Road in Weston, CT

Existing Conditions (Describe existing property and structures): the site supports a single-family residence with a driveway and a detached garage. The edges of the site are wooded. This is a flag-lot

Provide a detailed description and purpose of proposed activity (attach sheet with additional information if needed): authorization of the fill installed within the upland review area.

Is this property within a subdivision (circle): Yes or **No**

Square feet of proposed impervious surfaces (roads, buildings, parking, etc.): n/a

Subject property to be affected by proposed activity contains:

- | | |
|--|---|
| <input checked="" type="checkbox"/> wetlands soils | <input type="checkbox"/> bog |
| <input checked="" type="checkbox"/> swamp | <input type="checkbox"/> lake or pond |
| <input type="checkbox"/> floodplain | <input checked="" type="checkbox"/> stream or river |
| <input type="checkbox"/> marsh | <input type="checkbox"/> other _____ |

The proposed activity will involve the following within wetlands, watercourse, and/or review area:

- | | | |
|--|--|--|
| <input type="checkbox"/> Alteration | <input type="checkbox"/> Construction | <input type="checkbox"/> Pollution |
| <input type="checkbox"/> Discharge to | <input type="checkbox"/> Discharge from | <input type="checkbox"/> Bridge or Culvert |
| <input type="checkbox"/> Removal of
Materials | <input checked="" type="checkbox"/> Deposition of
Materials | <input type="checkbox"/> Other _____ |

Amount, type, and location of materials to be removed, deposited, or stockpiled:

Description, work sequence, and duration of activities:
approval after the fact - the fill was installed in less than a week

Describe alternatives considered and why the proposal described herein was chosen:
n/a

Does the proposed activity involve the installation and/or repair of an existing septic system(s) (circle): Yes or **No**

The Westport/Weston Health District Approval: n/a

ADJOINING MUNICIPALITIES AND NOTICE:

If any of the situations below apply, the applicant is required to give written notice of his/her application to the Inland Wetlands Agency of the adjoining municipality, on the same day that he/she submits this application. Notification must be sent by Certified Mail with Return Receipt Requested.

The property is located within 500 feet of any town boundary line;

A significant portion of the traffic to the completed project will use streets within the adjoining municipality to enter or exit the site;

A portion of the water drainage from the project site will flow through and significantly impact the sewage system or drainage systems within the adjoining municipality; or

Water runoff from the improved site will impact streets or other municipal or private property within the adjoining municipality

AQUARION WATER COMPANY

Pursuant to Section 8.4 of the Weston regulations, the Aquarion Water Company must be notified of any regulated activity proposed within its watersheds. Maps showing approximate watershed boundaries are available at the office of the Commission. If the project site lies within these boundaries, send notice, site plan, and grading and erosion control plan via certified mail, return receipt requested, within seven (7) days of submitting application to the Commission, to:

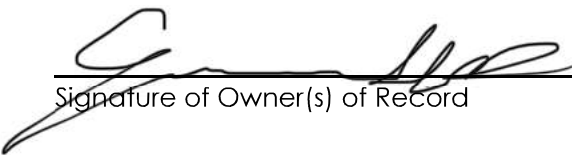
George S. Logan, Director – Environmental Management
Aquarion Water Company
714 Black Rock Turnpike
Easton, CT 06612

The Commissioner of the Connecticut Department of Public Health must also be notified in the same manner in a format prescribed by that commissioner.

The undersigned, as owner(s) of the property, hereby consents to necessary and proper inspections of the above mentioned property by Commissioners and agents of the Conservation Commission, Town of Weston, at reasonable times, both before and after a final decision has been issued by the Commission.

The undersigned hereby acknowledges to have read the "Application Requirements and Procedures" in completing this application.

The undersigned hereby certifies that the information provided in this application, including its supporting documentation is true and he/she is aware of the penalties provided in Section 22a-376 of the Connecticut General Statutes for knowingly providing false or misleading information.



