

JAMES SIPPERLY
CERTIFIED SOIL SCIENTIST
CONNECTICUT WETLAND SCIENTIST
401 SALEM TURNPIKE BOZRAH, CT 06334
860-334-7073
james.sipperly.js@gmail.com



Margery C B Winters, Chairperson
Conservation Commission/Inland Wetlands and Watercourses Agency
Town of Simsbury, CT
933 Hopemeadow Street
Simsbury, CT 06070

March 6, 2023

RE: INLAND WETLAND SOILS AND WATERCOURSES INVESTIGATION AND
DELINEATION – 58 GREAT POND ROAD, SIMSBURY, CT

Dear Chairperson Winters:

On February 12, 2023, I conducted a field site investigation to investigate the site referenced above to determine if any inland wetlands and/or watercourses exist on the site.

I sampled the soils throughout the site using a soil auger to a depth of 2-3 feet. Based on my field observations and using the guidelines established by the National Cooperative Soil Survey and as defined by the Connecticut General Statutes, I delineated the inland wetland soils and watercourses on the site.

I delineated the inland wetland soils and watercourses using blue flagging numbered 1-12. The inland wetlands soils are associated with an unnamed watercourse at the base of a shallow slope at the rear of the property. These soils are classified as a very poorly drained Scarboro muck. The Scarboro soil series consists of very poorly drained soils that formed in water-sorted sand and gravel. Scarboro soils are on outwash plains and stream terraces. Slopes range from 0-3 percent.

When a Soil Scientist conducts a High Intensity Soil Survey (HISS), the soil delineation and investigation is limited to the actual specific site being developed. This is for obvious reasons primarily such as a trespass on private adjacent property.

The Town of Simsbury GIS map indicates that there are inland wetland soils in the southwest corner of the lot. This GIS map serves as the official wetlands map for the town. These types of maps are created using methods and techniques that are applied on a town wide basis. The accuracy of these maps is not anywhere near the accuracy of an actual field site visitation and delineation by a soil scientist.

I sampled this area and there are no inland wetland soils that were identified. There was no redoximorphic features (mottling) within 20" deep from the ground surface. This area is located in an existing field which is used for hay and possibly other crops periodically like corn silage. The soil horizons appeared to be disturbed by plowing. This area contains soils that I would classify as a Sudbury sandy loam. Most of these soils in Connecticut are used for hay, corn and pasturelands.

I will note that there was some ponded water scattered on the surface of the ground in this location. This area is right along the existing property line. This water was also visible on the adjacent property as well and appears to be generated from the adjacent property and may be possibly a seasonal seep and may storm water from the road. I cannot be sure because I did not trespass on the adjacent property.

If you have any questions or require further information, please contact me at the number referenced above.

Very truly yours,

James Sipperly

Certified Soil Scientist, Society of Soil Scientists of Southern New England
Connecticut Wetland Scientist, Connecticut Association of Wetland Scientists