

September 3, 2015

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

RE: Nitsch Project #9972
Logal Amended Order of Conditions
100 Duchaine Boulevard
New Bedford, MA

Dear Mr. Radcliffe:

This letter is in regard to the Request for an Amended Order of Conditions for the Logal site located at 100 Duchaine Boulevard in New Bedford, Massachusetts, requested by Field Engineering Co., Inc. (Field Engineering). Nitsch Engineering has reviewed the following items submitted as part of the proposed request:

- Letter requesting an Amended Order of Conditions along with proposed site plans dated June 17, 2015, prepared by Field Engineering, Co.; and
- A letter dated August 17, 2015 responding to items observed on a site visit performed by Nitsch Engineering on July 14, 2015 and summarized in a memorandum dated July 16, 2015.

The Request for an Amended Order of Conditions pertains to two specific items which include:

1. Allowing the applicant to maintain material stockpiles within the 100-foot buffer to wetlands; and
2. Modifying the inlet to Wet Basin #1 due to construction issues related to the paving of the parking lot contributing stormwater to Wet Basin #1.

With regards to allowing the applicant to maintain material stockpiles within the 100-foot buffer, we reviewed the erosion controls surrounding the stockpiles and they were in generally good condition.

In regards to the inlet to Wet Basin #1, an alternate solution was discussed during the site visit which includes constructing a depression between the parking lot and top of the wet basin, and installing field drains and piping that can convey stormwater to the sediment forebay. The sketch provided by Field Engineering, dated August 14, 2015, effectively captures the concepts that were discussed. We would recommend the following minor modifications to the sketch including:

1. Adding a note to the plans that the riprap apron leading to the new depression meet the Massachusetts Highway Specification for Stone for Pipe Ends (M2.02.3); and
2. That a riprap pad be added where the new discharge pipe discharges into the sediment forebay.
The riprap pad should conform to the same specification described above.

During the site visit, a number of items were observed that are separate from the requested Amended Order of Conditions as outlined in Nitsch Engineering's memorandum dated July 16, 2015. These items include stormwater management facilities that were constructed smaller than designed and approved, slopes that were constructed steeper than approved, deficient riprap pads, improperly graded parking areas, etc. We strongly recommend that these items be addressed as soon as possible, and that supporting information that these items have been resolved be provided. The site is currently in operation, and the deficiencies noted in our July 16, 2015 memorandum impact the overall performance of the stormwater management system.

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If you have any questions, please call 617-338-0063.

Very truly yours,

Nitsch Engineering, Inc.

A handwritten signature in black ink, appearing to read "S.D. Turner", written over a horizontal line.

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

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