



DRAINAGE MONITORING REPORT

GEOTECHNICAL | ENVIRONMENTAL | ECOLOGICAL | WATER | CONSTRUCTION MANAGEMENT

Known for excellence. Built on trust.

Eversource Transmission Line:

F107 - Seacoast Reliability Project

Location:

Newington, New Hampshire

GZA Project No:

04.0190967.00

TYPE OF INSPECTION:

- Daily Weekly Storm Event⁺ Reduced Frequency⁺⁺
 Other:

Date: **6/5/20** Time: **1250** ⁺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):

Rebecca Cox, Senior Project Manager and Matt Deane, Technical Specialist

Others present/affiliation(s):

Weather conditions (since last inspection):

No recent rain

Weather conditions (time of inspection):

Mostly sunny, low 80's

pH Meter Information (make/model):

Oakton PCTS 50

Calibration Method: 3 Point

Date: **6/5/20** Time: **1250**

Notes:

PROJECT TEAM

PROJECT OWNER

Eversource

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CURRENT/RECENT SITE WORK ACTIVITIES / NOTES

- New hydroseed in vicinity of 29 Gundalow – 1 & 2, adjacent lawn area being watered at time of inspection

PHOTOGRAPHS



29 Gundalow -1 (Drainage Area)



29 Gundalow -2 (Culvert)



64 Gundalow – 1 (Drainage Course)



64 Gundalow -2 (Drainage Course)



4 Brickyard – 1 (Drainage Course)



Hannah – 1 (Wetland NW-22)

PHOTOGRAPHS



Hannah – 2 (Wetland NW-24)



Flynn Pit – 1 (Wetland NW-4)

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

pH: **9.2**

Observations/Notes: Less than 0.5" if standing water in culvert

Location: 64 Gundalow – 1 (Drainage Course)

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

pH: **7.5**

Observations/Notes:

Location: 64 Gundalow – 2 (Drainage Course)

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

pH: **6.1**

Observations/Notes: Reading taken in culvert, with >0.5" of water. No surficial water in front of culvert inlet

Location: 4 Brickyard Circle – 1 (Drainage Course)

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

pH: **6.7**

Observations/Notes:

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: --

Observations/Notes:

Location: Hannah – 2 (Wetland NW-24)

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

pH: 7.2

Observations/Notes: Pockets of standing water in wetland

Location: Flynn Pit – 1 (Wetland NW-4)

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

pH: 7.3

Observations/Notes:

Location:

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

pH:

Observations/Notes:

OTHER COMMENTS AND OBSERVATIONS

- None



DRAINAGE MONITORING REPORT

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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⁺ Reduced Frequency⁺⁺
 Other:

Date: **6/7/2020** 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): **Overnight rain**

Amount of rainfall (inches): **0.21"**

++Reason for Reduced Frequency
(i.e., Monthly due to dry conditions):

Inspector name(s) and title(s): Rebecca Cox, Senior Project Manager

Others present/affiliation(s):

Weather conditions (since last inspection): Overnight rain showers, dry during day yesterday

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

pH Meter Information (make/model): Oakton PCTS 50

Calibration Method: 3 Point
Date: **6/7/20** Time: **0850**

Notes:

PROJECT TEAM

PROJECT OWNER

Eversource

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CURRENT/RECENT SITE WORK ACTIVITIES / NOTES

- 29 Gundalow resident periodically watering new grass/sod. No activity at time of inspection

PHOTOGRAPHS



29 Gundalow -1 (Drainage Area)



29 Gundalow -2 (Culvert)



64 Gundalow - 1 (Drainage Course)



64 Gundalow -2 (Drainage Course)

PHOTOGRAPHS



64 Gundalow -2 (Drainage Course)



4 Brickyard – 1 (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: No water at surface

Location: 29 Gundalow – 2 (Culvert)

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

pH: 8.8

Observations/Notes: ~0.5" of standing water in culvert

Location: 64 Gundalow – 1 (Drainage Course)

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

pH: 7.7

Observations/Notes: Standing water just after culvert outlet. No other surficial water observed in drainage course.

