

Date:

**TYPE OF INSPECTION:** 

+Storm event information (approx.):

Storm event information is from Pease Air Force Base.

# **CONSTRUCTION MONITORING REPORT**

06/14/19 Time: 12:00pm Was this inspection triggered by a 0.25" storm event? X\_Yes \_No

Start date: 06/14/19

If yes, how did you determine whether a 0.25" storm event has occurred? \_\_\_Rain Gauge X Weather Station

Start date:

Start date:

\_\_Weekly X Storm Event \_\_Incident \_\_Corrective Action

Amount (inches): 0.50in

Amount (inches):

Amount (inches):

\_\_\_No, if not, note area and explain:

Eversource Transmission Lines: <u>F107</u>

<u>Madbury, Durham,</u> <u>Newgington, Portsmouth,</u> <u>NH</u>

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): Scattered clouds with temperatures in the 70's.

Weather conditions (time of inspection & future outlook): Forecast is mostly clear with temperatures ranging from the 60s to 70s. Slight rain is forecasted for Sunday.

### CONSTRUCTION SITE SEQUENCING AND DISTURBANCE

Disturbed area and ongoing work (acreage & description): < 1 acre

Proceeding per approved plan? <u>X</u>Yes No, if not, note area and explain:

Operating within phasing limitations? X Yes

# **PROJECT TEAM**

#### Eversource

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Attn: Joshua Scott- ROW Safety Mgr Phone: 603-848-7759 Email: joshua.scott@eversource.com

#### Cotractors

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Attn: Dan Jarry- Superintendent Phone: 603-238-5523 Email: Daniel.jarry@jcrutility.com

McCourt Construction

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# GZA

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#### **Environmental Consultant**

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Attn: Marc Jacobs- CPESC, NHCWS Phone: 603-534-7645 Email: jacobs2wetsoil2004@yahoo.com

Attn: Sarah Allen- Principal Wetland Scientist Phone: 603-714-3085 Email: sallen@normandeau.com

### **General Comments**

No major issues.

## Work completed this week:

- Portsmouth
  - Boulos continues to do work at substation.
  - Newington
    - o None
- Durham
  - o McCourt is assembling duct bank in A lot.
  - McCourt constructed a temporary road next to the field house.
  - McCourt assembled the trench box for jacking pit in A lot.
  - McCourt began excavation of receiving pit next to the field house.
  - Maine drilling and blasting continue to hammer ledge north and south of the steam pipe.
  - o GZA continues to manage soil stockpile area in A lot.

### Erosion and sediment control items and observations:

- No major issues with BMPs installed at this time, all require no or minimal maintenance.
- BMPs
  - 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.
  - Straw waddles installed around the lay down area off of Gosling Rd need to be staked in more. The stakes are somewhat loose to the touch and in a serious rain event they could come loose and break apart. The waddles are a part of a combined berm installed next to/on the slope of the gravel lay down yard, see photos 1 & 2 below. Sam Eames has been notified of this corrective action.
  - It has been recommended that additional BMPs be installed in one area of the lay down yard, see photo 7.

# **Corrective Action**

 McCourt ordered more straw bales so they can expand the dewatering apparatus they installed, waiting for delivery.

# **PHOTOGRAPHS**



Fig 1: Combined berm installed around lay down area off of Gosling Rd. Viewing south. (6-14-19).



Fig 2: Combined berm installed around lay down area off of Gosling Rd. Viewing south. (6-14-19).



Fig 3: Straw waddles installed between Str. 139 and Wetland NW37. Viewing southeast. (6-14-19).



Fig 4: Straw bales installed between Str. 138 and Wetland NW37. Viewing north. (6-14-19).

## **PHOTOGRAPHS**



Fig 5: Silt fence installed between Str. 137 and wetland NW37. Viewing north. (6-14-19).



Fig 6: The dewatering apparatus next to Colovos Rd. Waiting for materials to finish the install. Viewing east. (6-14-19).



Fig 7: Proposed area in lay down yard to add straw bales/waddle, this would help filter The runoff water that channels under the timber matting. Viewing north. (6-11-19).

CERTIFICATION:

OPERATING WITHIN LIMITS?
N/A X_YESNO if not, please explain:
SURFACE WATER QUALITY
Storm water discharge from the site at the time of inspection?  X YES NO N/A    Storm water discharge consistent with water quality standards?  X_YES NO N/A    Turbidity visually observed? YES  X_NO N/A    If yes, check appropriate location(s) below, and describe discharge: YES  X_NO N/A
Location: Gosling Rd. laydown area and Silt fence near structure 137 Pond location: N/A Adjacent surface water or wetland: NW37
Description:
TEMPORARY EROSION AND SEDIMENT CONTROLS (TESC)
Installed and functioning per the SWPPP? <u>X</u> YES NO N/A (See BMP installation/repair items 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? X_YESNO if so, please describe? See comments above.
* 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 XNON/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: Maintenance needs to be done on BMPs.
OTHER COMMENTS AND OBSERVATIONS: -None other than the above comments.
"I certify under penalty of law that this document and all attactments 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:    No. 038    Date:    6/14/19      Date:    0010000000000000000000000000000000000