

December 16, 2023

Wetland Delineation Report

94 Somerstown Road (Rt. 133)
Ossining, New York

Introduction:

A wetland delineation was conducted at 94 Somerstown Road on December 14, 2023 by Mary Jaehnig, soil scientist. The 6+ acre property is located on the southern side of Somerstown Road and is undeveloped.

A wetland is located adjacent to the road. Slopes ascend to the south past the wetland. The site is within the watershed to Sing-Sing Brook and the Hudson River.

The property offsite to the west and adjacent to the wetland has been regraded in the past. The disturbance may have impeded the drainage of surface water to the west.

Soils and Vegetation:

Soil samples were obtained using a spade and auger. Features noted include color, texture and depth to hydric indicators. Soils were classified according to guidelines established by the USDA NRCS.

The upland soil on site is Chatfield-Hollis Rock outcrop complex. Chatfield-Hollis Rock outcrop complex with steep slopes consists of Chatfield loam, Hollis loam, and areas of bedrock outcrops and boulders.

Chatfield fine sandy loam is somewhat deep and well drained and formed in glacial till. Depth to bedrock averages 20 to 40 inches below grade. Hollis fine sandy loam is shallow and somewhat excessively drained with a depth to bedrock of approximately 16 inches below grade. The depth to the water table is usually greater than 6 feet below grade for both loams.

The uplands are wooded with mature trees that include sugar maple, Norway maple, red oak, white oak, shagbark hickory and conifers. The shrub story is

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sparse but includes multiflora rose and Japanese barberry. Groundcover includes garlic mustard and Christmas fern.

The wetland soil is Leicester loam, stony. This soil is deep, poorly drained and also formed in glacial till. The water table is located close to the surface from late fall into early spring. Stones and boulders occur on the surface.

There are small, unmapped uplands within the wetland and areas of standing water. The tree canopy consists of red maple and ash with a sparse shrub story and sparse groundcover.

Sincerely,

A handwritten signature in cursive script that reads "Mary Jaehnig".

Mary Jaehnig
soil scientist