



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: **08/01/19** 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:	Amount (inches):
	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 (7-31-19), resulting in less than 0.25in of rain. Temperatures ranging from the high 80's to the 90's.**

Weather conditions (time of inspection & future outlook): **Future forecast is mostly clear with some scattered clouds. Temperatures ranging in the 80's and 90'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

- There should no parking on timber matting in wetland areas if there is no active work at that location.
- Normandeau continues to conduct wildlife sweeps prior to timber matting installation.

Work completed this week:

- *Portsmouth*
 - *Boulos continues to do work at substation.*
- *Newington*
 - *JCR began working on access road to Str. 100, near Flynn Pit.*
- *Durham*
 - *McCourt installed pipe bundle in HOBAS pipe under Main St.*
 - *McCourt continues to prep jacking and receiving pit.*
 - *McCourt finished the stream restoration.*
 - *GZA continues to manage soil stockpile area in "A" lot and Waterworks Rd laydown area.*
 - *MJ finished drilling and poured foundation for Str. F107-23.*
 - *MJ began drilling Str. 21.*
 - *Supreme continues to clear ROW.*
 - *Gratan excavated approx. 4ft around the cable house to prep for rail system.*

Erosion and sediment control items and observations:

- None
- **BMPs**
 - Additional erosion controls have been installed at Gundalow Landing (straw bales and filter sock). See photos 15 & 16.
 - Straw bales need to be installed between trench location and wetland DW69 before work can continue in that area.
 - Straw bales should be installed in front of the silt fence in low area in Waterworks Rd laydown yard.
 - Straw wattle are no longer an approved BMP. The use of stump grindings, BioWattle, filter socks, or woven jute matting if necessary are approved replacement BMPs.

Corrective Action

- None, other than the above maintenance.

PHOTOGRAPHS



Fig 1: McCourt excavating through the rain garden. Viewing west. (7-25-19).



Fig 2: Placing manhole structures next to Colovos Rd. Viewing north. (7-25-19).



Fig 3: RTE plant sensitive area and stonewall WP-7 & WP-8 marked with orange ribbon. Viewing north. (7-25-19).



Fig 4: Stonewall WP-11 crossing. Viewing south. (7-25-19).

PHOTOGRAPHS



Fig 5: Timber matted access route through wetland DW56 towards Str. 49. Viewing east. (7-25-19).



Fig 6: MJ drilling Str. 23. Viewing north. (7-26-19).



Fig 7: Restoration around steam pipe next to field house at UNH. house. Viewing north. (7-26-19).

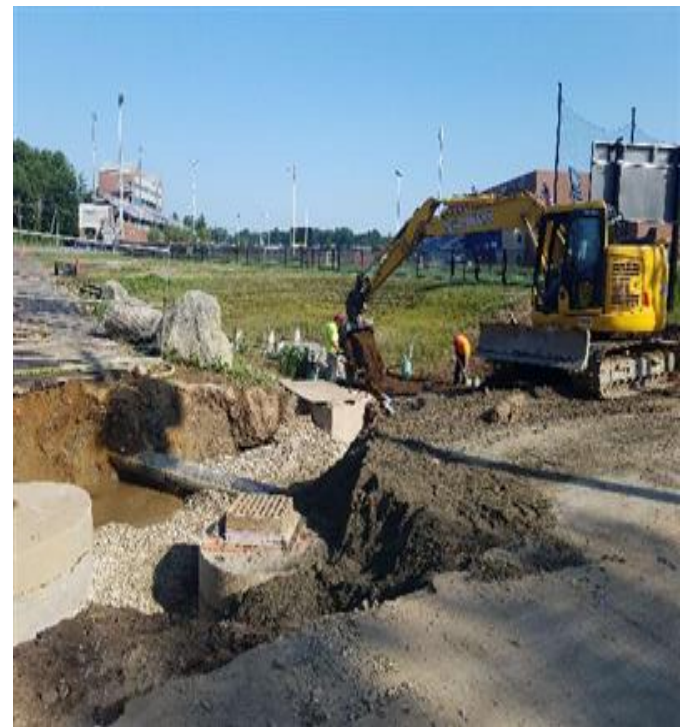


Fig 8: Restoration around the rain garden at UNH. Viewing northwest. (7-26-19).

