

STANSFIELD ENVIRONMENTAL SERVICES

95 West Side Road, Goshen, Ct. 06756
860-491-2230

November 26, 2011

Mr. Ken Hrica P.E. L.S.
Hrica Associates LLC
P.O. Box 1861
Litchfield, Ct. 06759

Mr. Hrica,

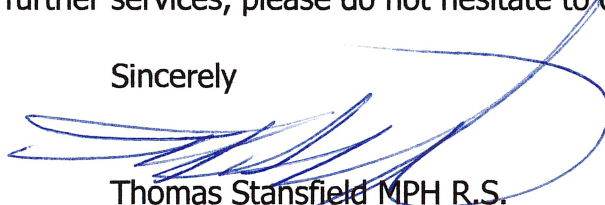
As requested I have investigated the Glenn property at the corner of Pumping Station and Weed Roads in Torrington, Ct. for the presence of inland wetlands. A spade and auger were utilized to determine soil identification as per S.C.S. standards and criteria. The principle indicator for delineating poorly drained soils were soil mottles resulting from periodic or continuous inundation or soil types identified as alluvial. It is strongly advised that the wetland flags be located by survey as soon as possible to avoid loss or destruction.

The entire parcel was investigated and found to contain soils considered inland wetland in Connecticut. The Timber Lake shoreline was delineated as a wetland area by default and a small band of wetland area just to the west of the shore was also identified. This band appears to be the remains of a larger wetland area filled in many years ago. The land between these two wetland areas has been mapped as 'made land' as evidenced by the numerous sinkholes and depressions left when the fill material settled. West of the north south property line starting on Weed Road is a small area of poorly drained Leicester, Ridgebury, Whitman sandy loam, the result of ground water seeping from the glacial till soils and then re-entering the soils as the slopes increase. It is not unusual for these seeps to develop in this particular soil series.

The upland soils appear to be a mixture of moderately well drained Woodbridge and Paxton soils, each underlain by a compact glacial till and well drained Charlton/Canton soils. The predominant soil series is the Paxton which is very common to the area. Care should be taken when selecting plants for Woodbridge soils to ensure they tolerate high ground water. Charlton and Canton soils are very well suited to gardening and landscape development and can be found on the highest elevations of the property, nearest the existing residence and generally speaking, the maintained portion of the lawn area.

Should you require further services, please do not hesitate to call.

Sincerely



Thomas Stansfield MPH R.S.
Professional Soil Scientist
Registered Sanitarian

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SOIL REPORT

Project: Glenn Property

Location: Weed and Pumping Station Roads, Torrington, Ct.

Date: 11-26-11

Weather: Sunny, warm

Map information:

Title: property survey prepared for Helen Glenn, Weed and Pumping Station Road, Torrington, Ct. by David Little L.S. dated 1-12-05

Scale: 1:10 Contour Interval: none Acres: 4.1 acres

Wetland Boundary Flag Numbers: pink surveyor type numbered 101 to 106, 107 to 113, then 114 to 119 and 201 to 209

WETLAND SOILS:

Lg 3 Leicester, Ridgebury, Whitman Poorly to very poorly drained undifferentiated grouping of wetland soils.

NON-WETLAND SOILS:

Wx 46 Woodbridge Moderately well drained fine sandy loams underlain by a compact glacial hardpan which restricts downward water movement.

Ca/Ch 62 Canton Charlton Well to very well drained close association of two common sandy to sand and gravel loams

Pd 86 Paxton Well drained stoney fine sandy loams underlain by a glacial hardpan.

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