



# DRAINAGE MONITORING REPORT

GEOTECHNICAL | ENVIRONMENTAL | ECOLOGICAL | WATER | CONSTRUCTION MANAGEMENT

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Eversource Transmission  
Line:

## F107 - Seacoast Reliability Project

Location:

### Durham, New Hampshire

GZA Project No:

04.0190967.00

**TYPE OF INSPECTION:**  Daily  Weekly  Storm Event<sup>+</sup>  Reduced Frequency<sup>++</sup>  
 Other:

Date: **04/14/2021** Time: **1215** <sup>+</sup>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  
 Other If other, please describe:

+Storm event info (approx):

Amount of rainfall (inches):

++Reason for Reduced Frequency  
(i.e., Monthly due to dry conditions):

Inspector name(s) and title(s): Matt Deane, Technical Specialist

Others present/affiliation(s):

Weather conditions (since last inspection): Primarily sunny, no measurable precipitation

Weather conditions (time of inspection): Mostly sunny, Low 50's

pH Meter Information (make/model): **Hanna HI98107**

Calibration Method: 2 Point

Date: **04/14/2021** Time: **1130**

Notes:

## PROJECT TEAM

### PROJECT OWNER

#### Eversource

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### ENVIRONMENTAL CONSULTANT

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**CURRENT/RECENT SITE WORK ACTIVITIES / NOTES**

- Active construction/earthwork occurring in adjacent parking lot.

**PHOTOGRAPHS**



UNH Wetland - 1 (Stormwater Area)



UNH Wetland - 2 (Stormwater Area)



UNH Wetland - 3 (Cattail Wetland)



UNH Wetland - 4 (Cattail Wetland)



UNH Wetland - 5 (Cattail Wetland)



UNH Wetland - 6 (Cattail Wetland)



**DRAINAGE AREA MONITORING**

**Location: UNH Wetland – 1 (Stormwater Area)**

Status of surface water at the time of inspection?  Dry  Standing  Flowing

pH: --

Observations/Notes: Dry

**Location: UNH Wetland – 2 (Stormwater Area)**

Status of surface water at the time of inspection?  Dry  Standing  Flowing

pH: 7.1

Observations/Notes: Standing water approx. 2" deep, iron-oxide bacteria observed in vicinity.

**Location: UNH Wetland – 3 (Cattail Wetland)**

Status of surface water at the time of inspection?  Dry  Standing  Flowing

pH: 6.8

Observations/Notes: Standing water approx. 3" deep.

**Location: UNH Wetland – 4 (Cattail Wetland)**

Status of surface water at the time of inspection?  Dry  Standing  Flowing

pH: 6.9

Observations/Notes: Standing water approx. 5" deep.

**Location: UNH Wetland – 5 (Cattail Wetland)**

Status of surface water at the time of inspection?  Dry  Standing  Flowing

pH: 6.7

Observations/Notes: Standing water approx. 5" deep.

**Location: UNH Wetland – 6 (Cattail Wetland)**

Status of surface water at the time of inspection?  Dry  Standing  Flowing

pH: --

Observations/Notes:

**OTHER COMMENTS AND OBSERVATIONS**

- Organic sheen observed at all monitoring locations with standing water.