

EVERSOURCE ENERGY
SEACOAST RELIABILITY PROJECT
TABLE 1
pH Monitoring
Newington and Durham, New Hampshire

| | WEEK 1 | | | | | | | WEEK 2 | | | | | WEEK 3 | | | | | WEEK 4 | | | | | WEEK 5 | | WEEK 6 | | WEEK 7 | WEEK 8 | | | |
|--|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|----|
| | June 5, 2020 | June 7, 2020 | June 8, 2020 | June 9, 2020 | June 10, 2020 | June 11, 2020 | June 12, 2020 | June 15, 2020 | June 16, 2020 | June 17, 2020 | June 18, 2020 | June 19, 2020 | June 22, 2020 | June 23, 2020 | June 24, 2020 | June 25, 2020 | June 26, 2020 | June 29, 2020 | June 30, 2020 | July 1, 2020 | July 2, 2020 | July 3, 2020 | July 6, 2020 | July 9, 2020 | July 14, 2020 | July 17, 2020 | July 23, 2020 | July 29, 2020 | July 30, 2020 | July 31, 2020 | |
| NEWINGTON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 Gundalow - 1 (Drainage Area) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10.0 | 9.6 | 9.5 | 9.3 | 8.6 | 8.5 | NM | NM | NM | -- | -- | -- | |
| 29 Gundalow - 2 (Culvert) | 9.2 | 8.8 | 6.8 | 8.0 | 8.3 | 7.4 | 7.0 | 8.2 | 8.3 | 7.8 | 7.3 | 7.9 | 7.9 | 7.9 | 7.6 | 8.0 | 7.9 | 8.0 | 9.3 | 9.5 | 9.2 | 9.2 | 8.6 | 8.5 | 10.1 | 9.5 | 8.4 | -- | -- | -- | |
| 64 Gundalow - 1 (Drainage Course) | 7.5 | 7.7 | 7.4 | 7.5 | 7.7 | 7.3 | 7.0 | -- | -- | -- | -- | -- | -- | 7.7 | -- | -- | -- | -- | 8.6 | 8.7 | 8.6 | 8 | 7.7 | 7.6 | NM | -- | -- | -- | -- | -- | |
| 64 Gundalow - 2 (Drainage Course) | 6.1 | 6.6 | 6.5 | 6.1 | 6.7 | 6.2 | 6.3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5.6 | 8.2 | 6.6 | 6.3 | 6.6 | 6.4 | NM | 7.2 | 7.0 | 6.6 | 6.9 | 6.7 | |
| 4 Brickyard - 1 (Drainage Course) | 6.7 | 6.7 | 6.9 | 6.9 | 6.9 | 6.8 | 6.6 | 7.3 | -- | 7.0 | -- | -- | -- | -- | -- | -- | -- | -- | 6.3 | 7.0 | 6.7 | 6.7 | 6.9 | 6.9 | 7.0 | 7.1 | 7.0 | 6.8 | 7.1 | 7.0 | |
| Knight's Brook - 1 (Upstream in Brook) | NM | NM | NM | NM | 7.3 | 7.0 | NM | NM | 7.0 | NM | NM | 7.0 | NM | NM | 7.2 | 7.1 | NM | NM | 7.1 | 6.9 | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | |
| Knight's Brook - 2 (Downstream in Brook) | NM | NM | NM | NM | 7.5 | 7.2 | NM | NM | 7.5 | NM | NM | 7.4 | NM | NM | 7.3 | 7.2 | NM | NM | 7.2 | 7.0 | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | |
| Knight's Brook - 3 (Above Duct Bank in Brook) | NM | NM | NM | NM | 7.4 | 7.2 | NM | NM | 7.3 | NM | NM | 7.2 | NM | NM | 7.2 | 7.2 | NM | NM | 7.2 | 7.1 | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | |
| Hannah - 1 (Wetland NW-22) | -- | NM | -- | NM | -- | -- | NM | NM | -- | NM | NM | -- | NM | NM | -- | -- | NM | NM | -- | 6.3 | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | |
| Hannah - 2 (Wetland NW-24) | 7.2 | NM | 6.8 | NM | 7.3 | 6.8 | NM | NM | 7.1 | NM | NM | -- | NM | NM | -- | -- | NM | NM | -- | 6.5 | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | |
