



# DRAINAGE MONITORING REPORT

GEOTECHNICAL | ENVIRONMENTAL | ECOLOGICAL | WATER | CONSTRUCTION MANAGEMENT

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Eversource Transmission  
Line:

## F107 - Seacoast Reliability Project

Location:

### Newington, New Hampshire

GZA Project No:

04.0190967.00

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

Date: **05/11/2021** Time: **1035** <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): Variable sun and clouds with 0.65" rain event on 5/6

Weather conditions (time of inspection): Sunny, High 50's

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

Calibration Method: 2 Point

Date: **05/11/2021** Time: **1030**

Notes:

## PROJECT TEAM

### PROJECT OWNER

Eversource

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

- Excavation/removal of FTB on Vietas property (29 Gundalow Landing) completed on 5/7. Area backfilled with thermal sand, loam and stabilized with straw. Straw wattles placed around excavation area and at culvert inlets and outlets.

**PHOTOGRAPHS**



29 Gundalow - 1 (Drainage Area)



29 Gundalow - 2 (Culvert)



64 Gundalow - 1 (Drainage Course)



64 Gundalow - 2 (Drainage Course)



4 Brickyard Circle - 1 (Drainage Course)



4 Brickyard Circle - 2 (Drainage Course)



**PHOTOGRAPHS**



4 Brickyard Circle – 3 (Drainage Course)

**DRAINAGE AREA MONITORING**

**Location: 29 Gundalow – 1 (Drainage Area)**

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

pH: --

Observations/Notes: Saturated soil but no standing water.

**Location: 29 Gundalow – 2 (Culvert)**

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

pH: 10.0

Observations/Notes: Approx. 6" of flowing water at culvert inlet. Straw wattles placed in culvert.

**Location: 64 Gundalow – 1 (Drainage Course)**

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

pH: 9.3

Observations/Notes: Very small area of accessible flowing water at culvert outlet approx. 0.5" deep. Straw wattles placed in culvert.

**Location: 64 Gundalow – 2 (Drainage Course)**

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

pH: 7.5

Observations/Notes: Intermittent flowing water extending approx. 12" from culvert inlets. Straw wattles placed in culverts.

**Location: 4 Brickyard Circle – 1 (Drainage Course)**

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

pH: 7.0

Observations/Notes: Flowing water into drainage course, max depth approx. 8".

**Location: 4 Brickyard Circle – 2 (Drainage Course)**

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

pH: 7.1

Observations/Notes: Water flowing approx. 2" deep.

**Location: 4 Brickyard Circle – 3 (Drainage Course)**

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

pH: 7.1

Observations/Notes: Water flowing approx. 4" deep.

**OTHER COMMENTS AND OBSERVATIONS**

- None.