



### 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: **05/06/20** 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: 05-01-20	Amount (inches): 0.78 in
	Start date:	Amount (inches):
	Start date:	Amount (inches):

NOTE:  
\* Report for the 5-01-20 rain event was submitted on 5-01-20. Photos for that inspection/day are included in the report.

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): **Clear. Temperatures in the 60's.**

Weather conditions (time of inspection & future outlook): **Partly cloudy, temperature in the 50's. Future forecast shows rain showers Friday then clear throughout the weekend and early next week. Temperatures in the 50'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 during the spring months 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.
- During mat removal be sure to remove any remains of silt socks etc.
- Timber mats are being cleaned and maintained at the end of each day in work locations.

### Work completed this week:

- *Portsmouth*
  - *No active construction during inspection.*
- *Madbury*
  - *Boulos continues to work at substation.*
- *Newington*
  - *Blu Roc finished burying concrete blocks at Gundalow landing/east side of the Bay to protect submarine cables. Restored slope and installed BMPs.*
  - *Jeff Wilson began salt marsh restoration.*
- *Durham.*
  - *JCR began to dig foundation for Str.40.*
  - *JCR set foundation cans for Strs. 34-39 & 41-7-47.*
  - *JCR raised Strs. 33-39 & 41-47.*
  - *Jeff Wilson began salt marsh restoration.*

### Erosion and sediment control items and observations:

- **BMPs**
  - All required BMPs need to be installed as access roads are being built, before construction starts.

### Corrective Action

**All corrective action items identified in the storm water report distributed on 05-01-20 were resolved.**

- Crew addressed corrective action item around Str. 82. See photo 23 below.
- Crew addressed corrective action item along access road to Str. 93. See photo 24 below.
- Crew addressed corrective action item referring to timber mat maintenance. See photo 21 & 22 below.

**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: N/A.

**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:** Both sides of Little Bay. Trench between Strs. 106-107 (Frink farm-Hannah Lane). Strs. 28 & 29.

**Moderate germination:** Strs. 135 – 139. Strs.

**Stabilized (85%+ germination):** Field house at UNH, Colovos Rd at UNH, and College Brook at UNH.

**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 E. Jacobs  
CERTIFIED PROFESSIONAL  
IN EROSION & SEDIMENT  
CONTROL  
NO. 2017      EXP. 05/07/20

Date: \_\_\_\_\_ 05/07/20

**PHOTOGRAPHS**



Fig 1: Installing blocks over cable at toe of slope, Gundalow landing/east side of the Bay. Viewing south. (04-30-20).



Fig 2: Installing blocks over cable at toe of slope, Gundalow landing/east side of the Bay. Viewing south. (04-30-20).

**PHOTOGRAPHS**



Fig 3: Str. 34 foundation can set. Viewing northwest. (04-30-20).



Fig 4: Material spread for base of salt marsh restoration on east side of Bay. Viewing west. (04-30-20).

**PHOTOGRAPHS**



Fig 5: Installing blocks over cable at toe of slope, Gundalow landing/east side of the Bay. Viewing southeast. (05-02-20).



Fig 6: Backfilling over blocks at Gundalow landing/east side of the Bay. Viewing south. (05-02-20).

**PHOTOGRAPHS**



Fig 7: Establishing final slope/grade at Gundalow landing/east side of the Bay. Viewing west. (05-03-20).



Fig 8: Establishing final slope/grade at Gundalow landing/east side of the Bay. Viewing east. (05-04-20).

**PHOTOGRAPHS**



Fig 9: Str. 43 pole set. Viewing south. (05-04-20).



Fig 10: Hammering ledge at Str. 45. Viewing west. (05-04-20).



**PHOTOGRAPHS**



Fig 11: Spreading loam and gravel for walkway on slope at Gundalow landing/east side of the Bay. Viewing southeast. (05-04-20).



Fig 12: Beginning to restore salt marsh at Getchell property/west side of the Bay. Viewing west. (05-05-20).

**PHOTOGRAPHS**



Fig 13: Seeding, installing jute mat and mulching slopes at Gundalow landing/east side of the Bay. Viewing southwest. (05-05-20).



Fig 14: Installing BMPs at toe of slope at Gundalow landing/east side of the Bay. Viewing south. (05-05-20).

**PHOTOGRAPHS**



Fig 15: Installing BMPs on slope at Gundalow landing/east side of the Bay. Viewing southeast. (05-05-20).



Fig 16: Str. 44 pole set. Viewing west. (05-05-20).

**PHOTOGRAPHS**



Fig 17: Hammering ledge at Str. 45. Viewing west. (05-05-20).



Fig 18: Str. 35 pole set. Viewing north. (05-06-20).

**PHOTOGRAPHS**



Fig 19: Pumping water out of hole at Str. 45. Viewing west. (05-06-20).



Fig 20: Access road swept and maintained through wetland DW58. Viewing south. (05-06-20).

**PHOTOGRAPHS**



Fig 21: Access road swept and maintained over stream DS30 in wetland DW32. Between Strs. 84-85. Viewing east. (05-06-20).



Fig 22: Combined berm installed downslope of Str. 82. Viewing north. (05-06-20).

**PHOTOGRAPHS**



Fig 23: Silt fence installed in swale along access road to Str. 93. Viewing northwest. (05-06-20).

**PROJECT TEAM**

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