



431 River Road  
Bow, NH 03304

GSP MERRIMACK

December 27, 2019

Thomas E. O'Donovan, P.E., Director  
NH Department of Environmental Services  
Water Division  
29 Hazen Drive, P.O. Box 95  
Concord, NH 03302-0095

Reference: NPDES Permit No. NH0001465, Merrimack Station, GSP Merrimack LLC, issued June 25, 1992, modified October 22, 1992, modified January 10, 2018.

Dear Mr. Forbes,

Merrimack Station  
Environmental Monitoring Program  
2018 – 2019 Annual Report

In accordance with sections Part I, item 13 of the referenced NPDES permit, Granite Shore Power LLC (LLC) herein submits the environmental monitoring program annual report for Merrimack Station for the period of June 1, 2018, through May 31, 2019.

Attached please find all monthly data from the four monitoring stations at Merrimack Station. During this period all sampling and analyses were conducted by station personnel in accordance with EPA approved procedures referenced at 40 CFR Part 136 and all monitoring equipment and protocols were kept consistent with previous reporting periods. Information on monitoring equipment and sampling protocols can be found in the referenced permit and in previously submitted reports.

If you have any questions regarding this report, please contact Allan Palmer, Senior Engineer, at (603) 230-7951.

Very truly yours,

GRANITE SHORE POWER

Elizabeth H. Tillotson  
Executive Director of Administration & Regulatory Affairs

Enclosures

cc: Mr. Glenn Normandeau, Executive Director  
N.H. Fish and Game Department  
11 Hazen Drive  
Concord, NH 03301

U.S. Environmental Protection Agency  
Water Technical Unit (OES4-SMR)  
5 Post Office Square – Suite 100  
Boston, MA 02109-3912

U.S. Fish & Wildlife Service  
New England Field Office  
70 Commercial Street, Suite 300  
Concord, N.H. 03301-5087

## Monthly Data

Merrimack Station biological monitoring data is organized in the following chronological sequence, June 2018 through May 2019. Twelve months of data are arranged by parameter:

<u>Station</u>	<u>Parameter</u>
S-0	Dissolved Oxygen
S-0	pH
S-0	Temperature
N-5	Dissolved Oxygen
N-5	pH
N10	Temperature
S-4	Temperature

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Station S-0  
Dissolved Oxygen

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PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR June 2018

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
06/01/18	12.66	2245	10.45	9.39	2045	96
06/02/18	11.10	0015	10.02	8.94	2345	96
06/03/18	9.47	1730	8.85	8.33	0715	96
06/04/18	9.19	0115	8.72	8.22	1000	96
06/05/18	10.90	1500	9.23	7.84	0900	96
06/06/18	9.78	0015	8.92	8.32	0000	96
06/07/18	10.34	1915	9.19	7.89	0530	96
06/08/18	10.00	1745	9.52	8.89	0630	96
06/09/18	9.94	1730	9.30	8.64	0730	96
06/10/18	10.24	1715	9.31	8.63	0830	96
06/11/18	10.11	1830	9.42	8.79	0630	96
06/12/18	9.77	1600	9.23	8.71	0715	96
06/13/18	10.26	1615	9.22	8.43	0630	96
06/14/18	10.16	1545	9.17	8.51	0000	96
06/15/18	9.51	1745	8.71	8.15	0815	96
06/16/18	10.13	1645	8.93	7.90	0545	96
06/17/18	9.58	1100	8.40	7.49	2300	96
06/18/18	7.88	1230	7.09	1.30	0845	96
06/19/18	8.26	1800	7.72	6.99	0015	96
06/20/18	8.94	2145	8.06	7.13	0415	96
06/21/18	9.49	1600	8.74	7.82	0915	96
06/22/18	9.89	1830	8.94	7.86	0730	96
06/23/18	9.00	0030	8.45	7.93	1000	96
06/24/18	8.18	0015	7.64	6.99	2345	96
06/25/18	9.56	1745	8.37	7.02	0030	96
06/26/18	8.98	2015	8.24	7.53	0845	96
06/27/18	10.04	1245	8.96	7.90	0500	96
06/28/18	8.85	0315	7.93	7.21	0000	96
06/29/18	8.01	0845	7.43	6.95	0315	96
06/30/18	7.39	0245	7.20	6.97	2115	96
AVERAGE	9.59		8.71	7.76		
STD DEV.:	1.06		0.79	1.40		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR July 2018

