

Date:

NOTE:

TYPE OF INSPECTION:

+Storm event information (approx.):

Storm event information is from Pease Air Force Base.

* 0.51 inches of the 0.78 inch total fell in a 3 hour period.

CONSTRUCTION MONITORING REPORT

05/01/20 Time: 9:00am 'Does this report include a 0.25" storm event? X Yes No If yes, how did you determine whether a 0.25" storm event has occurred? ___Rain Gauge X Weather Station

Start date:

Start date:

Start date: 05-01-20

__Weekly <u>X</u> Storm Event __Incident <u>X</u> Corrective Action

Amount (inches):

Amount (inches):

Amount (inches):

0.78 in

Eversource Transmission Lines: F107

Madbury, Durham, Newington, Portsmouth, NH

Alteration of Terrain Permit: SEC Docket No. 2015-004

Environmental Permit: SEC Docket No. 2015-004

USEPA NOI Tracking No: NHR1000QN **NHR1000QT** NHR1000QO NHR1000S6

NAI Project No: 23840.39

Inspector name(s), title(s) and qualifications: Matthew Smith, Normandeau Environmental Inspector and Marc Jacobs, CPESC, NHCWS

Others present/qualifications(s): Sam Eames, Eversource construction representative

Weather conditions (since last inspection): Mostly clear. Temperatures in the 50's.

Weather conditions (time of inspection & future outlook): Rain, temperature in the 50's. Future forecast shows clear weather throughout the weekend and early next week. Temperatures in the 50's and 60's.

CONSTRUCTION SITE SEQUENCING AND DISTURBANCE

Disturbed area and ongoing work (acreage & description): < 1 acre

Proceeding per appr

roved	plan?	
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X Yes

___No, if not, note area and explain: ___No, if not, note area and explain:

Operating within phasing limitations? X Yes

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General Comments

- Continued BMP maintenance and upkeep is a constant priority on shorelines of both sides of the Bay during the winter months.
- Housekeeping such as sweeping of timber mats and roads is a must. See photos 5, 16, 17 below.
- All contractors on site should have a copy of the construction drawings.
- During mat removal be sure to remove any remains of silt socks etc.

Work completed this week:

- Portsmouth
 - No active construction during inspection.
 - Madbury
 - No active construction during inspection.
- Newington

 No active construction during inspection.
- Durham.
 No active construction during inspection.

Erosion and sediment control items and observations:

- BMPs
 - All required BMPs need to be installed as access roads are being built, before construction starts.

Corrective Action

- Fig 5, 16 & 17: Clean and maintain timber mats installed in or in close proximity to wetlands. Consult with the environmental monitor to coordinate schedules and for further direction.
- Fig 7 & 8: Repair/upgrade BMPs. Recommend installing a combined berm or silt fence. Consult with the environmental monitor to coordinate schedules and for further direction.
- Fig 12 & 13: Repair/upgrade BMPs along access road to Str. 93. Recommend installing silt fence in swale to reduce sediment discharge into wetland DW16 through culvert. Consult with the environmental monitor to coordinate schedules and for further direction.

OPERATING WITHIN LIMITS?
N/A X_YESNO if not, please explain:
SURFACE WATER QUALITY
Storm water discharge from the site at the time of inspection? X_YES NO N/A Storm water discharge consistent with water quality standards? YES X_NO N/A Turbidity visually observed? XYES NO N/A If yes, check appropriate location(s) below, and describe discharge: NO NO NA
Location: Access roads Pond location: N/A Adjacent surface water or wetland: Wetlands DW16, DW30, DW43
Description: N/A.
TEMPORARY EROSION AND SEDIMENT CONTROLS (TESC)
Installed and functioning per the SWPPP? <u>X</u> YES <u>NO</u> N/A
Are any corrective actions required? X_YESNO if so, please describe? See comments below. * Note: The permit differentiates between conditions requiring repairs and maintenance, and those requiring corrective action. Corrective actions are triggered only for specific, more serious conditions and require a corrective action form be filled out. Please refer to Part 5 of the CGP for additional information
PERMANENT EROSION AND SEDIMENTATION CONTROLS
Disturbed areas must have a uniform perennial vegetative cover with 85% density, or equivalent physical stabilization, to be considered permanently stabilized (per the SWPPP).
Installed and functioning per the SWPPP? X YES NO N/A
If not, explain what was not performed correctly (construction/stabilization) for each of the following categories. Detail what/where needs to be corrected, and what has been corrected since the last monitoring inspection. If so, what areas: N/A
Areas that have been restored and mulched, but have little germination: Both sides of Little Bay. Trench between Strs. 106- 107 (Frink farm-Hannah Lane). Strs. 28 & 29. Moderate germination: Strs. 135 – 139. Stabilized (85%+ germination): Field house at UNH, Colovos Rd at UNH, and College Brook at UNH.
OTHER COMMENTS AND OBSERVATIONS: -None other than the above comments.

CERTIFICATION:

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"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

This form is completed and signed in accordance with the Signatory Requirements specified in Appendix I.11 of the NPDES CGP for the project site and NOI identified above.

Authorized signature:

Date: _____ 05/01/20



Fig 1: Timber mat access road to intertidal zone at Gundalow landing/east side of the Bay. Viewing southwest. (05-01-20).



Fig 2: BMPs and exposed soils mulched at toe-of-slope at Gundalow landing/east side of the Bay. Viewing south. (05-01-20).



Fig 3: Salt marsh restoration in tidal flat at Gundalow landing/east side of the Bay. Viewing southwest. (05-01-20).



Fig 4: Salt marsh restoration in tidal flat at Gundalow landing/east side of the Bay. Viewing west. (05-01-20).

Eversource Seacoast Reliability Project



Fig 5: Access road between Strs 85-84, in wetland DW30. Mats need to be cleaned. Viewing west (05-01-20).



Fig 6: Str. 83 pole set and work area. Viewing east. (05-01-20).



Fig 7: Str. 82 pole and work area. Viewing west. (05-01-20).



Fig 8: Minor turbid water flowing into wetland DW38; downslope of Str. 82. Viewing west. (05-01-20).



Fig 9: Str. 89 work area. Viewing northeast. (05-01-20).



Fig 10: Str. 93 work area. Viewing east. (05-01-20).



Fig 11: Str. 91 pole and work area. Viewing northeast. (05-01-20).



Fig 12: Turbid water entering culvert under access road to Str. 93. Wetland DW16. Viewing southeast. (05-01-20).



Fig 13: Turbid water discharging into wetland DW16 through culvert. Viewing north. (05-01-20).



Fig 14: Str. 80 work area. Viewing southeast. (05-01-20).



Fig 15: Bridge over stream DS60 in wetland DW58. Str. 44 work area in background Viewing north. (05-01-20).



Fig 16: Access road adjacent to wetland DW43, between Strs. 36-37. Mats need to be cleaned. Viewing south. (05-01-20).



Fig 17: Wetland DW43, adjacent to access road between Strs. 36-37. Viewing east. (05-01-20).

PROJECT TEAM

Eversource

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