



CONSTRUCTION MONITORING REPORT

Eversource Transmission Lines:
F107

TYPE OF INSPECTION: Weekly Storm Event Incident Corrective Action

Date: **07/14/19** Time: **7:00am** 'Does this inspection 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: 07/12/19	Amount (inches): 0.42in
	Start date: 07/13/19	Amount (inches): 0.99in
	Start date:	Amount (inches):
	Start date:	Amount (inches):

NOTE:

**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

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): **Scattered clouds and thunderstorms over the weekend (7-12-19 & 7-13-19), temperatures ranging from the high 70's to the high 80's.**

Weather conditions (time of inspection & future outlook): **Clear with temperatures in the mid-60s. Future forecast is mostly clear with scattered clouds and possible rain. 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

- None

Work completed this week:

- *Portsmouth*
 - *Boulos continues to do work at substation.*
- *Newington*
 - *None*
- *Durham*
 - *McCourt continues to fusing pipe next to the field house at UNH.*
 - *Soil is stockpiled in the Waterworks Rd laydown area.*
 - *McCourt continues to fuse pipe and assemble duct bank along Colovos Rd.*
 - *McCourt continues to excavate receiving pit.*
 - *McCourt established the approved stream diversion system and began trenching through College Brook.*
 - *GZA continues to manage soil stockpile area in "A" lot and Waterworks Rd laydown area.*
 - *Soil continues to be hauled out of Waterworks Rd laydown area.*
 - *MJ began to begin drilling at Str. F107-22.*
 - *Supreme continues to clear ROW.*

Erosion and sediment control items and observations:

- The combined berm installed around the Gosling Rd laydown yard needs repaired. There is a section that is being undercut by runoff, see photo 4 below.
- Silt fence installed in the Waterworks laydown yard needs repaired. There is a section that needs to be re-keyed into the ground, there is signs of sediment loss where the BMP was undercut. See photo 7 below.
- **BMPs**
 - McCourt set up College Brook coffer dam and bypass pumps. The frac tank and pumps are working properly, there was no sediment discharge into College Brook observed.
 - McCourt built a larger dewatering apparatus with new hay bales, filter fabric and filter bag. See photo 2 below.
 - The trench going through College Brook is moderately full of rain water. McCourt will need to pump the water out to access their trench Monday morning. The crew will dewater the trench water into the dewatering apparatus installed north of College Brook and not into the frac tank.

Corrective Action

- None other than above maintenance.

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:
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 (See erosion control installation/repair items above)

Are any corrective actions required? YES NO if so, please describe? See above comments.

** 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 (PESC)

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 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: _____

MARC E. JACOBS
CERTIFIED PROFESSIONAL
EROSION & SEDIMENT
CONTROL SPECIALIST
NO. 2017 Exp. 7/14/19

Date: _____ 7/14/19

PHOTOGRAPHS



Fig 1: Filter sock installed next to drilling activities in "A" lot. Viewing north. (7-12-19).



Fig 2: McCourt built a larger dewatering apparatus with new filters. Viewing north. (7-12-19).



Fig 3: Combined berm installed in the laydown yard off of Gosling Rd. Viewing east. (7-14-19).



Fig 4: Portion of the combined berm that needs repaired in the laydown Area off of Gosling Rd. Viewing south. (7-14-19).

PHOTOGRAPHS



Fig 5: Straw bales installed between Str. 138 and wetland NW37. Viewing north. (7-14-19).



Fig 6: Silt fence installed on the north side of Waterworks Rd laydown area. (7-14-19).



Fig 7: Area in silt fence installed in the Waterworks Rd laydown area that needs re-keyed into the ground. Viewing east. (7-14-19).



Fig 8: Trenching activities through College Brook. Viewing west. (7-14-19).

PHOTOGRAPHS



Fig 9: College Brook, downstream of the trenching activities. Observed no sediment discharging into College Brook. Viewing east. (7-14-19).

PROJECT TEAM

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