



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: **08/05/20** 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: **Elizabeth Olliver, Normandeau Environmental Inspector and Marc Jacobs, CPESC, NHCWS**

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

Weather conditions (since last inspection): **Sunny Thursday to Tuesday. Rain and high winds Tuesday starting in the late afternoon and continuing overnight. Total accumulation of 0.09 inches. 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 to partly cloudy over the weekend. Chance of showers Tuesday and Wednesday. 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.
- 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. Removal of BMPs from Route 4 access road.*
 - *Graton began site preparations for moving the cable house to its permanent location.*

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: Access road off Bennett Rd.
Areas that have been restored and mulched, but have little germination: Strs. 5-6, 19-21, 28-49, 51-66, 69-84, 86-99, 115-130
Moderate germination: Str. 4, Strs. 7-12, 14-18, 25-27, 50, 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.

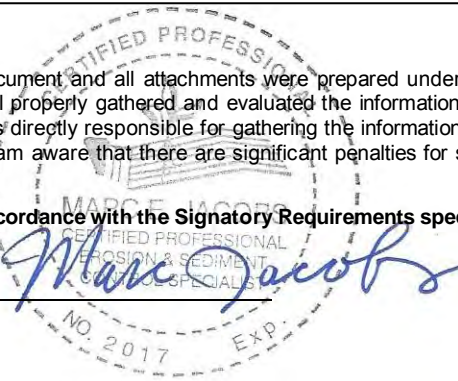
OTHER COMMENTS AND OBSERVATIONS:
-None other than the above comments.

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: 08/06/20

PHOTOGRAPHS



Fig 1: Culvert replacement in access road to Str. 93 off Durham Point Rd. complete. Seeded and lightly mulched. Viewing west. (08-03-20).



Fig 2: Access road across DW56, between Strs. 47 and 48. Timber mats removed and wetland seeded. Viewing north. (08-03-20).

PHOTOGRAPHS



Fig 3: Turtle nesting area next to Str. 49. Viewing southwest. (08-03-20).



Fig 4: Access road across wetland DW54. Timber mats removed and wetland seeded. View southwest. (08-03-20).

PHOTOGRAPHS



Fig 5: Str. 50 work area re-vegetating. Viewing south. (08-03-20).



Fig 6: Access road from Strs. 50 to 49 seeded and mulched. Viewing southwest. (08-03-20).

PHOTOGRAPHS



Fig 7: Str. 58 work area. Initial germination observed. Viewing northeast. (08-03-20).



Fig 8: Str. 57 work area mulched and seeded. Viewing northeast. (08-03-20).

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Fig 9: Timber mats removed from access road across wetland DW31. Wetland and slope down into wetland seeded and mulched. Silt sock BMP place in preparation for potential storm event. Viewing northeast. (08-03-20).



Fig 10: Str. 55 work area and access road seeded and mulched. Viewing southwest. (08-05-20).

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Fig 11: Access road crossing of stream DS35 in wetland DW33. Viewing southwest. (08-05-20).



Fig 12: Access road from Strs. 54 to 53 seeded and mulched. (08-05-20).

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Fig 13: Timber mat removal and access road restoration at DS46 stream crossing. Viewing southwest. (08-05-20).



Fig 14: Salt marsh restoration at Gundalow Landing/east side of the bay. Viewing northwest. (08-05-20).

PHOTOGRAPHS



Fig 15: Toe of slope below manhole at Gundalow Landing/east side of the bay. Viewing southwest. (08-05-20).



Fig 16: Slope below manhole at Gundalow Landing/east side of the bay. Viewing northeast. (08-05-20).

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Fig 17: Slope above the manhole at Gundalow Landing/east side of the bay. Viewing northeast. (08-05-20).



Fig 18: Salt marsh restoration at Eversource property/west side of the bay. Viewing south. (08-05-20).

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Fig 19: Slope above salt marsh restoration at Eversource property/west side of the bay. Planned final location of the cable house marked with orange flagged stakes. Viewing west. (08-03-20).

PROJECT TEAM

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