NORMANDEAU ASSOCIATES
ENVIRONMENTAL CONSULTANTS

July 2, 2020

Mr. David Price
NH Department of Environmental Services Wetlands Bureau
Pease Office
222 International Dr., Ste. 175
Portsmouth, NH 03801

RE: Seacoast Reliability Project, Repair at Beswick Property, Newington (SEC Permit 2015-04; Corps Permit NAE-2015-00665)

Dear Dave,

The Seacoast Reliability Project (SRP) is now in service, and contractors are in the process of removing equipment and timber mats, restoring the right-of-way (ROW), and completing landscaping per landowner requests. All of this final work is being conducted within the conditions of the DES, Corps and SEC permits, and is following the prescribed Best Management Practices for the project. At the Beswick property on Gundalow Landing in Newington, landscaping was completed in late June, including loaming and seeding. The site experienced heavy rains on June 30, 2020 (2.25 inches over 24 hours, including 1.62 inches in 1 hour), which resulted in erosion of the loam and gravel path. Approximately 4 cubic yards of loam and gravel are estimated to have flowed onto the tidal flat, almost all of which was captured by the turbidity barrier currently installed in front of the toe of slope (see attached photos). At the direction of Eversource and Normandeau, the landscaping contractors undertook to remove the flowed material from the tidal flats and temporarily stabilize the site on July 1, while a more robust permanent solution is being developed.

The material in the tidal flats was removed via a small excavator and bucket working from the upland, and finished by hand. Because the material was confined by the silt curtain, the limit of removal was easily ascertained; the depth was determined by a combination of color and texture change, and matching surrounding grades. The material was stockpiled on site, covered and surrounded by hay bales/silt socks until off-site disposal is arranged.

The toe of slope was secured using a combination of a double row of silt fence and two rows of silt socks. The portion of the gravel path below the vault, approximately 30 feet, was most impacted. This was stabilized by a combination of smoothing and compacting the remaining gravel and securing with 6-inch minus stone. The section below the gravel path to the toe of slope was secured with straw held in place by jute mesh with long staples. The remainder of the site was smoothed to eliminate eroded channels, and erosion controls were adjusted to allow water to flow more evenly down the slope.

A more permanent solution is being developed by a civil engineer for the landscaper, and is expected early next week. Once finalized, we will forward to DES and the Corps. If any changes in the protected resource areas are proposed, we will highlight and work with you to determine if the changes require additional review or permitting.

If you have any questions regarding this notification, please contact Kurt Nelson (kurt.nelson@eversource.com, 603-634-3256) or me (sallen@normandeau.com, 603-637-1158). Kurt is on vacation until Wed, July 8, so please contact me in the meantime.

Sincerely,

Sarah Allen
Sr. Principal Scientist

cc:
Gregg Comstock (DES)
Lindsey Lefebvre (Corps of Engineers)
Pam Monroe (SEC)
Kurt Nelson (Eversource)
Dena Champy (Eversource)
Adam Dumville (McLane)

Figure 1. Erosion at top of slope above vault, July 1, 2020.

Figure 2. Erosion on lower slope below the vault, July 1, 2020.

Figure 3. Deposition on tidal flat at toe of slope, July 1, 2020.

Figure 4. Restored lower slope, completed July 1, 2020. Remaining restoration was completed July 2, 2020.