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
07/01/18	7.22	0800	6.92	6.12	1930	96
07/02/18	7.26	0845	6.85	6.55	2000	96
07/03/18	7.14	0830	6.86	6.53	1715	96
07/04/18	7.33	0945	6.93	6.57	2130	96
07/05/18	7.21	0800	6.92	6.65	1645	96
07/06/18	7.70	2000	7.31	4.47	0715	96
07/07/18	7.89	1800	7.18	6.42	0000	96
07/08/18	7.97	1700	6.89	5.98	0645	96
07/09/18	8.40	1615	7.39	6.37	0430	96
07/10/18	9.25	1615	7.62	6.51	0645	96
07/11/18	8.33	1915	7.47	6.53	0630	96
07/12/18	8.68	1800	7.41	6.50	0745	96
07/13/18	9.29	1715	7.69	6.57	0645	96
07/14/18	8.68	1615	7.68	7.07	0745	96
07/15/18	8.48	1900	7.38	5.72	1130	96
07/16/18	8.59	1215	7.71	6.74	0500	96
07/17/18	8.35	1015	7.61	6.80	2330	96
07/18/18	7.78	1745	6.99	5.94	0500	96
07/19/18	7.97	1815	7.15	6.52	0545	96
07/20/18	9.46	1930	7.69	6.89	0615	96
07/21/18	9.94	1845	7.83	6.85	1015	96
07/22/18	7.74	0030	7.23	6.88	0745	96
07/23/18	8.28	1900	7.51	7.02	0615	96
07/24/18	8.83	1615	7.86	7.28	0515	96
07/25/18	8.13	1745	7.80	7.46	0900	96
07/26/18	8.13	2045	7.59	6.97	0945	96
07/27/18	8.26	1800	7.74	7.17	0815	96
07/28/18	8.45	1545	7.84	7.33	0915	96
07/29/18	8.11	1930	7.80	7.35	0915	96
07/30/18	8.30	2145	7.80	7.29	0915	96
07/31/18	8.90	2130	8.08	7.42	1000	96
AVERAGE	8.26		7.44	6.66		
STD DEV.:	0.69		0.36	0.61		



PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR August 2018

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
08/01/18	8.39	0015	7.70	7.12	1930	96
08/02/18	8.50	0900	7.43	6.93	0645	96
08/03/18	8.73	1515	7.86	7.37	0900	96
08/04/18	7.98	2130	7.58	7.08	0415	96
08/05/18	8.08	1630	7.40	6.64	0000	96
08/06/18	7.27	1530	6.83	5.04	1200	96
08/07/18	7.05	0530	6.79	6.53	1345	96
08/08/18	7.74	1015	7.33	6.70	0015	96
08/09/18	7.95	1945	7.13	6.43	0715	96
08/10/18	8.98	1645	7.58	6.41	0730	96
08/11/18	7.73	0015	6.74	6.45	0800	96
08/12/18	6.72	1615	6.47	6.30	0100	96
08/13/18	6.77	2100	6.41	6.18	1030	96
08/14/18	6.75	1430	6.42	5.81	1530	96
08/15/18	7.81	1530	6.99	6.50	0645	96
08/16/18	7.31	1530	7.08	6.78	0345	96
08/17/18	7.94	2300	7.34	6.93	0115	96
08/18/18	7.88	0015	7.21	6.94	0915	96
08/19/18	7.50	1815	7.02	6.66	1445	96
08/20/18	7.46	2045	7.00	6.63	0630	96
08/21/18	8.11	1645	7.20	6.57	0530	96
08/22/18	8.01	2245	7.16	6.75	0600	96
08/23/18	7.95	2000	7.49	7.05	0800	96
08/24/18	7.72	2215	7.31	6.99	1815	96
08/25/18	8.00	1630	7.43	6.94	0900	96
08/26/18	8.45	1915	7.63	7.15	0800	96
08/27/18	9.48	1615	7.84	7.00	0000	96
08/28/18	7.33	1200	6.76	4.54	0630	77
08/29/18	6.94	0845	6.70	6.41	2100	96
08/30/18	8.06	1300	7.64	6.59	0015	96
08/31/18	7.59	1615	7.19	6.53	2215	96
AVERAGE	7.81		7.18	6.58		
STD DEV.:	0.64		0.40	0.58		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
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MONTHLY SUMMARY REPORT FOR September 2018

