

## 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**

NAI Project No:

**23840.039**

**TYPE OF INSPECTION:**

- Weekly    Storm Event<sup>+</sup>     Reduced Frequency<sup>++</sup>  
 Other:

Date: **05/23/19**    Time: **6:00 pm**    <sup>+</sup>Was this inspection triggered by 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 info (approx):    Start date:5/17/19    Amount (inches): 0.06  
Start date:    Amount (inches):  
Start date:    Amount (inches):

++Reason for Reduced Frequency  
(i.e., Monthly due to frozen conditions):

Inspector name(s), title(s) and qualifications:    **Matthew Smith, Normandeau Environmental Inspector and Marc Jacobs, CPESC, NHCWS**

Others present/affiliation(s):    **Sam Eames (Eversource)**

Weather conditions (since last inspection):    **Mostly clear with scattered clouds, temperatures ranging from mid-50s to a high in the high-81.**

Weather conditions (time of inspection & future outlook):    **Forecast is mostly cloudy with temperatures ranging in from low 50s to mid-70s. Slight rain is forecasted early in the week.**

**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:

**PROJECT TEAM**

**Eversource**

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**General Comments:**

- All work areas have no or minimal issues.

**Work completed this week:**

- *Portsmouth*
  - JCR has been installing counterpoise and conducting cleanup activities at F107-7,8,9,10 & E194-134 and 137.
  - Boulos continues to do work at the substation.
- *Newington*
  - *Finished foundations E194-7,8,10 & F107-134,135,136,137.*
- *Durham*
  - *Supreme began tree clearing at field house.*
  - *McCourt began saw cutting and digging exploratory pits in A lot near Str. 22 location.*
  - *Strategic began building a soil stockpile area in A lot. The stockpile area will have three cells, one for dry soil, one for wet soil and one for rock and stone. The area will be sloped for draining and pump.*
  - *Wetland mark outs near Str. 109, 23, 24 and around College Brook. Str. 23 is very close to wetland DW67, recommend waiting to construct foundation.*
- *Madbury*
  - Boulos continues to do work at the substation.

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

- When implementing straw bales, the contractor needs to make sure they are double staked in at all times.
- When installing straw waddle trench into the ground slightly to recess the waddle into the ground. By doing this it prevents sediment from undercutting BMP.

**PHOTOGRAPHS**

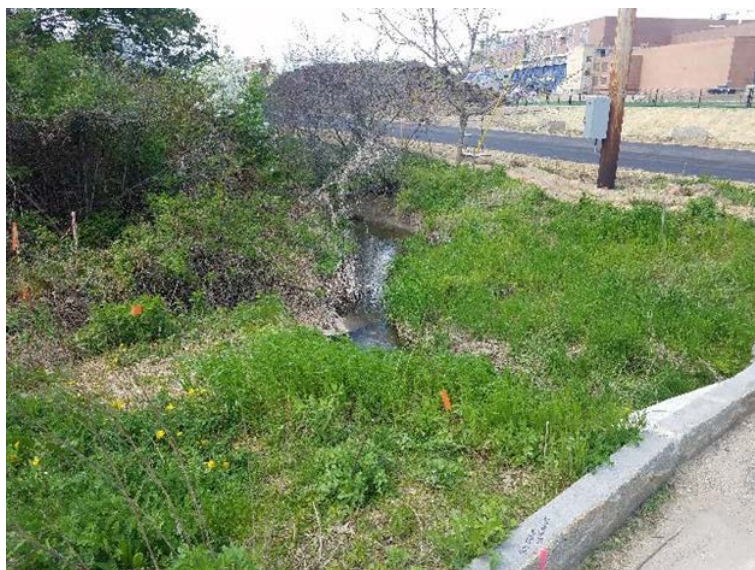


Fig 1: Wetland mark out around College Brook, along Colovos Rd. Viewing north



Fig 2: Wetland DW67 mark out near Str.23. Wetland is very close to the structure. Viewing northwest.

