



### 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: **07/18/19** 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: 7-12-19	Amount (inches): 0.49
	Start date: 7-13-19	Amount (inches): 0.99
	Start date:	Amount (inches):

NOTE:  
\* Inspection report for the above rain events was submitted on 7-15-19.

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 some rain events (7-12-19 & 7-13-19), temperatures ranging from the high 70's to the high 80's.**

Weather conditions (time of inspection & future outlook): **Future forecast is mostly clear with some scattered clouds and rain 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 are conducting wildlife sweeps prior to any timber matting being placed. Once the mats are in place it is the contractor's responsibility to conduct sweeps in that area prior to beginning work each day.
- Weekly site walks/discussion for upcoming work are being conducted.

### **Work completed this week:**

- *Portsmouth*
  - *Boulos continues to do work at substation.*
- *Newington*
  - *None*
- *Durham*
  - *McCourt continues to trench, fuse pipe and assemble duct bank along Colovos Rd.*
  - *McCourt continues to excavate and prep receiving pit.*
  - *McCourt is in the beginning stages of restoring College Brook.*
  - *McCourt began excavating rain garden.*
  - *GZA continues to manage soil stockpile area in "A" lot and Waterworks Rd laydown area.*
  - *Soil continues to be hauled out of Waterworks Rd laydown area.*
  - *Midwest Mole Inc. finished drilling in jacking pit.*
  - *MJ drilled and poured foundation for Str. 22 and mobilized to Str. 23.*
  - *Supreme continues to clear ROW.*
  - *Gratan has begun work at the cable house.*

### **Erosion and sediment control items and observations:**

- McCourt installed a temporary filter fabric and stone-lined stream channel in College Brook to help manage stream flow and sediment loss in case of rain events until they are completely ready to restore College Brook. McCourt is locating the required stream blanket and seed mix before they can finish restoration efforts.
- **BMPs**
  - JCR installed erosion controls around Str. 22, 23 and Mill Road access road.
  - Preventative maintenance will be required for erosion controls throughout the duration on the project.

### **Corrective Action**

- None needed.

**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 (See erosion control installation/repair items above)

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 (PESC)**

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: Structures. F107-134, 135 and 137 have 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 Jacob  
CERTIFIED PROFESSIONAL  
EROSION & SEDIMENT  
CONTROL SPECIALIST  
NO. 2017    Exp. 7/18/19

Date: \_\_\_\_\_ 7/18/19



**PHOTOGRAPHS**



Fig 1: McCourt continues to excavate trench through College Brook. Viewing north. (7-11-19).

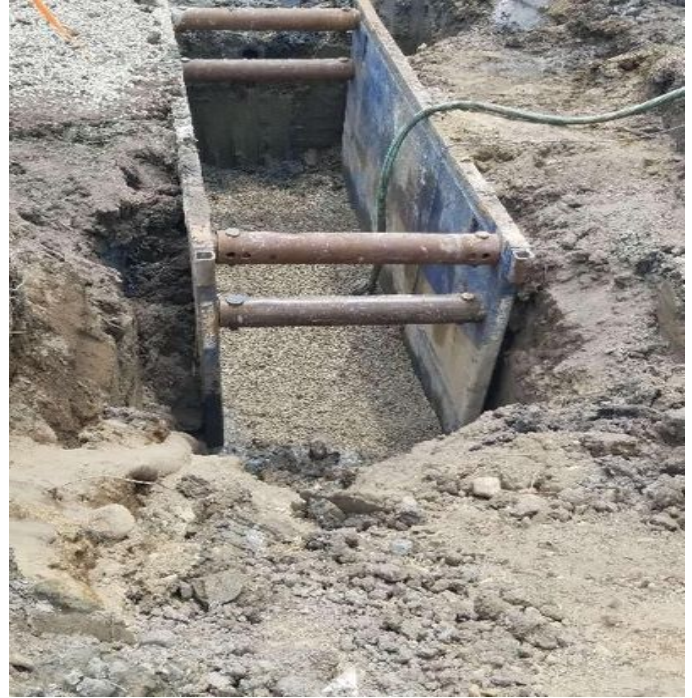


Fig 2: McCourt began installing trench boxes in College Brook. Viewing south. (7-11-19).



