



# 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: **05/25/2021** Time: **1045** <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): Sunny, High 60's

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

Calibration Method: 2 Point

Date: **05/25/2021** Time: **1000**

Notes:

## PROJECT TEAM

### PROJECT OWNER

Eversource

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Transmission ROW

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### ENVIRONMENTAL CONSULTANT

GZA GeoEnvironmental, Inc.

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

- Active construction occurring in adjacent former 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: --

Observations/Notes: Dry.

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

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

pH: --

**Observations/Notes:** Dry.

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

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

pH: **6.5**

Observations/Notes: Standing water approx. 1.5" 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. 1" deep.

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

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

pH: --

Observations/Notes: Soil saturated, no standing water.

**OTHER COMMENTS AND OBSERVATIONS**

- None.



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## 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: **05/27/2021** Time: **0950** <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: Weather Underground

+Storm event info (approx): Intermittent thunderstorms and light rain from late evening 5/26 to early morning 5/27

Amount of rainfall (inches): 0.25

++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): Variable sun and clouds, 0.25" rain overnight 5/26 into 5/27

Weather conditions (time of inspection): Partly cloudy, Low 70's

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

Calibration Method: 2 Point

Date: **05/27/2021** Time: **0905**

Notes:

## PROJECT TEAM

### PROJECT OWNER

Eversource

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**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: --

Observations/Notes: Dry.

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

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

pH: --

Observations/Notes: Dry.

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

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

pH: 6.7

Observations/Notes: Standing water approx. 1.5" deep.

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

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

pH: 6.8

Observations/Notes: Standing water approx. 1" deep.

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

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

pH: --

Observations/Notes: Soil saturated, no standing water.

**OTHER COMMENTS AND OBSERVATIONS**

- None.