



CONSTRUCTION MONITORING REPORT

Eversource Transmission Lines:
F107

TYPE OF INSPECTION: Weekly Storm Event Incident Corrective Action

Date: **08/22/19** 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: 8-18-19	Amount (inches): 0.06in
	Start date: 8-19-19	Amount (inches): 0.07in
	Start date: 8-21-19	Amount (inches): 0.08in

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 a few small rain events (8-18-19, 8-19-19, 8-21-19), Temperatures ranging in the 80's and 90's.**

Weather conditions (time of inspection & future outlook): **Future forecast is mostly clear with the possibility of scattered showers early next week. 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.
- The erosion control BMPs shown on the drawings are minimal requirements. The required erosion controls may vary from site to site.
- Timber matting must be maintained and swept.
- Spare erosion and sediment control materials stored on site shall be covered and protected from the weather.
- Equipment (e.g. trucks, excavator tracks) must be cleaned prior to transportation.
- BMPs will remain installed project wide until 85% of vegetation cover is observed.

Work completed this week:

- *Portsmouth*
 1. *Boulos continues to do work at substation.*
- *Newington*
 - *JCR constructed timber matted access road on Frink Farm.*
- *Durham*
 - *McCourt finished all construction at UNH.*
 - *McCourt finished paving areas around UNH.*
 - *McCourt has graded and hydroseeded all disturbed soils.*
 - *Soil stockpiled in "A" lot and Waterworks Rd laydown area have been hauled off site.*
 - *MJ finished drilling foundations for Str. F107-24 & 32.*
 - *MJ is drilling foundations for Strs. 30, 31 and 28.*
 - *JCR continues site prep at the Shattuck Road laydown area.*
 - *JCR constructed Str. 22, 23, 24, 25, 26, 27*
 - *Supreme continues to clear ROW.*
 - *Gratan continues to assemble metal guide rails at the cable house.*

Erosion and sediment control items and observations:

- **BMPs**
 1. Minor repairs need to be made to the silt fence around Flynn Pit once stumps are removed. Stumps are scheduled to be removed next week.

Corrective Action

- Sediment accumulated in swale north of Waterworks Rd laydown yard needs to be removed. See photo 25.

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

Are any corrective actions required? YES NO if so, please describe? Sediment removal from sale north of Waterworks Rd laydown area.

** 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: 107-134, 135, 137, Colovos Rd, College Brook
Dense germination: Strs. 135, 136, 137
Stabilized (85%+ 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 JACOBS
CERTIFIED PROFESSIONAL
EROSION & SEDIMENT
CONTROL SPECIALIST
NO. 2017 EXP. 2019

Date: _____ 8/23/19

PHOTOGRAPHS



Fig 1: McCourt trenching towards Str. 23. Viewing north. (8-15-19).



Fig 2: Spreading straw on exposed soils around Str. 27. Viewing southwest. (8-15-19).



Fig 3: Underground cable corridor at intersection of Colovos and Waterworks Viewing south. (8-15-19).



Fig 4 JCR installing Strs. 26 and 27. Viewing south. (8-15-19).

PHOTOGRAPHS



Fig 5: College Brook restoration. Viewing south. (8-16-19).



Fig 6: Restoration of receiving pit next to UNH field house. Viewing north. (8-16-19).



Fig 7: Str. 24 work pad with erosion controls. Viewing north. (8-16-19).



Fig 8: Str. 26 installed. Viewing south. (8-16-19).

PHOTOGRAPHS



Fig 9: Test pit locations at the cable house. Viewing east. (8-16-19).



Fig 10: Cable house progress. Viewing south. (8-16-19).