| Flynn Pit - 1 (Wetland NW-4) | 7.3 | NM | 6.3 | NM | 7.1 | 6.9 | NM | NM | 7.6 | NM | NM | 6.5 | NM | NM | 6.4 | 5.8 | NM | NM | 5.8 | 6.3 | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | |
| DURHAM/UNH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UNH Wetland - 1 (Stormwater Area) | -- | 7.8 | 9.0 | -- | -- | 7.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | NM | NM |
| UNH Wetland - 2 (Stormwater Area) | -- | 7.7 | 8.7 | 8.0 | 8.8 | 7.5 | 7.5 | -- | -- | -- | -- | 8.1 | -- | -- | -- | -- | -- | -- | 8.1 | 7.3 | 8.7 | 8.7 | -- | -- | 8.3 | -- | 8.7 | -- | NM | NM | |
| UNH Wetland - 3 (Cattail Wetland) | -- | 6.7 | 7.6 | -- | -- | 6.6 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.8 | 7.8 | 7.8 | 7.5 | 7.5 | 7.6 | 7.5 | 7.5 | -- | NM | NM | |
| UNH Wetland - 4 (Cattail Wetland) | 6.5 | 6.8 | 6.8 | 6.8 | 6.7 | 6.5 | 6.7 | 6.3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.6 | 6.7 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 6.7 | -- | NM | NM | |
| UNH Wetland - 5 (Cattail Wetland) | 6.2 | 6.7 | 6.9 | 6.5 | 6.5 | 6.2 | 6.3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.9 | 6.9 | 6.9 | 6.7 | 6.6 | 6.9 | 6.9 | 6.6 | -- | NM | NM | |
| UNH Wetland - 6 (Cattail Wetland) | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | NM | NM | |
| College Brook - 1 (Upstream in Brook) | 7.3 | 7.1 | 7.9 | 7.4 | 7.4 | 7.4 | 7.3 | 7.7 | 7.7 | 7.7 | 7.5 | 7.7 | 7.6 | 7.7 | 7.7 | 7.7 | 7.7 | 7.6 | 7.5 | 7.3 | 7.4 | 7.4 | 7.5 | NM | NM | NM | NM | NM | NM | NM | |
| College Brook - 2 (Downstream in Brook) | 7.2 | 7.3 | 7.8 | 7.2 | 7.3 | 7.2 | 7.2 | 7.5 | 7.5 | 7.5 | 7.3 | 7.6 | 7.5 | 7.5 | 7.3 | 7.4 | 7.4 | 7.4 | 7.2 | 7.0 | 7.2 | 7.3 | 7.4 | NM | NM | NM | NM | NM | NM | NM | |
| CB-1 (Catch Basin) | 6.8 | 7.1 | 7.3 | 7.1 | 7.3 | 7.5 | 7.2 | 7.4 | 7.3 | 7.3 | 7.5 | 7.5 | 7.5 | 7.5 | 7.2 | 7.3 | 7.4 | 7.2 | 6.3 | 6.5 | 6.5 | 6.5 | 6.7 | NM | NM | NM | NM | NM | NM | NM | |
| CB-2 (Catch Basin) | 6.6 | 6.7 | 7.2 | 6.8 | 6.9 | 7.3 | 6.8 | 6.8 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.6 | 6.8 | 6.7 | 6.7 | 6.6 | 6.4 | 6.6 | 6.7 | 6.8 | 6.8 | NM | NM | NM | NM | NM | NM | NM | |
| RG - 1 (Rain Garden) | 6.9 | 7.2 | 7.1 | 7.0 | 7.2 | 7.2 | 7.3 | 7.4 | 7.3 | 7.3 | 7.2 | 7.3 | 7.0 | 7.0 | 7.2 | 7.3 | 7.2 | 7.2 | 4.3 | 4.3 | 4.2 | 4.4 | 5.7 | 6.3 | NM | NM | NM | NM | NM | NM | |
| A Lot - 1 (Drainage Swale) | -- | -- | NM | NM | -- | -- | NM | NM | -- | NM | NM | -- | NM | NM | -- | -- | NM | NM | -- | -- | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | |
| Reservoir Brook (Brook) | 7.2 | 7.0 | NM | NM | 7.5 | 7.1 | NM | NM | 7.6 | NM | NM | 7.7 | NM | NM | 7.6 | 7.6 | NM | NM | 7.2 | 6.9 | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | |

