



### 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:    **12/26/19**    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:	Amount (inches):
	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):    **Clear, with temperatures in the 30's.**

Weather conditions (time of inspection & future outlook):    **Clear conditions. Future forecast shows clear weather, with temperatures in the 30'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 in intertidal zones on both sides of the Bay during cable installment.
- Housekeeping such as sweeping of timber mats and roads is a must.
- All required BMPs need to be installed before construction activities.
- All contractors on site should have a copy of the construction drawings on-site.

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

- *Portsmouth*
  - *Boulos continues to do work at substation.*
  - *JCR set cans for Strs. 142 and 141.*
- *Newington*
  - *GZA continues to manage soils excavated during trenching and drilling activities.*
  - *Mackworth removed turbidity barrier at Gundalow landing/east side of the Bay.*
  - *Mackworth installed silt curtain at Gundalow landing/east side of the Bay.*
- *Durham.*
  - *JCR continues to build access roads.*
  - *JCR set can for Str. 54 and mulched exposed soils after backfilling.*
  - *MJ Drilling continues to drill foundation for Str. 85.*
  - *JCR commenced and continued installation of cans for Strs 53 and 55.*

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

- **BMPs**
  - A short section of turbidity barrier was installed at the toe of Gundalow landing / east side of the Bay for protection from wave and ice action and will be maintained throughout the winter.
  - Silt sock sections previously installed along stream DS 46 and between structures 51 and 55 need to be cut / disconnected so they can be overlapped properly (2-3 feet typically).

### **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:

Sparse germination: Agricultural zone at Frink farm, Beswick at Gundalow Landing  
Dense germination: Strs. 135, 136, 137  
Stabilized (85%+ germination): Field house at UNH, Colovos Rd at UNH, College Brook.

Storm Water Conveance. Soil Stabilization. and Storm Water Treatment. Other: None

**OTHER COMMENTS AND OBSERVATIONS:**

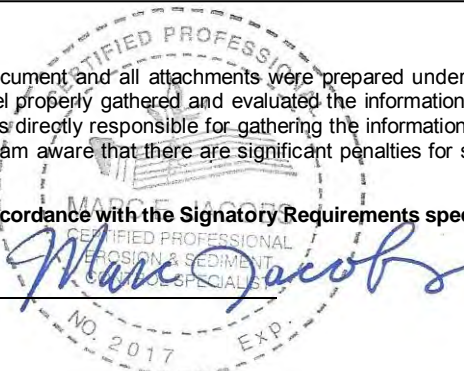
-None other than the above comments.

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: \_\_\_\_\_ 12/26/19



**PHOTOGRAPHS**



Fig 1: Removing timber mats on access road between Strs. 16-22. Viewing north. (12-19-19).



Fig 2: A stack of timber mats removed from access between Strs 16-22. Viewing east. (12-19-19).



Fig 3: Timber mats removed from wetland DW79. Will restore in the spring. Viewing south. (12-19-19).



Fig 4: Stone added to access road slope between Strs. 51 and 52. Either side of DS 46. Viewing east. (12-19-19).



**PHOTOGRAPHS**



Fig 5: Adding stone to access road slope between Strs. 51 and 52. Either side of DS 46. Note geotextile fabric. Viewing west. (12-19-19).



Fig 6: Access road through wetland DW33, heading to Str. 55. Viewing east. (12-19-19).



Fig 7: Hammering ledge at Str. 55. Viewing east. (12-19-19).



Fig 8: Excavating and setting foundation cans for Str. 141. Soil is used as backfill around can. Viewing south. (12-20-19.)



**PHOTOGRAPHS**



Fig 9: Silt curtain installed at Gundalow landing / east side of the Bay. Viewing west. (12-20-19).



Fig 10: Mulched soils viewing east from Str 54. (12-23-19)



Fig 11: Excavation for can at Str 53. Viewing west. (12-24-19)

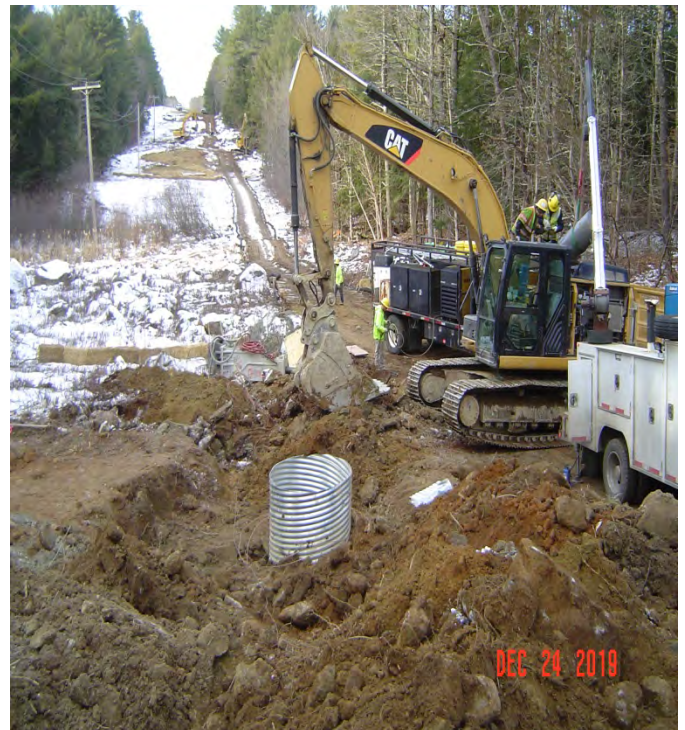


Fig 12: Can installation at Str 55. Viewing west. (12-24-19).

**PROJECT TEAM**

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