



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: **01/05/21** Time: **8:30am** 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: 01/01/20 Amount (inches): 0.44 inches of precipitation

NOTE:
SWPPP inspection for the 01/01/21 storm event was conducted on 01/02/21.

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): **Light rain Wednesday evening. Total precipitation of 0.02". Mostly sunny Thursday changing to cloudy Friday. Light snow changing to rain Friday evening into Saturday morning. Total precipitation of 0.44". Cloudy Sunday with trace snow in the evening. Cloudy Monday and Tuesday with trace snow showers on Tuesday. Temperatures in the high 20s to low 40s.**

Weather conditions (time of inspection & future outlook): **Cloudy Wednesday with slight chance of snow showers Wednesday evening. Sunny Thursday through Wednesday. Temperatures in the low 20s to low 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*
 - *Rye Beach Landscaping began restoration of slope around cable house/west side of the bay.*
 - *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.

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:

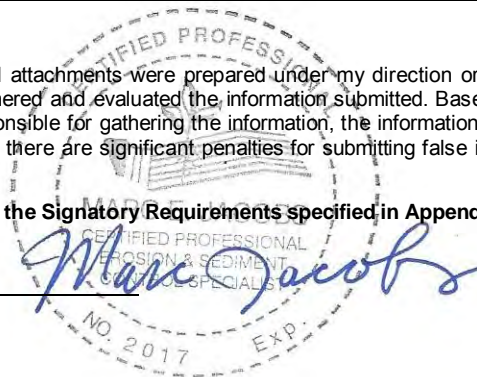
-None other than the above comments.

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: 01/07/21

PHOTOGRAPHS



Fig 1: Removal of debris from pile on the slope above the cable house at the Eversource property/west side of the bay. Viewing northwest. (01-05-21)



Fig 2: Slope leading down to cable house and salt marsh restoration at the Eversource property/west side of the bay. Viewing northeast. (01-05-21)

PHOTOGRAPHS



Fig 3: Slope between the cable house and salt marsh restoration at the Eversource property/west side of the bay. Viewing south. (01-05-21)



Fig 4: Toe of the slope and salt marsh restoration at the Eversource property/west side of the bay. Viewing south. (01-02-21)

PHOTOGRAPHS



Fig 5: Restoration of the toe of slope below the cable house at the Eversource property/west side of the bay. Viewing east. (01-05-21)



Fig 6: Gravel drip line installed along eastern side of the cable house at Eversource property/west side of the bay. Viewing north. (01-05-21)

PHOTOGRAPHS



Fig 7: Temporary loam stockpile at the Eversource property/west side of the bay. Viewing south. (01-05-21)



Fig 8: Str. 89 work area. Viewing southeast. (01-02-21)

PHOTOGRAPHS



Fig 9: Str. 90 work area. Viewing northeast. (01-02-21)



Fig 10: Stream DS46 between Strs. 51 and 52. Viewing northeast. (01-05-21)

PHOTOGRAPHS



Fig 11: Lower portion of slope between Strs. 28 and 29. Viewing northeast. (01-05-21)



Fig 12: Slope above the manhole at Gundalow Landing/east side of the bay. Viewing east. (01-05-21)

PHOTOGRAPHS



Fig 13: Slope below the manhole at Gundalow Landing/east side of the bay. Viewing east. (01-05-21)



Fig 14: Toe of the slope at Gundalow Landing/east side of the bay. Viewing south. (01-05-21)

PHOTOGRAPHS



Fig 15: Salt marsh restoration at Gundalow Landing/east side of the bay. Viewing northwest. (01-05-21)

PROJECT TEAM

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