

GEOTECHNICAL | ENVIRONMENTAL | ECOLOGICAL | WATER | CONSTRUCTION MANAGEMENT

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TYPE OF INSPECTION:  ☐ Daily ☐ Weekly ☑ Storm Event ☐ Reduced Frequency ☐ Other:					
Date: 8/4/20 Time: 1830 <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): Variable rain and strong wind evening of 8/4  Amount of rainfall (inches): 0.09					
++Reason for Reduced Frequency (i.e., Monthly due to dry conditions):					
Inspector name(s) and title(s): Rebecca Cox, P.E.  Others present/affiliation(s):  Weather conditions (since last inspection): Mostly sunny, no measurable precipitation  Weather conditions (time of inspection): Rain and Wind, Low 70's					
pH Meter Information (make/model): Hanna HI98107					
Calibration Method: 2 Point Date: 8/4/20 Time: 1825 Notes:					

#### **PROJECT TEAM**

PROJECT OWNER

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F107 - Seacoast **Reliability Project** 

Location:

Newington, New Hampshire

**GZA Project No:** 

04.0190967.00

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

• Sod and loam/seed recently applied around drainage area. Watered periodically. No watering occurring at time of inspection.

## **PHOTOGRAPHS**



29 Gundalow -1 (Drainage Area)



29 Gundalow -1 (Drainage Area)



64 Gundalow - 1 (Drainage Course)



64 Gundalow – 2 (Drainage Course)



4 Brickyard Circle – 1 (Drainage Course)

DRAINAGE AREA MONITORING		
Location: 29 Gundalow – 1 (Drainage Area)  Status of surface water at the time of inspection?   □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□	ry   Standing	☐ Flowing
Observations/Notes:		
Location: 29 Gundalow − 2 (Culvert)  Status of surface water at the time of inspection?	ry ☐ Standing	☐ Flowing
pH:		
Observations/Notes: Bottom of culvert observed moist bu	t not sufficient wa	ter to measure pH.
Location: 64 Gundalow − 1 (Drainage Course)  Status of surface water at the time of inspection?  □ □  □  □  □  □  □  □  □  □  □  □  □	ry   Standing	☐ Flowing
Observations/Notes:		
Location: 64 Gundalow – 2 (Drainage Course) Status of surface water at the time of inspection?	ry ⊠ Standing	☐ Flowing
Observations/Notes: Small area of standing water adjace	ent to culvert inlet,	approx. 1" deep
Location: 4 Brickyard Circle – 1 (Drainage Course)  Status of surface water at the time of inspection?   pH: 7.9	ry ⊠ Standing	☐ Flowing
Observations/Notes: ~ 8" of standing water extending ~ 1	2" beyond culvert	outlet in grassed raceway
Location: Knight's Brook – 1 (Upstream in Brook)	ry ☐ Standing	☐ Flowing
Observations/Notes:		
Location: Knight's Brook – 2 (Downstream in Brook) Status of surface water at the time of inspection?	ry ☐ Standing	☐ Flowing
Observations/Notes:		
pH: Not Monitored	<b>ook)</b> ry ☐ Standing	☐ Flowing
Observations/Notes:		
Location: Hannah – 1 (Wetland NW-22)  Status of surface water at the time of inspection?  pH: Not Monitored	ry Standing	☐ Flowing
Observations/Notes:		

Newington, New Hampshire

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Location: Hannah – 2 (Wetland NW-24)			
Status of surface water at the time of inspection?	☐ Dry	☐ Standing	☐ Flowing
pH: Not Monitored	_ ,	_ 0	
Observations/Notes:			
Location: Flynn Pit – 1 (Wetland NW-4) Status of surface water at the time of inspection? pH: Not Monitored	☐ Dry	☐ Standing	☐ Flowing
Observations/Notes:			
Location: Status of surface water at the time of inspection? pH: Observations/Notes:	□ Dry	☐ Standing	☐ Flowing
OTHER COMMENTS AND OBSERVATIONS			
• None			



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TYPE OF INSPECTION: ☐ Daily ☐ Weekly ☐ Storm Event ☐ Reduced Frequency ☐ Other:					
Date: 8/5/2020 Time: 0930 <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): Mostly cloudy and windy to fair					
Weather conditions (time of inspection): Sunny, High 70's					
pH Meter Information (make/model): Hanna HI98107					
Calibration Method: 2 Point Date: 8/5/20 Time: 0925					
Notes:					

