

Environmental Land Solutions, LLC

Landscape Architecture & Environmental Planning

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March 4, 2021

Inland Wetlands Commission

Town Hall Annex

238 Danbury Road

Wilton, CT 06897

Re: Significant Corrective Action Permit Assessment - Supplement
220 Nod Hill Road, Wilton, CT

Dear Commission Members:

Environmental Land Solutions, LLC (ELS) has been requested by Herman and Candice Behrens, owners of the referenced property, to prepare this project supplement in response to staff concerns on soil stability.

The affected area, east of the house, has the following existing conditions;

1. Slopes range from 15–40%.
2. Soils in the work area are classified as Hollis-Rock crop Charlton complex, excessively well drained, with moderate to moderate rapid permeability.
3. Soils are identified as a “slight” erosion hazard due to the high permeability.
4. ELS observed that the existing slope was vegetation with grass in the summer of 2020.

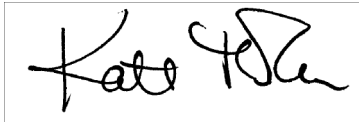
ELS has the following additional information, observations and recommendations.

- a. The slope is currently stable.
- b. The soils are expected to remain stable as long as the surface is maintained with a vegetated or mulched covering.
- c. The Planting Plan, prepared by ELS, includes trees and shrubs along the lower reaches of the slope, and a meadow grasses cover over the western half of the area.
- d. During the meadow establishment period, if any exposed soils are created, a biodegradable/ straw erosion control blanket can be used to aid in erosion prevention. “BioNet S75BN” by North American Green or approved equal is recommended for these areas. When properly used this product will reduce surface

erosion from rain, and promote new germination by retaining moisture. This recommendation will be added to the approved plan.

Following the recommended preventative measures above is expected to prevent significant erosion from occurring over the slopes while vegetation is establishing. Once vegetation is established the threat of erosion and sedimentation will be minimized.

Sincerely,

A handwritten signature in black ink, appearing to read "Kate Throckmorton", enclosed within a thin black rectangular border.

Kate Throckmorton, ASLA
Landscape Architect
Certified Professional in Erosion and Sedimentation Controls (CPESC)

cc: Herman Behrens

Nod Hill Road 220-Wilton rpt4.wpd