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June 1, 2016

Mr. John Radcliffe
Chairman
New Bedford Conservation Commission
New Bedford City Hall
133 William Street
New Bedford, MA 02744

RE: Nitsch Project #9972
Northside Farm
Review Letter
New Bedford, MA

Dear Mr. Radcliffe:

This letter is in regards to the proposed Northside Farm project located between Acushnet Avenue, Phillips Road, and Victoria Street in New Bedford, Massachusetts. Nitsch Engineering has received and reviewed the following revised documents for compliance with the Massachusetts Department of Environmental Protection (MassDEP) Stormwater Management Standards:

- Grading & Drainage Plan for, "Site Plan to Accompany Notice of Intent, *Northside Farm*, New Bedford, MA 02745," prepared by Charon Associates, Inc., revised May 24, 2016;
- Detail Sheet I for, "Site Plan to Accompany Notice of Intent, *Northside Farm*, New Bedford, MA 02745," prepared by Charon Associates, Inc., revised May 24, 2016; and
- Response to Comment Letter prepared by Cavanaro Consulting, dated May 24, 2016, including the following attachments:
 - a. Construction Period Erosion, Sedimentation, and Pollution Prevention Plan; and
 - b. Existing Conditions HydroCAD model.

A few comments remain from our previous review, as summarized below:

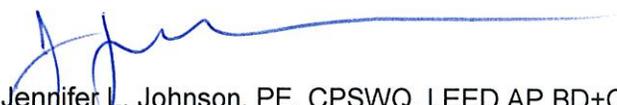
1. A note indicating erosion controls for catch basins was added to the Grading and Drainage Plan and within the maintenance section of the Construction Period Erosion, Sedimentation, and Pollution Prevention Plan. The note references a detail on plan sheet DTIV, which was not provided for our review. Please provide the plan for confirmation.
2. Previously, we recommended reducing the slopes of the proposed Infiltration Pond to 3:1. The Applicant had indicated that some of the slopes had to remain steeper than 3:1 but would be stabilized with riprap. A hatch and note to highlight the steep area to be stabilized with riprap was provided on the revised Grading and Drainage Plan, which appears to be a small area. It is difficult to confirm on the 50-scale plan, but it appears that some of the other slopes appear to be steeper than 3:1. We maintain that the Applicant should reduce the slopes to a 3:1 slope, if possible, to provide greater access and ease of maintenance. We are concerned that a significant amount of the slopes will be covered with riprap.
3. We had also recommended that the basin bottom be seeded with conservation seed mix. The use of vegetation improves water quality treatment and aesthetics in the basin, while also providing long-term stabilization and erosion control. We maintain that the bottom of the basin should be vegetated and that the Infiltration Pond Detail should be revised to indicate loam and conservation seed mix.
4. The perforated pipe was removed from Infiltration Pond detail, however an orifice at the bottom of the basin still remains in both the Pond and Outlet Control Structure details. These details should be consistent with the HydroCAD model, which provides a 2.1-foot weir at elevation 94.8'.

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We appreciate the opportunity to review this project for the Conservation Commission. Please contact us with any questions.

Very truly yours,

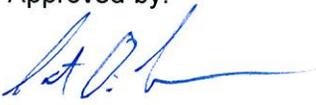
Nitsch Engineering, Inc.



Jennifer L. Johnson, PE, CPSWQ, LEED AP BD+C
Senior Project Engineer

JLJ/vas

Approved by:



Scott D. Turner, PE, AICP, LEED AP ND
Director of Planning