



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: **04/15/20** 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: 04-09-20	Amount (inches): 0.99 in
	Start date: 04-13-20	Amount (inches): 0.80 in
	Start date:	Amount (inches):

NOTE:
* Report for the 4-09-20 rain event was submitted on 4-10-20. Second report for the 4-13-20 rain event was submitted on 4-13-20. Photos for those inspections/days are included in the reports.

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 showers. Temperatures in the 50's.**

Weather conditions (time of inspection & future outlook): **Clear, temperature in the 50's. Future forecast shows sporadic rain throughout the weekend and early next week. Temperatures in the 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 and spring months until vegetation has established to stabilize the sites.
- 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 removing timber mats from access road from Str. 115 to 116.*
- *Durham.*
 - *JCR began building access road from Str. 38-35.*
 - *JCR began excavating foundation for Str. 80.*
 - *JCR set foundation cans for Strs. 79, 92-93.*

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

- Correction action items identified in the storm water report that was distributed on 04-13-20 must be completed by 04/21/20.

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? See SWPPP report (04-13-20)

** 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: _____

MARC E. JACOBS
CERTIFIED PROFESSIONAL
EROSION & SEDIMENT
CONTROL SPECIALIST
NO. 2017 EXP. 2020

Date: _____ 04/16/20

PHOTOGRAPHS



Fig 1: Hammering ledge at Str. 79. Viewing east. (04-09-20).



Fig 2: Beginning to excavate foundation for Str. 93. Viewing southeast. (04-09-20).

PHOTOGRAPHS



Fig 3: Foundation can set at Str. 92. Viewing north. (04-09-20).



Fig 4: Distribution pole 3162-51 set. Viewing west. (04-09-20).

PHOTOGRAPHS



Fig 5: Foundation can set for Str. 79. Viewing southeast. (04-14-20).



Fig 6: Hammering ledge at Str. 80. Viewing south. (04-14-20).

PHOTOGRAPHS



Fig 7: Drilling ledge at Str. 80. Viewing south. (04-15-20).



Fig 8: Drilling ledge for Str. 80 foundation. Viewing west. (04-15-20).

PHOTOGRAPHS



Fig 9: Removing timber mats from access road to Str. 115, through wetland NW11. Viewing northwest. (04-15-20).



Fig 10: Wetland NW11 after timber mats have been removed. Viewing northwest. (04-15-20).

PROJECT TEAM

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