Location: 64 Gundalow – 2 (Drainage Course)

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

pH: 6.6

Observations/Notes: ~1.5" of standing water at entrance to Brickyard culvert

Location: 4 Brickyard Circle – 1 (Drainage Course)

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

pH: 6.7

Observations/Notes:

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:

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:

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

pH:

Observations/Notes:

OTHER COMMENTS AND OBSERVATIONS

- None



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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⁺ Reduced Frequency⁺⁺
 Other:

Date: **6/8/2020** Time: **1015** ⁺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): No measurable precipitation

Weather conditions (time of inspection): Sunny, Low 70's

pH Meter Information (make/model): Hanna HI98107

Calibration Method: 2 Point
Date: **6/8/20** Time: **1010**

Notes: new meter

PROJECT TEAM

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CURRENT/RECENT SITE WORK ACTIVITIES / NOTES

- 29 Gundalow resident periodically watering new grass/sod. No activity at time of inspection

PHOTOGRAPHS



29 Gundalow -1 (Drainage Area)



29 Gundalow -2 (Culvert)



64 Gundalow - 1 (Drainage Course)



64 Gundalow -2 (Drainage Course)



64 Gundalow -2 (Drainage Course)



4 Brickyard - 1 (Drainage Course)

PHOTOGRAPHS



Hannah 1 – (Wetland NW-22)



Hannah 2 – (Wetland NW-24)



Flynn Pit 1 – (Wetland NW-4)

DRAINAGE AREA MONITORING

Location: 29 Gundalow – 1 (Drainage Area)

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

pH: ---

Observations/Notes: No water at surface

Location: 29 Gundalow – 2 (Culvert)

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

pH: **6.8**

Observations/Notes: Less than 0.5" of standing water in culvert

Location: 64 Gundalow – 1 (Drainage Course)

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

pH: **7.4**

Observations/Notes: Water pooled approximately 18" from end of culvert. No other surficial water observed in drainage course.

Location: 64 Gundalow – 2 (Drainage Course)

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

pH: **6.5**

Observations/Notes: Less than 0.5" of standing water at entrance to Brickyard culvert

Location: 4 Brickyard Circle – 1 (Drainage Course)

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

pH: **6.9**

Observations/Notes:

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: ---

Observations/Notes:

Location: Hannah – 2 (Wetland NW-24)

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

pH: **6.8**

Observations/Notes: Mostly dry, some small pockets of standing water less than 1" deep

Location: Flynn Pit – 1 (Wetland NW-4)

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

pH: **6.3**

Observations/Notes: ~3" standing water

Location:

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

pH:

Observations/Notes:

OTHER COMMENTS AND OBSERVATIONS

- None



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F107 - Seacoast Reliability Project

Location:

Newington, New Hampshire

GZA Project No:

04.0190967.00

TYPE OF INSPECTION:

- Daily Weekly Storm Event⁺ Reduced Frequency⁺⁺
 Other:

Date: **6/9/2020** Time: **0910** ⁺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): No measurable precipitation

Weather conditions (time of inspection): Overcast, Mid 60's

pH Meter Information (make/model): Hanna HI98107

Calibration Method: 2 Point
Date: **6/9/20** Time: **0830**

Notes:

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CURRENT/RECENT SITE WORK ACTIVITIES / NOTES

- 29 Gundalow resident periodically watering new grass/sod. No activity at time of inspection

PHOTOGRAPHS



29 Gundalow -1 (Drainage Area)



29 Gundalow -2 (Culvert)



64 Gundalow - 1 (Drainage Course)



64 Gundalow -2 (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? Dry Standing Flowing

pH: ---

Observations/Notes: No water at surface

Location: 29 Gundalow – 2 (Culvert)

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

pH: **8.0**

Observations/Notes: Less than 0.5" of standing water in culvert

Location: 64 Gundalow – 1 (Drainage Course)

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

pH: **7.5**

Observations/Notes: Water pooled approximately 12" from end of culvert. No other surficial water observed in drainage course.

