



Department of Public Infrastructure

Euzebio Arruda
Commissioner

CITY OF NEW BEDFORD

Jonathan Mitchell, Mayor

Water
Wastewater
Highways
Engineering
Cemeteries
Park Maintenance
Forestry
Energy

August 24, 2016

John Radcliffe, Chairman
Conservation Commission
133 William Street Room 304
New Bedford MA 02740

Dear Mr. Chairman, Commission Members, and Conservation Agent,

This letter is cover to the DPI submission request for Certificate of Compliance regarding the New Bedford Industrial Park parcel Map 135 Lot 2 located off the east side of John Vertente Boulevard.

It has been more than 16 years since the July 7, 1999 filing of the Notice of Intent concerning this subject parcel therefore the City of New Bedford Department of Public Infrastructure (DPI) has performed instrument survey work at the subject parcel in an effort to establish the current existing conditions to the best of our ability to produce an As-Built plan.

It should be noted that all new line work shown on the accompanying plan is presented based on instrument survey locations. In the absence of the electronic version of the original design drawing and in an effort to provide some context, DPI has superimposed the recent data collection and line-work on a scanned and scaled image of the original design drawing.

It should be further noted that DPI is in possession of a copy of Sheets 1 & 2 of four of the Tibbetts Engineering Corp Plan to Accompany Notice of Intent dated July 7, 1999 and we are not certain of what is on the other two sheets. The proposed detention pond area and volumes are not published on either of these drawings. The estimate of area and volume based on the recent DPI survey is published on the accompanying drawing and should be used to compare with the original design volume and area if that information is available.

It should be further noted that DPI is not aware of what occurred at the time of construction and we have no confirmation as to whether Special Condition item # 32 and # 48 requiring the original design engineers certification as to completion of the work was met. We trust this requirement will be waived.

It should be further noted that this submitted plan was not overseen by a Registered Land Surveyor as required by Item # 57 in the Special Order of Conditions and we trust that this requirement will be waived.

The project work as constructed appears to be in substantial compliance with the original scope of wetlands work with some deviations from original design, none which appear to compromise the intended function of the wetland structures.

The total storage in the detention pond is estimated at 0.37 Acre-Feet from bottom to just below the apparent lowest crest height a total of approximately 2.5 vertical feet based on the recent DPI survey. This volume exceeds the 2 year and 10 year post development Total Storage in Pond indicated in the drainage calculations Summary of Approximate Peak Storage therefore we believe the pond in the current configuration although it deviates from the original design appears to have sufficient storage to meet the requirements.

We therefore request issuance of the Certificate of Compliance in accordance with Order of Conditions Item # 11.

Respectfully submitted,

David Fredette
City Engineer

CC: Euzebio Arruda, Commissioner DPI