

December 6, 2016

Maintenance Activities-

Operation and Maintenance of the stormwater facilities located within the road are the responsibility of the applicant until the approval and acceptance by the Town of Deerfield. If the Town does not accept the road and stormwater facilities, the applicant will transfer responsibility for long-term maintenance to the development's Condominium Association.

1. Grass Channel

Maintenance access must be designed as part of the grass channel. Plant an alternative grass species if the original grass cover is not successfully established.

<u>Activity</u>	<u>Frequency</u>
Remove sediment from forebay	Annually
Remove sediment from grass channel	Annually
Mow	Once a month (minimum) during growing season
Repair areas of erosion and revegetate	As needed, but no less than once a year

2. Infiltration Basins

Inspect regularly for sediment build-up structural damage and standing water. Never store snow in infiltration areas. Inspect and remove any vegetation growth on outfalls and overflows.

<u>Activity</u>	<u>Frequency</u>
Preventative Maintenance	Twice a year
Inspect to ensure proper functioning	After every major storm during first 3 months of operation, and twice a year thereafter and when there are discharges through the high outlet orifice.
Mow the buffer are, side slopes, and basin Bottom if grassed floor; rake if stone bottom; Remove trash and debris; remove grass Clippings and accumulated organic matter	Twice a year
Inspect and clean pretreatment devices	Every other month (minimum) recommended and at least twice a year and after every major storm event.

3. Rip Rap

<u>Activity</u>	<u>Frequency</u>
Inspect the rip rap for sediment buildup and the vegetation for signs of erosion, bare spots and overall health	Every six months during the first year. Annually, thereafter
Remove sediment from the toe of slope or level spreader and reseed bare spots	As needed
Regularly mow the grass around rip rap.	As needed

Condominiums at Sugarloaf
Senior Housing Development
Storm Water Management Plan
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4. Drywell

<u>Activity</u>	<u>Frequency</u>
Inspect drywells	After every major storm in the first few months. Thereafter four times a year.
Clean out collected sediment	Whenever the depth of sediment deposit is greater than or equal to 2 feet.

5. Sedimentation Forebay

<u>Activity</u>	<u>Frequency</u>
Inspect sediment forebays	Monthly
Clean sediment forebays	Four times per year and when sediment depth is between 3 to 6 inches.
Inspect sediment indicator posts	Annually
Replace sediment indicator posts	As needed

Estimated Annual Maintenance Budget:

18 Drywells @ \$250	\$4,500
2 Sediment Forebays @ \$500	\$1,000
1250 L.F. Grass Swales @ \$2/L.F.	\$2,500
3 Infiltration Basins @ \$1000	\$3,000
Total:	\$11,000.00

Work to be performed by Landscape Maintenance Contractor in association with other required activities. Condominium Association is responsible for ensuring private Stormwater BMP's are maintained and operating as designed.

For the developer, the most difficult part of preparing a maintenance plan may be identifying the party that is responsible for performing and paying for the long-term maintenance of the BMP. The Order of Conditions should require the responsible party to: (1) implement the Operation and Maintenance Plan; (2) maintain a log of all operation and maintenance activities including without limitation inspections, repairs, replacement and disposal (for disposal, the log shall indicate the type of material and the disposal location); (3) make this log available to the MassDEP and the Conservation Commission; (4) allow the MassDEP and the Conservation Commission to inspect each BMP to determine whether the responsible party is implementing the Operation and Maintenance Plan; and (5) submit the O & M Compliance Statement when requesting a Certificate of Compliance.