



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: **11/21/19** 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: 11-18-19	Amount (inches): 0.36in
	Start date: 11-20-19	Amount (inches): 0.22in
	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 40's.**

Weather conditions (time of inspection & future outlook): **Light rain, future forecast shows a chance of rain late in the week with temperatures in the 30's & 40'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

- Mackworth's boat capsized near the Getchell property on the west side of the Bay on 11-20-19, resulting with zero injuries. Corrective actions were immediately taken to safely recover the driver and the boat. Minor sheen was contained with absorbent boom.
- Continued BMP maintenance and upkeep is a constant priority in intertidal zones on both sides of the Bay during cable installation.
- Housekeeping such as sweeping of timber mats and roads is a must.

Work completed this week:

- *Portsmouth*
 1. *Boulos continues to do work at substation.*
- *Newington*
 - *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 to Nimble Hill Rd.*
 - *McCourt continues trenching activities from Str.106 to Nimble Hill Rd.*
 - *McCourt finished trenching and paved across Nimble Hill Rd.*
 - *JCR continues to build access roads.*
 - *Blu Roc continues maintaining on-shore trench on east side of the Bay.*
 - *New River Electrical Co began pulling cable from vault to Str. 100.*
- *Durham.*
 - *JCR continues to build access roads*
 - *JCR erected Strs. 16 through 20.*
 - *MJ Drilling drilled and poured foundations for Strs. 8 and 9.*
 - *MJ Drilling began drilling foundations for Str. 1.*
 - *Blu Roc continues maintaining on-shore trench on west side of the Bay.*
 - *Mackworth Environmental installed custom turbidity curtain for cable diver burial activities at the Getchell property/west side of the Bay.*
 - *New River Electrical Co. mobilized to the site.*
 - *JCR continues to build access roads.*

Erosion and sediment control items and observations:

- **BMPs**
 - Additional straw needs to be spread over ALL restored wetlands and nearby areas between Strs. 106 and 107. Please consult with environmental monitor.
 - Straw was broadcast over wetland NW22 and met the application standards, approved by environmental monitor. See photo 14 below.
 - Mulch/straw needed on slope around Str. 29. See photo 10 below.
 - BMPs need to be installed along access roads in wetlands. See photo 20 below.

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:

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.
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:

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: _____

MARC JACOBS
CERTIFIED PROFESSIONAL
EROSION & SEDIMENT
CONTROL SPECIALIST
NO. 2017 Exp. 11/21/19

Date: _____ 11/21/19

PHOTOGRAPHS



Fig 1: Trenching through agricultural zone at the Frink Farm. Viewing east. (11-15-19).

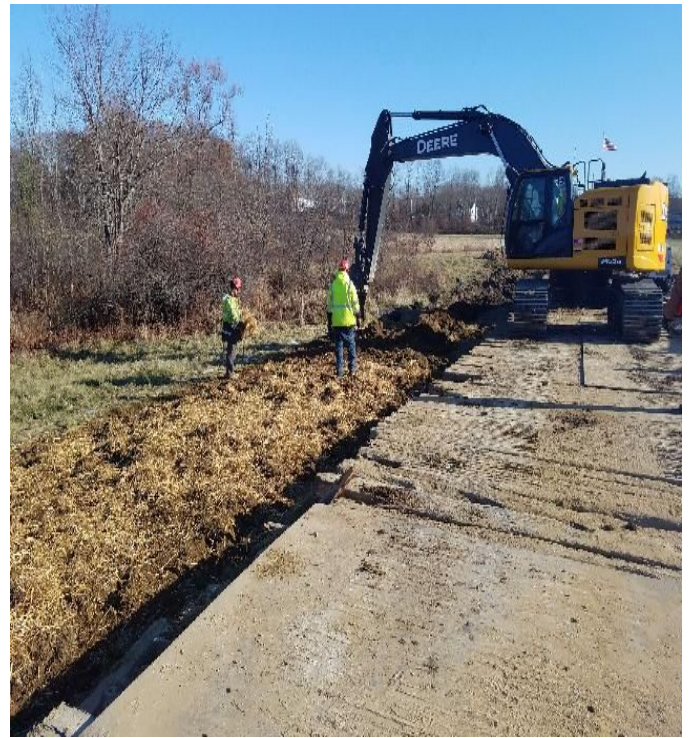


Fig 2: Restoring soils in agricultural zone at Frink Farm. Viewing east. (11-15-19).



