

June 30, 2014

Mr. Kenneth Motta
Chairman
New Bedford Conservation Commission
New Bedford City Hall
133 William Street
New Bedford, MA 02744

RE: Nitsch Project #9972
100 Duchaine Boulevard
Review Letter
New Bedford, MA

Dear Mr. Motta:

This letter is in regard to the proposed Logal, LLC project located at 100 Duchaine Boulevard in New Bedford, Massachusetts. Nitsch Engineering has reviewed the following revised items submitted as part of the proposed project:

- Revised hydrologic pre-development and post development drainage calculations dated June 17, 2014; and
- Plan set entitled, "Proposed Site Development, Logal, LLC, 100 Duchaine Boulevard, New Bedford, Massachusetts," prepared by Field Engineering Co., Inc., revised June 24, 2014.

Nitsch Engineering met with Sarah Porter and Rich Riccio from Field Engineering Co, Inc. on Monday, June 23, 2014, to discuss the remaining outstanding items. As a result of this meeting, Field Engineering agreed to a number of requested revisions to increase the level of environmental protection provided by the proposed project's stormwater management system. These revisions include the following items:

1. Provide plans and details for an oil water separator to be installed in the vicinity of the proposed fueling station. The Applicant has revised the plans to include a 9,500 gallon oil water separator that has the capacity to store fuel in the event of a fuel spill. We recommend the sizing and dimensions of the first chamber be confirmed by the project's Engineer prior to installation.
2. Revise the design of the bioretention basins to detention or wet basins due to the elevation of seasonal high groundwater on the site. Bioretention Basin 1 was converted to a detention basin and Dioretention Basins 3 and 4 were converted to wet basins.
3. Include additional stormwater treatment prior to discharge to Detention Basin 1. A Stormceptor 450i unit was provided to treat stormwater that discharges to Detention Basin 1.
4. Place rip-rap at the discharge point to the existing grass swale located to the south of the proposed project. The rip-rap was added to the plans.

The requested edits were made to the site plans as noted above. It is our opinion that the project meets the stormwater management system meets the Stormwater Management Standards to the maximum extent practicable consistent with Standard 3 regarding redevelopment projects. The proposed project represents an improvement over existing conditions with regard to stormwater protection.

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

Very truly yours,

Nitsch Engineering, Inc.



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

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