



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: **09/11/19** 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: 9-10-19	Amount (inches): 0.18in
	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 temperatures ranging in the 70's.**

Weather conditions (time of inspection & future outlook): **Future forecast is mostly clear with the possibility of scattered showers throughout the week. Temperatures ranging in the 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

- MJ was on a compliance stand down 9-5-19 through 9-10-19. The issue was that MJ drilling spread moist soils out on the Pickering property. The issue has been resolved, all soils have been removed and the area covered with straw. Notification letters were sent to SEC and DES. See photos 1, 14 and 15 below.
- The Bay crossing test trial & sampling event occurred on 9-9-19.
- Housekeeping, keeping the construction sites/work pads clean is a must! Pick up trash such as cigarette butts, trash, welding rods, etc. This also includes keeping the timber mats clean, the timber mats need to be swept weekly.

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 began and continues to assemble man hole at Gundalow Landing.*
 - *MJ is drilling Str. 106.*
- *Durham*
 - *MJ is drilling Str. 29.*
 - *Gratan moved the cable house to its temporary location and demobilized.*
 - *Blu Rock continues to trench at the cable house.*
 - *Supreme continues to clear ROW.*

Erosion and sediment control items and observations:

- **BMPs**
 1. Repairs needed to erosion controls installed at Waterworks Rd parking lot, UNH. Silt fence needs to be trenched in.

Corrective Action

- Sediment accumulated in swale northeast of Waterworks Rd laydown yard needs more attention. Some sediment was removed, but additional work is needed to remove the remaining sediment. See photo 17. Coordinate with EM regarding scheduling for this corrective action.

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? Sediment removal from swale north of Waterworks Rd laydown area. As well as repairing silt fence at the same location.

** 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: Colovos Rd, College Brook, cable house
Dense germination: Field house at UNH, Strs. 135, 136, 137
Stabilized (85%+ germination): None

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. JACOB
CERTIFIED PROFESSIONAL
EROSION & SEDIMENT
CONTROL SPECIALIST
NO. 2017 Exp.

Date: _____ 9/11/19

PHOTOGRAPHS

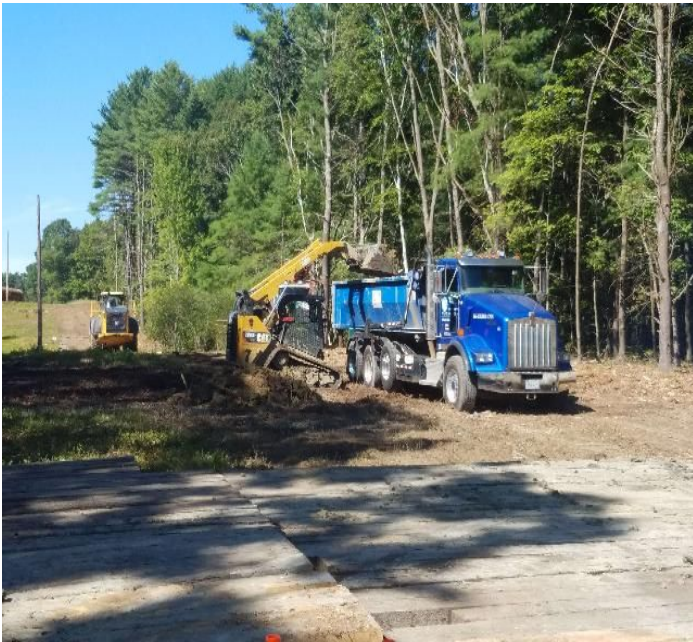


Fig 1: Hauling off soil that was broadcasted on the Pickering Property (9-05-19).



Fig 2: Salt marsh on the east side of the Bay marked out. Viewing southwest. (9-05-19)



Fig 3: Mud slab poured in man hole at Gundalow Landing. Viewing west. (9-05-19).



Fig 4: Pouring duct bank along Gundalow Landing Rd. Viewing west. (9-05-19).

PHOTOGRAPHS



Fig 5: Mud slab poured in man hole at Gundalow Landing. Viewing southwest. (9-6-19).