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
09/01/18	8.00	1745	6.87	5.61	0515	96
09/02/18	8.05	1730	6.94	5.24	1615	96
09/03/18	9.00	1930	7.63	4.85	1700	96
09/04/18	7.88	0030	7.13	6.70	1900	96
09/05/18	7.32	0000	6.75	4.66	1115	96
09/06/18	7.52	1145	7.28	7.07	2100	96
09/07/18	7.90	0600	7.29	6.53	2330	96
09/08/18	7.65	1830	6.74	6.12	0730	96
09/09/18	8.59	1345	7.26	6.46	0515	96
09/10/18	8.30	1830	7.38	6.29	1230	96
09/11/18	8.11	0100	7.60	7.07	0700	96
09/12/18	8.16	1445	7.47	6.99	1645	96
09/13/18	7.85	2215	7.40	7.15	0545	96
09/14/18	8.45	2215	7.69	7.14	1130	96
09/15/18	8.85	1615	8.12	7.64	0845	96
09/16/18	9.14	2330	8.37	7.82	0715	96
09/17/18	9.26	1530	8.42	7.79	0545	96
09/18/18	9.34	1730	8.02	7.33	1015	96
09/19/18	8.16	0015	7.63	7.12	1100	96
09/20/18	7.64	1845	7.30	6.57	1000	96
09/21/18	7.65	1315	7.03	6.77	1645	96
09/22/18	7.80	1345	7.25	6.67	0430	96
09/23/18	7.84	1500	7.37	6.94	0915	96
09/24/18	7.90	0000	7.63	7.32	0500	96
09/25/18	8.62	1445	7.80	7.29	0715	96
09/26/18	8.53	1945	7.93	7.39	0700	96
09/27/18	8.71	0000	8.24	8.01	1000	96
09/28/18	8.68	1645	8.44	8.25	0830	96
09/29/18	8.78	1300	8.48	8.15	0900	96
09/30/18	8.44	1345	8.29	8.13	1015	96
AVERAGE	8.27		7.59	6.90		
STD DEV.:	0.54		0.52	0.92		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
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MONTHLY SUMMARY REPORT FOR    October 2018

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
10/01/18	8.35	0130	8.01	7.79	2230	96
10/02/18	8.58	2330	8.03	7.77	0100	96
10/03/18	8.53	0015	8.09	7.84	0715	96
10/04/18	8.59	1615	8.01	7.79	2030	96
10/05/18	8.48	1600	8.14	7.83	0145	96
10/06/18	8.64	0615	8.49	8.21	0000	96
10/07/18	8.66	1830	8.21	7.85	1115	96
10/08/18	8.87	0730	8.35	8.10	0215	96
10/09/18	9.00	1730	8.22	7.80	0000	96
10/10/18	9.28	1630	8.54	7.82	0615	96
10/11/18	9.15	0230	8.75	8.30	0945	96
10/12/18	8.93	2345	8.62	8.25	0745	96
10/13/18	8.95	0030	8.58	8.19	1415	96
10/14/18	8.60	0645	8.39	8.08	1245	96
10/15/18	8.89	2030	8.31	8.11	1600	96
10/16/18	8.94	0600	8.59	8.22	0045	96
10/17/18	9.21	2300	8.62	8.24	1600	96
10/18/18	9.82	1715	9.43	9.10	0430	96
10/19/18	9.78	2200	9.61	9.46	0730	96
10/20/18	10.01	0900	9.67	9.46	0700	96
10/21/18	9.95	1545	9.77	9.65	0600	96
10/22/18	10.45	1030	10.09	9.71	0230	96
10/23/18	10.21	1730	9.93	9.67	1545	96
10/24/18	10.29	1430	10.15	9.96	0745	96
10/25/18	10.75	0115	10.32	10.10	1600	96
10/26/18	10.95	1300	10.42	10.19	0430	96
10/27/18	10.47	0045	10.39	10.31	0530	96
10/28/18	10.84	0000	10.40	10.23	0430	96
10/29/18	11.35	2030	10.86	10.56	1045	96
10/30/18	11.40	0245	10.41	10.11	2115	96
10/31/18	11.63	0915	10.67	10.23	0015	96
AVERAGE	9.60		9.16	8.87		
STD DEV.:	1.00		0.97	1.01		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR November 2018

