



Open Comments  
Defer to Board  
Conditions of Approval

PROJECT NAME 242 King Street PEER REVIEW

DATE 11/24/2025

UPDATED: \_\_\_\_\_

PROJECT NO. 25040

**Peer Review Comment Form**

NO.	SHEET NO.	SECTION	GREEN'S COMMENT	Applicant's RESPONSE	CONFIRMED BY	DATE
Stormwater Review						
	<b>PLANS &amp; DETAILS</b>					
1	Site Plan		Please provide the proposed contours for the filled in pool.			
2	Site Plan	38-16.C.5	Please provide the number of square feet of land area to be disturbed.			
3	Site Plan	38-16.C.7	Please provide a location and detail for stockpiling materials.			
4	Site Plan	38-17.C.5	Please provide the estimated seasonal high groundwater elevation at the proposed SCM. Please provide test pit logs and location of the test pits on the plan. The stormwater report has test hole data in a different location from 2001 that indicates the estimated seasonal high groundwater is at elevation 213.2 and 211.9. Based on this information the SCM does not have adequate separation to groundwater with the bottom of the SCM being at elevation 213. Please revise.			
5	Site Plan	38-17.6-7/ Littleton Stormwater Regulations 4.1.3.1	Pre- and Post- hydraulic analysis was not provided due to a reduction in impervious surface stated in the report. This is acceptable if there is a reduction in impervious area because there is only one discharge point, drainage patterns aren't changing, and there is reduction in impervious area that would result in a reduction in peak rates. If there is not a reduction in impervious area pre- and post- hydraulic analysis is required. The survey is not updated to reflect the previous Water Resource Recovery Facility project at 242 King Street where the existing driveway to the west of the house was already removed. The previous project had already taken credit for the driveway being removed. The applicant should review the previously approved permitted materials and confirm the increase/decrease in impervious area for this project. Please provide limits of impervious surface removal with square feet so it can be easily followed.			
6	Site Plan	Littleton Stormwater Regulations 4.1.3.6./MA Stormwater Handbook	The current design does not provide any stormwater pretreatment. Per the MA stormwater handbook an infiltration basin does not achieve 80% TSS removal without adequate pretreatment. The site is also in a Zone II critical area which requires additional pretreatment (44% TSS removal). Please revise.			
7	Site Plan		It is unclear the extent of the force main. The erosion control measures should continue with the force main. Please provide a note if this is to be determined.			
8	Site Plan	Littleton Stormwater Regulations 4.1.3.6.	The straw wattle/silt fence barrier should extend farther south on the west side to prevent sediment from bypassing the erosion control measure. Please revise.			
9	Site Plan	38-16.C.7	A construction entrance should be shown on the plans and a detail should be provided.			
10	Site Plan		It is recommended that rip rap/stone is installed at the spillway of the SCM to prevent erosion. Please revise.			
11	Site Plan	MA Stormwater Handbook	It is recommended that the SCM has 1' of freeboard. Please provide additional grading and/or revise the spillway elevation.			
	<b>STORMWATER MANAGEMENT REPORT</b>					
12	2.3. Soils		A reference to NRCS soils mapping is made, but this was not provided. Please include NRCS soil information.			
13	Stormwater Checklist		The checklist does not indicate if this will or won't be covered by a NPDES Construction General Permit. Please revise. This site has a high groundwater table and is adjacent to Beaver Brook, please add the dewatering methods to the plan if the proposed work is not covered by a SWPPP.			
14	Recharge Calculations		Since this a small site the recharge calculations should be calculated in cf not acres. Also, the capture area adjustment indicates that all impervious surfaces will be directed to the BMP. Based on the grading on the plan and the stormwater checklist it appears that this is not the case. The capture area adjustment should be revised. Please show the assumed catchment area.			
15	Water Quality Calculations	Littleton Stormwater Regulations 4.1.3.6.	Do the water quality calculations exclude the roof? The water quality calculations should include the total post construction impervious area. Please revise.			
16	O&M		The O&M mentions the Acton Con Com instead of the Littleton Con Com and has a header for a different project in Acton. Please revise.			
17	O&M	38-18.B.3	The O&M plan shall be signed by the owner.			
18	Site Plan/Stormwater Report/O&M		The plans call the SCM a ponding area, the stormwater report mentions it being an infiltration basin, and the O&M mentions it as a ponding area but mentions bioretention area in the maintenance activities. A ponding area isn't an SCM, please define the SCM as an infiltration basin or bioretention basin. A detail should be provided for the SCM. The O&M should be revised based on the SCM proposed and the requirements of the MA stormwater handbook. Please revise.			