PHOTOGRAPHS



Fig 9: Combined straw bale and stump grinding berm, south of Oyster River. Viewing north. (7-26-19).



Fig 10: Building new access road to Str. 28. Viewing south. (7-26-19).



Fig 11: Access road to Str. 29, off of Mill road. Viewing north. (7-26-19).



Fig 12: Erosion controls installed around cable house due to excavation. Viewing east. (7-26-19).

PHOTOGRAPHS



Fig 13: Stockpiled soil from cable house excavation. Viewing west. (7-26-19).



Fig 14: 4ft excavation around the cable house with erosion controls. Viewing north. (7-26-19).



Fig 15: Additional erosion controls installed at Gundalow Landing. Viewing southwest. (7-26-19).



Fig 16: Additional erosion controls installed at Gundalow Landing. Viewing southwest. (7-26-19).

PHOTOGRAPHS



Fig 17: Access route between wetlands DW48 and DW50 (stream DS46 is down the slope to the left). Viewing north. (7-29-19).



Fig 18: Installing coconut liner in College Brook. Viewing north. (7-29-19).



Fig 19: Installing coconut liner in College Brook. Viewing south. (7-29-19).



Fig 20: Restoring rain garden at UNH. Viewing northwest. (7-29-19).

PHOTOGRAPHS



Fig 21: Vegetation growth south of steam pipe. Viewing north. (7-29-19).



Fig 22: Vegetation growth along Colovos Rd. Viewing north. (7-29-19).



Fig 23: Prep work at jacking pit. Viewing south. (7-29-19).



Fig 24: Assembling bundle before they install it in the HOBAS pipe. Viewing north. (7-29-19).

PHOTOGRAPHS



Fig 25: Dewatering basin next to Str. 32, lined with filter fabric. Viewing north. (7-29-19).



Fig 26: Combined berm between Str. 100 and wetland NW4. Viewing south. (7-30-19).



Fig 27: Continuing to install coconut liner in College Brook. Viewing south. (7-30-19).



Fig 28: Cable house progress. Viewing south. (7-30-19).

PHOTOGRAPHS



Fig 29: Cable house progress. Viewing south. (7-30-19).

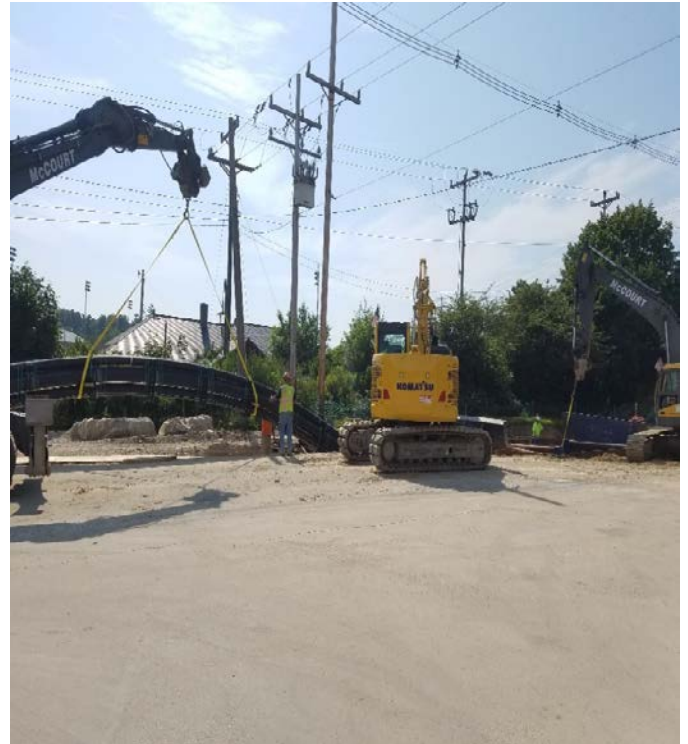


Fig 30: McCourt installing pipe through HOBAS pipe under Main St. Viewing east. (7-31-19).



Fig 31: Restoration next to Colovos Rd where dewatering apparatus was installed. Viewing south. (7-31-19).



Fig 32: JCR installing timber matting and filter fabric around Str. 28, south of Oyster River. Viewing south. (7-31-19).

PHOTOGRAPHS



Fig 33: College Brook, finished restoration. Viewing south. (7-31-19).

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