Notes
1) "NM" indicates location not monitored on this date.
2) "--" indicates area monitored but dry
3) Refer to Daily Drainage Monitoring Report for additional information

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| | WEEK 32 | WEEK 33 | | WEEK 34 | WEEK 35 | WEEK 36 | WEEK 37 | WEEK 38 | WEEK 39 | WEEK 40 | WEEK 41 | WEEK 42 | | WEEK 43 |
|--|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|---------------|----------------|----------------|----------------|----------------|---------------|---------------|
| | January 12, 2021 | January 17, 2021 | January 22, 2021 | January 28, 2021 | February 3, 2021 | February 16, 2021 | February 23, 2021 | March 1, 2021 | March 11, 2021 | March 19, 2021 | March 23, 2021 | March 29, 2021 | April 2, 2021 | April 8, 2021 |
| NEWINGTON | | | | | | | | | | | | | | |
| 29 Gundalow - 1 (Drainage Area) | -- | -- | -- | -- | -- | -- | -- | 6.2 | 6.3 | -- | -- | 6.0 | -- | -- |
| 29 Gundalow - 2 (Culvert) | 12.6 | 12.0 | 12.6 | 12.4 | FZ | FZ | 12.3 | 10.3 | 12.1 | 11.9 | 12.4 | 12.0 | 12.1 | 12.6 |
| 64 Gundalow - 1 (Drainage Course) | 12.1 | 11.5 | 12.2 | FZ | FZ | 11.0 | 12.1 | 10.1 | 11.8 | 11.7 | 12.1 | 11.4 | 11.3 | 12.1 |
| 64 Gundalow - 2 (Drainage Course) | 10.6 | 10.3 | 10.5 | 10.7 | FZ | 10.5 | 10.5 | 9.6 | 10.4 | 10.1 | 10.3 | 9.9 | 9.2 | 8.1 |
| 4 Brickyard - 1 (Drainage Course) | 9.2 | 10.0 | 10.2 | 9.4 | FZ | 9.6 | 9.5 | 8.5 | 9.4 | 9.2 | 8.0 | 9.4 | 8.4 | 7.3 |
| 4 Brickyard - 2 (Drainage Course) | 7.6 | 7.8 | 7.8 | 7.7 | FZ | 7.9 | 8.0 | 7.6 | 7.9 | 7.6 | 7.6 | 7.8 | 7.6 | 7.2 |
| 4 Brickyard - 3 (Drainage Course) | 7.4 | 7.5 | 7.6 | 7.4 | FZ | 7.6 | 7.6 | 7.3 | 7.6 | 7.4 | 7.5 | 7.4 | 7.4 | 7.2 |
| Knight's Brook - 1 (Upstream in Brook) | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM |
| Knight's Brook - 2 (Downstream in Brook) | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM |
| Knight's Brook - 3 (Above Duct Bank in Brook) | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM |
| Hannah - 1 (Wetland NW-22) | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM |
| Hannah - 2 (Wetland NW-24) | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM |
| Flynn Pit - 1 (Wetland NW-4) | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM |
| DURHAM/UNH | | | | | | | | | | | | | | |
| UNH Wetland - 1 (Stormwater Area) | -- | -- | -- | -- | FZ | FZ | FZ | 8.5 | 8.4 | -- | -- | -- | -- | -- |
| UNH Wetland - 2 (Stormwater Area) | 7.2 | 7.0 | 7.3 | FZ | FZ | FZ | FZ | 7.8 | 7.2 | 7.5 | 7.6 | 7.1 | 6.7 | 7.0 |
| UNH Wetland - 3 (Cattail Wetland) | 7.1 | 7.5 | 7.5 | FZ | FZ | FZ | FZ | FZ | 7.6 | 7.7 | 7.0 | 7.0 | 7.1 | 6.9 |
| UNH Wetland - 4 (Cattail Wetland) | 6.5 | 7.2 | 6.8 | 6.3 | FZ | FZ | FZ | FZ | 6.7 | 6.9 | 6.6 | 6.7 | 6.5 | 6.7 |
| UNH Wetland - 5 (Cattail Wetland) | 6.5 | 7.0 | 6.7 | FZ | FZ | FZ | FZ | FZ | 6.8 | 6.9 | 6.7 | 6.6 | 6.5 | 6.6 |
| UNH Wetland - 6 (Cattail Wetland) | -- | -- | -- | -- | -- | -- | -- | -- | 6.7 | -- | -- | 6.4 | 6.7 | -- |
| College Brook - 1 (Upstream in Brook) | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM |
| College Brook - 2 (Downstream in Brook) | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM |
| CB-1 (Catch Basin) | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM |
| CB-2 (Catch Basin) | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM |
| RG - 1 (Rain Garden) | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM |
| A Lot - 1 (Drainage Swale) | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM |
| Reservoir Brook (Brook) | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM |

- Notes**
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 - 2) "--" indicates area monitored but dry
 - 3) "FZ" indicated location monitored but frozen
 - 4) Refer to Daily Drainage Monitoring Report for additional information