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Woodcliff Lake, New Jersey 07677
Main: 877 627 3772



VIA EMAIL
February 28, 2025

Mr. Richard Cohn
40 Eagle Ridge Way
West Orange, NJ

Storm Water Management Plan
Soil Testing – 40 Eagle Ridge Way
Township of West Orange, Essex County, NJ
Project No. 24006174A

Dear Ms. Cohn,

In furtherance of our agreement to provide you with a Stormwater Management Plan and in response to the request from the West Orange Planning Board during the hearing held on February 13, 2025, we conducted test pits and soil permeability testing on February 18, 2025.

Francesco Sanchez-Dominici, PE, the geotechnical engineer with Colliers supervised the excavation of 5 test pits and performed an infiltration test and Phil Scott from Matrix New World Engineering was also present to observe the testing. The previously submitted stormwater management design used a calculated 0.5"/hr infiltration rate for the proposed system. The tests yielded 6"/hr results so the system is actually significantly over-designed for the required results.

Attached is the Geotechnical Report showing the location of the test pits and the resulting raw data from the testing.

Please do not hesitate to contact the undersigned or any member of the team serving on this project for further information or explanations of the testing and results.

Sincerely,

Colliers Engineering & Design, Architecture, Landscape Architecture, Surveying, CT P.C.

A handwritten signature in black ink, appearing to read "Jesse Cokeley".

Jesse Cokeley, PE
Geographic Discipline Leader

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