



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: **1/09/19** 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: 01-04-20	Amount (inches): 0.18 in
	Start date: 01-08-20	Amount (inches): 0.05 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 20's-40's.**

Weather conditions (time of inspection & future outlook): **Cold, clear conditions. Future forecast shows rain showers over the weekend with temperatures in the 40's and 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

- 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. 141 and 142.*
- *Newington*
 - *GZA continues to manage soils excavated during drilling activities.*
 - *JCR installed Strs. 101 and 103.*
 - *Durocher continues to install concrete mattresses at Gundalow landing.*
 - *New River completed electrical work at Gundalow landing manhole.*
- *Durham.*
 - *JCR continues to build access roads from Strs. 46-58.*
 - *JCR set cans for Strs. 53-57.*
 - *MJ Drilling finished drilling foundation for Str. 85.*
 - *MJ began drilling foundation for Str. 48.*

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: _____

MARC JACOB
CERTIFIED PROFESSIONAL
EROSION & SEDIMENT
CONTROL SPECIALIST
NO. 2017 EXP. 2019

Date: _____ 01/09/20

PHOTOGRAPHS



Fig 1: Silt fence installed on slope at Getchell property/west side of the Bay. Viewing north. (01-02-20).



Fig 2: BMPs and concrete mattresses at Getchell property/west side of the Bay. Viewing north. (01-02-20).



Fig 3: Crew hammering ledge for foundation at Str. 56. Viewing south. (01-02-20).



Fig 4: BMPs and turbidity curtain at Gundalow landing/east side of the Bay. Viewing south. (01-02-20).

PHOTOGRAPHS



Fig 5: Crew installing filter sock along access through wetland DW31. Viewing west. (01-02-20).



Fig 6: Crew finished installing BMPs on access through wetland DW31 and prepped the site to begin excavation for Str. 57 foundation. Viewing west. (01-02-20).



Fig 7: BMPs at Gundalow landing/east side of the Bay. Viewing south. (01-02-20).



Fig 8: BMPs installed along access road through wetland DW56. Viewing north (01-06-20).

PHOTOGRAPHS



Fig 9: BMPs installed and straw broadcast on access road between Strs. 47-46. Viewing west. (01-06-20).



Fig 10: BMPs installed along access road between Strs. 47-46. Viewing north. (01-06-20).



Fig 11: Filter sock installed on timber-bridge over stream NS8, between Strs. 102 and 103. Viewing northeast. (01-06-20).



Fig 12: Filter sock installed along access road through wetland NW 10. Viewing northwest (01-06-20).

PHOTOGRAPHS

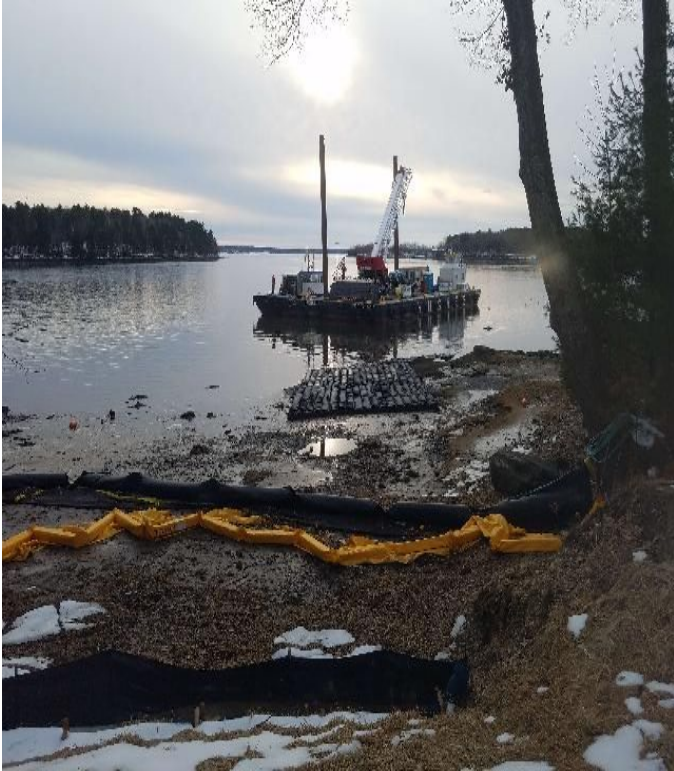


Fig 13: Installing concrete mattresses at Gundalow landing/east side of the Bay. Viewing west. (01-07-20).



Fig 14: Crew setting foundation cans for Str. 57. Viewing northeast. (01-07-20).



Fig 15: Crew installing perimeter sediment controls for soil spoils from Str.48. Designated turtle nesting area. Viewing east. (01-07-20).



Fig 16: Dewater basin and frac tank for Str. 48 dewatering. Viewing southwest. (01-07-20).

PHOTOGRAPHS



Fig 17: Crew finished installing straw bales around perimeter of turtle nesting area. Viewing southwest. (1-08-20).



Fig 18: Soil from drilling Str. 48 foundations being used to build turtle nesting area. Viewing south. (1-08-20).



Fig 19: Crew spreading soils to build up designated turtle nesting area. Viewing south. (01-08-20).



Fig 20: Drilling foundations for Str. 48. Viewing west. (01-08-20).

PHOTOGRAPHS



Fig 21: Crew building timber bridge over wetland DW29, off of route 108. Viewing west. (01-08-20).



Fig 22: Str. 101 pole constructed. Viewing south. (01-08-20).



Fig 23: Crew standing pole for Str. 142. Viewing east. (01-08-20).

PROJECT TEAM

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