



### 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: **12/05/20** Time: **9:00am** 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: 12/12/20 Amount (inches): 0.49 inches of precipitation

NOTE:  
\*The SWPPP inspection for the 12/12/20 storm event was conducted on 12/13/20.

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

Others present/qualifications(s):

Weather conditions (since last inspection): **Mostly cloudy Tuesday and Wednesday changing to mostly sunny Thursday and Friday. Rain Saturday afternoon into early Sunday morning. Total precipitation of 0.49". Sunny Sunday changing to cloudy again Monday with trace showers in the afternoon. Temperatures in the low 10s to mid 40s.**

Weather conditions (time of inspection & future outlook): **Sunny Tuesday. Cloudy Wednesday with heavy snow likely overnight and all day Thursday. Sunny Friday and Saturday changing to cloudy Sunday. Chance of snow showers Sunday night. Sunny Monday through Wednesday next week. Temperatures in the mid 10s to low 40s.**

#### 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.
- All contractors on site should have a copy of the construction drawings.

### Work completed this week:

- *Portsmouth*
  - *None - construction and restoration complete. Post-construction inspections are continuing.*
- *Madbury*
  - *None – construction and restoration complete. Post-construction inspections are continuing.*
- *Newington*
  - *None – construction and restoration complete. Post-construction inspections are continuing.*
- *Durham*
  - *Richard Irons – Restoration Masons completed work on the cable house.*
  - *Additional straw mulch spread on southwest facing slope above DS46 (LaRoche Brook) near Str. 51 as a precautionary measure.*
  - *Post-construction inspections are continuing.*

### Erosion and sediment control items and observations:

- **BMPs**
  - All remaining BMPs should be left in place until the sites are determined to be stabilized by the environmental monitor.

### 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 that have been restored and mulched, but have little germination:** Hannah Ln, Eversource property/west side of bay, 89-90

**Moderate germination:** Strs. 4-6, Strs. 7-21, 25-34, 36-88, 91-101, 107, 109-112, 122-127, 129-130, and Gundalow Landing/east side of bay.

**Stabilized (85%+ germination):** Strs. 1-3, 22-24, 35, 67, 102-106 (including Frink farm), 108, 113-121, 128, 131-144, UNH UG.

**OTHER COMMENTS AND OBSERVATIONS:**

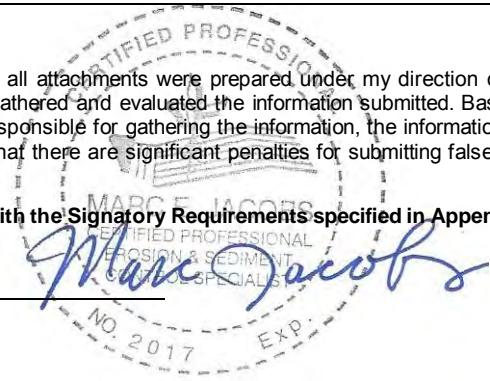
-None other than the above comments.

**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: 12/16/20



**PHOTOGRAPHS**



Fig 1: Slope above the cable house at the Eversource property/west side of the bay. Viewing northwest. (12-11-20)



Fig 2: Slope leading down to cable house and salt marsh restoration at the Eversource property/west side of the bay. Viewing northeast. (12-13-20)



**PHOTOGRAPHS**



Fig 3: Cable house post-restoration and scaffolding removal at the Eversource property/west side of the bay. Viewing northwest. (12-11-20)



Fig 4: Toe of the slope and salt marsh restoration at the Eversource property/west side of the bay. Viewing south. (12-15-20)



**PHOTOGRAPHS**



Fig 5: Slope above the manhole at Gundalow Landing/east side of the bay. Viewing east. (12-15-20)



Fig 6: Slope below the manhole at Gundalow Landing/east side of the bay. Viewing east. (12-15-20)



**PHOTOGRAPHS**



Fig 7: Toe of the slope at Gundalow Landing/east side of the bay. Viewing south. (12-15-20)



Fig 8: Salt marsh restoration at Gundalow Landing/east side of the bay. Viewing northwest. (12-15-20)



**PHOTOGRAPHS**



Fig 9: Stream DS46 between Strs. 51 and 52. Viewing northeast. (12-15-20)



Fig 10: Lower portion of slope between Strs. 28 and 29. Viewing northeast. (12-15-20)



**PHOTOGRAPHS**



Fig 11: Str. 89 work area. Viewing southeast. (12-13-20)



Fig 12: Str. 90 work area. Viewing northeast. (12-13-20)



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