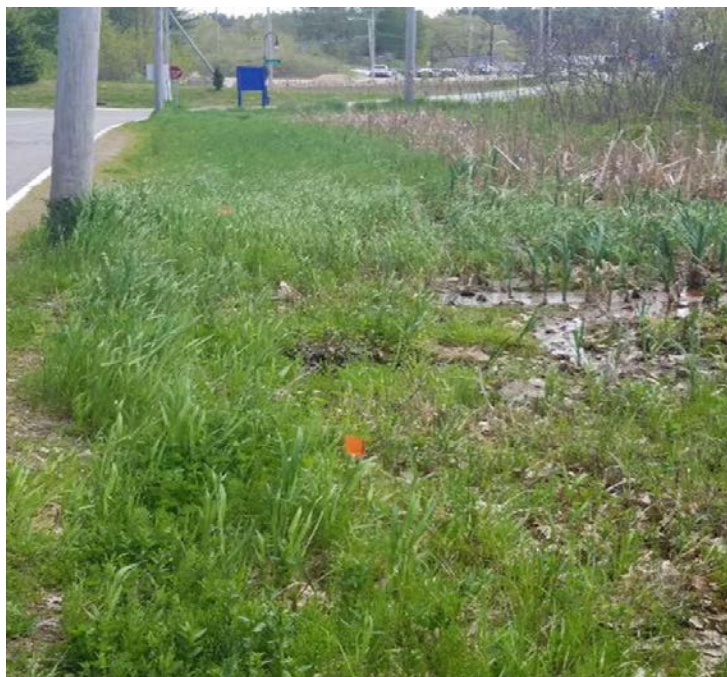


Fig 3: Wetland DW67 mark out near Str 23. Viewing south.

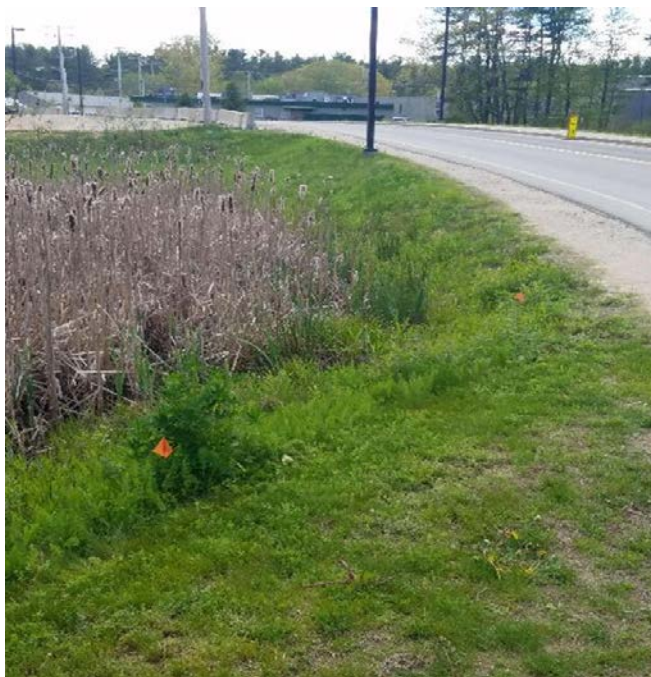


Fig 4: Wetland DW65 mark out near Str.24. Viewing south.





Fig 5: Straw broadcasted over exposed soil area between Strs. F107-136 and 137. Viewing south.



Fig 6: JRC finished removing timber matting & scattering straw over exposed soil around Str. E194-7 & F107-137. Viewing north.



Fig 7: Strategic setting up soil stockpile area in A lot. Viewing northeast.



Fig 8: McCourt saw cutting A lot. Viewing south.



Fig9: Soil stockpile area in A lot. Viewing northeast.



Fig10: McCourt continue to remove pavement and dig test pits in A lot. Viewing southeast.



**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  
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:
- Adjacent surface water or wetland:
- Description:

**TEMPORARY EROSION AND SEDIMENTATION CONTROLS (TESC)**

Installed and functioning per the SWPPP?  YES  NO  N/A (See BMP installation/repair items identified above.)

If not, explain necessary repairs or other maintenance to be taken for each of the following categories. Detail what needs to be done, in what location, and what has been corrected since the last monitoring inspection.

- Erosion prevention (stabilize exposed soils):
- Runoff control (direct storm water):
- Sediment control (clean up sediment/sediment-laden storm water):

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.

Storm Water Conveyance, Soil Stabilization, and Storm Water Treatment, Other:

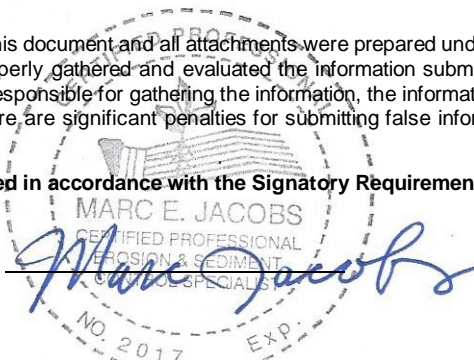
**OTHER COMMENTS AND OBSERVATIONS**

**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: 5/23/19