



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: **02/12/20** 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: 02-06-20	Amount (inches): 0.16in
	Start date: 02-07-20	Amount (inches): 0.22in
	Start date: 02-10-20	Amount (inches): 0.12in

NOTE:
*

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): **Sporadic light rain, with temperatures in the 30's and 40's.**

Weather conditions (time of inspection & future outlook): **light rain, temperature in the 30's. Future forecast shows snow/rain before the weekend, then partly sunny throughout the weekend and early next week.**

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 during the winter months.
- Housekeeping such as sweeping of timber mats and roads is a must.
- 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*
 - *Boulos continues to do work at substation.*
- *Newington*
 - *GZA continues to manage soils excavated during construction activities.*
 - *JCR began building access road from Str. 116 to Str. 114.*
- *Durham.*
 - *JCR continues to build access roads from Strs. 61-72.*
 - *JCR finished removing mats at Strs. 1-3.*
 - *MJ finished drilling foundation for Str. 58.*
 - *MJ poured foundation for Str. 58.*

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

- 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-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:

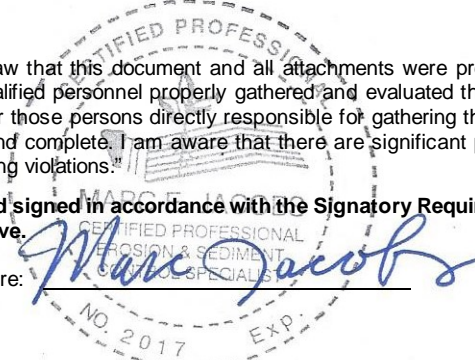
-None other than the above comments.

CERTIFICATION:

"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: _____ 02/13/20

PHOTOGRAPHS



Fig 1: Str. 70. Viewing east. (02-06-20).



Fig 2: Slope at Gundalow landing/east side of the Bay. Viewing west. (02-06-20).



Fig 3: Turbidity barrier in intertidal zone at Gundalow landing/east side of the Bay. Viewing southwest. (02-06-20).



Fig 4: Turbidity barrier in intertidal zone at Gundalow landing/east side of the Bay. Viewing southwest. (02-07-20).

PHOTOGRAPHS



Fig 5: Slope at Gundalow landing/east side of the Bay. Viewing east. (02-07-20).



Fig 6: BMPs at Getchell property/west side of the Bay. Viewing east. (02-07-20).



Fig 7: Crew continues to drill at Str. 58. Viewing south. (02-10-20).



Fig 8: Crew continues to remove timber matted access road for Strs. 1 and 2. Viewing south. (02-10-20).

PHOTOGRAPHS



Fig 9: Access road between Strs. 57 and 58. Viewing west. (02-11-20).



Fig 10: Turbidity barrier remains in place in intertidal zone at Gundalow landing/east side of the Bay. Viewing southwest. (02-11-20).



Fig 11: Timber mats have been removed from Madbury substation to Str. 3. Viewing south. (02-11-20).

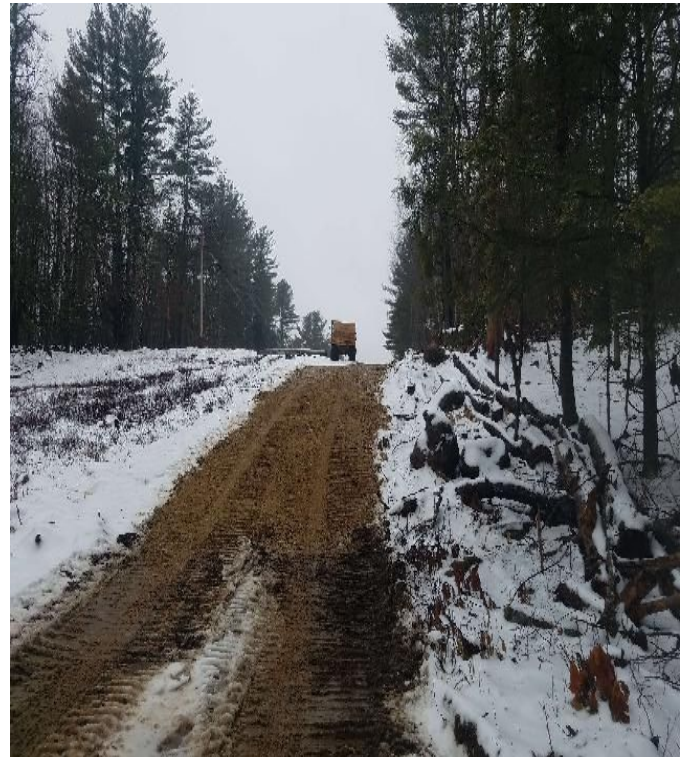


Fig 12: Crew installing stone on sloped sections of the access road between Strs. 52-58 for concrete truck access. This area is next to Str. 53. Viewing west. (02-11-20).

PHOTOGRAPHS



Fig 13: Crew building access road from Str. 116 to Str. 114. Through wetlands NW11 and NW13. Viewing north. (02-12-20).



Fig 14: Building access road from Str. 116 to Str. 114. Through wetlands NW11 and NW13. Viewing north. (02-12-20).



Fig 15: Strs. 123 and 124. Viewing south. (02-12-20).



Fig 16: MJ prepping to pour foundations for Str. 58. Viewing south. (02-12-20).

PROJECT TEAM

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