



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: **04/01/20** 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: 03-29-20	Amount (inches): 0.68 in
	Start date:	Amount (inches):
	Start date:	Amount (inches):

NOTE:
* Report for the 3-29-20 rain event was submitted on 3-30-20. Photos for that day are included in that report.

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): **Rain. Temperatures in the 40's.**

Weather conditions (time of inspection & future outlook): **Rain, temperature in the 40's. Future forecast shows clear weather throughout the weekend and early next week. Temperatures in the 40's and 50'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 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*
 - *None*
- *Madbury*
 - *Boulos continues to do work at substation.*
- *Newington*
 - *GZA continues to manage soils excavated during construction activities.*
 - *JCR began to remove timber mats from access road to Str. 107.*
- *Durham.*
 - *JCR began building access road from Strs. 83-86.*
 - *JCR set Strs. 71 and 74.*
 - *JCR began excavating foundation for Str. 94.*
 - *JCR set foundation cans for Strs. 75-78, 96 and 95.*

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

The list below addresses the correction action items identified in the storm water report that was distributed on 03-30-20.

- Crew Addressed corrective action item in wetland NW18 at Frink farm on 03-31-20. See photo 10 below.
- Crew Addressed corrective action item on slope to Str. 28 on 03-31-20. See photo 13 below.
- Crew Addressed corrective action item for area around Str. 29 foundation on 03-31-20. See photo 14 below.
- Crew Addressed corrective action item downslope of Str. 99 on 04-01-20. See photo 22 below.
- Crew Addressed corrective action item on slope at Getchell property/west side of the bay on 04-01-20. See photo 23 below.

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: Frink farm
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: _____ 04/02/20

PHOTOGRAPHS



Fig 1: Standing Str. 71. Viewing west. (03-26-20).



Fig 2: Hammering ledge at Str. 75. Viewing northeast. (03-26-20).

PHOTOGRAPHS



Fig 3: Building access road from Str 85 to 83. Viewing west. (03-26-20).



Fig 4: Str. 23 foundation. Viewing west. (03-27-20).

PHOTOGRAPHS



Fig 5: Soil pile blended into existing slope and area restored at Str. 27. Viewing northeast. (03-27-20).



Fig 6: Soil pile blended into existing slope and area restored at Str. 27. Viewing north. (03-27-20).

PHOTOGRAPHS



Fig 7: Foundation cans set at Str. 75. Viewing north. (03-27-20).

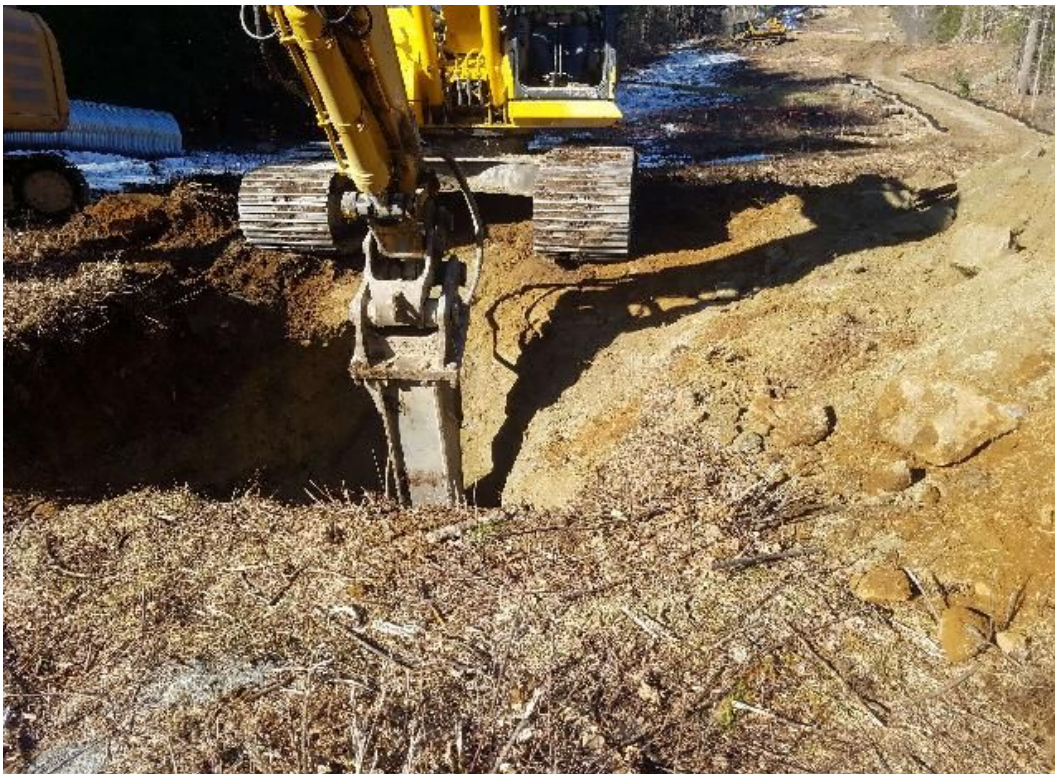


Fig 8: hammering ledge at Str. 76. Viewing west. (03-27-20).

PHOTOGRAPHS



Fig 9: Excavating foundation for Str. 95. Viewing southeast. (03-27-20).



Fig 10: Repairs made to erosion in wetland NW18 at Frink farm. Viewing northwest. (03-31-20).

PHOTOGRAPHS



Fig 11: Foundation can set at Str. 95. Viewing west. (03-31-20).



Fig 12: Beginning to excavate foundation for Str. 94. Viewing northwest. (03-31-20).

PHOTOGRAPHS



Fig 13: Filter sock installed on upslope side of bales on access road to Str. 28. Viewing east. (03-31-20).



Fig 14: Erosion addressed at Str. 29, filter sock installed downslope of foundation. Viewing west. (03-31-20).

PHOTOGRAPHS



Fig 15: Str. 76 foundation can set. Viewing west. (03-31-20).



Fig 16: Setting foundation can at Str. 77. Viewing northeast. (03-31-20).

PHOTOGRAPHS



Fig 17: Foundation can set at Str. 77. Viewing west. (04-01-20).



Fig 18: Excavating foundation for Str. 78. Viewing south. (04-01-20).

PHOTOGRAPHS



Fig 19: Standing Str. 74. Viewing west. (04-01-20).



Fig 20: Removing timber mats from access road leading to Str. 107. Viewing northeast. (04-01-20).

PHOTOGRAPHS



Fig 21: Access road from Str. 85 to 86 through wetland DW 24. Viewing southeast. (04-01-20).



Fig 22: Erosion repaired downslope of Str. 99, filter sock added. Viewing east. (04-01-20).

PHOTOGRAPHS



Fig 23: Erosion repaired on slope at Getchell property/west side of the Bay. Viewing north. (04-01-20).

PROJECT TEAM

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