



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: **08/15/19** Time: **12:00pm** 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: 8-13-19	Amount (inches): 0.40in
	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): **Mostly clear with a small rain event (8-13-19),
Temperatures ranging in the 80's.**

Weather conditions (time of inspection & future outlook): **Future forecast is mostly clear with
the possibility of scattered showers over the weekend. Temperatures ranging in the 70's
and 80'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

- Normandeau continues to conduct wildlife sweeps prior to timber matting installation. Afterwards it is the contractor's responsibility to conduct wildlife sweeps prior to daily activities in those areas.

Work completed this week:

- *Portsmouth*
 1. *Boulos continues to do work at substation.*
- *Newington*
 - *JCR continues to work on access road to Str. 102, near Flynn Pit.*
- *Durham*
 - *McCourt installed pipe across the road to Gregg Hall.*
 - *McCourt began repairing parking lots where they trenched through.*
 - *McCourt installed duct bank for bend up to Str. 23.*
 - *GZA continues to manage soil stockpile area in "A" lot and Waterworks Rd laydown area.*
 - *MJ finished drilling foundations for Str. F107-24 & 32.*
 - *JCR continues site prep at the Shattuck Road laydown area.*
 - *JCR constructed Str. 22.*
 - *Supreme continues to clear ROW.*
 - *Gratan continues to assemble metal guide rails at the cable house.*

Erosion and sediment control items and observations:

- Environmental liner in College Brook has been toed in. See photo 12 below.
- **BMPs**
 1. Minor repairs need to be made to the silt fence around Flynn Pit.
 2. Slopes of rain garden need repairs. Slope erosion due to rain event. See photo 9 & 11 below.

Corrective Action

- Waterworks Rd laydown area has been corrected. (Items 1 & 2 in Report 19.) See photo 8 below.
- Newly constructed dewatering apparatus has been repaired. (Item 4 in Report 19.) See photo 4 & 7 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: UNH
Pond location: N/A
Adjacent surface water or wetland:

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: Structures. F107-134, 135 and 137, Colovos Rd, College Brook have germination.

Storm Water Conveyance, 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: _____ 8/15/19

PHOTOGRAPHS



Fig 1: Maintaining blankets around cable house. Viewing south. (8-09-19).



Fig 2: Trenching towards Str. 23. Viewing north. (8.09-19).



Fig 3: Drilling Str. 24. Viewing southeast. (8-09-19)



Fig 4 Geotextile fabric installed in dewatering apparatus at Str 23. Viewing south. (8-10-19).

PHOTOGRAPHS



Fig 5: Trenching towards Str. 23. Viewing south. (8-10-19).



Fig 6: Began excavation for Str. 26. Viewing north. (8-10-19).



Fig 7: Geotextile filter fabric installed in dewatering apparatus. Viewing north. (8-12-19).



Fig 8: Perimeter and silt fence repairs made in Waterworks Rd laydown yard. Viewing west. (8-12-19).

PHOTOGRAPHS



Fig 9: Erosion rills observed on slopes of the rain garden. Viewing north. Viewing south. (8-12-19).



Fig 10: Support beam for duct bank and trenching activities. Viewing north. (8-12-19).



Fig 11: Erosion rills observed on slopes of the rain garden cont. Viewing north. (8-13-19).



Fig 12: Repairs made to jute liner / blanket in College Brook. Viewing west. (8-13-19).

PHOTOGRAPHS



Fig 13: Gratan continues to assemble braces for the cable house. Viewing west. (8-13-19).



Fig 14: Progress of the Shattuck Road laydown area. Viewing west. (8-13-19).



Fig 15: Progress of the Shattuck Road laydown area. Viewing west. (8-13-19).



Fig 16: Str. 22 assembled in (A) Lot. Viewing east. (8-14-19).

PHOTOGRAPHS



Fig 17: Str. 24 foundation. Viewing south. (8-14-19).



Fig 18: Excavating for Str. 25. Viewing north. (8-14-19).



Fig 19: Prepping to drill Str. 30. Viewing south. (8-14-19).



Fig 20: Siltation controls installed between Str. 28 work pad and wetland DW49. Viewing north. (8-14-19).

PROJECT TEAM

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