Fig 3: Filter sock installed around drilling activities for Str. 22 in "A" lot. Viewing south. (7-12-19).



Fig 4: Erosion controls installed on the north side of the Waterworks Rd Laydown yard. Viewing east. (7-12-19).



**PHOTOGRAPHS**



Fig 5: McCourt is pumping the trench water out and into the dewatering apparatus. Viewing south. (7-12-19)



Fig 6: Newly built larger dewatering apparatus. Viewing north. (7-12-19).



Fig 7: Structure uncovered during the College Brook excavation. Viewing west. (7-12-19).



Fig 8: MJ drilling foundation for Str. 22, GZA has been managing the soil. Viewing east. (7-12-19).



**PHOTOGRAPHS**



Fig 9: Straw bales installed between Str. 139 and wetland NW37. Viewing north. (7-14-19).



Fig 10: Rainwater in College Brook trench. Viewing south. (7-14-19).



Fig 11: College Brook downstream from trenching activities and stream bypass. Viewing east. (7-14-19).



Fig 12: Pipe and duct bank install in College Brook. Viewing south. (7-15-19).



**PHOTOGRAPHS**



Fig 13: Pipe and duct bank install in College Brook cont. Viewing south. (7-15-19).



Fig 14: College Brook, downstream of trenching activities. Viewing west. (7-15-19).



Fig 15: Green hue observed in rain garden, not a result of McCourt's activities. Viewing west. (7-15-19).



Fig 16: JCR began installing timber matting and erosion controls between Str. 23 and wetlands DW69 & DW67. Viewing south. (7-15-19).



**PHOTOGRAPHS**



Fig 17: McCourt began restoring disturbed areas. This view is south of the steam pipe. Viewing south. (7-15-19).



Fig 18: Float fill placed in trench running through College Brook. Viewing north. (7-16-19).



Fig 19: College Brook, downstream of construction activity. house. Viewing south. (7-16-19).



Fig 20: Restoration south of steam pipe, next to UNH field. Viewing north. (7-16-19).



**PHOTOGRAPHS**



Fig 21: McCourt began restoration activities in College Brook. Viewing south. (7-16-19).



Fig 22: Clearing ROW towards Oyster River. Viewing south. (7-16-19).



Fig 23: Jute netting installed on College brook slopes for restoration activities. Viewing west. (7-17-19).



Fig 24: Filter fabric placed in the College Brook to help prevent sediment loss. Viewing south. (7-17-19).



**PHOTOGRAPHS**



Fig 25: 6 in stone placed on top of filter fabric in College brook. Viewing south. (7-17-19).



**PROJECT TEAM**

**Eversource**

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

Attn: Tom Sullivan- Construction Mgmt  
Phone: 978-502-3805  
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: hurt.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: samuel.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

**Cotractors**

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

Attn: Dan Jarry- Superintendent  
Phone: 603-238-5523  
Email: Daniel.jarry@jcrutility.com

**McCourt Construction**

Attn: Micheal 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- Superintendant  
Phone: 617-908-2660  
Email: dcedrone@mccourtconstruction.com

**Supreme Industries**

Attn: Jamieson Boucher  
Phone: 860-485-4101  
Email: jboucher@supremeindustries.com

**GZA**

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

**Environmental Consultant**

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

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

Attn: Cassandra O'Brien- Environmental Monitor  
Phone: 603-969-1175  
Email: cobrien@normandeu.com

Attn: Marc Jacobs- CPESC, NHCWS  
Phone: 603-534-7645  
Email: jacobs2wetsoil2004@yahoo.com

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