



### 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: **10/29/19** Time: **12:00pm** 'Does this inspection 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: 10/27/19	Amount (inches): 0.96in
	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): **rain, with temperatures in the 50's.**

Weather conditions (time of inspection & future outlook): **Slight rain at the time of inspection. Future forecast is scattered rain throughout the week, clearing up this weekend, 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

- Housekeeping, keeping the construction sites/work pads clean is a must! Picking up trash such as cigarette butts, welding rods, etc. This also includes keeping the timber mats clean, the timber mats need to be swept weekly.
- Contractors are required to keep and maintain (cover) spare erosion and sediment control materials on site.
- 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 and treat 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 (beginning to be removed).*
  - *LS Cable finished first jet plow activity to bury cable in Bay.*
  - *JCR continues to build access roads.*
  - *LS Cable began jet plow for second cable.*
  - *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 for second cable.*
  - *JCR continues to build access roads*
  - *JCR continues to remove timber matting around Str 28.*

### Erosion and sediment control items and observations:

- **BMPs**
  - Silt fence and straw bales in trench at Beswick needs repair. See photo 1 and 3 below.
  - Silt fence and straw bales have been repaired. See photo 10 below.

### Corrective Action

- Corrective actions identified 10-23-19 have been addressed and will be documented in this week's weekly report. No new corrective actions to report.

**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 (See erosion control installation/repair items above)  
Are any corrective actions required?         YES     NO if so, please describe? See above comments.

*\* 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 (PESC)**

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.

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:**

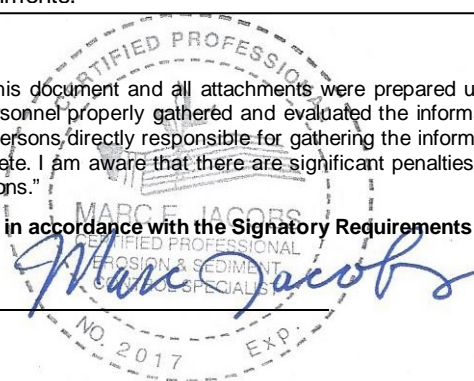
-None other than the above comments.

**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: \_\_\_\_\_ 10/29/19

**PHOTOGRAPHS**



Fig 1: Repairs needed to silt fence and straw bales in trench at Gundalow Landing/east side of the Bay. Viewing south. (10-28-19).

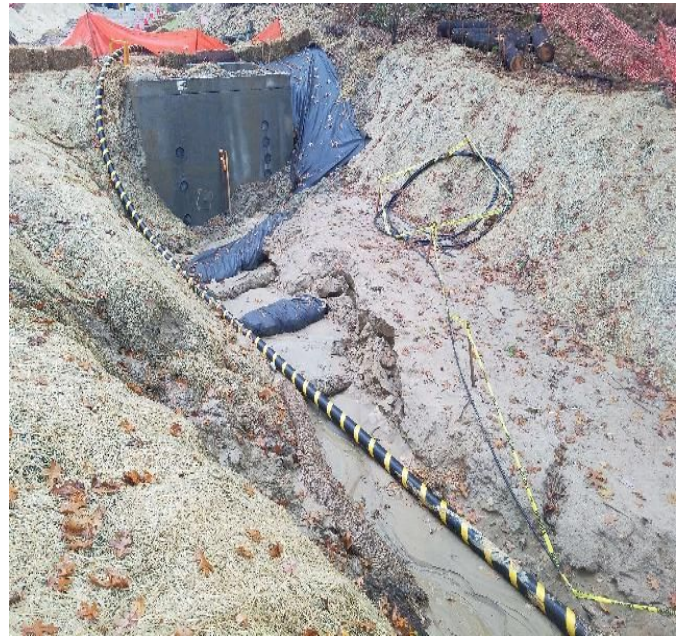


Fig 2: Cable landing in trench at Gundalow landing/east side of the Bay. Viewing east. (10-28-19).



Fig 3: Sediment build up behind silt fence and straw bales at Gundalow Landing/east side of the Bay. Viewing west. (10-28-19).



Fig 4: Exposed soils covered with plastic at Frink farm. Viewing east. (10-28-19).

**PHOTOGRAPHS**



Fig 5: Beginning to remove stream bypass in Knights Brook. Viewing west. (10-28-19).



Fig 6: Access to Str. 28 beginning to be removed. Viewing north. (10-28-19).



Fig 7: Silt fence downslope of Str. 29. Viewing west. (10-28-19).



Fig 8: Sediment controls at Getchell property/west side of the Bay. Viewing east. (10-28-19).

**PHOTOGRAPHS**



Fig 9: Sediment controls in trench on Getchell property/west side of the Bay. Viewing west. (10-28-19).



Fig 10: Repairs made to sediment controls in trench at Gundalow Landing/east side of the Bay. Viewing west. (10-28-19).

**PROJECT TEAM**

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