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**Application:** 2021-1  
**Applicant:** Ameritage LLC  
**Owner:** Demerchant David C Sr & Phyllis G  
**Address:** 97 Poplar Road  
**Description:** Pond Rehabilitation/Maintenance

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### **Proposal**

Ameritage LLC submitted an application for an inland wetlands and watercourse permit to rehabilitate/maintain an existing pond located on property at 97 Poplar Road pursuant to Section 3 of the Inland Wetland & Watercourses Regulations.

### **Existing Conditions/ Background**

The property contains 3.9 acres fronting Poplar Road. It is improved with a single-family dwelling, detached garage, utilities and other associate improvements. The property is bisected by an access easement for Eversource. A watercourse also bisects the property which is adjacent to the access easement. At some time a pond was created in the watercourse which is located partially on the property and partially on an adjacent property owned by Eversource.

The pond is fed from the south and contains two 12in outlet pipes that allows for the continuation of the watercourse.

The pond has been filling with sedimentation overtime, which has accelerated in the past couple years due to sedimentation coming from the nearby Founders Ridge development on Webster Lane. Phase I was approved by the IWWA in 2015 (#15-02). Phase II was approved in 2017 (17-23).

A Cease and Desist was issued for the Founders Ridge development until additional erosion and sedimentation controls were installed and the pond remediated. Erosion control measures on site were restored in accordance with the approved erosion control plans. Additional measure were taken ensure additional sedimentation from construction would not enter the watercourse. This application was submitted to address the latter requirement of the Cease and Desist.

### **Proposed Conditions**

The applicant proposes rehabilitate/maintain the pond during the dry low flow season by removal of accumulated sediment and leaving an aquatic shelf on the east side of the pond closer to its outlet. The shelf would extend 3-4 ft from the pond edge and be 6-12 in below the inlet invert elevation of the pipes to allow for marsh and meadow type vegetation to be established.

### **Erosion & Sediment Controls**

No erosion controls or stockpile areas for this work is provided.

**Staff Recommendations**

1. The applicant should confirm the depth of material will be excavated to ensure sedimentation deposits associated with the Founders Ridge development project are removed.
2. The applicant should describe the excavation methods and how the removed material will be stored and/or removed on site.
3. Standard permit notes and conditions shall apply.