Location: 64 Gundalow – 2 (Drainage Course)

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

pH: **6.1**

Observations/Notes: Less than 0.5" of standing water inside Brickyard culvert

Location: 4 Brickyard Circle – 1 (Drainage Course)

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

pH: **6.9**

Observations/Notes:

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:

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:

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

pH:

Observations/Notes:

OTHER COMMENTS AND OBSERVATIONS

- None



DRAINAGE MONITORING REPORT

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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⁺ Reduced Frequency⁺⁺
 Other:

Date: **6/10/2020** Time: **0850** ⁺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): No measurable precipitation

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

pH Meter Information (make/model): Oakton PCTS 50

Calibration Method: 3 Point

Date: **6/10/20** Time: **0730**

Notes:

PROJECT TEAM

PROJECT OWNER

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CURRENT/RECENT SITE WORK ACTIVITIES / NOTES

- 29 Gundalow resident periodically watering new grass/sod. No activity at time of inspection

PHOTOGRAPHS



29 Gundalow -1 (Drainage Area)



29 Gundalow -2 (Culvert)



64 Gundalow - 1 (Drainage Course)



64 Gundalow -2 (Drainage Course)



64 Gundalow - 2 (Drainage Course)



4 Brickyard Circle - 1 (Drainage Course)

PHOTOGRAPHS



Knight's Brook – 1 (Upstream in Brook)



Knights Brook – 2 (Downstream in Brook)



Knight's Brook – 3 (Above Duct Bank in Brook)



Hannah – 1 (Wetland NW-22)



Hannah – 2 (Wetland NW-24)



Flynn Pit (Wetland NW-4)

DRAINAGE AREA MONITORING

Location: 29 Gundalow – 1 (Drainage Area)

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

pH: ---

Observations/Notes: No water at surface

Location: 29 Gundalow – 2 (Culvert)

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

pH: 8.3

Observations/Notes: ~ 1" of standing water in culvert

Location: 64 Gundalow – 1 (Drainage Course)

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

pH: 7.7

Observations/Notes: Water pooled approximately 1" from end of culvert. No other surficial water observed in drainage course.

Location: 64 Gundalow – 2 (Drainage Course)

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

pH: 6.7

Observations/Notes: Less than 0.5" of standing water inside Brickyard culvert

Location: 4 Brickyard Circle – 1 (Drainage Course)

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

pH: 6.9

Observations/Notes:

Location: Knight's Brook – 1 (Upstream in Brook)

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

pH: 7.3

Observations/Notes:

Location: Knight's Brook – 2 (Downstream in Brook)

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

pH: 7.5

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: 7.4

Observations/Notes:

Location: Hannah – 1 (Wetland NW-22)

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

pH: --

Observations/Notes:

Location: Hannah – 2 (Wetland NW-24)

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

pH: **7.3**

Observations/Notes:

Location: Flynn Pit – 1 (Wetland NW-4)

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

pH: **7.1**

Observations/Notes: Small isolated pockets of surface water

Location:

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

pH:

Observations/Notes:

OTHER COMMENTS AND OBSERVATIONS

- None



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⁺
 Reduced Frequency⁺⁺
 Other:

Date: **6/11/2020** Time: **1400** ⁺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):

Amount of rainfall (inches): 0.14

++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): None

Weather conditions (since last inspection): Cloudy, intermittent rain, some heavy on 6/11 from 1000 to 1400

Weather conditions (time of inspection): Light Rain, Low 70's

pH Meter Information (make/model): Oakton PCTS 50

Calibration Method: 3 Point

Date: **6/11/20** Time: **0950**

Notes: Calibration check @ 1400

PROJECT TEAM

PROJECT OWNER

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FIELD SERVICES SAFETY MANAGER

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Email: lucas.turcotte@gza.com

CURRENT/RECENT SITE WORK ACTIVITIES / NOTES

- 29 Gundalow resident periodically watering new grass/sod. No activity at time of inspection

