



### 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:    **10/19/19**    Time:    **5:00pm**    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: 10-17-19	Amount (inches): 1.83in
	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):    **Cloudy with temperatures ranging in the 50's.**

Weather conditions (time of inspection & future outlook):    **Cloudy with temperatures in the 50's.  
Future forecast shows a chance of rain later in the week. Temperatures ranging 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 will be constant priority in intertidal zones on both sides of the Bay during cable installment.

### **Work completed this week:**

- *Portsmouth*
  1. *Boulos continues to do work at substation.*
- *Newington*
  - *JCR continues site prep at the Shattuck Road laydown area.*
  - *GZA continues to manage soils excavated during trenching and drilling activities.*
  - *GZA continues to sample groundwater at the Frink farm.*
  - *McCourt continues trenching activities from Str 107.*
  - *McCourt continues trenching activities from Str. 106.*
  - *The stream diversion at the Frink farm is installed and functioning well.*
  - *LS Cable began jet plow activities to bury cable in Bay.*
  - *JCR continues to build access roads.*
  - *Blu Rock assists with cable pulling in trench on east side of the Bay.*
- *Durham*
  - *Blu Rock assists with cable pulling in trench on the west side of the Bay.*
  - *LS Cable began jet plow activities to bury cable in Bay.*
  - *LS Cable installed silt curtain in the Bay.*
  - *JCR continues to build access roads*

### **Erosion and sediment control items and observations:**

- **BMPs**
  - Cold patch asphalt needs to be removed from the site at Flynn pit. See photo 26 below.

### **Corrective Action**

- None other than above maintenance.

**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:

**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:

Sparse germination:  
Dense germination: Strs. 135, 136, 137  
Stabilized (85%+ germination): Field house at UNH, Colovos Rd at UNH, College Brook.

Storm Water Conveyance, Soil Stabilization, and Storm Water Treatment, Other:

**OTHER COMMENTS AND OBSERVATIONS:**

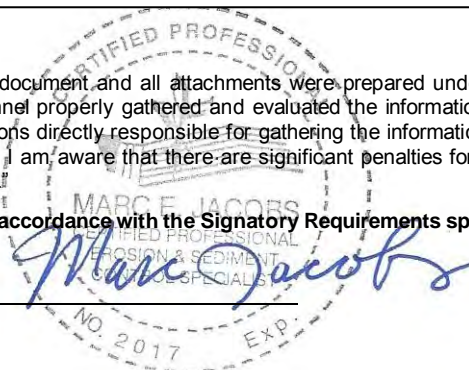
-None other than the above comments.

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: \_\_\_\_\_ 10/19/19

**PHOTOGRAPHS**



Fig 1: Pouring float fill in trench at Str. 106. Viewing west. (10-11-19).



Fig 2: Float fill in trench at Str. 106. Viewing east. (10-11-19).



Fig 3: Blu Rock began trenching activities in intertidal zone at Beswick property. Viewing northeast (10-11-19).



Fig 4: Sediment controls installed on the east side of the Bay. Viewing west. (10-11-19).

**PHOTOGRAPHS**



Fig 5: Access road to Str. 48. Viewing west. (10-11-19).



Fig 6: Bank stabilization in trench on the east side of the Bay. Viewing west. (10-12-19).



Fig 7: Red zone established at the Getchell property. Viewing north. (10-14-19).



Fig 8: Prepping to pull the cable at the Getchell property. Viewing east. (10-14-19).

**PHOTOGRAPHS**



Fig 9: Prepping to pull the cable at the Getchell property. Viewing east. (10-14-19).



Fig 10: Restoration of trench through wetland NW16 on the Frink farm. Viewing west. (10-14-19).



Fig 11: Spreading loam at Str. 100. Viewing west. (10-14-19).



Fig 12: Sediment controls on the east side of the Bay. Viewing west. (10-14-19).

**PHOTOGRAPHS**



Fig 13: Crew placing sod over restored trench along Gundalow landing. Viewing west. (10-14-19).



Fig 14: Accumulation of groundwater in trench at Frink farm. Viewing west. (10-15-19).



Fig 15: Restoring wetland NW16. Viewing west. (10-15-19).



Fig 16: Restoring wetland NW 16. Viewing west. (10-15-19).

**PHOTOGRAPHS**



Fig 17: Intertidal trench on the east side of the Bay. Viewing southwest. (10-15-19).



18: Trenching activities from Str. 107 westward. Viewing east. (10-15-19).



Fig 19: Cable pull on the west side of the Bay. Viewing east. (10-15-19).

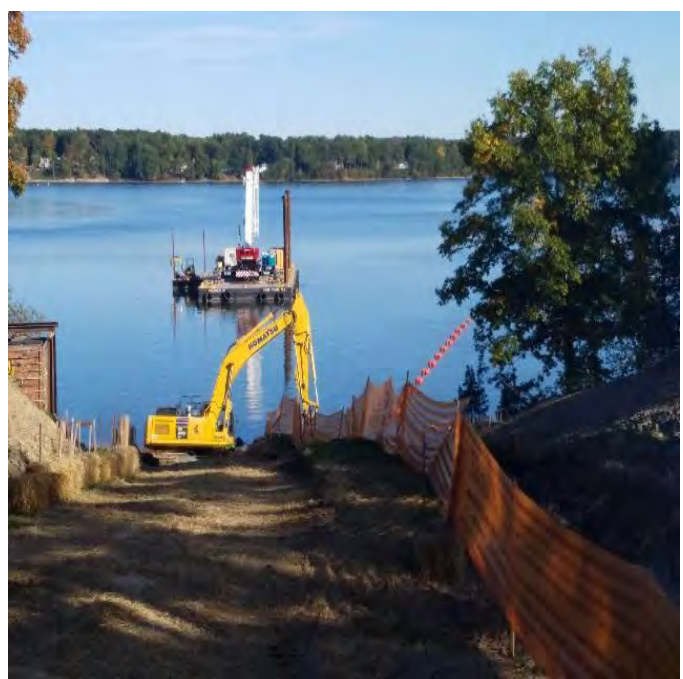


Fig 20: Cable pull on the west side of the Bay. Viewing east. (10-15-19).



**PHOTOGRAPHS**



Fig 21: Knights brook diversion discharge area. Viewing north. (10-16-19).



Fig 22: Restoring wetland soils in wetland NW 16. Viewing east. (10-16-19).



Fig 23: Stripping topsoil in agricultural zone at Frink farm. Viewing west. (10-16-19).



Fig 24: Stripping topsoil through wetland NW 18. Viewing west. (10-16-19).

**PHOTOGRAPHS**



Fig 25: Sediment controls in intertidal zone on the east side of the Bay.



Fig 26: Cold patch asphalt needs to be removed at Flynn Pit. Viewing south. (10-16-19).



Fig 27: Sediment controls on the west side of the Bay. Viewing east. (10-16-19).



Fig 28: Sediment controls downslope from Str. 29. Viewing west. (10-18-19).

**PHOTOGRAPHS**



Fig 29: Sediment control upkeep and maintenance along Oyster River. Viewing east (10-18-19).



Fig 30: Trenching activities in upland agricultural zone at Frink farm. Viewing west. (10-18-19).



Fig 31: Rain water accumulation in Knights Brook restoration at Frink farm. Viewing west. (10-18-19).



Fig 32: Sediment controls in trench on the east side of the Bay. Viewing east. (10-18-19).

**PROJECT TEAM**

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