Signature of Owner(s) of Record

Date

A Moch

Signature of Authorized Agent

10/31/2023

Date

FOR OFFICE USE ONLY

Administrative Approval

Initials

Date

TOWN OF WESTON INLAND WETLANDS AND WATERCOURSE AREA APPLICATION REQUIREMENTS AND PROCEDURES

In addition to the application form for permission to conduct a regulated activity within inland wetlands and watercourse area, applicants must submit the following information in accordance to scheduled submittal date. An incomplete application may result in a delay:

1. A signed letter of permission from the Owner of Record.
2. Fee in accordance to the Conservation Commission fee schedule.
3. Nine (9) collated copies of the following:
 - ☐ Completed Inland Wetland and Watercourses Application
 - ☐ Two (2) 24" x 36" Original and Seven (7) 24" x 36" Copies of the following
 - A-2 Survey map and/or site plan of at least 1" = 40'
 - Title of project
 - Name, signature, and Connecticut license professional seal(s).
 - Date map prepared, date of most recent revision, and brief description of revision.
 - Show locations of wetlands boundary, watercourses (with direction of flow, water depth, and bottom characteristics) and other pertinent features and structures such as rock ledges, stonewalls, utility lines.
 - Show location and extent of proposed activities including material and soil stockpiles, erosion and sedimentation controls, ingress and egress patterns.
 - Indicate in acres or square feet of wetlands/watercourse disturbance.
 - North arrow, Scale Bar, Legend, Property lines.
 - Edge of 100' Upland Review Area.
 - Existing and Proposed Conditions, Grading and Drainage Location
 - Double Silt fence detail (slit fence/hay bale/slit fence) configuration.
 - Construction Sequence.
 - Contour lines – 2 foot intervals.
 - Topographic (*This area may be enlarged for certain activities on/or above steep slopes or other physical conditions that may adversely impact wetlands*).
 - ☐ Drainage report prepared by a professional engineer registered in the State of Connecticut.
4. One electronic copy of all submitted materials emailed to conservationplanner@westonct.gov
5. Westport/ Weston Health District Approval, including a copy of the septic plan or B100 plan stamped and signed by the Health Department (*if applicable*).
6. If a Soil Scientist is involved, his/her name, written report, and field sketch.
7. List of names and addresses of adjacent property owners and abutters, include addressed and stamped business envelopes.
8. Proof of certified mailings to Aquarion Water Company and adjoining municipalities, *if applicable*.
9. All deeds, conservation easements, or restrictions associated with the property.
10. Location of the 100 year flood line, *if applicable*.
11. Tree removal plan of all trees greater than 12" in diameter.
12. Diagrams of alternatives considered.
13. Completed Part II of the DEEP Statewide Inland Wetlands & Watercourses Activity Reporting Form.

WETLAND DELINEATION

FOR THE PROPERTY LOCATED AT
18 KETTLE CREEK ROAD
WESTON, CONNECTICUT



REPORT PREPARED BY
ALEKSANDRA MOCH
SOIL & WETLAND SCIENTIST
LANDSCAPE DESIGNER, CPESC
GEOLOGIST/HYDROGEOLOGIST

September 21, 2023

SITE DESCRIPTION

The property is located on the southwestern side of Little Brook Lane, but the entrance to this flag-lot is gained from Kettle Creek Road. This one-acre site supports a single-family residence with a driveway, a detached garage, and a septic system. The area has been recently re-graded to provide a level yard with gently sloping edges towards the wetland/watercourse areas. The property drains towards the north and east.

METHODS

Wetland identification was performed on September 21, 2023 and based on the presence of poorly drained, very poorly drained, alluvial, and/or floodplain soils and submerged land. The soil types were identified by observation of soil morphology including soil texture, structure, color, etc. Numerous soil samples were taken using an auger. Sampling began within the typical wetland/watercourse area and continued toward the upland. Soil morphology was observed at soil sampling points along the transect lines perpendicular to the wetland/watercourse boundary. At each transect, the boundary between the upland and wetlands/watercourses were marked with pink surveyor's tape labeled "WET". Each flag was numbered sequentially from 1 to 20 along the edge of the northern wetland watercourse area and 21-23 along the small wetland finger located within the eastern corner.

