



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: **08/19/20** 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 to partly cloudy Thursday to Wednesday. Temperatures in the mid 60's and mid 80's. Precipitation – 0.20 inches early Tuesday morning.**

Weather conditions (time of inspection & future outlook): **Sunny, temperatures in the mid 70's to low 80's. Forecast: Sunny to partly cloudy over the weekend. Temperatures in the mid 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.*
 - *None.*
- *Durham.*
 - *JCR completed timber mat removal and restoration of the Bennett Rd. access road and staging area. Removal of BMPs and clean-up activities on punch list distributed to Eversource and JCR 08/14/20.*
 - *Graton continues site work to move the cable house to its permanent location. They're continuing construction of the new cable house foundation and will begin the cable house move next week.*

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. 5-6, 28-49, 51-66, 69-84, 86-99
Moderate germination: Str. 4, Strs. 7-21, 25-27, 50, 68, 85, 100-101, 103-107 (including Frink farm-Hannah Lane), 109-113, 115-118, 122-127, 129-144, and both sides of Little Bay.
Stabilized (85%+ germination): Strs. 1-3, 22-24, 67, 102, 108, 114, 119-121, 128 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:



Mark E. Jacobs
MARK E. JACOBS
CERTIFIED PROFESSIONAL
EROSION & SEDIMENT
CONTROL SPECIALIST
NO. 2017 Exp.

Date: 08/20/20

PHOTOGRAPHS



Fig 1: Bennett Rd. staging area. Gravel path restored and exposed soil seeded and mulched. Viewing north. (08-19-20).



Fig 2: Bennett Rd. access road seeded and mulched. Viewing north. (08-19-20).

PHOTOGRAPHS



Fig 3: Slope above the manhole at Gundalow Landing/east side of the bay. Viewing west. (08-19-20).



Fig 4: Toe of slope above the manhole at Gundalow Landing/east side of the bay. Viewing south. (08-19-20).

PHOTOGRAPHS



Fig 5: Slope above the manhole at Gundalow Landing/east side of the bay. Viewing east. (08-19-20).



Fig 6: Toe of slope below manhole at Gundalow Landing/east side of the bay. Viewing south. (08-19-20).

PHOTOGRAPHS



Fig 7: Slope below manhole at Gundalow Landing/east side of the bay. Viewing east. (08-19-20).



Fig 8: Salt marsh restoration at Gundalow Landing/east side of the bay. Viewing northwest. (08-19-20).

PHOTOGRAPHS



Fig 9: Salt marsh restoration at Eversource property/west side of the bay. Viewing south. (08-19-20).



Fig 10: Form for the first part of the new cable house foundation at Eversource property/west side of the bay. Viewing east. (08-13-20).



Fig 11: Site of the new cable house location at Eversource property/west side of the bay and the new cable house foundation partially constructed. Viewing north. (08-17-20).

PROJECT TEAM

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