



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: **11/14/19** 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 40's.**

Weather conditions (time of inspection & future outlook): **Clear 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

- 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.

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 continues trenching across Nimble Hill Rd.*
 - *JCR continues to build access roads.*
 - *Blu Roc maintaining on-shore trench on east side of the Bay.*
- *Durham.*
 - *LS Cable pulled cable into vault at Getchell property/west side of bay.*
 - *JCR continues to build access roads.*
 - *MJ Drilling drilled and poured foundations for Strs. 8 and 9.*
 - *Macworth Environmental installed custom turbidity curtain for cable diver burial activities at Getchell property/west side of the Bay.*

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.

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:
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:

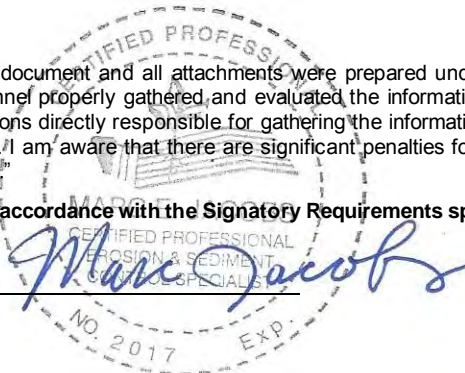
-None other than the above comments.

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: _____



Date: _____ 11/14/19

PHOTOGRAPHS



Fig 1: Cable trench on the Getchell property/west side of the Bay. Viewing east. (11-08-19).



Fig 2: Sediment controls installed in cable trench at Getchell property/ West side of the Bay. Viewing east. (11-08-19).



Fig 3: Str. 28 restored work pad. Viewing southeast. (11-08-19).



Fig 4: Wetland NW16 at Frink farm, needs additional straw cover. Viewing east. (11-08-19).

PHOTOGRAPHS



Fig 5: Turbidity curtains installed at the Getchell property/west side of the bay. (11-12-19).



Fig 6: Wetland NW22 restored, needs straw cover. Viewing east. (11-12-19)



Fig 7: Str. 106 and Knights Brook tributary area at Frink farm. Viewing east. (11-12-19).



Fig 8: Trenching under Nimble Hill Road. Viewing west. (11-12-19).

PHOTOGRAPHS



Fig 9: Filter sock installed on access road off of Route 4. Viewing east. DW 204. (11-12-19).



Fig 10: Filter sock installed on access road off of Route 4. Viewing east. DW 202. (11-12-19).



Fig 11: Turbidity curtains installed at Getchell property/west side of the Bay. Viewing east. (11-13-19).



Fig 12: Restoring trench in agricultural zone at Frink farm. Viewing west. (11-13-19).

PHOTOGRAPHS



Fig 13: Pulling cable into the vault at Gundalow landing/east side of the Bay. Viewing east. (11-13-19).

PROJECT TEAM

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