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# JMM WETLAND CONSULTING SERVICES, LLC

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September 23, 2019

Mr. George Hermann  
Windsor Federal Savings  
250 Broad Street  
Windsor, CT 06095

**RE: *Site Investigation***  
395 Buckland Road, South Windsor, Connecticut

*JMM Job # 19-2500-SWN-5*

Dear Mr. Hermann:

Per your request, Mr. James McManus of **JMM Wetland Consulting Services, LLC** (JMM) conducted a site visit at the above-referenced site on September 17<sup>th</sup>, 2019. The purpose of the investigation was to verify the absence or the presence of regulated wetland areas in accordance with the State of Connecticut Statutes. The subject site is located west of Buckland Road and north of Deming Street, in South Windsor, CT. The site is comprised of a vacant lot within maintained lawn (see Figure 1, attached).

The soil types were found to be a disturbed throughout the subject site. These disturbed upland soils were mapped as the Udorthents-Urban Land (306) mapping complex.

**Udorthents-Urban Land complex (306).** This soil mapping unit consists of well drained to moderately well drained soils that have been altered by cutting, filling, or grading. The areas either have had two feet or more of the upper part of the original soil removed or have more than two feet of fill material on top of the original soil. *Udorthents-Urban Land* or Made Land soils can be found on any soil parent material but are typically fluvial on glacial till plains and outwash plains and stream terraces.

JMM carefully reviewed the subject site with the use of a hand-held soil auger and spade, to a minimum depth of 24-inches and it was determined that no poorly or very poorly drained soils or watercourses were identified on the overall property.

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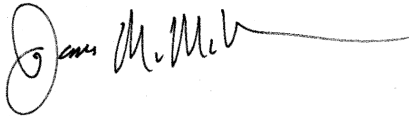
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**JMM**

Please call us if you have any questions on the above or need further assistance.

Respectfully submitted,

**JMM WETLAND CONSULTING SERVICES, LLC**

A handwritten signature in black ink, appearing to read "James M. McManus", with a long horizontal flourish extending to the right.

James M. McManus, MS, CPSS  
Certified Professional Soil Scientist (No. 15226)

Attachments: Figure 1, NRCS Web Soil Survey

# Town of South Windsor

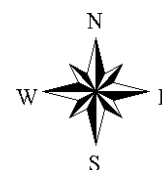
Geographic Information System (GIS)



## **MAP DISCLAIMER - NOTICE OF LIABILITY**

This map is for assessment purposes only. It is not for legal description or conveyances. All information is subject to verification by any user. The Town of South Windsor and its mapping contractors assume no legal responsibility for the information contained herein.

Approximate Scale: 1 inch = 50 feet






Soil Map—State of Connecticut  
(395 Buckland Road, South Windsor, CT)




## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

### Water Features



Streams and Canals

### Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

### Background



Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: State of Connecticut

Survey Area Data: Version 18, Dec 6, 2018

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Aug 27, 2016—Oct 30, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
12	Raypol silt loam	4.9	7.1%
28A	Elmridge fine sandy loam, 0 to 3 percent slopes	0.9	1.3%
28B	Elmridge fine sandy loam, 3 to 8 percent slopes	7.9	11.3%
29A	Agawam fine sandy loam, 0 to 3 percent slopes	0.1	0.1%
29B	Agawam fine sandy loam, 3 to 8 percent slopes	3.5	5.0%
53A	Wapping very fine sandy loam, 0 to 3 percent slopes	0.3	0.4%
66B	Narragansett silt loam, 2 to 8 percent slopes	1.1	1.6%
66C	Narragansett silt loam, 8 to 15 percent slopes	0.0	0.0%
107	Limerick and Lim soils	3.6	5.2%
108	Saco silt loam	6.5	9.3%
306	Udorthents-Urban land complex	10.9	15.6%
701B	Ninigret fine sandy loam, 3 to 8 percent slopes	0.4	0.6%
702B	Tisbury silt loam, 3 to 8 percent slopes	19.2	27.6%
704A	Enfield silt loam, 0 to 3 percent slopes	0.5	0.8%
704B	Enfield silt loam, 3 to 8 percent slopes	9.9	14.2%
<b>Totals for Area of Interest</b>		<b>69.7</b>	<b>100.0%</b>