
JMM WETLAND CONSULTING SERVICES, LLC

**23 Horseshoe Ridge Road
Newtown, CT 06482**

Phone: 203-364-0345
Mobile: 203-994-3428
james@jmmwetland.com
jmmwetland.com

April 5, 2023

Town of South Windsor
Inland Wetlands Agency/Conservation Commission
1540 Sullivan Avenue
South Windsor, CT 06074

RE: **WETLANDS/WATERCOURSES DELINEATIONS**
75 Connecticut Avenue, South Windsor, Connecticut

JMM Job # 21-2770-SWN-2

Dear Commissioners:

This letter report is a supplement to the On-Site Soil Investigation Report completed back on February 22, 2023. As you recall, **JMM Wetland Consulting Services, LLC** (JMM) completed a soil-based wetland delineation back on March 29th, 2021. At that time JMM demarcated regulated wetlands along the western and northern portions of the site. As can be seen from Figure 1, attached a previous delineation had somewhat less regulated areas than the more recent JMM regulated boundary.

The overall site is highly disturbed and was used several decades in the past for sand and gravel mining. JMM carefully reviewed the site's soils, focusing on the area where the more substantive difference between the two delineations was observed. Although these soils were predominately disturbed, active indicators such as oxidized rhizospheres and redoximorphic features (i.e., mottles) were present in sufficient amounts within the 20-inch diagnostic soil depth. Therefore, in JMM's opinion these soils are poorly drained, and thus, regulated as wetlands.

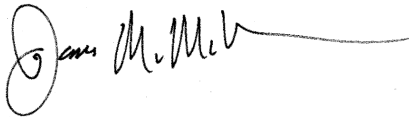
It is worth noting that an excavated ditch type feature left over from the former gravel mining was observed/reviewed within the eastern portion of the site for its regulatory status. After a careful review it was determined that feature is not a regulated intermittent watercourse.

Although technically this feature has a channel and bank, other characteristics necessary for an intermittent watercourse determination were not present. These include flow or ponding of water, and a hydrophytic vegetation community. Moreover, no poorly or very poorly drained soils were observed within this landscape feature.

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

File: G:\jobs\4613\Engineering\AutoCAD\4613 Site Planning Layout 02 C-SP1 Plotted: 3/31/2021 12:41 PM Last Saved: 3/19/2021 11:47 AM Last Saved By: glennmarten

