



CONSTRUCTION MONITORING REPORT

Eversource Transmission Lines:
F107

TYPE OF INSPECTION: Weekly Storm Event Incident Corrective Action

Date: **06/21/19** Time: **12:00pm** Was this inspection triggered by 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: 06/20/19	Amount (inches): 0.51in
	Start date:	Amount (inches):
	Start date:	Amount (inches):

**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

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): **Rain event beginning Thursday 6-20-19 continuing into today with sporadic light showers (6-21-19), with temperatures in the 60s and 70's.**

Weather conditions (time of inspection & future outlook): **Raining during the time of inspection with scattered clouds forecasted for the rest of the day. Future forecast is partly cloudy/clear until the beginning of next week. Temperatures ranging from the 60s to 70s.**

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:

PROJECT TEAM

Eversource

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General Comments

- Exposed soil was observed next to Str. F107-136 due to utility work along Woodbury Ave.

Work completed this week:

- *Portsmouth*
 - *Boulos continues to do work at substation.*
- *Newington*
 - *None*
- *Durham*
 - *McCourt continues to excavate, fuse pipe, assemble conduit and assembling duct bank in "A" lot.*
 - *McCourt finished hammering ledge next to the field house.*
 - *McCourt began excavating for duct bank next to the field house at UNH. Soil is stockpiled in the Waterworks Rd laydown area.*
 - *McCourt finished excavating for the jacking pit.*
 - *Maine drilling and blasting finished their blasting activities.*
 - *GZA continues to manage soil stockpile area in "A" lot.*
 - *Soil is being hauled out of "A" lot as well as Waterworks Rd laydown area.*
 - *Midwest Mole is onsite prepping for drilling activities in jacking pit.*
 - *Supreme Inc. began tree clearing at Gundalow landing. On hold for now.*

Erosion and sediment control items and observations:

- The soil in the Waterworks Rd laydown was stockpiled slightly beyond the straw wattles that they had in place. McCourt was instructed to install silt fence around any soil stockpiles.
- **BMPs**
 - McCourt installed a silt fence on the north side of the Waterworks Rd laydown yard, between the soil stockpile and wetland DW65. This protected the wetland from any soil runoff from the laydown area. McCourt was instructed to key the silt fence into the ground, leaving no space between the fence and the ground surface. (This maintenance was completed 6-20-19).
 - The contractors have been reminded that they need to have spare BMP supplies on hand in case of emergencies. These spare supplies should be kept dry at all times; this is a requirement of the BMPs, Eversource and DES.

Corrective Action

- None needed.

PHOTOGRAPHS



Fig 1: GZA continues to haul out soil from stockpile area in "A" lot. Viewing north. (6-20-19).



Fig 2: Vac truck is used to pump rain water out of trench in "A" lot. Viewing south. (6-20-19).



Fig 3: Silt sock installed along trenching activities in "A" lot. Viewing south. (6-21-19).



Fig 4: Trenching for duct bank next to field house at UNH. Viewing south. (6-21-19).

PHOTOGRAPHS



Fig 5: Silt fence and straw wattle installed between soil stockpiled in Waterworks Rd lay down area and wetland DW65. Viewing east. (6-21-19).



Fig 6: Silt fence and straw wattle installed between soil stockpiled in Waterworks Rd lay down area and wetland DW65. Viewing east. (6-21-19).



Fig 7: Combined berm installed correctly in lay down area off of Gosling Rd. Viewing south. (6-20-19).



Fig 8: Combined berm installed correctly in lay down area off of Gosling Rd. Viewing north. (6-20-19).

PHOTOGRAPHS



Fig 9: Combined berm installed correctly in lay down area off of Gosling Rd. Viewing east. (6-20-19).



Fig 10: Str. F107-137 foundation and work pad seeded and broadcast with straw, grass beginning to grow. Viewing northeast. (6-20-19).



Fig 11: Silt fence and straw bales installed in low lying area between Str. F107-137 and wetland NW37. Viewing northeast. (6-21-19).



Fig 12: Exposed soil next to Str. F107-136 due to utility work along Woodbury Ave. Viewing southwest. (6-21-19).

PHOTOGRAPHS



Fig 13: Str. F107-135 foundation and work site. Straw wattle are installed correctly and area has been seeded and broadcast with straw. Viewing southwest. (6-21-19).



Fig 14: Str. F107-135 foundation in Newington mall parking lot, note germination. Viewing northeast. (6-21-19).

CERTIFICATION:

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:
Pond location: N/A
Adjacent surface water or wetland:

Description:

TEMPORARY EROSION AND SEDIMENT CONTROLS (TESC)

Installed and functioning per the SWPPP? YES NO N/A (See erosion control installation/repair items above)
 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 (PESC)

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: Structures. F107-134, 135 and 137 have germination.

Storm Water Conveyance, Soil Stabilization, and Storm Water Treatment, Other:

OTHER COMMENTS AND OBSERVATIONS:

-None other than the above comments.

"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
 EROSION & SEDIMENT
 CONTROL SPECIALIST
 NO. 2017 EXP. 6/21/19

Date: _____ 6/21/19