



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: **03/04/20** 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: 02-27-20	Amount (inches): 1.20 in
	Start date: 03-04-20	Amount (inches): 0.05 in
	Start date:	Amount (inches):

NOTE:
* Report and photos for the rain event on 02-27-20 was submitted on 02-28-20

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 daytime temperatures in the 40's.**

Weather conditions (time of inspection & future outlook): **Light rain/snow Friday evening, temperature in the 30's. Then clear throughout the weekend and early next week, temperatures in the 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 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 set Strs. 125 – 129.*
- *Durham.*
 - *JCR continues to build access roads from Strs. 61-67.*
 - *JCR continues to excavate foundations for Strs. 63 and 66.*
 - *JCR set cans for Strs.64 and 65.*

Erosion and sediment control items and observations:

- **BMPs**
 - All required BMPs need to be installed as access roads are being built, before construction starts.
 - Restore ground surface, seed and spread straw as timber mats are removed.
 - When drilling, crews have been continuously dampening the drilling area so as to minimize fugitive dust.

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: _____ 03/05/20

PHOTOGRAPHS



Fig 1: Building access road from Str. 74 to Str. 75. About to mat through wetland DW21. Viewing west. (02-28-20).



Fig 2: Excavating foundation for Str. 65. Viewing west. (02-28-20).



Fig 3: Turbidity curtain in intertidal zone at Gundalow landing/east side of the Bay. Viewing south. (03-02-20).



Fig 4: Straw spread over exposed soils at Str. 65. Viewing west. (03-02-20).

PHOTOGRAPHS



Fig 5: Beginning to excavate foundation for Str. 64. Viewing south. (03-02-20).



Fig 6: Access road leading to Str. 75, through wetland DW21. Viewing east. (03-02-20).



Fig 7: Str. 126. Viewing northwest. (03-02-20).



Fig 8: Standing Str. 126 foundation. Viewing northwest. (03-02-20).

PHOTOGRAPHS



Fig 9: Str. 125 foundation. Viewing southwest. (03-02-20).



Fig 10: Crew beginning to build matted work pad for Str. 128, in wetland NW1. Viewing south. (03-02-20).



Fig 11: BMPs installed around wetland DW7 for work at Str. 63. Viewing west. (03-03-20).



Fig 12: BMPs installed between Str. 62 work area and wetland DW5. Viewing northwest. (03-03-20).

PHOTOGRAPHS



Fig 13: Installing filter fabric between timber mats at Str. 128. Viewing northeast. (03-03-20).



Fig 14: Str. 129 anchor point work pad. Viewing northwest. (03-03-20).



Fig 15: Groundwater in hole at Str. 63. Viewing south. (03-04-20).



Fig 16: Pumping out water in hole at Str. 63. Viewing south. (03-04-20).

PHOTOGRAPHS



Fig 17: Dewatering basin built across Timber Brook Lane to dewater Str. 63. Viewing south. (03-04-20).



Fig 18: Pumping water from Str. 63 to dewatering basin. Viewing south. (03-04-20).



Fig 19: Prepping to excavate foundation for Str. 129. BMPs installed Between work area and wetland NW1. Viewing west. (03-04-20).



Fig 20: Turbidity barrier and concrete mattress at Gundalow landing/ east side of the Bay. Viewing southwest. (03-04-20).

PROJECT TEAM

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