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## Wetland Delineation Report – 109 Weir Street Hingham, MA

### **Intro:**

The flagging of the wetland took place in August of 2025. The temperature was approximately 90 degrees Fahrenheit, and the sky was sunny.

109 Weir Street is approximately 0.80 acres with a pre-existing house. The lot abuts a wooded swamp deciduous as well as a pond (Town of Hingham GIS). Due to the presence of this a bordering vegetative wetland (BVW) was delineated.

### **Delineation:**

The lot slopes down hill toward the wetland with lots of exposed bedrock which funnels the water down to the wetland. The wetland starts where the lot flattens out allowing water to accumulate. There was an A line and B line delineated due to a maintained path splitting them. The A line wetland had water staining and an abundance of Sensitive Fern (*Oncolea Sensibilis*) FACW. The wetland side of the B line was about at the edge of the pond with a couple of feet of water staining observed. The upland side of both A and B lines were sloping downhill with an abundance of American Burnweed (*Erechtites Hieraciiifolius*) FACU present.

The lot also has an accompanied flood zone A located closer to the ponds edge.

The BVW was flagged (pink ribbons) with a series of flags #A1-#A3 and #B1-B3. The line was delineated using the presence of the noted vegetation, geological features, as well as the appearance and presence of hydrology. The wetland was delineated under the methodology established under the Massachusetts Department of Environmental Protection regulations found at 310 CMR 10.55 pertaining to the delineation of Bordering Vegetated Wetlands.

### **Additional Notes:**

- The site is not located within an area mapped as a Priority Habitat & Estimated Habitat for Rare Species according to the Massachusetts Natural Heritage & Endangered Species Act (NHESP).
- The site does not contain/is not near a Certified Vernal Pool.
- The site is located within an area mapped as Land Subject to Flooding according to FEMA maps.
- The site does not contain/ is not near a U.S.G.S. mapped stream.
- The site is not located within an Area of Critical Environmental Concern.