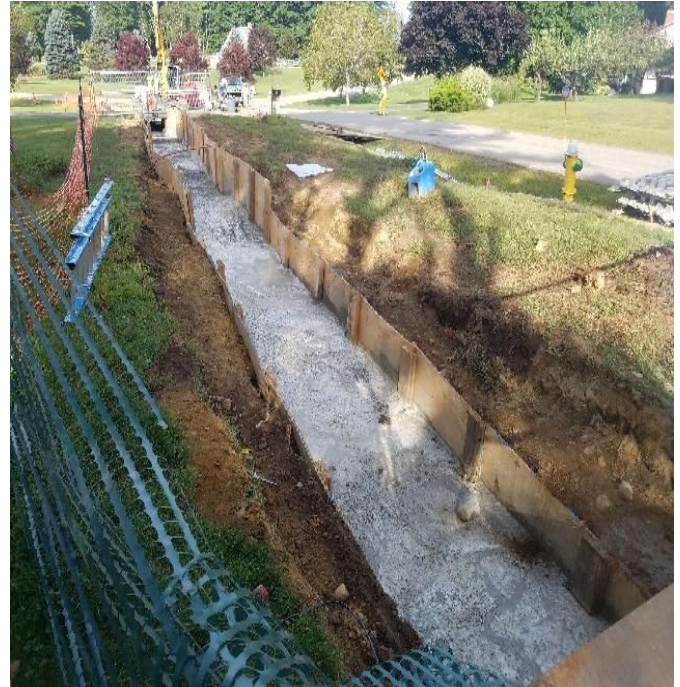


Fig 6: Duct bank poured along Gundalow Landing. Viewing west. (9-6-19).



Fig 7: McCourt trenching from Str. 100 towards Gundalow Landing. Viewing west. (9-6-19).



Fig 8: Blu Roc continues to trench on the west side of the Bay. Viewing east. (9-6-19).

PHOTOGRAPHS



Fig 9: Straw broadcast over soils spread out in the uplands near Str. 100. Viewing southwest. (9-9-19).



Fig 10: Trenching activities continue from Str. 100 to Gundalow Landing. Viewing north. (9-9-19).



Fig 11: Duct bank along Gundalow Landing Rd. Viewing west. (9-9-19). Rd.



Fig 12: Continuing to excavate duct bank along Gundalow Landing Viewing west. (9-9-19).

PHOTOGRAPHS



Fig 13: Assembling manhole at Gundalow. Viewing south. (9-9-19).



Fig 14: Filter sock installed downslope of where the soils were spread out on the Pickering property. Viewing east. (9-10-19).



Fig 15: Straw broadcast over exposed soil area on the Pickering property. Viewing south. (9-10-19).



Fig 16: Assembling manhole at Gundalow Landing. Viewing southeast. (9-10-19).

PHOTOGRAPHS



Fig 17: Erosion and sediment controls installed downslope of manhole at Gundalow Landing. Viewing southwest. (9-10-19).



Fig 18: Prepping to trench across Gundalow Landing Rd. Viewing east. (9-10-19).



Fig 19: Restored trench area at Gundalow Landing hydro seeded. Viewing east. (9-10-19).



Fig 20: Sediment and erosion controls installed downslope of trenching activities on the west side of the Bay. Viewing west. (9-10-19).

PHOTOGRAPHS



Fig 21: Drilling Str. 29. Viewing west. (9-10-19).



Fig 22: Upslope looking down towards Str. 28 and Oyster River. Viewing north. (9-10-19).



Fig 23: Str. 28 foundation. Viewing north. (9-10-19).



Fig 24: Matted access road leading to Str. 106. Viewing southwest. (9-10-19).

PHOTOGRAPHS



Fig 25: Drilling Str. 106 and containerizing soil spoils. Viewing southwest. (9-10-19).



Fig 26: Continuing to assemble manhole at Gundalow Landing. Viewing southeast. (9-10-19).



Fig 27: Trenching towards Str. 100. Viewing southeast. (9-11-19).



Fig 28: Str 100. Viewing south. (9-11-19).

PHOTOGRAPHS



Fig 29: Matting towards Str. 106. Viewing east. (9-11-19).



Fig 30: Drilling at Str. 106. Viewing east. (9-11-19).



Fig 31: Matting across wetland and stream east of Str.106. (9-11-19).



Fig 32: Closer view of drilling at Str. 106. Viewing south. (9-11-19).

PROJECT TEAM

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