



CONSTRUCTION MONITORING REPORT

Eversource Transmission Lines:
F107

TYPE OF INSPECTION: Weekly Storm Event Incident Corrective Action

Date: **10/03/19** 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: 10-01-19	Amount (inches): 0.09in
	Start date: 10-02-19	Amount (inches): 0.13in
	Start date:	Amount (inches):

NOTE:
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**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): **Mostly clear with temperatures ranging in the 60's and 70's.**

Weather conditions (time of inspection & future outlook): **Rain with temperatures in the 70's. Future forecast show scattered showers with clear weather over the weekend and rain again early next week. Temperatures ranging in the 60's and 70'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

- Housekeeping, keeping the construction sites/work pads clean is a must! Picking up trash such as cigarette butts, welding rods, etc. This also included keeping the timber mats clean, the timber mats need to be swept weekly.
- Contractors are responsible for conducting wildlife sweeps at the beginning of each day.

Work completed this week:

- *Portsmouth*
 1. *Boulos continues to do work at substation.*
- *Newington*
 - *JCR continues site prep at the Shattuck Road laydown area.*
 - *GZA continues to manage soils excavated during trenching and drilling activities.*
 - *McCourt continues to excavate along Gundalow Landing.*
 - *McCourt began trenching at Str 107.*
 - *McCourt began trenching at Str. 106.*
 - *LS Cable began removing existing cable in the Bay.*
 - *MJ began to drill Str. 116.*
 - *LS Cable installed silt curtain in the Bay.*
 - *McCourt installed stream bypass at Knights Brook.*
- *Durham*
 - *Blu Rock hammered ledge in marsh on the west side of the Bay during low tide.*
 - *Blu Rock spread 6-8in of sand in trench on the west side of the Bay.*
 - *Supreme continues to clear ROW.*
 - *LS Cable began removing existing cable in the Bay.*
 - *MJ poured the foundation to Str. 31.*
 - *LS Cable installed silt curtain in the Bay.*

Erosion and sediment control items and observations:

- **BMPs**
 - N/A

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:

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:

Sparse germination:
Dense germination: Strs. 135, 136, 137, College Brook
Stabilized (85%+ germination): Field house at UNH, Colovos Rd at UNH

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: _____ 10/03/19

PHOTOGRAPHS



Fig 1: Placing timber matting on Frink farm, prepping for trenching activities. Viewing west. (9-26-19).



Fig 2: Blu Rock hammering ledge on Durham side of the Bay. Viewing west. (9-27-19).



Fig 3: GZA commencing frac tank set up at the Frink farm. Viewing east. (9-27-19).



Fig 4: McCourt commencing topsoil removal at the Frink farm, starting at Str. 106. Viewing east. (9-27-19).

PHOTOGRAPHS



Fig 5: Str. 131 foundation. Viewing southwest. (9-27-19).



Fig 6: Backfilling trench at Flynn pit. Viewing southwest. (9-27-19).



Fig 7: Maine Drilling and Blasting prepping to blast. Viewing northeast. (9-30-19).

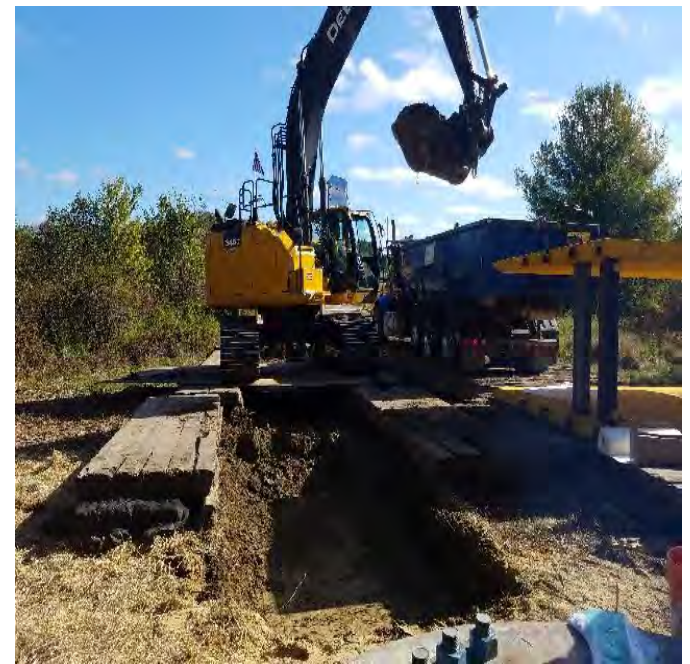


Fig 8: McCourt commencing excavation at Frink farm, starting at Str. 106 Viewing northeast. (9-30-19)

PHOTOGRAPHS



Fig 9: Trenching at Str. 106 at the Frink farm. Viewing northeast. (9-30-19).



Fig 10: McCourt commencing trenching at Str. 107. Viewing southwest. (9-30-19).



Fig 11: Trenching at Str. 107. Viewing southwest. (9-30-19).



Fig 12: Wildlife sweep area within wetland DW17. Viewing west. (10-01-19).

PHOTOGRAPHS



Fig 13: Str. 28 and surrounding sediment controls. Viewing north. (10-01-19).



Fig 14: Maine Drilling and Blasting drilling exploratory borings at the Frink farm. Viewing west. (10-01-19).



Fig 15: Overnight accumulation of groundwater in trench at Str. 106. Viewing west. (10-01-19).



Fig 16: Commencing install of stream diversion at Knights Brook. Viewing west. (10-01-19).

PHOTOGRAPHS



Fig 17: Installing the stream diversion at Knights Brook. Viewing east. (10-01-19).



Fig 18: Stream diversion at Knights Brook. Viewing west. (10-01-19).



Fig 19: Excavating around exposed underground cables and pipes. Beswick property. Viewing east. (10-01-19).



Fig 20: Trenching at the Beswick property. Viewing west. (10-01-19).

PHOTOGRAPHS



Fig 21: Stripping topsoil through wetland NW18 at the Frink farm. Viewing east. (10-01-19).



Fig 22: Overnight accumulation of groundwater in trench at Str. 106. Viewing west. (10-02-19).



Fig 23: Filter sock installed downslope of wetland NW18. Viewing west. (10-02-19).



Fig 24: Maine Drilling and Blasting blasted bedrock at the Frink farm. Viewing east. (10-02-19).

PHOTOGRAPHS



Fig 25: Continuing to trench from Str. 106. Viewing east. (10-02-19).



Fig 26: Prepping to remove topsoil through Knights Brook. Viewing east. (10-02-19).



Fig 27: 6-8in of sand in trench at the cable house. Viewing east. (10-02-19).



Fig 28: MJ drilling Str. 116. Viewing west. (10-02-19).

PROJECT TEAM

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