



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: **04/03/20** Time: **4:00pm** '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: 04-02-20	Amount (inches): 1.23 in
	Start date:	Amount (inches):
	Start date:	Amount (inches):

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): **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. **See photo 12 below.**
- 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*
 - *No active construction during inspection.*
- *Newington*
 - *No active construction during inspection.*
- *Durham.*
 - *No active construction during inspection.*

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

- Fig 7: Install secondary filter sock downslope of Str. 51. Consult with the environmental monitor to coordinate schedules and for further direction.

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: Access road between Strs. 48-49. Access road over wetland DW25, between Strs. 75-76.
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 comments below.

** 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.

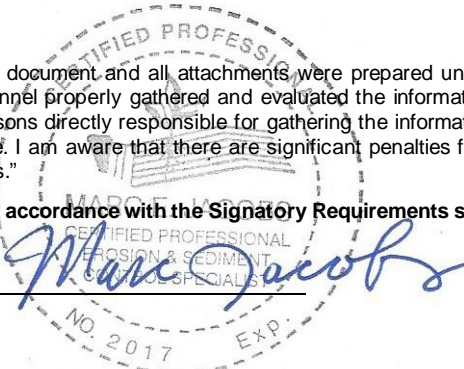
OTHER COMMENTS AND OBSERVATIONS:
-None other than the above comments.

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: _____ 04/03/20

PHOTOGRAPHS



Fig 1: BMPs on slope at Gundalow landing/east side of the Bay. Viewing east. (04-03-20).



Fig 2: Turbidity curtain in intertidal zone at Gundalow landing/east side of the Bay. Viewing south. (04-03-20).

PHOTOGRAPHS



Fig 3: Wetland NW18 at Frink farm. Viewing east. (04-03-20). Repairs made on 04/01/20 are effective.



Fig 4: Knights Brook at Frink farm. Viewing northwest. (04-03-20).

PHOTOGRAPHS



Fig 5: Access road between Strs. 51 and 52, over stream DS46. (04-03-20).



Fig 6: Strs. 54-56. Viewing northeast. (04-03-20).

PHOTOGRAPHS



Fig 7: Sediment undercut filter sock at Str. 51. Add additional filter sock. Viewing west. (04-03-20).



Fig 8: Access road through wetland DW9. Viewing west. (04-03-20).

PHOTOGRAPHS



Fig 9: Str. 63 work area and foundation. Viewing west. (04-03-20).



Fig 10: BMPs around Str. 68 work area and foundation. Viewing east. (04-03-20).

PHOTOGRAPHS



Fig 11: Access road through wetland DW21, between Str. 74-75. Viewing east. (04-03-20).



Fig 12: Access road between Str. 75 and 76. Note minor sediment through timber mats into wetland DW25. Viewing west. (04-03-20).

PHOTOGRAPHS



Fig 13: Access road from Str. 85 to 84. Viewing west. (04-03-20).



Fig 14: Access road to Str. 28. Viewing north. (04-03-20). Repairs made on 04/01/20 are effective.

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