



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: **1/02/19** Time: **8:00am** '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: 12-30-19	Amount (inches): 0.91in
	Start date:	Amount (inches):
	Start date:	Amount (inches):

NOTE:
* This report includes the inspection for the above rain event.

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): **Clear, with temperatures in the 30's.**

Weather conditions (time of inspection & future outlook): **Rainy conditions. Future forecast shows clear weather, with a chance of snow and rain. Temperatures in the 30's. and 40's.**

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 in intertidal zones on both sides of the Bay during cable installment.
- Housekeeping such as sweeping of timber mats and roads is a must.
- All required BMPs need to be installed before construction activities.
- All contractors on site should have a copy of the construction drawings.
- No work on New Year's Day.

Work completed this week:

- *Portsmouth*
 - *Boulos continues to do work at substation.*
- *Newington*
 - *GZA continues to manage soils excavated during drilling activities.*
 - *Normandeau installed turbidity barrier at toe of slope at Gundalow landing. As an additional protection measure until the slope is fully vegetated.*
- *Durham.*
 - *JCR continues to build access roads.*
 - *JCR set cans for Strs. 53-56.*
 - *MJ Drilling continues to drill foundation for Str. 85.*

Erosion and sediment control items and observations:

- **BMPs**
 - All required BMPs need to be installed before construction activities start.

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: N/A.

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: Both sides of Little Bay. Trench between Strs. 106-107 (Frink farm). Strs. 28 & 29.

Less than 85% germination: Strs. 135 – 139.

Stabilized (85%+ germination): Field house at UNH, Colovos Rd at UNH, College Brook.

OTHER COMMENTS AND OBSERVATIONS:

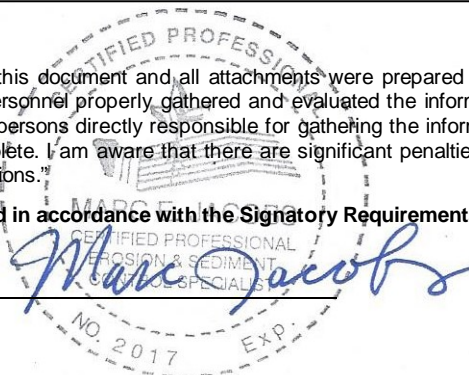
-None other than the above comments.

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: _____ 1/02/20

PHOTOGRAPHS



Fig 1: Temporary mat bridge over stream DS46 between Strs. 51 & 52. Viewing northeast. (12-26-19).



Fig 2: Straw bales installed upslope of stream DS46. Viewing southwest. (12-26-19).



Fig 3: Installed siltation controls at wetland DW33 crossing. Viewing east. (12-26-19).



Fig 4: Getchell property/west side of the Bay. Viewing southeast. (12-26-19).

PHOTOGRAPHS



Fig 5: Existing poles removed in the location where Str. 58 is to be drilled. Viewing east. (12-27-19).



Fig 6: Wetland DW31 crossing. Viewing east. (12-27-19).



Fig 7: Foundation can set in place for Str. 53. Viewing southwest. (12-27-19).



Fig 8: Turbidity barrier installed in intertidal zone at Gundalow landing/ east side of the Bay. Viewing south. (12-30-19).

PHOTOGRAPHS



Fig 9: Turbidity barrier installed in intertidal zone at Gundalow landing/ East side of the Bay. Viewing east. (12-30-19).



Fig 10: BMPs installed on slope at Getchell property/west side of the Bay. Viewing north. (12-31-19).



Fig 11: Sediment controls functioning well at Getchell property/west side of the Bay. Viewing south. (12-31-19).



Fig 12: Crew hammering ledge for foundations at Str. 55. Viewing southwest (12-31-19).

PHOTOGRAPHS



Fig 13: Temporary matted access road through wetland DW31 between Strs. 55 & 56. Viewing southwest. (12-31-19).



Fig 14: Sediment controls functioning well at Gundalow Landing/east side of the Bay. Viewing southwest. (12-31-19).

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