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**RECEIVED**  
**7.25.2023**  
East Hampton  
Land Use Dept.

Joshua Wilson, Chairman  
Inland Wetlands and Watercourses Commission  
Town of East Hampton, CT  
East Hampton Town Hall  
1 Community Drive  
East Hampton, CT 06424

July 22, 2023

RE: INLAND WETLANDS AND WATERCOURSES INVESTIGATION  
AND DELINEATION- FLANDERS ROAD ESTATES LLC, MAP 26  
BLOCK 87 LOT 6

Dear Chairman Wilson:

On October 22, 2023 I conducted a field site visitation to the property referenced above to delineate any inland wetland soils and/or watercourses that may 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 using blue flagging numbered 1-32, 1A-53A, 1B-9B respectively.

The inland wetland soils delineated by flags 1-32 are classified as a very poorly drained Saco silt loam. These soils are formed in alluvial stratified sand and silt loams. These soils are on low flood plains along streams and rivers and are frequently flooded. This area is adjacent to the existing airline trail and has had some grading and deposition from the work along the trail for drainage improvements.

For the inland wetland flag series 1A-53A, only flags 14A-49A are shown on the plans because when I conducted my soil investigation the property lines were not clear and the adjacent property removed the other flags that were advertently placed on his property. We spoke in the field to resolve that issue. These wetland soils are classified as a Ridgebury, Leicester Whitman extremely stony fine sandy loam. These soils are mapped together as a complex because of their similar physical characteristics, use ad management. They are found in drainage ways in glacial till uplands.

Inland wetland flags 1B-9B are also classified as a Ridgebury, Leicester Whitman fine sandy loam located in an isolated depression in the glacial till uplands.

The upland soils are classified as a moderately well drained Woodbridge fine sandy loam and transition into a well drained Paxton fine sandy loam and well drained Canton and Charlton fine sandy loam.

All of the wetland areas located on the site are classified as a forested wetland general classification. This wetland area has functions that include: groundwater recharge and discharge, sediment stabilization, nutrient removal and transformation, product export, and wildlife diversity and habitat. The vegetative over-story includes maples, ash, black cherry and poplar. Shrub species include, winterberry, spice bush, silky dogwood. The herbaceous layer includes sensitive fern, poison ivy, wild grape, jack in the pulpit and skunk cabbage.

The wetland area has a diverse native vegetation population at the herbaceous, shrub and tree layers. No evidence of invasive species was observed. I expect that an abundance of wildlife utilizes this wetland corridor as a source of food, water and shelter.

The proposed development in the upland review area will not be disturbing any wetlands and/or watercourses on or adjacent to the site. For that reason, the inland wetlands will continue to perform their functions as they currently do.

With any proposed project a comprehensive erosion and sedimentation control plan well designed and properly installed and maintained is the key to a successful project. Regular inspections should occur, especially after storm events of more than 1.5" of rain.

After reviewing the erosion and sedimentation control plans and the storm water design features, it is my professional opinion that the proposed construction activities will not have a significant adverse effect on the adjacent inland wetlands and/or watercourse on or off the site.

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

Very truly yours,

*James Sipperly*

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Certified Soil Scientist, Society of Soil Scientists  
Connecticut Wetland Scientist, Connecticut Association of Wetland Scientists