



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: **09/05/19** 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 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 weekend. 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

- Spare erosion and sediment control materials stored on site shall be covered and protected from the weather.
- 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.*
 - *JCR continues site prep at the Shattuck Road laydown area*
 - *Supreme continues to clear ROW.*
 - *GZA is managing soils excavated during trenching and drilling activities.*
 - *GZA installed treatment system at Gundalow Landing with discharge hose/PVC running approximately 400ft into the Bay.*
 - *McCourt began trenching for man hole at Gundalow, adjacent to Gundalow Landing Road, and at Str. 100 towards Gundalow.*
- *Durham*
 - *MJ is drilling Str. 29.*
 - *Gratan moved the cable house to its temporary location.*
 - *Blue Rock began trench excavation 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. See photo 18 below.
 2. Straw bale stockpile at Gundalow Landing needs to be covered from the weather.

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
Dense germination: Field house at UNH, 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: _____

Date: _____ 9/05/19

PHOTOGRAPHS



Fig 1: Boat ran over the PVC discharge pipe at Gundalow Landing. Viewing west. (8-30-19).



Fig 2: Trench box for manhole excavation. Viewing southwest. (8-30-19).



Fig 3: Gratan prepping to move the cable house. Viewing northwest. (9-3-19).



Fig 4 Cable house moved to temporary location. Viewing west. (9-3-19).

PHOTOGRAPHS



Fig 5: Cable house moved to temporary location. Viewing northwest. (9-3-19).



Fig 6: Blu Rock beginning trench excavation on the west side of Little Bay. Viewing west. (9-3-19).



Fig 7: Shattuck Rd laydown yard, soil stockpiled in first bay. Viewing southwest. (9-3-19).



Fig 8: Shattuck Rd laydown yard, second basin. Viewing east. (9-3-19).

PHOTOGRAPHS



Fig 9: Upstream at College Brook. Viewing west. (8-24-19).



Fig 10: Pumping water out of manhole and into treatment tank at Gundalow Landing. Viewing south. (9-3-19).



Fig 11: Manhole excavation at Gundalow. Viewing southwest. (9-4-19). east.



Fig 12: Underground cable trench along Gundalow Landing. Viewing east. (9-4-19).

PHOTOGRAPHS



Fig 13: Blu Rock trenching at west side of Little Bay. Viewing east. (9-4-19).



Fig 14: Silt fence installed downslope of Blu Rock excavation. Viewing south. (9-4-19).



Fig 15: MJ drilling Str. 29. Viewing southeast. (9-4-19).

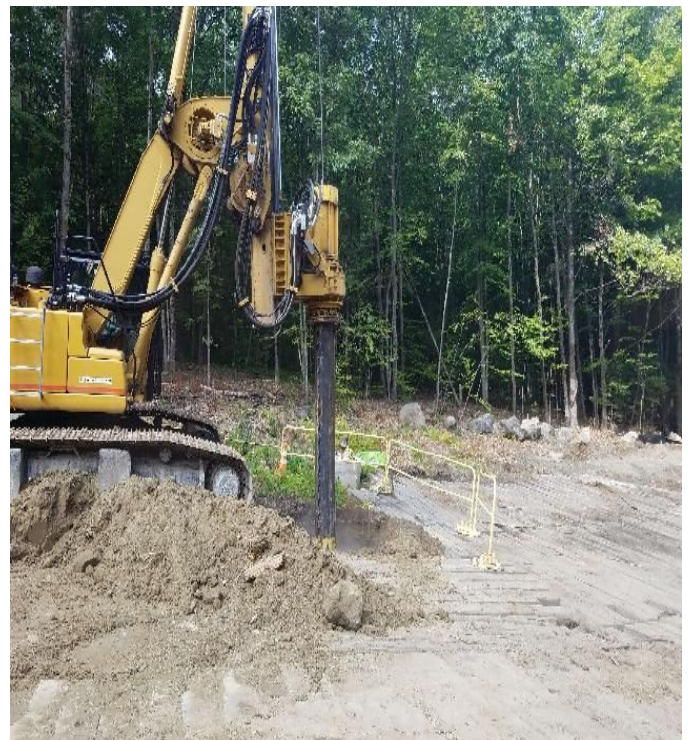


Fig 16: MJ drilling Str. 29. Viewing west. (9-4-19).

PHOTOGRAPHS



Fig 17: Swale northeast of Waterworks Rd lot. Viewing east. (9-4-19).



Fig 18: Erosion controls installed at Waterworks Rd parking lot needs to be repaired.

PROJECT TEAM

Eversource

Attn: Dena Champy-Eversource Project Manager
Phone: 603-634-2891
Email: dena.champy@eversource.com

Attn: Tom Sullivan-Construction Management
Phone: 078-502-3805
Email: thomas.sullivan@eversource.com

Attn: Joseph Sperry-Eversource Senior Engineer
Phone: 603-634-2562
Email: joseph.sperry@eversource.com

Attn: Kurt Nelson-Eversource Permitting
Phone: 603-714-3031
Email: kurt.nelson@eversource.com

Attn: Lauren Cote-Municipal Outreach
Phone: 603-634-2409
Email: lauren.cote@eversource.com

Attn: Sam Eames-Construction Rep
Phone: 603-915-0073
Email: sam.eames@eversource.com

Attn: Thomas Meister-Construction Rep
Phone: 339-987-7901
Email: Thomas.meister@eversource.com

Attn: Joshua Scott-ROW Safety Mgr
Phone: 603-848-7759
Email: Joshua.scott@eversource.com

Contractors

JCR Utility Construction Co., Inc.
Attn: Matt Moreau-Project Manager
Phone: 603-895-4062
Email: matt.moreau@crutility.com

Attn: Dan Jarry-Superintendent
Phone: 603-238-5523
Email: daniel.jarry@crutility.com

McCourt Construction
Attn: Michael Worhunsky-Project Manager
Phone: 617-293-3864
Email: mworhunsky@mccourtconstruction.com

Attn: Scott Gorman-Safety Director
Phone: 617-828-8822
Email: sgorman@mccourtconstruction.com

Attn: Dan Cedrone-Superintendent
Phone: 617-908-2660
Email: dcedrone@mccourtconstruction.com

Supreme Industries
Attn: Jamieson Boucher
Phone: 860-485-4101
Email: dcedrone@mccourtconstruction.com

GZA
Attn: Lucas Turcotte
Phone: 603-380-5017
Email: lucas.turcotte@gza.com

Environmental Consultant

Normandeau Associates, Inc.
Attn: Matt Smith-Environmental Monitor
Phone: 228-224-0098
Email: msmith@normandeau.com

Attn: Brian Emlaw – Environmental Monitor
Phone: 315-250-2525
Email: bemlaw@normandeau.com

Attn: Sean Moriarty-Environmental Monitor
Phone: 603-970-1536
Email: smoriarty@normandeau.com

Attn: Marc Jacobs-CPESC, NHCWS
Phone: 603-534-7645
Email: jaconbs2wetsoil2004@yahoo.com

Attn: Sarah Allen-Principal Wetland Scientist
Phone: 603-714-3085
Email: sallen@normandeau.com