WETLANDS/WATERCOURSES REGULATORY DEFINITION

The Inland Wetlands and Watercourses Act (Connecticut General Statutes section 22a-38) defines inland wetlands as *land, including submerged land... which consists of any soil types designated as poorly drained, very poorly drained, alluvial, and floodplain.*

Watercourses are defined in the statutes as *rivers, streams, brooks, waterways, lakes, ponds, marshes, swamps, bogs and all other bodies of water, natural or artificial, vernal or intermittent, public or private, which are contained within, flow through or border upon the state or any portion thereof.*

Intermittent watercourse: is determined by a defined permanent channel and bank and the occurrence of two or more of the following characteristics:

- Evidence of scour or deposits of recent alluvium or detritus,
- Presence of standing or flowing water for a duration longer than a particular storm incident, and
- Presence of hydrophytic vegetation.

WETLAND/WATERCOURSE DESCRIPTION

The regulated area consists of a swamp located off-site to the north. The edge of the swamp is delineated by a channel occupied by a perennial stream which flows along the northern property line. There is a man-made channel located to the south connecting a small depressional wetland to the perennial stream. This remnant wetland was separated during the road construction. A small wetland finger was found within the eastern corner of the site. This man-made trench is fed by the overflow from the off-site wetland also fragmented by the construction of Little Brook Lane. Both wetland/watercourse systems are naturally wooded and supported by narrow stand of trees and shrubs.

WETLAND SOILS

The soils were classified using soil criteria and maps developed by USDA Natural Resource Conservation Service.

3 – Ridgebury, Leicester, and Whitman extremely stony fine sandy loams: This unit consists of poorly, drained and very poorly drained soils.

The Ridgebury soils have a surface layer of very dark grayish brown fine sandy loam. The subsoil is brown and light brownish gray, mottled fine sandy loam. The substratum is grayish brown and dark yellowish brown, mottled fine sandy loam.

The Leicester soils have a surface layer of black fine sandy loam. The subsoil is brown, mottled fine sandy loam and gravelly fine sandy loam. The substratum is olive brown, mottled gravelly fine sandy loam.

The Whitman soils have a surface layer of very dark gray fine sandy loam. The upper section of subsoil is dark and grayish brown gravelly fine sandy loam. The lower section of subsoil is grayish brown, mottled fine sandy loam. The substratum is very firm, grayish brown, mottled gravelly fine sandy loam.

Including with this unit in mapping are small areas of moderately well drained Woodbridge and Sutton soils and very poorly drained Adrian and Scarborough soils.

The major soils in this unit have a seasonal high water table at or near the surface from fall through spring.

UPLAND SOILS

73C—Charlton-Chatfield complex, 0 to 15 percent slopes, very rocky

Charlton: soil is found over the hills and ridges. The parent material consist of coarse-loamy melt-out till derived from granite and/or schist and/or gneiss. The depth to

restrictive layer is more than 80 inches. This is a well-drained soil series with ground water table at 80 inches.

Typical profile

- 0 to 4 inches: fine sandy loam
- 4 to 7 inches: fine sandy loam
- 7 to 19 inches: fine sandy loam
- 19 to 27 inches: gravelly fine sandy loam
- 27 to 65 inches: gravelly fine sandy loam

Chatfield: soil is well drained with ground water table expected below 80 inches. The surface area tend to be covered with cobbles, stones or boulders. The depth to the lithic bedrock hovers from 20 to 40 inches.

Typical profile

- 0 to 1 inches: highly decomposed plant material
- 1 to 6 inches: gravelly fine sandy loam
- 6 to 15 inches: gravelly fine sandy loam
- 15 to 29 inches: gravelly fine sandy loam
- 29 to 80 inches: unweathered bedrock

