



**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: **07/29/20** Time: **8:00am** 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):

NOTE:  
\* None

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

Others present/qualifications(s): **Sam Eames, Eversource construction representative**

Weather conditions (since last inspection): **Sunny. Temperatures in the high 80's and low 90's.**

Weather conditions (time of inspection & future outlook): **Sunny, temperatures in the 80's. Forecast: Sunny Friday and Saturday with chance of rain from Sunday to Tuesday next week. Temperatures in the 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**

- Continued BMP maintenance and upkeep is a constant priority on shorelines of both sides of the Bay until vegetation has established to stabilize the sites.
- Housekeeping such as sweeping of timber mats and roads is a must.
- All contractors on site should have a copy of the construction drawings.
- Be sure to remove any remains of silt socks etc unless directed by the environmental monitor.
- Stone and gravel used on the access roads should be removed or contoured and covered with topsoil, then seed and mulch, according to the BMPs.

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

- *Portsmouth*
  - *None - construction and restoration complete. Post-construction inspections underway.*
- *Madbury*
  - *None - construction and restoration complete. Post-construction inspections underway.*
- *Newington.*
  - *Rye Beach Landscaping continues landscaping activities at Gundalow landing/east side of the Bay*
- *Durham.*
  - *JCR continues restoration activities between Strs. 46-58, off Durham Point Rd. (culvert replacement), and restoration of access road off Route 4 leading to Strs. 9-18.*

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

- **BMPs**
  - BMPs should be left in place until the sites are stabilized per the environmental monitor. There are areas where BMPs can be removed with environmental monitor approval.

### **Corrective Action**

- None

**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: None

**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?

*\* 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: N/A

- Areas yet to be restored and mulched:** Strs. 49-58
- Areas that have been restored and mulched, but have little germination:** Strs. 5-6, 19-21, 28-48, 59-66, 69-84, 86-99, 115-130
- Moderate germination:** Str. 4, Strs. 7-12, 14-18, 25-27, 68, 85, 100-101, 103-107 (including Frink farm-Hannah Lane), 109-113, 131-144, and both sides of Little Bay.
- Stabilized (85%+ germination):** Strs. 1-3, 22-24, 67, 102, 108, 114, UNH UG.

**OTHER COMMENTS AND OBSERVATIONS:**

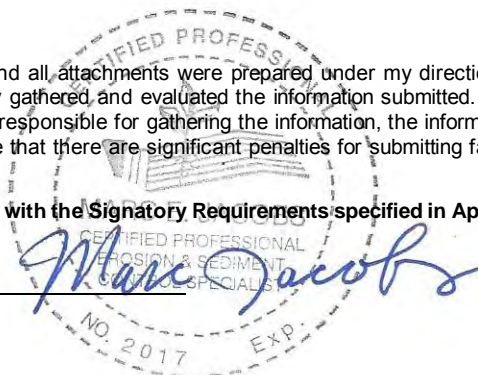
-None other than the above comments.

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: 07/30/20



**PHOTOGRAPHS**



Fig 1: Str. 45 work area mulched and seeded. Viewing northwest. (07-27-20).



Fig 2: Access road between Strs. 45 and 46 mulched and seeded. Viewing south. (07-27-20).



**PHOTOGRAPHS**



Fig 3: Str. 46 work area initial revegetation. Viewing southeast. (07-27-20).



Fig 4: Access road leading to Str. 47 from Str. 46 in process of being restored. View south. (07-27-20).



**PHOTOGRAPHS**



Fig 5: Access road to Strs. 9-18 off Route 4 was re-graded. BMPs along access road to be removed. Viewing east. (07-27-20).



Fig 6: Replacing culvert off Durham Point Rd. Viewing northwest. (07-29-20).



**PHOTOGRAPHS**



Fig 7: Timber mats removed from Str. 47. Viewing west. (07-29-20)



Fig 8: Timber mats removed from access road between Strs. 47 and 48. Viewing north. (07-29-20).



**PHOTOGRAPHS**



Fig 9: Dewatering basin at Str. 48 regraded, mulched and seeded. Viewing south. (07-29-20).



Fig 10: Str. 48 work area mulched and seeded. Viewing west. (07-29-20).



**PHOTOGRAPHS**



Fig 11: Soil for turtle nesting area, sourced from dewatering basin at Str. 48. Viewing south. (07-29-20).



Fig 12: Restoring access road between Strs. 55 and 56. Viewing northeast. (07-29-20).



**PHOTOGRAPHS**



Fig 13: Salt marsh restoration at Gundalow Landing/east side of the bay. Viewing west. (07-27-20).



Fig 14: Toe of slope and salt marsh restoration at Gundalow Landing/east side of the bay. Viewing southwest. (07-27-20).



**PHOTOGRAPHS**



Fig 15: Slope below manhole at Gundalow Landing/east side of the bay. Viewing west. (07-27-20).



Fig 16: Slope above manhole at Gundalow Landing/east side of the bay. Viewing northeast. (07-27-20).



**PHOTOGRAPHS**



Fig 17: Salt marsh restoration and cable house in background at Eversource property/west side of the bay. Viewing north (07-27-20).



**PROJECT TEAM**

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