

# DRAINAGE MONITORING REPORT

GEOTECHNICAL | ENVIRONMENTAL | ECOLOGICAL | WATER | CONSTRUCTION MANAGEMENT Known for excellence. Built on trust.

TYPE OF INSPECTION:	Daily      Weekly      Storm Event <sup>+</sup> Reduced Frequency <sup>++</sup>			
	Other:			
Date: 04/14/2021 Time: 11	$^{+}$ Was this inspection triggered by a 0.25" storm event? $\Box$ Yes $\boxtimes$ 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 Freque (i.e., Monthly due to dry condition				

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		ENVIRONMENTAL CONSULTANT		
Eversource		GZA GeoEnvironmental, Inc.		
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Eversource Transmission Line:

> F107 - Seacoast Reliability Project

Location:

Newington, New Hampshire

GZA Project No: 04.0190967.00

## CURRENT/RECENT SITE WORK ACTIVITIES / NOTES

• Peat moss socks installed in drainage areas on 29 Gundalow Landing (1), 64 Gundalow Landing (3), and 4 Brickyard Circle (1) since 04/02/2021.

### PHOTOGRAPHS



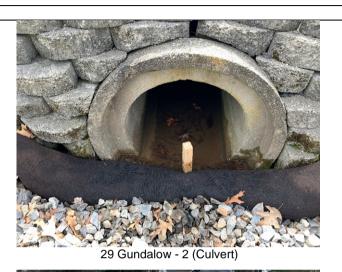
29 Gundalow -1 (Drainage Area)



64 Gundalow - 1 (Drainage Course)



4 Brickyard Circle – 1 (Drainage Course)



64 Gundalow – 2 (Drainage Course)



4 Brickyard Circle – 2 (Drainage Course)

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# 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?       Image: Dry ima				
Observations/Notes:				
Location:       29 Gundalow – 2 (Culvert)         Status of surface water at the time of inspection?       □ Dry       □ Standing       ⊠ Flowing         pH:       12.5				
Observations/Notes: Approx. 6" of flowing water at culvert inlet.				
Location:       64 Gundalow – 1 (Drainage Course)         Status of surface water at the time of inspection?       □ Dry       □ Standing       ⊠ Flowing         pH:       11.6				
Observations/Notes: Intermittently accessible flowing water extending approx. 6" beyond culvert outlet.				
Location:       64 Gundalow – 2 (Drainage Course)         Status of surface water at the time of inspection?       □ Dry       □ Standing       ⊠ Flowing				
pH: <b>7.9</b> Observations/Notes: Area of intermittent water extending approx. 8" from culvert inlets.				
Location: 4 Brickyard Circle – 1 (Drainage Course) Status of surface water at the time of inspection? □ Dry □ Standing ⊠ Flowing pH: 7.5				
Observations/Notes: Flowing water in drainage course extending approx. 18" from culvert outlets, max depth approx. 8".				
Location:       4 Brickyard Circle – 2 (Drainage Course)         Status of surface water at the time of inspection?       □ Dry       □ Standing       ☑ Flowing         pH:       7.3				
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: 7.3				
Observations/Notes: Water flowing approx. 2" deep.				

#### OTHER COMMENTS AND OBSERVATIONS

• None.