



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: **04/29/20** 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: 04-27-20	Amount (inches): 0.77 in
	Start date:	Amount (inches):
	Start date:	Amount (inches):

NOTE:
* Report for the 4-27-20 rain event was submitted on 4-28-20. 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 rain showers Friday then clear throughout the weekend and chances of light showers next week. Temperatures in the 50's-60'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*
 - *No active construction during inspection.*
- *Madbury*
 - *Boulos continue to work at substation.*
- *Newington*
 - *Blu Roc installed timber mat access road and began burial of concrete blocks at Gundalow landing/east side of the Bay to protect submarine cables.*
- *Durham.*
 - *JCR continued to dig and set foundation cans from Str. 33-44.*
 - *JCR set foundation cans for Strs. 33, 36, 37, 38, 39, 41, 43.*
 - *JCR pumped water out of Str. 89 foundation hole.*
 - *JCR raised Strs. 86-89.*

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. 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: _____

Marc E. Jacobs
CERTIFIED PROFESSIONAL
EROSION & SEDIMENT
CONTROL SPECIALIST
NO. 2017 EXP. 2020

Date: _____ 04/30/20

PHOTOGRAPHS



Fig 1: Access road to Str. 35, through wetland DW41. Viewing north. (04-23-20).



Fig 2: Str. 127 pole set and work area. Viewing south. (04-23-20).

PHOTOGRAPHS



Fig 3: Str. 128 pole set and timber mats removed in wetland NW1. Viewing south (04-23-20).



Fig 4: Excavating foundation for Str. 38. Viewing east. (04-24-20).

PHOTOGRAPHS



Fig 5: Foundation can set for Str. 38. Viewing northeast. (04-24-20).



Fig 6: Timber mat bridge over stream DS60 in wetland DW58. Between Strs. 43-44. Viewing southeast. (04-24-20).

PHOTOGRAPHS



Fig 7: Crew installed timber mats for wire pull pad at Getchell property/west side of the Bay. Viewing west. (04-24-20).



Fig 8: Str. 83 foundation can set and work area. Viewing west. (04-25-20).

PHOTOGRAPHS



Fig 9: Crew raising Str. 89 pole. Viewing southeast. (04-25-20).



Fig 10: Foundation can set for Str. 41 and work area. Viewing west. (04-24-20).

PHOTOGRAPHS



Fig 11: Excavating Str. 35 using hard can and auger. Viewing north. (04-25-20).



Fig 12: Excavating Str. 35 using hard can and auger. Viewing west. (04-25-20).

PHOTOGRAPHS



Fig 13: Hammering ledge for foundation at Str. 33. Viewing north. (04-25-20).



Fig 14: Blu Roc installed timber mat road to access the intertidal zone at Gundalow landing/east side of the Bay. Viewing west. (04-28-20).

PHOTOGRAPHS



Fig 15: Blu Roc installing timber mat access road to access the intertidal zone at Gundalow landing/east side of the Bay. Viewing west. (04-28-20).



Fig 16: Pumping groundwater out of Str.89 foundation hole. Viewing south. (04-28-20).

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Fig 17: Str. 39 foundation can set. Viewing east. (04-28-20).



Fig 18: Setting foundation can for Str. 41. Viewing south. (04-28-20).

PHOTOGRAPHS



Fig 19: Excavating foundation for Str. 34. Viewing east. (04-29-20).



Fig 20: Str. 41 foundation can set. Viewing north. (04-29-20).

PHOTOGRAPHS



Fig 21: Str. 43 foundation can set. Viewing south. (04-29-20).



Fig 22: Blu Roc excavating tidal flat to bury concrete blocks over cables at Gundalow landing/east side of the Bay. Viewing southeast. (04-29-20).

PHOTOGRAPHS



Fig 23: Blu Roc installing concrete blocks for submarine cable protection at Gundalow landing/east side of the Bay. Viewing southeast. (04-29-20).



Fig 24: Blu Roc burying concrete blocks in tidal flat for cable protection at Gundalow landing/east side of the Bay. Viewing southeast. (04-29-20).

PHOTOGRAPHS



Fig 25: Concrete blocks installed in tidal flat and backfilled with native material at Gundalow landing/east side of the Bay. Viewing southeast. (04-21-20)



Fig 26: BMPs installed in intertidal zone at end of day at Gundalow landing/east side of the Bay. Viewing southeast. (04-29-20).

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