



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: **10/14/20** Time: **7:30am** '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: 10/13/2020 Amount (inches): 1.55 inches

NOTE:
*The site was inspected during the storm event on 10/13/2020, and immediately after on 10/14/20.

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

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

Weather conditions (since last inspection): **Thunderstorms Wednesday evening with a total accumulation of 0.01 inches. Mostly sunny Thursday to Monday changing to rain on Tuesday with a total accumulation of 1.55 inches. Temperatures in the low 40s to low 70s.**

Weather conditions (time of inspection & future outlook): **Sunny Wednesday and Thursday. Partly sunny Friday, turning to rain in the afternoon and continuing into Saturday. Mostly Sunny Sunday to Tuesday. Temperatures in the mid 40s to low 70s.**

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*
 - *JCR re-seeded sparsely-vegetated sections of the ROW from Strs. 1 to 6*
 - *Post-construction inspections are continuing.*
- *Newington*
 - *Post-construction inspections in the right-of-way are continuing.*
- *Durham.*
 - *JCR re-seeded sparsely-vegetated sections of the ROW from Strs. 7 to 50.*
 - *New England Scaffolding completed scaffolding set up around the cable house.*
 - *Richard Irons – Restoration Masons began work on the cable house.*
 - *Post-construction inspections in the right-of-way 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.
 - A portion of the silt fence along the toe of the slope north of the cable house was undercut during the 10/13/2020 storm event and a small amount of sediment leaked beyond the fence (See Photo 13). There were no impacts to the intertidal zone. The undercut portion of the silt fence will be re-installed prior to the next storm event.

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: Cable House at Durham Point Road
 Pond location: N/A
 Adjacent surface water or wetland: Great Bay

Description: Silt fence was undercut and a small plume of sediment was observed on the ledge above the HOTL.

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?

Silt fence repair at Eversource property on Durham Point Road will be done in advance of the next rain event on Friday.

** 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: Strs. 33-34, 49, 51-60, Gundalow Landing

Moderate germination: Str. 4-6, Strs. 7-21, 25-32, 36-48, 50, 61-101, 107, 109-112, 122-127, 129-130, and both sides of Little Bay.

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

OTHER COMMENTS AND OBSERVATIONS:

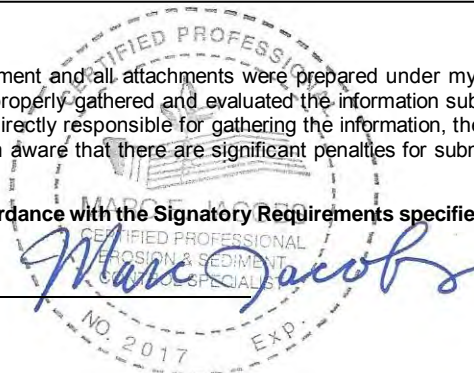
-None other than the above comments.

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: 10/15/20

PHOTOGRAPHS



Fig 1: The level spreader below the manhole at Gundalow Landing/east side of the bay. Viewing southwest. (10-13-20)



Fig 2: Initial positioning of silt sock along the southeastern side of the slope below the manhole at Gundalow Landing. Viewing southwest. (10-13-20)

PHOTOGRAPHS



Fig 3: Adjusted positioning of silt sock along the southeastern side of the slope below the manhole at Gundalow Landing. Viewing southwest. (10-13-20)



Fig 4: Corner in the southeastern portion of the lawn at Gundalow Landing. Viewing southeast. (10-13-20)

PHOTOGRAPHS



Fig 5: The lawn above the slope at Gundalow Landing/east side of the bay. Viewing west. (10-14-20)

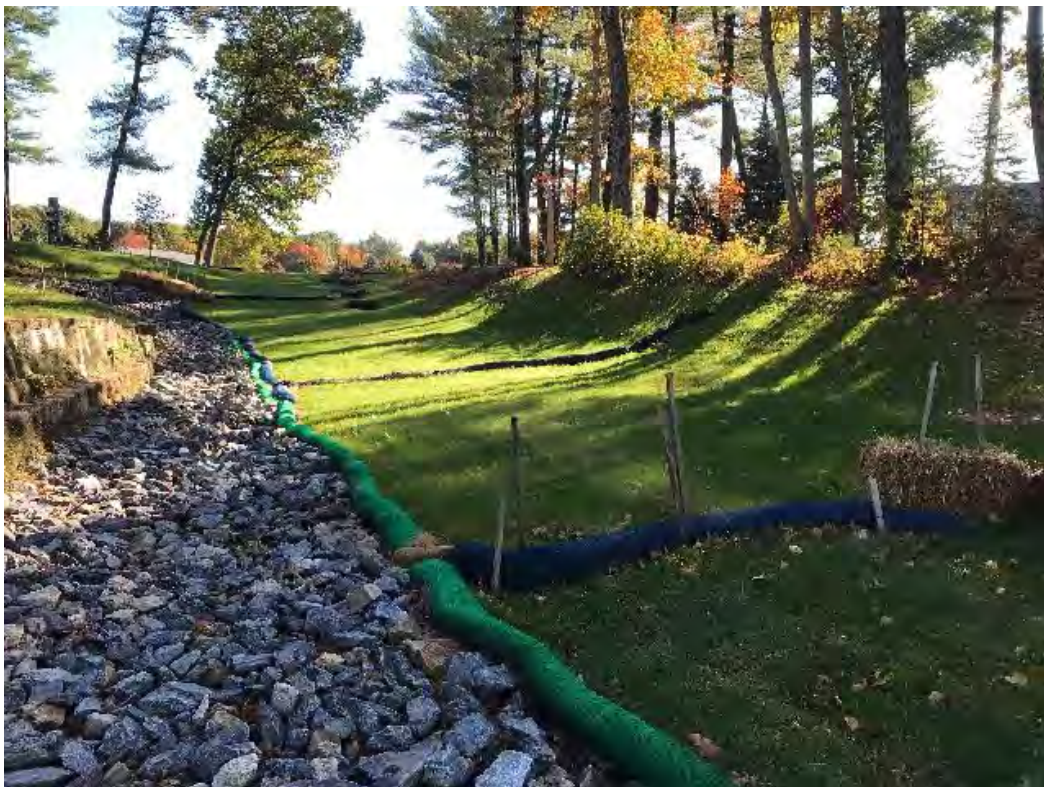


Fig 6: Slope above the manhole at Gundalow Landing/east side of the bay. Viewing east. (10-14-20)

PHOTOGRAPHS



Fig 7: Slope below the manhole at Gundalow Landing/east side of the bay. Viewing east. (10-14-20)



Fig 8: Toe of the slope below the manhole at Gundalow Landing/east side of the bay. Viewing south. (10-14-20)

PHOTOGRAPH



Fig 9: Salt marsh restoration at Gundalow Landing/east side of the bay. Viewing southwest. (10-14-20)



Fig 10: The slope above the cable house at the Eversource property/west side of the bay. Viewing east. (10-14-20)

PHOTOGRAPHS



Fig 11: Toe of the slope below the cable house at Eversource property/west side of the bay. Viewing south. (10-14-20)



Fig 12: Salt marsh restoration at the Eversource property/west side of the bay. Viewing south. (10-14-20)

PHOTOGRAPHS



Fig 13: Silt fence needing repair along the toe of the slope north of the cable house. Viewing southwest. (10-14-20)



Fig 14: Slope between Strs. 28 and 29. Viewing northeast. (10-14-20)

PHOTOGRAPHS



Fig 15: Stream DS46 between Strs. 51 and 52. Viewing southwest. (10-13-20)

PROJECT TEAM

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