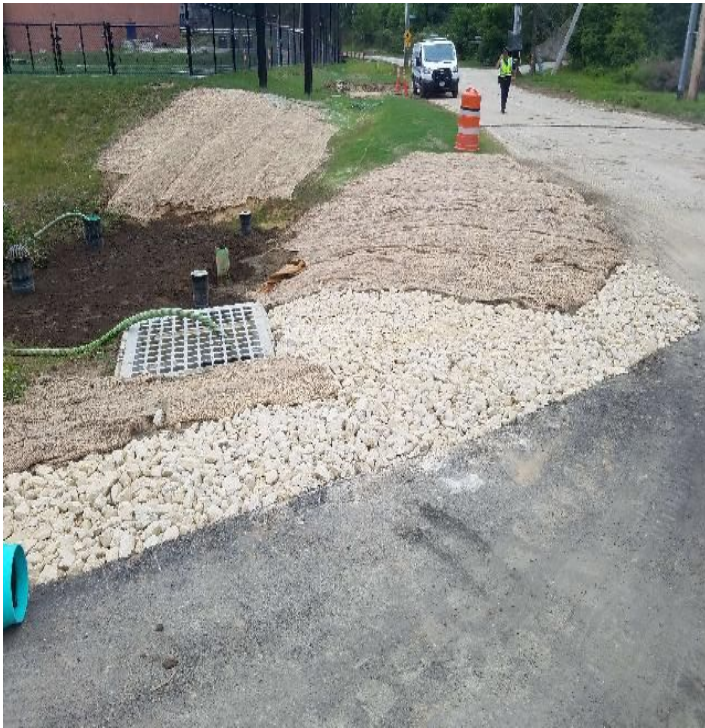


Fig 11: Rain garden restoration. Viewing north. (8-17-19)



Fig 12: Restoration along Colovos Road and the road to Gregg Hall. Viewing south. (8-17-19).

PHOTOGRAPHS



Fig 13: JCR beginning to construct Str. 23. Viewing south. (8-19-19).



Fig 14: Rain garden restoration and hydroseed. Viewing north. (8-19-19).



Fig 15: College Brook restoration with hydroseed on the slopes. Viewing west. (8-19-19).

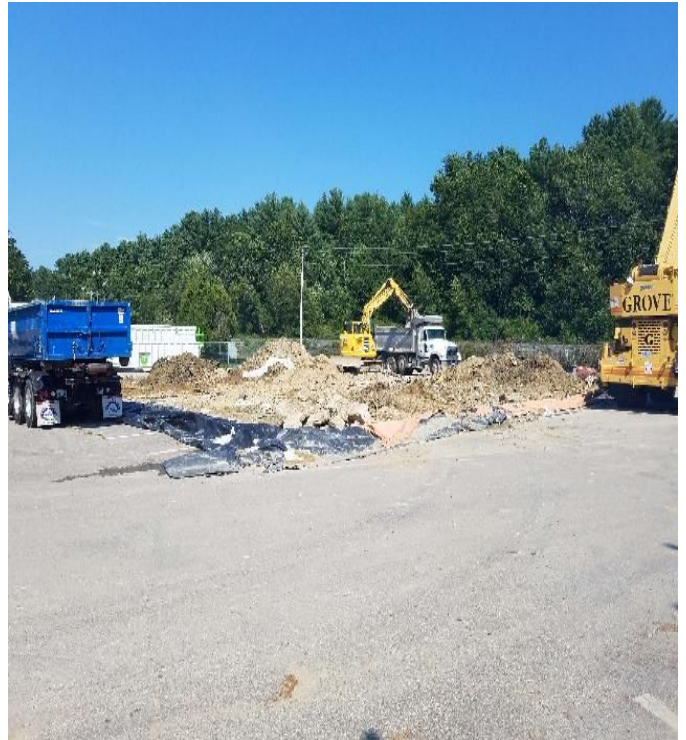


Fig 16: Soil stockpile area in "A" lot being removed. Viewing northeast (8-19-19).

PHOTOGRAPHS



Fig 17: Shattuck road laydown area progress. Viewing north. (8-19-19).



Fig 18: Prepping to drill Str. 28. Viewing west. (8-20-19).



Fig 19: Erosion controls between Str. 28 and Oyster River. Viewing north. (8-20-19).



Fig 20: Fox Point Rd access. Viewing northeast. (8-21-19).

PHOTOGRAPHS



Fig 21: Elevated timber mat over stone wall WP-45. Viewing north. (8-21-19).



Fig 22: Timber matting installation through Frink Farm. Viewing west from Nimble Hill Road. (8-21-19).



Fig 23: Germination observed on slopes of College Brook. Viewing west. (8-21-19).



Fig 24: Green pedestrian fence installed around Str. 24 work pad. Viewing southeast. (8-21-19).

PHOTOGRAPHS



Fig 25: Sediment deposit in rock swale between Waterworks Rd Laydown area and wetland DW65. Viewing north. (8-21-19).



Fig 26: Soil stockpile area in "A" lot has been removed. Viewing north. (8-21-19).

PROJECT TEAM

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