

ECR

Environmental Consulting & Restoration, LLC



WETLAND DELINEATION MEMO

TO: Farland Corp.
FROM: Brad Holmes
DATE: May 28, 2021
RE: 107 Welby Road, New Bedford

Per your request, Environmental Consulting & Restoration, LLC (ECR) performed a review of the existing conditions at the property located at 107 Welby Road in New Bedford (the site) on May 19, 2021. The purpose of the review was to identify wetland resource areas on and near the site. The site is located to the east of Welby Road and consists of a commercial property with building, paved parking, landscaped areas, etc. The weather on May 19th was mostly sunny, clear, and warm (approximately 70 degrees) with light wind and dry site conditions. Wetland resource areas are located to the north, south and east of the site. ECR placed Bordering Vegetated Wetland (BVW) flags (pink/black striped) #A1 to #A20 along the limit of the wetland to the south and east associated with a USGS mapped perennial stream and #B1 to #B10 along the limit of the wetland to the north. The “B” series wetland is associated with a vegetated ditch that flows toward the perennial stream to the east; #B10 connects to #A20. The vegetated wetland was delineated following the methodology established by the Massachusetts Department of Environmental Protection (DEP) regulations found at 310 CMR 10.55 pertaining to the delineation of Bordering Vegetated Wetlands. The delineation was performed by analyzing vegetation, hydrology within 12 inches of the surface, and soil conditions within 20 inches of the surface. The wetland contains hydric soils, saturated soils, and dominant wetland indicator plants. ECR placed Inland Bank flags (blue ribbons) #IB1 to #IB15 along the limit of the USGS mapped perennial stream that flows from the west through the “A” series wetland and off to the north. The stream appears to have been historically re-routed compared to what is shown on the USGS maps. As a result of ECR’s wetland delineation at the site, ECR is able to confirm that the site contains the following wetland resource areas and areas of Conservation Commission jurisdiction:

- Bordering Vegetated Wetlands
- 100-foot Buffer Zone
- Bordering Land Subject to Flooding (FEMA flood zone A)

Also review of the MassGIS wetlands database reveals the following:

1. The site is not located within Estimated/Priority Habitat for Rare Species according to the Massachusetts Natural Heritage & Endangered Species Program (MaNHESP).
2. The site does not contain Certified Vernal Pools according to the MaNHESP.
3. The site is not located within an Area of Critical Environmental Concern.

Upon review of this wetland delineation memo, please contact me at (617) 529 – 3792 or brad@ecrwetlands.com with any questions or requests for additional information.

Thank you,
Brad Holmes, Professional Wetland Scientist #1464
Manager