

MEMORANDUM

**APPLICATION: AGENDA ITEM #4
AUGUST 8, 2024 MEETING**

To: Conservation Commission/**Inland Wetlands and Watercourses Agency**

From: Suzanne Simone, Environmental Planner

Date: August 2, 2024

**Re: IWWA APPLICATION: Drainage Improvement
Matson Hill Road**

Review Documents: Project Narrative and Application, July 23, 2024

Proposal

The town plans to install 190 linear feet of 36” drain pipe on the north side of Matson Hill Road, improving an existing drainage system which is undersized with 18” drain pipe. The inlet culvert will be replaced and a new double catch basin with a sump is proposed in the low point in the road to improve water quality.

Review

Site Description

The project area is on Matson Hill Road between Chatham Hill Road and Belltown Road. The proposed work area is not located within a conservation easement. This plan will improve the drainage in this area. The current pipe is undersized for the amount of water volume received and causes erosion concerns to the north of Matson Hill Road primarily within the fields of Belltown Orchards.

State-Listed Species

The area is not identified as an area of interest in the December 2023 map of the Natural Diversity Database. No further action is required.

Soils

The current drainage system under Matson Hill Road connects a stream to the south into a stream on the north of the road. The proposed improvement will reduce erosion along the watercourse and provide a stable pathway for water to exit the pipe and enter the watercourse on Belltown Orchard property.

The town engineer will attend the meeting and review the project and supporting information.

