



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: **04/30/2021** Time: **0900** ⁺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 light rain beginning morning of 4/28 continuing through early morning of 4/30

Amount of rainfall (inches): 0.87

++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

Weather conditions (time of inspection): Cloudy, Low 50's

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

Calibration Method: 2 Point

Date: **04/30/2021** Time: **0820**

Notes:

PROJECT TEAM

PROJECT OWNER

Eversource

Attn: Dena Champy-Project Manager
Phone: 508-954-2736
Email: dena.champy@eversource.com

Attn: Kurt Nelson-Permitting Specialist
Phone: 603-714-3031
Email: kurt.nelson@eversource.com

Attn: Tom Meister
Phone: 339-987-7901
Email: thomas.meister@eversource.com

Attn: Sam Eames
Phone: 603-915-0073
Email: samual.eames@eversource.com

EVERSOURCE COMPLIANCE

Attn: Matt Cardin
Phone: 603-988-6635
Email: matthew.cardin@eversource.com

FIELD SERVICES SAFETY MANAGER

Transmission ROW

Attn: Joshua Scott
Phone: 603-848-7759
Email: joshua.scott@eversource.com

ENVIRONMENTAL CONSULTANT

GZA GeoEnvironmental, Inc.

Attn: Deborah Zarta Gier
Phone: 603-380-5024
Email: Deborah.zartagier@gza.com

Attn: Rebecca Cox
Phone: 603-315-7520
Email: rebecca.cox@gza.com

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? 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: 7.1

Observations/Notes: Standing water approx. 3" deep.

Location: UNH Wetland – 3 (Cattail Wetland)

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

pH: 7.0

Observations/Notes: Standing water approx. 6" deep.

Location: UNH Wetland – 4 (Cattail Wetland)

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

pH: 7.0

Observations/Notes: Standing water approx. 6" 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. 5" deep.

Location: UNH Wetland – 6 (Cattail Wetland)

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

pH: 6.7

Observations/Notes: Small area of standing water approx. 1" deep.

OTHER COMMENTS AND OBSERVATIONS

- None.