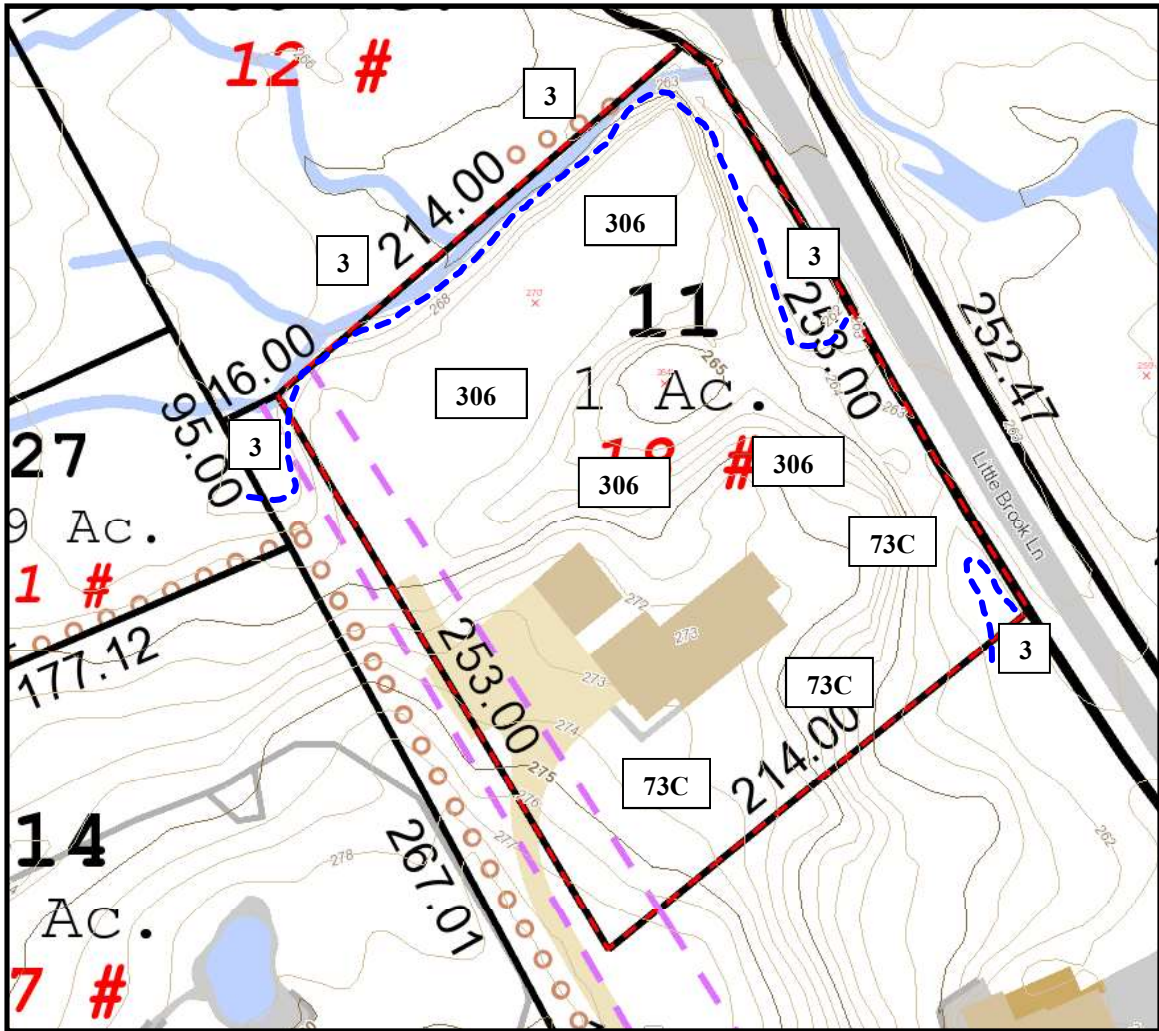
306—Udorthents-Urban land complex

This unit consists of areas that have been altered by cut and/or fill. The slopes in this area are from 0 to 25 percent. The depth to restrictive feature are more than 80 inches. This is a well drain soil with water table hovering between 54 and 72 inches.

