



CONSTRUCTION MONITORING REPORT



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

TYPE OF INSPECTION: Weekly Storm Event Incident Corrective Action

Date: **01/16/21** Time: **1:30pm** 'Does this report include a 0.25" storm event? Yes No
If yes, how did you determine whether a 0.25" storm event has occurred? Rain Gauge Weather Station
Storm event information is from Pease Air Force Base.

+Storm event information (approx.): Start date: 1/16/21 Amount (inches): 1.05 inches

NOTE:
SWPPP inspection was conducted towards the end of the storm event. (1/16/21; 1:30 pm – 4:00 pm)

Inspector name(s), title(s) and qualifications: **Elizabeth Olliver, Normandeau Environmental Inspector and Marc Jacobs, CPESC, NHCWS**

Others present/qualifications(s):

Weather conditions (since last inspection): **Cloudy Tuesday changing to mostly sunny Wednesday through Friday. Temperatures in the high 20s to low 40s.**

Weather conditions (time of inspection & future outlook): **Raining Saturday. Total precipitation of 1.05". Mostly sunny Sunday through Tuesday. Temperatures in the low 20s to high 40s.**

CONSTRUCTION SITE SEQUENCING AND DISTURBANCE

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

Proceeding per approved plan? Yes No, if not, note area and explain:

Operating within phasing limitations? Yes No, if not, note area and explain:

General Comments

- Continued BMP maintenance and upkeep is a constant priority on shorelines of both sides of the Bay until vegetation has established to stabilize the sites.
- All contractors on site should have a copy of the construction drawings.

Work completed this week:

- *Portsmouth*
 - *None - construction and restoration complete. Post-construction inspections are continuing.*
- *Madbury*
 - *None – construction and restoration complete. Post-construction inspections are continuing.*
- *Newington*
 - *None – construction and restoration complete. Post-construction inspections are continuing.*
- *Durham*
 - *None – construction and restoration complete. Post-construction inspections are continuing.*

Erosion and sediment control items and observations:

- **BMPs**
 - All remaining BMPs should be left in place until the sites are determined to be stabilized by the environmental monitor.
 - Development of minor rills and buildup of sediment noted on the toe of the slope at the Eversource property/west side of the bay. (See Photo 3)
 - Development of minor rills on the slope between Strs. 28 and 29. (See Photo 8).
 - Assessment of repair of rills and any necessary adjustment of erosion and sedimentation controls will occur over the next few days.

Corrective Action

- None

OPERATING WITHIN LIMITS?

N/A YES NO if not, please explain:

SURFACE WATER QUALITY

Storm water discharge from the site at the time of inspection? YES NO N/A
Storm water discharge consistent with water quality standards? YES NO N/A
Turbidity visually observed? YES NO

If yes, check appropriate location(s) below, and describe discharge:

Location: N/A
Pond location: N/A
Adjacent surface water or wetland: N/A

Description: None

TEMPORARY EROSION AND SEDIMENT CONTROLS (TESC)

Installed and functioning per the SWPPP? YES NO N/A

Are any corrective actions required? YES NO if so, please describe?

** 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? 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: Hannah Ln, Eversource property/west side of bay, Strs. 89-90

Moderate germination: Strs. 4-6, Strs. 7-21, 25-34, 36-88, 91-101, 107, 109-112, 122-127, 129-130, and Gundalow Landing/east side of bay.

Stabilized (85%+ germination): Strs. 1-3, 22-24, 35, 67, 102-106 (including Frink farm), 108, 113-121, 128, 131-144, UNH UG.

OTHER COMMENTS AND OBSERVATIONS:

-None other than the above comments.

CERTIFICATION:

"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: 01/17/21

PHOTOGRAPHS



Fig 1: Slope leading down to cable house and salt marsh restoration at the Eversource property/west side of the bay. Viewing northeast. (01-16-21)



Fig 2: Stabilized slope between the cable house and salt marsh restoration at the Eversource property/west side of the bay. Viewing south. (01-16-21)

PHOTOGRAPHS



Fig 3: Minor rills and sedimentation on the slope above the salt marsh at the Eversource property/west side of the bay. Viewing west. (01-16-21)



Fig 4: Str. 89 work area. Viewing southeast. (01-16-21)

PHOTOGRAPHS



Fig 5: Str. 90 work area. Viewing northeast. (01-16-21)



Fig 6: Stream DS46 between Strs. 51 and 52. Viewing northeast. (01-16-21)

PHOTOGRAPHS



Fig 7: Lower portion of slope between Strs. 28 and 29. Viewing northeast. (01-16-21)



Fig 8: Minor rill and preferential flow path development on lower portion of slope between Strs. 28 and 29. Viewing south. (01-16-21)

PHOTOGRAPHS



Fig 9: Slope above the manhole at Gundalow Landing/east side of the bay. Viewing east. (01-16-21)



Fig 10: Slope below the manhole at Gundalow Landing/east side of the bay. Viewing east. (01-16-21)

PHOTOGRAPHS



Fig 11: Toe of the slope at Gundalow Landing/east side of the bay. Viewing south. (01-16-21)

PROJECT TEAM

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