PHOTOGRAPHS



29 Gundalow -1 (Drainage Area)



29 Gundalow -2 (Culvert)



64 Gundalow - 1 (Drainage Course)



64 Gundalow -2 (Drainage Course)



64 Gundalow - 2 (Drainage Course)



4 Brickyard Circle - 1 (Drainage Course)

PHOTOGRAPHS



Knight's Brook – 1 (Upstream in Brook)



Knight's Brook – 2 (Downstream in Brook)



Knight's Brook – 3 (Above Duct Bank in Brook)



Hannah – 1 (Wetland NW-22)



Hannah – 2 (Wetland NW-24)



Flynn Pit (Wetland NW-4)

DRAINAGE AREA MONITORING

Location: 29 Gundalow – 1 (Drainage Area)

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

pH: ---

Observations/Notes: No water at surface

Location: 29 Gundalow – 2 (Culvert)

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

pH: 7.4

Observations/Notes: ~ 1" of standing water in culvert

Location: 64 Gundalow – 1 (Drainage Course)

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

pH: 7.3

Observations/Notes: Water pooled approximately 48" from end of culvert. No other surficial water observed in drainage course.

Location: 64 Gundalow – 2 (Drainage Course)

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

pH: 6.2

Observations/Notes: ~ 1" of standing water inside Brickyard culvert

Location: 4 Brickyard Circle – 1 (Drainage Course)

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

pH: 6.8

Observations/Notes:

Location: Knight's Brook – 1 (Upstream in Brook)

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

pH: 7.0

Observations/Notes:

Location: Knight's Brook – 2 (Downstream in Brook)

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

pH: 7.2

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: 7.2

Observations/Notes:

Location: Hannah – 1 (Wetland NW-22)

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

pH: --

Observations/Notes:

Location: Hannah – 2 (Wetland NW-24)

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

pH: **6.8**

Observations/Notes:

Location: Flynn Pit – 1 (Wetland NW-4)

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

pH: **6.9**

Observations/Notes: Small isolated pockets of surface water

Location:

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

pH:

Observations/Notes:

OTHER COMMENTS AND OBSERVATIONS

- No rain related flow observed in Gundalow drainage areas, minor increases in rain related standing water



DRAINAGE MONITORING REPORT

GEOTECHNICAL | ENVIRONMENTAL | ECOLOGICAL | WATER | CONSTRUCTION MANAGEMENT

Known for excellence. Built on trust.

Eversource Transmission Line:

F107 - Seacoast Reliability Project

Location:

Newington, New Hampshire

GZA Project No:

04.0190967.00

TYPE OF INSPECTION:

- Daily Weekly Storm Event⁺ Reduced Frequency⁺⁺
 Other:

Date: 6/12/2020 Time: 0955 ⁺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): No measurable precipitation

Weather conditions (time of inspection): Sunny, Mid 70's

pH Meter Information (make/model): Oakton PCTS 50

Calibration Method: 3 Point

Date: 6/12/20 Time: 0950

Notes:

PROJECT TEAM

PROJECT OWNER

Eversource

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CURRENT/RECENT SITE WORK ACTIVITIES / NOTES

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29 Gundalow -1 (Drainage Area)



29 Gundalow -2 (Culvert)



64 Gundalow - 1 (Drainage Course)



64 Gundalow -2 (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? Dry Standing Flowing

pH: ---

Observations/Notes: No water at surface

Location: 29 Gundalow – 2 (Culvert)

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

pH: **7.0**

Observations/Notes: Standing water approx. 2" deep, extending 8" from end of inlet

Location: 64 Gundalow – 1 (Drainage Course)

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

pH: **7.0**

Observations/Notes: Standing water approx. 3-4" deep, pooled approx. 18" from end of culvert. No other surficial water observed in drainage course.

Location: 64 Gundalow – 2 (Drainage Course)

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

pH: **6.3**

Observations/Notes: Less than 0.5" of standing water inside Brickyard culvert

Location: 4 Brickyard Circle – 1 (Drainage Course)

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

pH: **6.6**

Observations/Notes:

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:

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:

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

pH:

Observations/Notes:

OTHER COMMENTS AND OBSERVATIONS

- None