Fig 3: Sediment controls in trench at Gundalow landing/east side of the Bay. Viewing west. (11-15-19).



Fig 4: Stone placed on vault to raise surface elevation for New Rivers activities at Gundalow landing/east side of the Bay. Viewing south. (11-15-19).

PHOTOGRAPHS



Fig 5: Trench and cable at Gundalow landing/east side of the Bay. Viewing west. (11-18-19).



Fig 6: Stone added to raise ground elevation in order for New River to complete their work activities above the man hole at Gundalow landing/east side of the Bay. Viewing west. (11-18-19).



Fig 7: Matted access road through wetland DW91. Viewing north. (11-18-19).



Fig 8: Mackworth assembling turbidity curtain at Getchell property/west side of the Bay. (11-18-19).

PHOTOGRAPHS



Fig 9: Cables assembled and secured in vault at Gundalow landing/east. Side of the Bay. Viewing southeast. (11-19-19).



Fig 10: Sediment controls installed downslope of Str. 29. Mulch/straw is recommended. Viewing southeast. (11-19-19).



Fig 11: Mulch/straw broadcast around Str 28. Viewing south. (11-19-19).

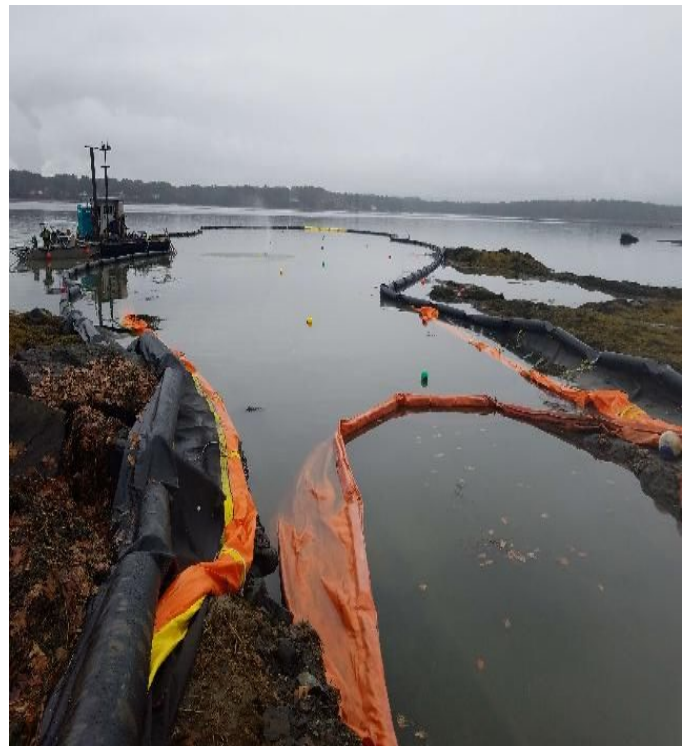


Fig 12: Diver cable burial at Getchell property/west side of the Bay. Viewing east. (11-19-19).

PHOTOGRAPHS



Fig 13: Trenching at Frink farm. Viewing east. (11-19-19).



Fig 14: Straw broadcast over wetland NW22. Viewing west. (11-19-19).



Fig 15: Crews recovering capsized boat at Getchell property/west side of the Bay. Viewing east. (11-20-19).



Fig 16: Deploying spill response absorbent boom around boat location to soak up any oil sheen on the water. Viewing east. (11-20-19).



Fig 17: Dewatering capsized boat. Viewing east. (11-20-19).



Fig 18: Crew installed second boom around perimeter of site. Viewing north. (11-20-19).



Fig 19: Crew installed second boom around perimeter of site. Viewing east. (11-20-19).



Fig 20: BMPs need to be installed along access in wetland MW2. Viewing south. (11-20-19).



Fig 21: New River Electrical Co. pulling cable from vault at Gundalow Landing/east side of the Bay to riser Str. 100. Viewing east. (11-20-19).

PROJECT TEAM

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