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14 January 2026

Ms. Kristine Sullivan
Inland Wetlands
11 Meetinghouse Lane
Woodbridge, CT

RE: 27 Beecher Road
Martin Brogie, Inc Review

Ms. Sullivan:

This memo provides an overview of the proposed stormwater management system and its relationship to the upland review area, with a focus on expected discharge volumes and flow paths toward the wetlands.

1. The updated level spreader layout shifts the level spreaders from the south side of the proposed building to the east side of the building and keeps the spreader system outside the regulated area. The engineering reports pre-date this design change. We suggest the Engineer provide revised reports reflecting the design change or a statement as to why all drainage calculations remain unchanged.

    - **With the exception of the relocation of the level spreaders, no changes have been made to the primary stormwater conveyance or treatment components. The contributing drainage areas, impervious coverage, storage volumes, and discharge rates remain unchanged. Accordingly, the stormwater calculations contained in the current report continue to represent the proposed system design and remain valid. Should the Commission request additional clarification, a supplemental statement can be provided.**

2. The change in design will also affect the location of erosion control measures installed downgradient (east) of the project. Revised plans should reflect the new location of the E&S measures. E&S measures should be held as close to the proposed construction as possible since they demarcate the limit of disturbances which could be located in the regulated area.

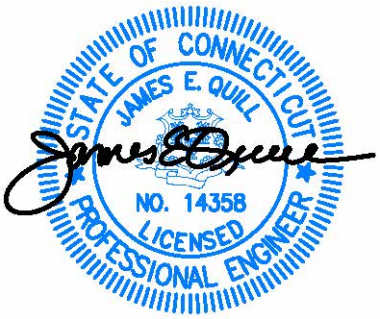
    - **Comment acknowledged. The Erosion and Sediment Control Plan will be revised to reflect the relocated level spreader and associated E&S measures. Updated details are shown on Sheet C-4.1, Erosion & Sediment Control Plan, which will be resubmitted for Commission review.**

3. A peak overflow rate of 7.13 cubic feet per second has been provided for the level spreader discharges. Thes discharges will be delivered to a relatively level area that will be restored with a Conservation/Wildlife Seed mix in the area of disturbance associated with spreader installation. MBI suggests that specifications for the seed mix and the source be provided. Further, to mitigate stormwater discharge volumes to the grassed area below the level spreader system, and to further ensure soil stability, MBI suggests the installation of a "no-mow" native seed mix, native shrubs, and native trees to further promote infiltration, transpiration, and reduce the risk of future erosion.

   - **Restoration seed mixtures have been specified using native conservation mixes supplied by New England Wetland Plants, South Hadley, Massachusetts. The applicable seed mix specifications are included with this response and will be incorporated into the planting plan.**
   - **The restoration areas are intended to be maintained as non-mown meadow habitat following establishment, except where limited maintenance may be required to address site-specific concerns such as targeted invasive species management, subject to Commission approval.**

4. MBI observed several red flags along the delineated wetland line. All of the flags indicated on the plan were not observed in the field and flag numbers were largely illegible. Using a hand auger and keying off of flags that were present, MBI conducted a series of borings upgradient of the wetland line. In the area of apparent Wetland Flag #20, we noted that topography was very flat, with no changes in microtopography that typically (but not always) provide visual clues for changes in soil type. Approximately 15 feet upgradient of the flag, we encountered a gleied B horizon with 15-25% high chroma mottles. (see photos). These observations are consistent with poorly drained soils. As such, it is our opinion that the wetland flag is too low in the landscape and the line should be moved further west. Similarly, in the northeast area of the proposed development, upgradient of the installed silt fence and approximately 15-20 feet upgradient of the apparent Wetland Flags #'s 4 and 5, we encountered similar soil conditions, consistent with poorly drained soils. As such, it is our opinion that the wetland flag is too low in the landscape and the line should be moved further southwest. The wetland test point completed by MBI in this area was upgradient of the silt fence suggesting that a portion of the wetland has been cleared in this area (See Photos). MBI suggest that the flag locations should be remarked in the field using survey and that the line be reevaluated by the project Soil Scientist. MBI did not evaluate the entire wetland line.

   - **The wetland boundary was delineated in accordance with standard methodologies and applicable regulatory guidance. In response to these comments, the Applicant's Soil Scientist has reviewed the referenced areas and provides a separate response addressing the wetland flag locations and delineation methodology. The Applicant remains willing to coordinate additional field review with Commission staff, if requested.**



Thank you.
James E. Quill

James E. Quill, P.E.

CT PE # 14358

NEW ENGLAND WETLAND PLANTS, INC

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New England Conservation/Wildlife Mix

Botanical Name	Common Name	Indicator
Elymus virginicus	Virginia Wild Rye	FACW-
Schizachyrium scoparium	Little Bluestem	FACU
Andropogon gerardii	Big Bluestem	FAC
Festuca rubra	Red Fescue	FACU
Sorghastrum nutans	Indian Grass	UPL
Panicum virgatum	Switch Grass	FAC
Chamaecrista fasciculata	Partridge Pea	FACU
Desmodium canadense	Showy Tick Trefoil	FAC
Asclepias tuberosa	Butterfly Milkweed	NI
Bidens frondosa	Beggar Ticks	FACW
Eupatorium purpureum (Eutrochium maculatum)	Purple Joe Pye Weed	FAC
Rudbeckia hirta	Black Eyed Susan	FACU-
Aster pilosus (Symphyotrichum pilosum)	Heath (or Hairy) Aster	UPL
Solidago juncea	Early Goldenrod	

APPLY: 25 LBS/ACRE :1750 sq ft/lb

The New England Conservation/Wildlife Mix provides a permanent cover of grasses, wildflowers, and legumes For both good erosion control and wildlife habitat value. The mix is designed to be a no maintenance seeding, and is appropriate for cut and fill slopes, detention basin side slopes, and disturbed areas adjacent to commercial and residential projects.

New England Wetland Plants, Inc. may modify seed mixes at any time depending upon seed availability. The design criteria and ecological function of the mix will remain unchanged. Price is $/bulk pound, FOB warehouse, Plus SH and applicable taxes.