



### 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: **02/19/20** 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: 02-13-20	Amount (inches): 0.08in
	Start date: 02-18-20	Amount (inches): 0.64in
	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): **Light snow and 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 is mostly clear throughout the weekend and the beginning of 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 continues to build access road from Str. 116 to Str. 112.*
  - *JCR set Strs. 115 and 116.*
  - *MJ finished drilling and poured foundation for Str. 130.*
- *Durham.*
  - *JCR continues to build access roads from Strs. 61-67.*
  - *JCR set foundation cans for Strs. 68 and 69 and began excavation foundation for Str. 67.*

### **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.

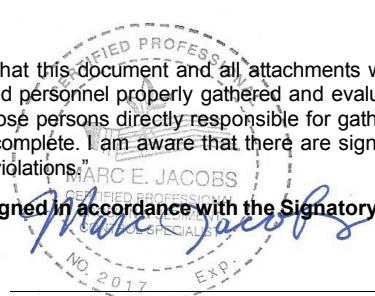
CERTIFICATION:

"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: \_\_\_\_\_ 02/20/20



**PHOTOGRAPHS**



Fig 1: Access road to Str. 68, coming off of Frost Dr. Viewing east. (02-13-20).



Fig 2: BMPs installed between Str. 69 work area and wetland DW13. Viewing west. (02-13-20).



Fig 3: Crew excavating foundation for Str. 69. Viewing south. (02-13-20).

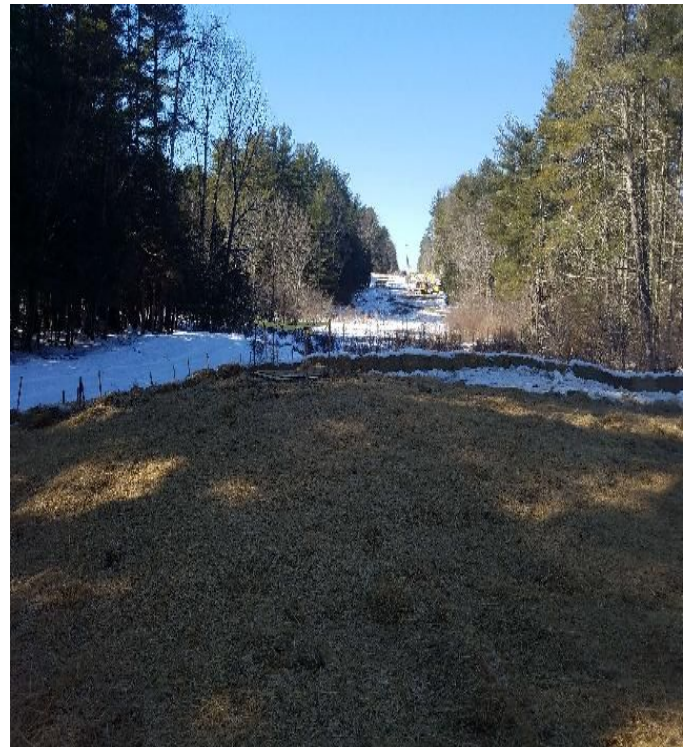


Fig 4: Straw spread over exposed soils at Str. 69. Viewing west. (02-14-20).

**PHOTOGRAPHS**



Fig 5: Access road to Str. 68. Viewing east. (02-14-20).



Fig 6: Filter sock installed downslope of access road to Str. 68. Viewing northeast. (02-14-20).



Fig 7: BMPs installed around the perimeter of the work area at Str. 68. Viewing east. (02-14-20).



Fig 8: Crew restoring Str. 58 work area. Viewing northeast. (02-14-20).

**PHOTOGRAPHS**



Fig 9: MJ drilling Str. 130. Viewing south. (02-14-20).



Fig 10: Turbidity barrier remains in place in intertidal zone at Gundalow landing/east side of the Bay. Viewing southwest. (02-17-20).



Fig 11: Str. 115 work pad. Viewing southwest. (02-17-20).



Fig 12: Crew excavating foundation for Str. 68. Viewing west. (02-17-20).

**PHOTOGRAPHS**



Fig 13: Straw spread over exposed soils at Str. 68. Viewing east. (02-18-20).



Fig 14: Crew beginning to build matted access road from Str. 112 to Str. 114. Viewing northeast. (02-18-20).



Fig 15: Excavating foundation for Str. 67. Viewing west. (02-19-20).



Fig 16: Access road to Str. 113 and 114, through wetland NW34. Viewing south. (02-19-20).

**PHOTOGRAPHS**



Fig 17: Str. 116. Viewing north. (02-19-20).



Fig 18: Str. 115 and distribution pole 3850-63. Viewing north. (02-19-20).



**PROJECT TEAM**

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