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June 19, 2017

Mr. Craig Dixon
Vice Chairman
New Bedford Conservation Commission
New Bedford City Hall
133 William Street
New Bedford, MA 02744

RE: Nitsch Project #9972
Airport Terminal Aprons–Phase I
New Bedford Airport
New Bedford, MA

Dear Mr. Dixon:

This letter is in regards to the Airport Aprons project at the New Bedford Airport in New Bedford, Massachusetts. Nitsch Engineering has reviewed the following additional items submitted as part of the proposed project:

- Response to comments letter prepared by Airport Solutions Group, dated June 12, 2017;
- Revised plans sheet C1.1 prepared by Airport Solutions Group, revised May 8, 2017;
- Cut sheet for Vortsentry HS prepared by Contech Engineered Solutions, LLC; and
- Report entitled "Reconstruct Terminal Area Aprons – Phase I – Stormwater Management Report," prepared by Airport Solutions Group, Inc., revised through May 2017.

We reviewed the revised materials submitted on this project with respect to the Massachusetts Department of Environmental Protection (MassDEP) Stormwater Management Standards as described below:

1. A dedicated infiltration basin has been added to the project and sized to infiltrate stormwater generated by the new impervious surfaces. We recommend a detail of the basin be added to the plans with a stone overflow weir structure.
2. The Applicant has relocated the proposed headwall and angled them to allow for a longer flow path between the discharge and the edge of wetlands. The discharge point is within the 25-foot buffer zone. There is very limited opportunity to move the discharges outside of the 25-foot buffer zone without altering the location of the proposed limit of pavement.
3. The Applicant has provided additional discharge points to split flows from the project in an effort to replicate flows to each of the wetlands systems. It is virtually impossible to match flows exactly and the Applicant has generally reduced flows to each of the wetland systems with the exception of one wetland for the 10-year storm. Overall, there is a reduction in peak flows, consistent with the Guidelines.
4. A detail sheet for the proposed hydrodynamic separator has been provided. We recommend that the Vortsentry HS Detail be added to the plan set.
5. The limit of pavement has not been altered and remains within the 25-foot buffer zone.

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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

SDT/aab

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