Eversource Transmission Line:

F107 - Seacoast Reliability Project

Location:

Newington, New Hampshire

GZA Project No:

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#### **PROJECT TEAM**

#### PROJECT OWNER

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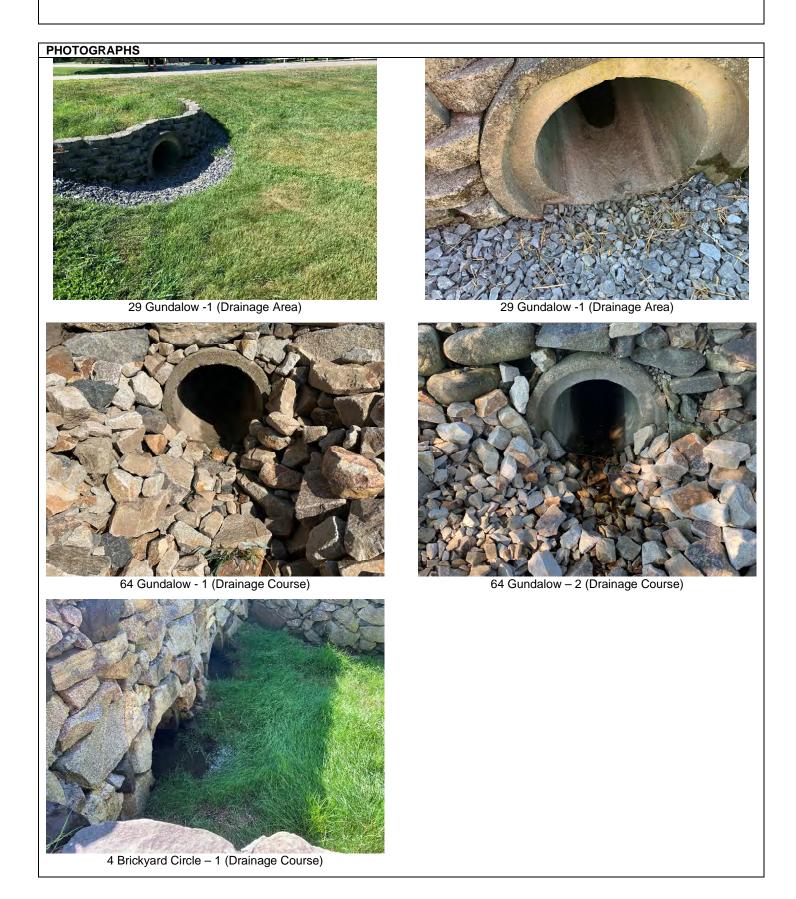
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## **CURRENT/RECENT SITE WORK ACTIVITIES / NOTES**

• Sod and loam/seed recently applied around drainage area. Watered periodically. No watering occurring at time of inspection.



DRAINAGE AREA MONITORING
Location: 29 Gundalow – 1 (Drainage Area)  Status of surface water at the time of inspection?
Observations/Notes:
Location: 29 Gundalow – 2 (Culvert)  Status of surface water at the time of inspection?  ☐ Dry ☐ Standing ☐ Flowing  pH:
Observations/Notes: Bottom of culvert observed to be moist but not sufficient water to measure pH
Location: 64 Gundalow – 1 (Drainage Course)  Status of surface water at the time of inspection?   □ Dry □ Standing □ Flowing  □ Plowing
Observations/Notes:
Location: 64 Gundalow – 2 (Drainage Course)  Status of surface water at the time of inspection? ☐ Dry ☑ Standing ☐ Flowing  pH: 6.6
Observations/Notes: Small area of standing water adjacent to culvert inlet, approx. 1" deep
Location: 4 Brickyard Circle − 1 (Drainage Course)  Status of surface water at the time of inspection? □ Dry ☑ Standing □ Flowing  pH: 7.1
Observations/Notes: ~ 8" of standing water extending ~ 12" beyond culvert outlet in grassed raceway
Location: Knight's Brook − 1 (Upstream in Brook) Status of surface water at the time of inspection? □ Dry □ Standing □ Flowing
pH: Not Monitored
Observations/Notes:
Location: Knight's Brook − 2 (Downstream in Brook)  Status of surface water at the time of inspection? □ Dry □ Standing □ Flowing  pH: Not Monitored
Observations/Notes:
Location: Knight's Brook – 3 (Above Duct Bank in Brook)  Status of surface water at the time of inspection? ☐ Dry ☐ Standing ☐ Flowing  pH: Not Monitored
Observations/Notes:
Location: Hannah – 1 (Wetland NW-22)  Status of surface water at the time of inspection? ☐ Dry ☐ Standing ☐ Flowing  pH: Not Monitored
Observations/Notes:

