

ECR

Environmental Consulting & Restoration, LLC



July 22, 2021

Town of Avon
Conservation Commission
65 East Main Street
Avon, MA 02322

RE: Mitigation Status, #8A&8B and #10A&10B Katherine's Way, Avon

Dear Members of the Conservation Commission:

Environmental Consulting & Restoration, LLC (ECR) is pleased to inform the Avon Conservation Commission that the mitigation project at #8A&8B and #10A&10B Katherine's Way in Avon (the Site) is in good status. ECR performed a site review on May 20, 2021 to evaluate the areas of mitigation at the rear of the houses and stormwater basin. The site is fully stabilized with no signs of erosion.

On July 16, 2021 annual herbicide treatment was performed by Land Stewardship, Inc. to maintain the management of non-native invasive plant species as detailed in the Mitigation Plan. Within the stormwater basin, there were very few stalks of Common Reed (*Phragmites australis*) remaining and many native plants were returning, including Blue Vervain (*Verbena hastata*) and Monkey Flower (*Mimulus ringens*) plus lots of wetland sedges and rushes. The Japanese Knotweed (*Polygonum cuspidatum*) at the far end of the stormwater basin was also treated to include some of the larger Glossy Buckthorn (*Rhamnus frangula*).

Ongoing maintenance is necessary to include the following activities:

Yard Slope

1. Hand pull new shoots of Japanese Knotweed. If hand pulling is not possible, this new growth of Japanese Knotweed will need to be treated by the herbicide applicator later this summer.
2. Spot reseeding of the base of the slope where necessary. The majority of the herbaceous grass cover has germinated and stabilized the soil. However, there are small sparsely vegetated spots that need to be reseeded. The shrub planted within this area are in good condition with more than 75% plant survival.
3. The slope leading from the back yards of the houses to the stormwater basin is well vegetated and stabilized.

Stormwater Basin

1. The majority of the Common Reed (*Phragmites australis*) within the stormwater basin has been successfully removed as a result of last year's herbicide treatment followed by cutting and removal. Minor re-growth of Common Reed is being managed by Land Stewardship, Inc. as part of ongoing monitoring and maintenance.
2. The Japanese Knotweed (*Polygonum cuspidatum*) at the end or spillway of the stormwater basin is also being managed by Land Stewardship, Inc. as part of ongoing monitoring and maintenance.
3. The sediment and detritus within the interior of the basin should be cleaned and removed now that access into the basin is possible. This is a typical task of stormwater basin maintenance.

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ECR will continue to monitor these mitigation areas. Maintenance treatments from the herbicide applicator will be performed in Year #3. We will update the Commission at the end of this growing season with an update regarding completion of the maintenance tasks described above.

Upon review of this report, please contact me if you have any questions or require additional information, please contact me at (617) 529 - 3792 or brad@ecrwetlands.com.

Sincerely,
Environmental Consulting & Restoration, LLC

A handwritten signature in blue ink that reads "Brad Holmes". The signature is written in a cursive, flowing style.

Brad Holmes, PWS, MCA
Manager