



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: **03/18/20** 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: 03-13-20	Amount (inches): 0.42 in
	Start date:	Amount (inches):
	Start date:	Amount (inches):

NOTE:
*

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): **Mostly clear with some rain. Temperatures in the 40's.**

Weather conditions (time of inspection & future outlook): **Rain Thursday, temperature in the 50's. Then clear throughout the weekend and scattered showers 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 winter months.
- 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.
- Eagles have been observed at the Getchell property/west side of the Bay.
- Be alert for RTE wildlife in designated work areas.

Work completed this week:

- *Portsmouth*
 - *Boulos continues to do work at substation.*
- *Newington*
 - *GZA continues to manage soils excavated during construction activities.*
- *Durham.*
 - *JCR continues to build access roads from Strs. 71-79.*
 - *JCR set Strs. 61-64 & 66.*
 - *JCR began excavating foundations for Strs. 98 and 74.*

Erosion and sediment control items and observations:

- **BMPs**
 - All required BMPs need to be installed as access roads are being built, before construction starts.
 - Restore ground surface, seed and spread straw as timber mats are removed.
 - Scrape mats prior to removal from site. Clean before use in new areas.

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: 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). Areas where timber mats have recently been removed, seeded and mulched, no growth yet.

Moderate germination: Strs. 135 – 139.

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: _____



Date: _____ 03/19/20

PHOTOGRAPHS



Fig 1: Work pad for Str. 98. Viewing south. (03-12-20).



Fig 2: Work pad for Str. 97. Viewing south. (03-12-20).



Fig 3: BMPs at toe of slope at Getchell property/west side of the Bay. Viewing south. (03-12-20).



Fig 4: Using filter bag in upland area to dewater hole at Str.67. Viewing west. (03-12-20).

PHOTOGRAPHS



Fig 5: Access road between Strs. 51 and 52, over stream DS46. Viewing east. (03-13-20).



Fig 6: Exposed soils mulched with straw at Str. 52. Viewing southwest. (03-13-20).



Fig 7: Exposed soils mulched with straw at Str. 53. Viewing southeast. (03-13-20).



Fig 8: Exposed soils mulched with straw at Str. 54. Viewing east. (03-13-20).

PHOTOGRAPHS



Fig 9: Exposed soils mulched with straw at Str. 55. Viewing east. (03-13-20).



Fig 10: Access road through wetland DW31 and work pad for Str. 3162-13. Viewing east. (03-13-20).



Fig 11: Exposed soils mulched with straw at Str. 57. Viewing northeast. (03-13-20).



Fig 12: Access road through wetland DW48 Viewing west. (03-13-20).

PHOTOGRAPHS



Fig 13: Exposed soils mulched with straw at Str. 63. Viewing west. (03-13-20).



Fig 14: Exposed soils mulched with straw at Str. 62 and 3162-21. Viewing west. (03-13-20).



Fig 15: Exposed soils mulched with straw at Str. 100. Viewing east. (03-13-20).



Fig 16: Access road next to wetland DW42, between Strs. 79 and 80. Viewing northeast. (03-16-20).

PHOTOGRAPHS



Fig 17: Gundalow landing/east side of the Bay. Viewing southwest. (03-16-20).



Fig 18: Turbidity barrier in intertidal zone at Gundalow landing/east side of the Bay. Viewing south. (03-16-20).



Fig 19: Beginning to remove timber mats at Frink farm and through Knights Brook. Viewing west. (03-17-20).



Fig 20: Continue removing timber mats at Frink farm. Viewing west. (03-17-20).

PHOTOGRAPHS



Fig 21: Crew seeded and mulched area after timber mats have been removed at Frink farm. Viewing west. (03-17-20).



Fig 22: Knights Brook and wetland NW16. Note flock of turkeys. Viewing west. (03-17-20).



Fig 23: Beginning to bridge over wetland DW40 between Strs 80 and 81. Viewing west. (03-17-20).



Fig 24: Stump grindings applied to off-right-of-way access between Strs 79 and 80. Viewing northwest. (03-17-20).

PHOTOGRAPHS



Fig 25: Exposed soils mulched with straw at Str. 67. Viewing west. (03-18-20).



Fig 26: Removing timber mats at Frink farm. Viewing west. (03-18-20).



Fig 27: Access road, bridged over wetland DW40. Between Strs 80 and 81. Viewing east. (03-18-20).



Fig 28: Excavating foundation for Str. 98. Viewing east. (03-18-20).

PROJECT TEAM

Eversource

Attn: Dena Champy-Eversource Project
Manager

Phone: 603-634-2891

Email: dena.champy@eversource.com

Attn: Tom Sullivan-Construction
Management

Phone: 078-502-3805

Email: thomas.sullivan@eversource.com

Attn: Joseph Sperry-Eversource Senior
Engineer

Phone: 603-634-2562

Email: joseph.sperry@eversource.com

Attn: Kurt Nelson-Eversource Permitting

Phone: 603-714-3031

Email: kurt.nelson@eversource.com

Attn: Lauren Cote-Municipal Outreach

Phone: 603-634-2409

Email: lauren.cote@eversource.com

Attn: Sam Eames-Construction Rep

Phone: 603-915-0073

Email: sam.eames@eversource.com

Attn: Thomas Meister-Construction Rep

Phone: 339-987-7901

Email: Thomas.meister@eversource.com

Attn: Joshua Scott-ROW Safety Mgr

Phone: 603-848-7759

Email: Joshua.scott@eversource.com

Contractors

JCR Utility Construction Co., Inc.

Attn: Matt Moreau-Project Manager

Phone: 603-895-4062

Email: matt.moreau@crutility.com

McCourt Construction

Attn: Michael Worhunsky-Project Manager

Phone: 617-293-3864

Email: mworhunsky@mccourtconstruction.com

Attn: Scott Gorman-Safety Director

Phone: 617-828-8822

Email: sgorman@mccourtconstruction.com

Attn: Dan Cedrone-Superintendent

Phone: 617-908-2660

Email: dcedrone@mccourtconstruction.com

Supreme Industries

Attn: Jamieson Boucher

Phone: 860-485-4101

Email: dcedrone@mccourtconstruction.com

GZA

Attn: Lucas Turcotte

Phone: 603-380-5017

Email: lucas.turcotte@gza.com

Environmental Consultant

Normandeau Associates, Inc.

Attn: Matt Smith-Environmental Monitor

Phone: 228-224-0098

Email: msmith@normandeau.com

Attn: Brian Emlaw – Environmental Monitor

Phone: 315-250-2525

Email: bemlaw@normandeau.com

Attn: Marc Jacobs-CPESC, NHCWS

Phone: 603-534-7645

Email: jaconbs2wetsoil2004@yahoo.com

Attn: Sarah Allen-Principal Wetland
Scientist

Phone: 603-714-3085

Email: sallen@normandeau.com