Newington, New Hampshire

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Location: Hannah – 2 (Wetland NW-24)			
Status of surface water at the time of inspection?	☐ Dry	☐ Standing	☐ Flowing
pH: Not Monitored	_ ,	_ 0	
Observations/Notes:			
Location: Flynn Pit – 1 (Wetland NW-4) Status of surface water at the time of inspection? pH: Not Monitored	☐ Dry	☐ Standing	☐ Flowing
Observations/Notes:			
Location: Status of surface water at the time of inspection? pH: Observations/Notes:	□ Dry	☐ Standing	☐ Flowing
OTHER COMMENTS AND OBSERVATIONS			
• None			



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**Reliability Project** 

Location:

**Newington, New** Hampshire

**GZA Project No:** 

04.0190967.00

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

4 Brickyard Circle – 1 (Drainage Course)

• Sod and loam/seed recently applied around drainage area. Watering occurring at time of inspection.

# **PHOTOGRAPHS** 29 Gundalow -1 (Drainage Area) 29 Gundalow -1 (Drainage Area) 64 Gundalow - 1 (Drainage Course) 64 Gundalow – 2 (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:	
Location: 29 Gundalow – 2 (Culvert)  Status of surface water at the time of inspection?   □ Dry □ Standing □ Flowing  □ Plowing	
Observations/Notes: Bottom of culvert observed to be moist but not sufficient water to measure pH	
Location: 64 Gundalow – 1 (Drainage Course)  Status of surface water at the time of inspection?	
Observations/Notes:	
Location: 64 Gundalow − 2 (Drainage Course)  Status of surface water at the time of inspection? □ Dry ☑ Standing □ Flowing  pH: 6.6	
Observations/Notes: Small area of standing water adjacent to culvert inlet, approx. 1" deep	
Location: 4 Brickyard Circle – 1 (Drainage Course)  Status of surface water at the time of inspection? ☐ Dry ☐ Standing ☐ Flowing  pH: 7.3	
Observations/Notes: ~ 8" of standing water extending ~ 12" beyond culvert outlet in grassed raceway	
Location: Knight's Brook − 1 (Upstream in Brook) Status of surface water at the time of inspection? □ Dry □ Standing □ Flowing  pH: Not Monitored	
Observations/Notes:	
Location: Knight's Brook – 2 (Downstream in Brook) Status of surface water at the time of inspection?	
Location: Knight's Brook – 3 (Above Duct Bank in Brook) Status of surface water at the time of inspection?   Dry Standing Flowing	
pH: Not Monitored	
Observations/Notes:	
Location: Hannah – 1 (Wetland NW-22)  Status of surface water at the time of inspection?	
Observations/Notes:	

Newington, New Hampshire

Page 4 of 4

Location: Hannah – 2 (Wetland NW-24)			
Status of surface water at the time of inspection?	☐ Dry	☐ Standing	☐ Flowing
pH: Not Monitored			
Observations/Notes:			
Location: Flynn Pit – 1 (Wetland NW-4)			
Status of surface water at the time of inspection?	☐ Dry	☐ Standing	☐ Flowing
pH: Not Monitored			
Observations/Notes:			
Location:			
		Ctonding	□ Flouring
Status of surface water at the time of inspection?	⊔ ыу	☐ Standing	Flowing
pH:			
Observations/Notes:			
OTHER COMMENTS AND OBSERVATIONS			
<ul> <li>Watering occurring in the vicinity of 64 Gundalow – 1 at time of inspection.</li> </ul>			