



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: **04/22/20** 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: 04-13-20	Amount (inches): 0.80 in
	Start date: 04-21-20	Amount (inches): 0.17 in
	Start date:	Amount (inches):

NOTE:
* Report for the 4-13-20 rain event was submitted on 4-13-20. Photos for that inspection/day are included in the report.

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): **Sporadic showers. Temperatures in the 50's.**

Weather conditions (time of inspection & future outlook): **Partly cloudy, temperature in the 50's. Future forecast shows sporadic rain throughout the weekend and through next week. Temperatures 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

- Continued BMP maintenance and upkeep is a constant priority on shorelines of both sides of the Bay during the spring months until vegetation has established to stabilize the sites.
- Housekeeping such as sweeping of timber mats and roads is a must.
- All contractors on site should have a copy of the construction drawings.
- During mat removal be sure to remove any remains of silt socks etc.
- Timber mats are being cleaned and maintained at the end of each day in work locations.

Work completed this week:

- *Portsmouth*
 - *None*
- *Madbury*
 - *Boulos continues to do work at substation.*
- *Newington*
 - *GZA continues to manage soils excavated during construction activities.*
 - *JCR continues to remove timber mats from access road from Strs. 116-130.*
- *Durham.*
 - *JCR continues building access road from Str. 47-35.*
 - *JCR began excavating foundation for Str. 83.*
 - *JCR set foundation cans for Strs. 82, 84-90.*
 - *JCR set structures 78-81 & 86-87.*

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

List of corrective action items identified in the storm water report that was distributed on 04-13-20.

- Crew addressed corrective action item between Strs 51-52. See photo 29 below.
- Crew addressed corrective action item between Strs 53-54. See photo 30 below.

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

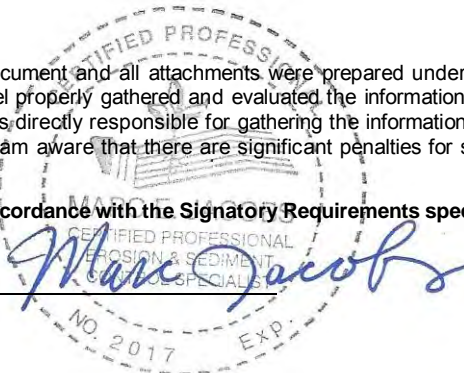
OTHER COMMENTS AND OBSERVATIONS:
-None other than the above comments.

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: _____ 04/23/20

PHOTOGRAPHS



Fig 1: Removing timber mats from access road around Str. 116. Viewing northwest. (04-16-20).



Fig 2: Access to Str. 28. Viewing north. (04-16-20).

PHOTOGRAPHS



Fig 3: Excavating foundation for Str. 82. BMPs installed between work site and wetland DW38. Viewing east. (04-16-20).



Fig 4: Installing timber mats for access road to Str. 35, through wetland DW41. Viewing north. (04-17-20).

PHOTOGRAPHS



Fig 5: Installing timber mats for access to Str. 35, through wetland DW41. Viewing north. (04-17-20).



Fig 6: Removing timber mats used for access road to Strs. 117-118 in wetland NW9. Viewing southeast. (04-17-20).

PHOTOGRAPHS



Fig 7: BMPs on slope at Gundalow landing. Viewing south. (04-17-20).



Fig 8: Str. 82 foundation can set (under timbermat – typical). Viewing west. (04-17-20).

PHOTOGRAPHS



Fig 9: Str. 81 foundation can set. Viewing south. (04-17-20).



Fig 10: Excavating foundation for Str. 84. Viewing west. (04-17-20).

PHOTOGRAPHS



Fig 11: Hammering ledge for foundation at Str. 86. Viewing south. (04-17-20).



Fig 12: Standing Str. 77. Viewing east. (04-18-20).

PHOTOGRAPHS



Fig 13: Str. 80 work area. Foundation can not set yet. Viewing southwest. (04-18-20).



Fig 14: Continuing to remove timber mats around Strs 117-118 in wetland NW9. Viewing southeast. (04-18-20).

PHOTOGRAPHS



Fig 15: Str. 116 work area after timber mats have been removed. Viewing west. (04-20-20).



Fig 16: Str. 86 foundation can set. Viewing south. (04-20-20).

PHOTOGRAPHS



Fig 17: Excavating foundation for Str. 88. Viewing northwest. (04-20-20).



Fig 18: Excavating foundation for Str. 89. Viewing north. (04-20-20).

PHOTOGRAPHS



Fig 19: Setting up pump to dewater groundwater in Str. 89 foundation hole. Viewing north. (04-20-20).



Fig 20: Filter bag and downslope BMPs installed for dewatering groundwater from Str. 89 foundation hole. Viewing northwest. (04-20-20).

PHOTOGRAPHS



Fig 21: Foundation can set for Str. 88. Viewing west. (04-21-20).



Fig 22: Excavating foundation for Str. 90. Viewing north. (04-21-20).

PHOTOGRAPHS



Fig 23: Pumping groundwater from Str. 89 foundation hole. Viewing north. (04-21-20).



Fig 24: Setting foundation can for Str. 89. Viewing south. (04-21-20).

PHOTOGRAPHS



Fig 25: Foundation can set for Str. 89. Viewing south. (04-21-20).



Fig 26: Timber mats removed from Str. 130. Viewing southeast. (04-21-20).

PHOTOGRAPHS



Fig 27: Str. 89 work area. Viewing southeast. (04-22-20).



Fig 28: Excavating foundation for Str. 83. Viewing northeast. (04-22-20).

PHOTOGRAPHS



Fig 29: Stone installed on eastern slope of access road between Strs. 51 and 52. Viewing northeast. (04-22-20).



Fig 30: Crews cleaned timber matted access road between Strs. 54 and 55. Viewing northeast. (04-22-20).

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