

CONSTRUCTION MONITORING REPORT

Eversource Transmission Lines:

F107

Location:

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

NAI Project No:

23840.039

TYPE OF INSPECTION:	<input checked="" type="checkbox"/> Weekly	Storm Event ⁺	<input checked="" type="checkbox"/> Reduced Frequency ⁺⁺
	<input type="checkbox"/> Other:		
Date: 05/16/19	Time: 6:00 pm	*Was this inspection triggered by a 0.25" storm event? Yes No <input checked="" type="checkbox"/>	
If yes, how did you determine whether a 0.25" storm event has occurred?		Rain Gauge <input type="checkbox"/>	Weather Station <input checked="" type="checkbox"/>
Storm event information is from Pease Air Force Base. <input type="checkbox"/> <input type="checkbox"/>			
+Storm event info (approx):	Start date: 05/14/19	Amount (inches): 0.60 (rain)	
	Start date:	Amount (inches):	
	Start date:	Amount (inches):	
++Reason for Reduced Frequency (i.e., <i>Monthly due to frozen conditions</i>):			

Inspector name(s), title(s) and qualifications:	Matthew Smith, Normandeau Environmental Inspector and Marc Jacobs, CPESC, NHCWS
Others present/affiliation(s):	Sam Eames (Eversource)
Weather conditions (since last inspection):	Mostly cloudy with rain on 5/14/19, occasional showers and temperatures ranging from mid-30s to a high in the high-60s.
Weather conditions (time of inspection & future outlook):	Forecast is mostly cloudy with temperatures ranging in from low 40s to high-60s. Rain is forecasted early in the week.

CONSTRUCTION SITE SEQUENCING AND DISTURBANCE	
Disturbed area and ongoing work (acreage & description): < 1 acre	
Proceeding per approved plan?	YES <input type="checkbox"/> NO <input type="checkbox"/> If not, note area and explain:
Operating within phasing limitations?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> If not, note area and explain:

PROJECT TEAM

PROPERTY OWNER

Eversource

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ENVIRONMENTAL CONSULTANT

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CURRENT WORK ACTIVITIES / NOTES

- All work areas have no or minimal issues.

Work completed this week:

- *Newington*
 - JCR is drilling and pouring foundations for E134 7-10, and F107 134.
 - Supreme completed tree clearing in upland sections only

Erosion and sediment control items and observations:

- A silt fence at Structure 134 has been bolstered with improved staking, and additional haybales were requested.

Photographs



Fig 1: Crew finishing foundation pour on Str. E194-10



Fig 2: Timber matting used to elevate equipment, viewing north.



Fig 3. Timber matting con't. Concrete footings for structures E194-10 and F1070134, viewing north.

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

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:

Adjacent surface water or wetland:

Description:

TEMPORARY EROSION AND SEDIMENTATION CONTROLS (TESC)

Installed and functioning per the SWPPP? YES NO N/A (See BMP installation/repair items identified above.)

If not, explain necessary repairs or other maintenance to be taken for each of the following categories. Detail what needs to be done, in what location, and what has been corrected since the last monitoring inspection.

Erosion prevention (stabilize exposed soils):

Runoff control (direct storm water):

Sediment control (clean up sediment/sediment-laden storm water):

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.

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

OTHER COMMENTS AND OBSERVATIONS


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-

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:


MARC E. JACOBS
CERTIFIED PROFESSIONAL
EROSION & SEDIMENT
CONTROL SPECIALIST
NO. 2017 Exp.

Date: 5/16/19