



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: **07/22/20** 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 80's and low 90's.**

Weather conditions (time of inspection & future outlook): **Sunny, temperatures in the 80's. Forecast chance of rain Wednesday evening to Thursday evening, followed by clear weather throughout the weekend. Temperatures 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

- 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.
- During mat removal 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.

Work completed this week:

- *Portsmouth*
 - *None.*
- *Madbury*
 - *None*
- *Newington.*
 - *Rye Beach Landscaping continues landscaping activities at Gundalow landing/east side of the Bay.*
- *Durham.*
 - *JCR continues restoration activities between Strs. 93-99, 5-6, & access off Foss Farm Rd.*

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 that have been restored and mulched, but have little germination: Strs. 100-130 including (Frink farm-Hannah Lane).
 Strs. 28-34, Strs. 35-44., Strs. 61-90., Strs. 97-99
Moderate germination: Strs. 131-149, Str. 68. Both sides of Little Bay.
Stabilized (85%+ germination): UNH. Strs. 22-24, 67.

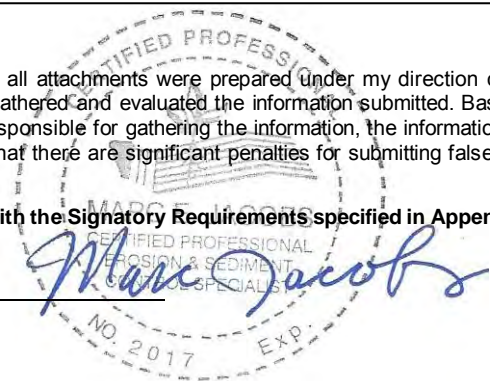
OTHER COMMENTS AND OBSERVATIONS:
 -None other than the above comments.

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: 07/23/20

PHOTOGRAPHS



Fig 1: Filter sock at Gundalow Landing/east side of bay to prevent potential sediment-laden water from exiting the site. Viewing southeast. (07-16-20).



Fig 2: Str. 94 work area restored. Viewing northeast. (07-16-20).

PHOTOGRAPHS



Fig 3: Access route between Strs. 94 and 95 restored. Note replacement fence. Viewing southeast. (07-16-20).



Fig 4: Temporary BMPs on slope above manhole at Gundalow Landing/east side of the bay. View southwest. (07-20-20).

PHOTOGRAPHS



Fig 5: Temporary BMPs on slope below manhole at Gundalow Landing/east side of the bay. Viewing southwest. (07-20-20).



Fig 6: Temporary BMPs on toe of slope below manhole at Gundalow Landing/east side of the bay. Viewing southwest. (07-20-20).

PHOTOGRAPHS



Fig 7: Salt marsh restoration at Gundalow Landing/east side of the bay. Viewing northwest. (07-20-20).



Fig 8: Initial germination on restored access between Strs. 96 and 95. Viewing southeast. (07-20-20).

PHOTOGRAPHS



Fig 9: Initial germination on restored access between Strs. 96 and 95. Viewing northwest. (07-20-20).



Fig 10: Restored wetland DW6 in access between Strs. 96 and 95. Note reddish iron-oxidizing bacteria, a naturally occurring condition associated with iron rich groundwater/soil. Viewing northwest. (07-20-20).

PHOTOGRAPHS



Fig 11: Str. 95 work area restored. Viewing west. (07-20-20).



Fig 12: Str. 93 work area restored. Viewing northeast. (07-20-20).

PHOTOGRAPHS



Fig 13: Access road between Strs. 93 and 92 restored. Viewing northwest. (07-20-20).



Fig 14: Re-vegetating access road crossing of wetland DW40. Viewing east. (07-21-20).



Fig 15: Re-vegetating access road with stonewall adjacent to wetland DW27. Viewing east. (07-21-20).



Fig 16: Re-vegetating access road crossing wetland DW25. Viewing east. (07-21-20).



Fig 17: Re-vegetating access road crossing wetland DW21. Viewing east. (07-21-20).



Fig 18: Re-vegetating access to Str. 73 from Sandy Brook Dr. Viewing east. (07-21-20).



Fig 19: Str. 6 work area restored. Viewing southeast. (07-21-20).



Fig 20: Str. 5 work area restored. Viewing south. (07-21-20).



Fig 21: Salt marsh restoration at Getchell property/west side of the bay. Viewing southeast. (07-22-20).



Fig 22: Salt marsh restoration at Getchell property/west side of the bay. Viewing southwest. (07-22-20).



Fig 23: Wetland DW12 off Durham Point Rd. restored. Viewing southeast. (07-22-20).



Fig 24: Concrete block added to Str. 99 at Getchell property/west side of the bay. Viewing southwest. (07-22-20).



Fig 25: Pouring float fill for Str. 70 foundation. Viewing east. (07-22-20).



Fig 26: Restoring access road off Foss Farm Rd. Viewing southwest. (07-22-20).



Fig 27: Restoring staging area off Foss Farm Rd. Viewing southwest. (07-22-20).

PROJECT TEAM

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