Certified by:



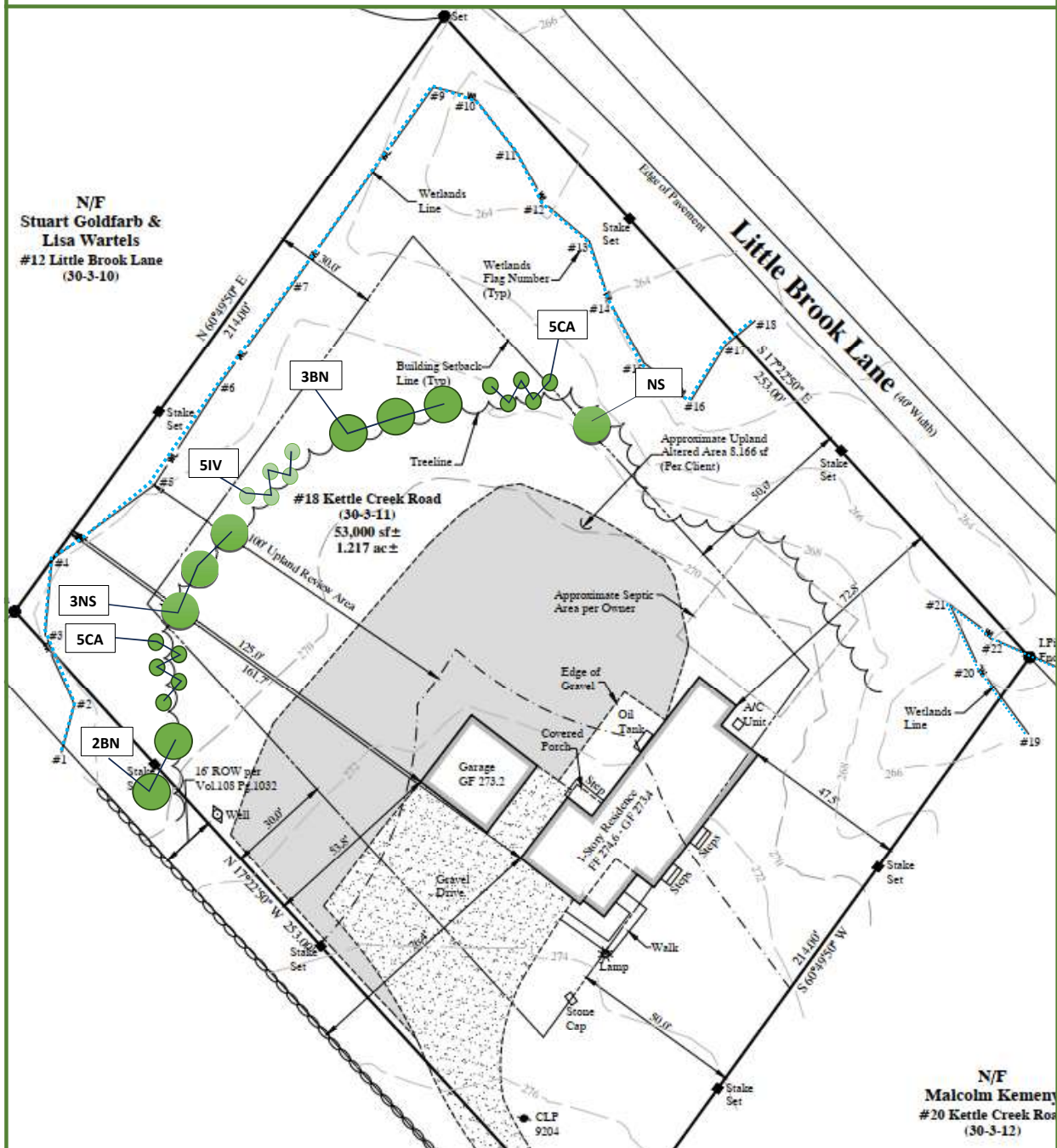
Aleksandra Moch
Wetland & Soil Scientist



WETLAND BUFFER MITIGATION PLAN

18 KETTLE CREEK ROAD, WILTON, CT

BY ALEKSANDRA MOCH LANDSCAPE DESIGNER, OCTOBER 5, 2023



PLANTING SCHEDULE

QTY	KEY	BOTANICAL/COMMON NAME	SIZE	ROOT
5	BN	Betula nigra / River birch	6-8'	B&B
4	NS	Nyssa sylvatica / Tupelo	6-8'	B&B
10	CA	Clethra alnifolia / Summer sweet	#3	Cont.
6	IV	Ilex verticillata / Winterberry	#5	Cont.