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**Re: 123 Railroad Avenue Presentation Materials**

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From Rob Moore <rmoore@haverhillma.gov>

Date Thu 1/8/2026 4:53 PM

To Patrick Burke <pburke@placesassociates.com>

Thanks, Patrick. McKayla will share these on the big screen this evening for your presentation use. Below are my comments to the Commissioners. We'll see you tonight. Rob

**1.1. #33-NOI Merrimack Valley Regional Transit Authority for 123 Railroad Av** (Parcel IDs: 712-684-7 & -8) Various facility improvements to fuel tanks, parking, and stormwater management

**i) Plans & Documents**

- (1) Notice of Intent, received 12.15.25, Places Associates
- (2) Stormwater Analysis, received 12.15.25, Places
- (3) Site Plan, revised 7.16.25, Places

**ii) Comments**

- (1) The applicant filed with NHESP. Comments will likely be received mid-January. Although construction activities are outside the mapped habitat on the site, the change in stormwater discharge to sturgeon habitat will likely be considered by the agency.
- (2) Site specific soil and groundwater information should be provided for the area of the infiltration gallery. The application and plan reference the presence of ledge that render infiltration not feasible in the current location. What other locations were explored to manage stormwater and provide infiltration?
- (3) Will the cut and wall construction release groundwater perched on this ledge? What is proposed for retaining wall drainage?
- (4) There are fuel spill protections factored in the new tank design. A past project included the installation of a similar protection on the north end of the site. This new filing appears to be an opportunity to address what might be the final unprotected area - Drain Manhole #6 near the SW corner of the bus garage. This is the last junction point before flow discharges to the Merrimack and the sturgeon spawning grounds. The new drainage system will also be discharged to this structure. I would request the designer evaluate options for providing similar emergency shutoff protection and additional treatment below DMH6.
- (5) MEVA has had several filings with our office over the years. I would request the OMP/LTPPP, currently within the Stormwater Analysis with additional information on the plan set, to be provided in document form with related BMP sketches. And I would further request that it be expanded to cover all stormwater BMPs at the facility to provide a plan that is both comprehensive and user friendly for facility maintenance staff. The document should include spill response protocols, identify the locations of tools/equipment needed to close valves, identify the locations and uses of other spill response materials (such as catch basin covers) at the facility, protocol signage for tanker truck operators...
- (6) Will the new fueling area be covered?

iii) **Recommendations** I recommend the hearing be continued until January 29th to allow for the minimum NHESP comment period and for these comments to be addressed.

**Robert E. Moore, Jr.**

City of Haverhill - Conservation Department

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**From:** Patrick Burke <[pburke@placesassociates.com](mailto:pburke@placesassociates.com)>

**Sent:** Thursday, January 8, 2026 2:37 PM

**To:** Conservation Department <[Conservation@HaverhillMa.gov](mailto:Conservation@HaverhillMa.gov)>

**Subject:** 123 Railroad Avenue Presentation Materials

Warning! External Email. Exercise caution when opening attachments or clicking on any links. Please find attached materials that may be used at tonight's meeting. I will be attending in person.

Thank you,

Patrick

**Patrick J. Burke**  
**Project Engineer**

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