



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⁺ Reduced Frequency⁺⁺
 Other:

Date: **03/23/2021** Time: **1440** ⁺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, no measurable precipitation

Weather conditions (time of inspection): Sunny, Low 60's

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

Calibration Method: 2 Point

Date: **03/23/2021** Time: **1355**

Notes:

PROJECT TEAM

PROJECT OWNER

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CURRENT/RECENT SITE WORK ACTIVITIES / NOTES

- Active construction/earthwork occurring in adjacent parking lot.

PHOTOGRAPHS



UNH Wetland - 1 (Stormwater Area)



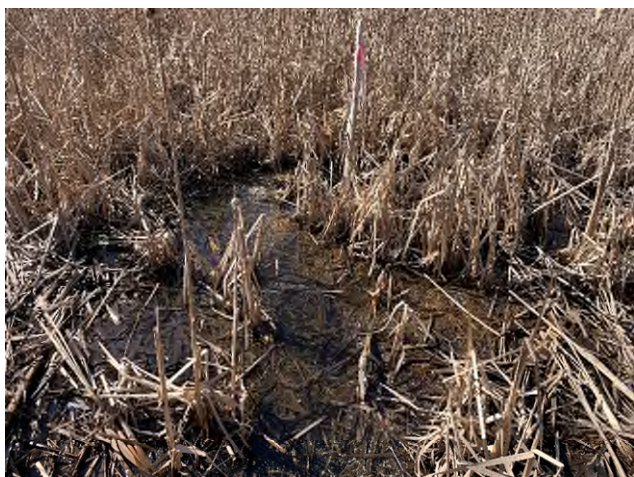
UNH Wetland - 2 (Stormwater Area)



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? <input checked="" type="checkbox"/> Dry <input type="checkbox"/> Standing <input type="checkbox"/> Flowing pH: -- Observations/Notes:	
Location: UNH Wetland – 2 (Stormwater Area) Status of surface water at the time of inspection? <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Standing <input type="checkbox"/> Flowing pH: 7.6 Observations/Notes: Approx. 2" standing water.	
Location: UNH Wetland – 3 (Cattail Wetland) Status of surface water at the time of inspection? <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Standing <input type="checkbox"/> Flowing pH: 7.0 Observations/Notes: Approx. 4" standing water.	
Location: UNH Wetland – 4 (Cattail Wetland) Status of surface water at the time of inspection? <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Standing <input type="checkbox"/> Flowing pH: 6.6 Observations/Notes: Approx. 6" standing water.	
Location: UNH Wetland – 5 (Cattail Wetland) Status of surface water at the time of inspection? <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Standing <input type="checkbox"/> Flowing pH: 6.7 Observations/Notes: Approx. 6" standing water.	
Location: UNH Wetland – 6 (Cattail Wetland) Status of surface water at the time of inspection? <input checked="" type="checkbox"/> Dry <input type="checkbox"/> Standing <input type="checkbox"/> Flowing pH: -- Observations/Notes: Soil saturated with some minimal standing water, not enough to obtain pH measurement.	
Location: College Brook – 1 (Upstream in Brook) Status of surface water at the time of inspection? <input type="checkbox"/> Dry <input type="checkbox"/> Standing <input type="checkbox"/> Flowing pH: Not Monitored Observations/Notes:	
Location: College Brook – 2 (Downstream in Brook) Status of surface water at the time of inspection? <input type="checkbox"/> Dry <input type="checkbox"/> Standing <input type="checkbox"/> Flowing pH: Not Monitored Observations/Notes:	

Location: CB – 1 (Catch Basin)

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

pH: **Not Monitored**

Observations/Notes:

Location: CB – 2 (Catch Basin)

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

pH: **Not Monitored**

Observations/Notes:

Location: RG – 1 (Rain Garden)

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

pH: **Not Monitored**

Observations/Notes:

Location: A Lot – 1 (Drainage Swale)

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

pH: **Not Monitored**

Observations/Notes:

Location: Reservoir Brook – 1 (Brook)

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

pH: **Not Monitored**

Observations/Notes:

Location:

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

pH:

Observations/Notes:

OTHER COMMENTS AND OBSERVATIONS

- Thin layer of surface ice at monitoring locations UNH Wetland – 2 through UNH Wetland – 5.