



October 16, 2021

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03/04/2022

DORE & WHITTIER ARCHITECTS

RIVERHAWK ENVIRONMENTAL LLC
2183 Ocean Street
Marshfield, Massachusetts 027050
Attention: Bob Rego/Bill Kenney

RE: Wetland Delineation at 400 Prospect Street
Stoughton, Massachusetts

Dear Bob and Bill:

On September 8, 2021; at your request; I visited the above-referenced property (site) to delineate the boundary of the wetland resource areas on/off the above-referenced property. The site; which abuts residential properties on Prospect Street (#410 and 420/422); presently supports a commercial building, with associated access driveway and parking area. The resource areas on/off the site are defined under Section 10.54, 10.56 and 10.55 of the Massachusetts Wetlands Protection Act Regulations (310 CMR 10.00) (Regulations) and under the City of Stoughton Wetlands Protection By-law as bank; land under a waterbody and bordering vegetated wetland (BVW), respectively. An intermittent stream (Stream); that flows under the access driveway into the site; was identified with blue flags labeled MHW-1 thru MHW-4; MHW-100 thru MHW-117; and MHWA-1 and MHW-2. The MHW flags; which were placed on the bank of the stream; are encompassed by the BVW which is the most encompassing of the resource areas on the site. A BVW; associated with the Stream was identified with pink flags labeled WF-1 thru WF-9; WF-100 thru WF-116; and WFA-1 thru WFA-6 (see attached sketch of the wetland flags). The boundary of the BVW (s) was identified by both the slope and the presence of wetland/transitional and upland plant species such as: red maple (*Acer rubrum*), black cherry (*Prunus serotina*), white pine (*Pinus strobus*) and white oak (*Quercus alba*) trees/saplings; sweet pepperbush (*Clethra alnifolia*), highbush blueberry (*Vaccinium corymbosum*), common buckthorn (*Rhamnus frangula*), multiflora rose (*Rosa multiflora*), red osier dogwood (*Cornus stolonifera*), arrow-wood (*Viburnum dentatum*), grape (*Vitis*, spp.), green brier (*Smilax glauca*) and bittersweet (*Celastrus orbiculata*) in the shrub/vine layer; and cinnamon fern (*Osmunda cinnamomea*), Japanese knotweed (*Polygonum cuspidatum*), poison ivy (*Toxicodendron radicans*), sedges (*Carex*, spp.), wormwood (*Artemisia*, spp.), sensitive fern (*Onoclea sensibilis*) and dewberry (*Rubus hispida*) in the herbaceous layer. The BVW's also exhibit other hydrological

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indicators such as standing water, buttressed roots and saturated/hydric soils.

According to the most recent Massachusetts Natural Heritage Atlas (NHESP, 14th Edition (August 1, 2017)), the Project Area is not mapped within priority/estimated habitat for rare species/wildlife and there are no certified vernal pools on the site.

If you have any questions regarding this delineation and/or you need additional information, please feel free to call me at any time. I am glad I could assist you with this project, and let me know if you need any help in the future.

Sincerely,

PINEBROOK CONSULTING



Brooke Monroe
Environmental Scientist

