

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	
<b>NEWINGTON</b>																															
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	
<b>DURHAM/UNH</b>																															
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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TABLE 1  
pH Monitoring  
Newington and Durham, New Hampshire

	WEEK 9			WEEK 10			WEEK 11			WEEK 12		WEEK 13			WEEK 14		WEEK 15		WEEK 16	WEEK 17		WEEK 18		WEEK 19		WEEK 20					
	August 4, 2020	August 5, 2020	August 7, 2020	August 11, 2020	August 12, 2020	August 13, 2020	August 17, 2020	August 18, 2020	August 20, 2020	August 24, 2020	August 25, 2020	August 30, 2020	August 31, 2020	September 3, 2020	September 8, 2020	September 9, 2020	September 11, 2020	September 15, 2020	September 17, 2020	September 22, 2020	September 28, 2020	September 30, 2020	October 2, 2020	October 8, 2020	October 13, 2020	October 14, 2020	October 16, 2020	October 17, 2020	October 19, 2020	October 21, 2020	
<b>NEWINGTON</b>																															
29 Gundalow - 1 (Drainage Area)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
29 Gundalow - 2 (Culvert)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10.2	9.4	10.3	10.3	9.6
64 Gundalow - 1 (Drainage Course)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7.4	--	--	
64 Gundalow - 2 (Drainage Course)	7.4	6.6	6.6	6.3	6.5	6.6	6.8	6.6	6.3	6.6	6.6	7.3	6.5	6.5	6.7	7.0	6.3	6.5	6.7	--	--	6.5	6.7	6.7	6.4	6.3	6.6	6.8	6.5	6.6	
4 Brickyard - 1 (Drainage Course)	7.9	7.1	7.3	7.1	7.8	7.5	7.5	7.2	7.0	7.1	6.9	7.3	6.7	6.9	--	--	6.7	--	--	--	--	6.6	--	6.8	6.5	6.5	6.8	6.7	6.4	6.7	
Knight's Brook - 1 (Upstream in Brook)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	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	NM	NM	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	NM	NM	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	NM	NM	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	NM	NM	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	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	
<b>DURHAM/UNH</b>																															
UNH Wetland - 1 (Stormwater Area)	NM	--	NM	NM	--	NM	--	--	--	--	NM	--	--	--	NM	--	--	NM	--	--	--	--	--	--	--	--	--	--	--	--	
UNH Wetland - 2 (Stormwater Area)	NM	--	NM	NM	--	NM	--	--	--	8.1	NM	10.1	--	8.5	--	NM	7.9	--	NM	--	--	8.7	--	--	8.3	8.3	--	7.4	9.6	--	
UNH Wetland - 3 (Cattail Wetland)	NM	--	NM	NM	--	NM	--	--	--	--	NM	--	--	--	--	NM	--	--	NM	--	--	--	--	--	6.9	--	--	7.1	7.2	6.9	
UNH Wetland - 4 (Cattail Wetland)	NM	--	NM	NM	--	NM	--	--	--	--	NM	--	--	--	--	NM	--	--	NM	--	--	--	--	--	--	--	--	6.9	6.1	5.9	
UNH Wetland - 5 (Cattail Wetland)	NM	--	NM	NM	--	NM	--	--	--	--	NM	--	--	--	--	NM	--	--	NM	--	--	--	--	--	--	--	--	6.7	6.2	6.0	
UNH Wetland - 6 (Cattail Wetland)	NM	--	NM	NM	--	NM	--	--	--	--	NM	--	--	--	--	NM	--	--	NM	--	--	--	--	--	--	--	--	--	--	--	
College Brook - 1 (Upstream in Brook)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	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	NM	NM	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	NM	NM	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	NM	NM	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	NM	NM	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	NM	NM	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	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	

- Notes**
- 1) "NM" indicates location not monitored on this date.
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TABLE 1  
pH Monitoring  
Newington and Durham, New Hampshire

	WEEK 32	WEEK 33		WEEK 34	WEEK 35	WEEK 36	WEEK 37	WEEK 38	WEEK 39	WEEK 40	WEEK 41	WEEK 42		WEEK 43	WEEK 44	WEEK 45		WEEK 46	WEEK 47	WEEK 48	
	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	April 14, 2021	April 18, 2021	April 22, 2021	April 30, 2021	May 4, 2021	May 11, 2021	
<b>NEWINGTON</b>																					
29 Gundalow - 1 (Drainage Area)	--	--	--	--	--	--	--	6.2	6.3	--	--	6.0	--	--	--	--	--	6.2	--	--	
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	12.5	12.5	12.3	12.2	12.2	10.0	
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	11.6	11.7	11.4	10.7	11.7	9.3	
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	7.9	9.2	8.0	9.2	8.0	7.5	
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	7.5	7.7	7.0	8.1	7.3	7.0	
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	7.3	7.6	7.3	7.5	7.2	7.1	
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	7.3	7.5	7.2	7.4	7.3	7.1	
Knight's Brook - 1 (Upstream in Brook)	NM	NM	NM	NM	NM	NM	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	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	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	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	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	NM	NM	NM	NM	NM	NM	
<b>DURHAM/UNH</b>																					
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	7.1	6.8	6.9	7.1	7.0	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	6.8	7.0	7.0	7.0	7.0	7.0	
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	6.9	6.8	6.9	7.0	6.7	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	6.7	6.6	6.7	6.8	6.6	6.6	
UNH Wetland - 6 (Cattail Wetland)	--	--	--	--	--	--	--	--	6.7	--	--	6.4	6.7	--	--	7.2	7.0	6.7	6.8	6.8	
College Brook - 1 (Upstream in Brook)	NM	NM	NM	NM	NM	NM	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	NM	NM	NM	NM	NM	NM	
CB-1 (Catch Basin)	NM	NM	NM	NM	NM	NM	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	NM	NM	NM	NM	NM	NM	
RG - 1 (Rain Garden)	NM	NM	NM	NM	NM	NM	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	NM	NM	NM	NM	NM	NM	
Reservoir Brook (Brook)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	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) "FZ" indicated location monitored but frozen
  - 4) Refer to Daily Drainage Monitoring Report for additional information