



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: **01/16/20** 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: 01-12-20	Amount (inches): 0.25 in
	Start date: 01-15-20	Amount (inches): 0.06 in
	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 and 50's.**

Weather conditions (time of inspection & future outlook): **Cloudy, temperature in the 40's.
Future forecast shows a chance of snow over the weekend 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.

Work completed this week:

- *Portsmouth*
 - *Boulos continues to do work at substation.*
 - *JCR installed Strs. 143 and 144.*
- *Newington*
 - *GZA continues to manage soils excavated during construction activities.*
 - *JCR installed Strs. 101 – 106.*
 - *Durocher finished installing concrete mattresses at Gundalow landing.*
 - *Blu Roc finished removing timber mats and winter stabilization at Gundalow landing.*
- *Durham.*
 - *JCR continues to build access roads from Strs. 58-60.*
 - *JCR began building access roads from Strs. 73-61.*
 - *JCR set cans for Strs. 60 and 73.*
 - *MJ finished drilling foundation for Str. 85.*
 - *MJ drilled and poured foundation for Str. 48.*
 - *MJ began drilling foundation for Str. 58.*

Erosion and sediment control items and observations:

- **BMPs**
 - All required BMPs need to be installed as access roads are being built, before construction starts.

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: N/A

Areas that have been restored and mulched, but have little germination: Both sides of Little Bay. Trench between Strs. 106-107 (Frink farm-Hannah Lane). Strs. 28 & 29.

Moderate germination: Strs. 135 – 139.

Stabilized (85%+ germination): Field house at UNH, Colovos Rd at UNH, College Brook.

OTHER COMMENTS AND OBSERVATIONS:

-None other than the above comments.

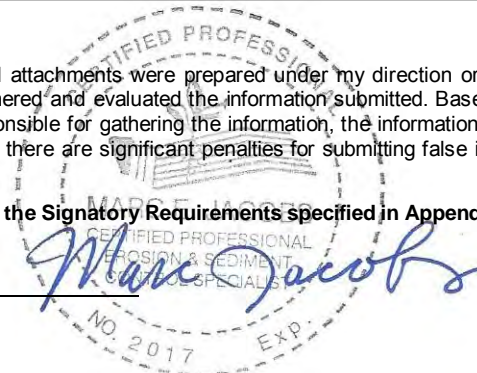
CERTIFICATION:

"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: _____ 01/16/20



PHOTOGRAPHS



Fig 1: MJ drilling Str. 48. Viewing west. (01-09-20).



Fig 2: Removing timber mats from Gundalow landing/east side of the Bay. Viewing south. (01-10-20).



Fig 3: Removing timber mats from Gundalow landing/east side of the Bay. (01-10-20).



Fig 4: Restoring and shaping slope and banks at Gundalow landing/east side of the Bay. Viewing west. (01-10-20).

PHOTOGRAPHS



Fig 5: Crew set foundation cans and restored area around Str. 59. Viewing east. (01-10-20).



Fig 6: Work pad for Str. 3162-18 in wetland DW100. Viewing east. (01-10-20).



Fig 7: Crew building work pad for Str. 102. Viewing south. (01-11-20).



Fig 8: Str. 103. Viewing east. (01-11-20).

PHOTOGRAPHS



Fig 9: Str. 104. Viewing east. (01-11-20).



Fig 10: Access road to Str. 105. Viewing east. (01-11-20).



Fig 11: Crew installing BMPs on slope to vault at Gundalow landing/ east side of the Bay. Prepping for weekend rain. Viewing east. (01-11-20).



Fig 12: Crew installing BMPs on slope to vault at Gundalow landing/ east side of the Bay. Prepping for weekend rain. Viewing west. (01-11-20).

PHOTOGRAPHS



Fig 13: Finished winter stabilization and required BMPs at Gundalow landing/ east side of the Bay. Viewing east. (01-13-20).



Fig 14: Finished winter stabilization and required BMPs at Gundalow Landing/east side of the Bay. Viewing west. (01-13-20).



Fig 15: Foundation poles for Str. 143. Viewing west. (01-13-20).



Fig 16: Foundation poles for Str. 144. Viewing west. (01-13-20).

PHOTOGRAPHS



Fig 17: Soil pile removed from Str. 85 work pad. Viewing south. (01-13-20).



Fig 18: Poured foundation for Str. 85. Viewing south. (01-13-20).



Fig 19: Str. 28 and surrounding area. Viewing north. (01-13-20).



Fig 20: Crew excavating foundations for Str. 60. Viewing east. (01-13-20).

PHOTOGRAPHS



Fig 21: Crew setting foundation can for Str. 102. Viewing south. (01-14-20).



Fig 22: Removing mats on access road leading to Str. 10, of off route 4. Viewing east. (01-14-20).



Fig 23: Straw spread over access road leading to Str. 10, off of Route 4. Viewing east. (01-14-20).



Fig 24: Strs 11 and 12. Viewing south. (01-14-20).

PHOTOGRAPHS



Fig 25: Strs. 10 and 9. Viewing north. (01-14-20).



Fig 26: BMPs at Getchell property/west side of the Bay. Viewing south. (01-15-20).



Fig 27: MJ drilling foundations for Str. 58. Viewing southwest. (01-15-20).



Fig 28: Foundation can set for Str. 73. Viewing east. (01-15-20).

PROJECT TEAM

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