

# SOIL SCIENCE AND ENVIRONMENTAL SERVICES, INC.

545 Highland Avenue • Route 10 • Cheshire • Connecticut • 06410 • (203) 272-7837 • Fax (203) 272-6698

## SOIL REPORT

TO: William W. Seymour & Associates  
170 Noroton Avenue  
Darien, CT 06820

SSS Job No. 2001-8-CT-NOR-1  
Client Job No. \_\_\_\_\_  
Site Inspection Date January 11, 2001

PROJECT TITLE AND LOCATION Wee Burn Beach Club, Roton Avenue, Norwalk, CT

PROJECT DESCRIPTION: *Inland wetland identification and classification of soils*

### METHOD FOR IDENTIFICATION OF MAP UNITS

#### Wetlands

- Field marking (flagging) for survey.*
- Field plotting on Topographic Map, scale: 1"=100', contour: 2 ft.*
- Field plotting on aerial photography.*

#### Non Wetland Soils

- High intensity field identification by Soil Scientist.*
- Medium intensity identification from USDA, Soil Conservation Service Soil Maps.*

### METHOD OF SOIL IDENTIFICATION

- Spade and Auger*
- Deep test pits (backhoe)*
- Other \_\_\_\_\_*

### SOIL MOISTURE CONDITION

- Dry*  *Moist*  *Wet*
- Frost Depth 0-3 in.
- Snow Depth 3-6 in.

*The classification system of the National Cooperative Soil Survey, USDA, Soil Conservation Service and the County Identification Legend were used in this investigation. The investigation was conducted by the undersigned Certified Soil Scientist.*

*All wetland boundary lines established by the undersigned Soil Scientist are subject to change until officially adopted by local, state or federal regulatory agencies.*

Respectively submitted by  
SOIL SCIENCE AND ENVIRONMENTAL SERVICES, INC.

Thomas W. Pietras  
Soil Scientist  
Field Investigator

Thomas W. Pietras

Approved by  
Kenneth C. Stevens, Jr.  
Principal Soil Scientist

See attached page(s)

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FIELD SHEET

03

# SOIL REPORT *continued*

PROJECT TITLE: Wee Burn beach Club, Roton Avenue, Norwalk, CT

## MAPS/PLANS TRANSMITTED TO CLIENT

- Sketch location of Wetlands and other Soil Types.
- None

## NUMBERING SEQUENCE OF WETLAND BOUNDARY LINE MARKERS

1 THRU 12

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## SUMMARY SOIL DESCRIPTIONS

### WETLAND SOILS

Aquents (Aq). This is poorly to very poorly drained disturbed soil where two or more feet of the original soil surface has been filled over or excavated. Aquents are characterized by a seasonal to prolonged high groundwater table and either support or are capable of supporting wetland vegetation.

Walpole fine sandy loam (Wd). This is a poorly drained, moderately coarse over coarse textured, friable over loose glacial fluvial (outwash) soil.

### NONWETLAND SOILS

Rock outcrop - Hollis complex (Rp). This complex is excessively drained and consists of 50 percent or more of exposed bedrock and a lesser amount of shallow to bedrock, somewhat excessively drained, moderately coarse textured, friable glacial till soil.

Udorthents, smoothed (UD). This is a well to moderately well drained disturbed soil that has had two (2) feet or more of its original soil surface excavated or filled.

Urban Land (Ur). This unit consists of areas where urban structures such as buildings, roads and parking lots, cover more than 85 percent of the surface.

### BEACHES

Beaches (Ba). This unit consists of beaches along the shore of Long Island Sound. The lower areas are subject to tidal inundation; the higher areas are inundated by storm tides.

For further information about the soils, refer to Soil Survey of Fairfield County, Connecticut.

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