

From: [Laurie Connors](#)
To: [Planning Board](#); [Fred Litchfield](#)
Cc: [Michelle Cilley](#)
Subject: FW: 0-301 Bartlett Street, Parcel H - Maintenance of Infiltration Basins
Date: Tuesday, February 14, 2023 1:41:46 PM

FYI.

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From: Bartlett, Mark (Quincy) <Mark.Bartlett@stantec.com>
Sent: Friday, February 10, 2023 7:25 PM
To: Fred Litchfield <flitchfield@town.northborough.ma.us>; Laurie Connors <lconnors@town.northborough.ma.us>
Cc: David (ddoneski@k-plaw.com) <ddoneski@k-plaw.com>
Subject: 0-301 Bartlett Street, Parcel H - Maintenance of Infiltration Basins

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Hello Laurie and Fred –

This email discusses my two suggested responses to the Applicant on their request to allow “3-inches of sediment buildup” within the infiltration basins as the trigger for basin cleaning to remove sediment:

1. The Applicant needs to comply with their submitted **Operation & Maintenance Plan** (O&M Plan) (the latest version, revised through December 22, 2022) prepared by Allen and Major. More specifically, comply with statements made on page 4 of the O&M Plan under the plan section **POST CONSTRUCTION MAINTENANCE PLAN** (I've underlined certain sentences below for emphasis):

Surface Structures (Storm Water Infiltration Basins):

The surface structures will be inspected within the first three months after construction within 72 hours of a half-inch storm event to ensure it is draining properly. Thereafter, the bottom should be inspected for sediment, trash and debris at least twice per year. Trash, debris, and visible sediment should be removed. The system should also be inspected annually within 72 hours of a half-inch storm event to ensure it is draining properly. Inspections shall be logged in the attached Log Sheet.

I completely concur with the above noted proposed maintenance for the two infiltration basins, and I concur with their following plan subsections a, b., and c. (at page 5):

Basins shall be maintained and inspected as stated in this Operation and Maintenance Plan and as follows:

a. During the growing season, the side slopes shall be mowed at least twice with additional cutting performed as needed. Wetland plants shall be allowed to grow along the wet basin bottom, except that and such plants that interfere with the inlet or outlet control devices shall be removed.

b. All tree saplings shall be removed from embankments and the pond bottom.

c. The inlet and outlet shall be inspected for erosion and sedimentation; riprap shall be repaired promptly in the event of erosion.

2. Second, I suggest that the Applicant's proposed subsection d. of this plan should be revised (delete text ~~as noted~~ and insert new text as noted in **red font**) to read as follows:

*d. The basins shall be inspected for sediment accumulation annually and any accumulated sediments shall be removed **annually**. ~~when the depth reaches six inches anywhere in the basins.~~ **However, whenever an infiltration basin is observed to have accumulated 3-inches or more of sediment at any time in any part of the infiltration basin, then such sediment shall be removed immediately, without waiting for the annual renewal date.** All accumulated sediments shall be disposed of in accordance with current applicable local, state and federal guidelines and regulations. Sediment removal and other pond maintenance activities shall not be considered as a wetland alteration under the Massachusetts Wetlands Protection Act or the Northborough Wetlands Bylaw, however the **Conservation** Commission shall be notified of all such activities.*

I hope this email is responsive to your request, however, please contact me should you have any questions or other concerns.

Best regards.
Mark

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