WETLAND DELINEATION

FOR THE PROPERTY LOCATED AT

33 WOODS GROVE ROAD
WESTPORT, CONNECTICUT

REPORT PREPARED BY

ALEKSANDRA MOCH

SOIL & WETLAND SCIENTIST

LANDSCAPE DESIGNER, CPESC

GEOLOGIST/HYDROGEOLOGIST

July 12, 2024

SITE DESCRIPTION

The property is located on the western side of Woods Grove Road in Westport, CT. The western property line runs along the Saugatuck River. This 0.3-acre site supports a single-family residence with a driveway. The area is level and maintained as a lawn with shrubs and trees growing along the edges.

METHODS

Wetland identification was performed on July 12, 2024 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 watercourse area and continued toward the upland. Soil morphology was observed at soil sampling points along the transect lines perpendicular to the watercourse boundary. At each transect, the boundary between the upland and watercourse was marked with pink surveyor's tape labeled "*WET*". Each flag was numbered sequentially from 1-5 along the eastern edge of the channel.

WETLANDS/WATERCOURSES REGULATORY DEFINITION

The Inland Wetlands and Watercourses Act (Connecticut General Statues 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 statues 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 marked in the field consists the Saugatuck River which flows along the western property line. The area is demarcated by a split rail fence which provides

Aleksandra Moch, 44 Lewelyn Road Stamford, CT 06902
cell: (203) 550 9373, aleksandra_moch@yahoo.com

safety and separates aquatic habitat from human activities. In addition, the water side of the fence allows for natural vegetation to grow.

WETLAND SOILS

No wetland soils were found at the site.

UPLAND SOILS

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

229B—Agawam-Urban land complex, 0 to 8 percent slopes

Agawam soil is well-drained and occurs on outwash plains or terraces. The parent material consists of coarse-loamy eolian deposits over sandy and gravelly glaciofluvial deposits derived from granite and/or schist and/or gneiss. The depth to the groundwater table exceeds 80 inches.

Typical profile

- *0 to 8 inches:* fine sandy loam
- *8 to 14 inches:* fine sandy loam
- *14 to 24 inches:* fine sandy loam
- *24 to 60 inches:* stratified very gravelly coarse sand to fine sand

Urban Land

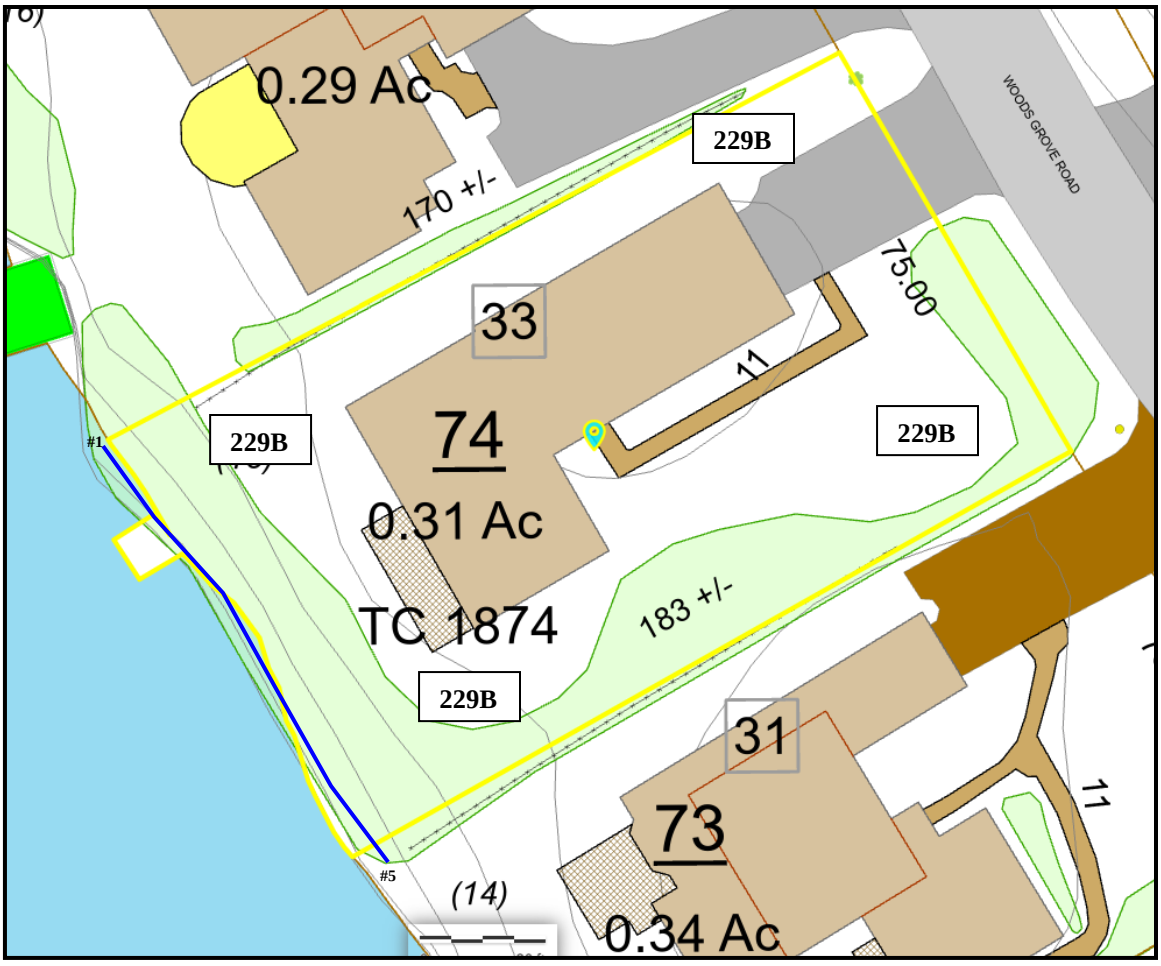
Typical profile

- *0 to 6 inches:* material

Certified by:

Aleksandra Moch
Wetland & Soil Scientist

Aleksandra Moch, 44 Lewelyn Road Stamford, CT 06902
cell: (203) 550 9373, aleksandra_moch@yahoo.com



Aleksandra Moch, 44 Lewelyn Road Stamford, CT 06902
cell: (203) 550 9373, aleksandra_moch@yahoo.com