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
11/01/18	11.16	0130	10.63	10.28	1515	96
11/02/18	11.46	2300	10.81	10.19	0015	96
11/03/18	11.51	1230	11.44	11.36	2115	96
11/04/18	12.10	2015	11.94	11.50	0030	96
11/05/18	12.16	0415	11.14	10.56	2100	96
11/06/18	11.25	0115	10.94	10.76	0830	96
11/07/18	11.07	2100	10.47	9.81	1115	96
11/08/18	11.52	1245	11.31	11.04	0015	96
11/09/18	11.24	0015	10.98	10.81	1500	96
11/10/18	10.90	2300	10.75	10.67	1245	96
11/11/18	12.02	1115	11.24	10.77	0030	96
11/12/18	11.49	1000	11.07	10.88	2330	96
11/13/18	12.32	1130	11.17	10.87	2115	96
11/14/18	12.04	0000	11.78	11.23	0945	96
11/15/18	12.52	2045	12.30	12.05	0015	96
11/16/18	12.43	0145	12.20	12.06	0730	96
11/17/18	13.05	2345	12.62	12.14	0530	96
11/18/18	13.06	0030	12.66	11.74	2245	96
11/19/18	12.27	0200	12.02	11.80	2345	96
11/20/18	12.32	1415	12.05	11.65	0445	96
11/21/18	12.17	0015	11.46	10.82	2300	96
11/22/18	12.05	1215	11.38	10.52	0000	96
11/23/18	10.48	0015	9.81	9.58	1345	96
11/24/18	10.21	1715	9.81	9.51	1000	96
11/25/18	11.69	2345	10.46	10.06	0015	96
11/26/18	11.80	0500	11.45	10.80	2345	96
11/27/18	10.85	1745	10.75	10.64	0630	96
11/28/18	11.27	2330	10.94	10.75	0800	96
11/29/18	13.24	1400	12.96	11.27	0015	96
11/30/18	13.24	0145	12.54	11.40	2315	96
AVERAGE	11.83		11.37	10.92		
STD DEV.:	0.78		0.81	0.70		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR December 2018

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
12/01/18	12.33	1600	11.77	11.44	0015	96
12/02/18	11.53	0015	11.26	11.13	2200	96
12/03/18	12.05	2300	11.64	11.19	0045	96
12/04/18	12.60	1215	12.31	11.92	2000	96
12/05/18	12.16	0500	11.64	11.07	1745	96
12/06/18	12.71	0900	12.53	11.83	0015	96
12/07/18	12.60	0045	12.50	12.41	1930	96
12/08/18	12.99	1830	12.76	12.44	0015	96
12/09/18	13.00	0415	11.93	10.67	0000	96
12/10/18	10.79	1800	10.48	10.15	1430	96
12/11/18	10.38	0245	10.12	9.99	0000	96
12/12/18	10.08	0330	9.95	9.80	1330	96
12/13/18	10.07	1815	9.97	9.90	0945	96
12/14/18	12.14	2345	10.75	10.03	0115	96
12/15/18	13.28	2315	12.48	12.05	0215	96
12/16/18	13.40	1345	13.32	13.22	0015	96
12/17/18	13.34	0030	13.26	13.15	1200	96
12/18/18	13.42	2000	13.29	13.12	0115	96
12/19/18	13.52	0815	13.42	13.31	0315	96
12/20/18	13.51	1545	13.40	13.27	1045	96
12/21/18	13.49	0300	13.34	13.19	2300	96
12/22/18	13.78	2330	13.39	13.23	0045	96
12/23/18	14.37	2315	14.11	13.78	0015	96
12/24/18	14.60	0915	14.41	14.10	2230	96
12/25/18	14.39	2200	14.29	14.19	0015	96
12/26/18	14.48	1145	14.36	14.23	0715	96
12/27/18	14.32	0245	14.21	14.04	2300	96
12/28/18	14.13	0045	13.99	13.79	2215	96
12/29/18	13.84	0015	13.69	13.55	0915	96
12/30/18	13.85	2245	13.72	13.59	0030	96
12/31/18	13.98	1215	13.84	13.71	1115	96
AVERAGE	12.94		12.65	12.37		
STD DEV.:	1.29		1.38	1.46		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR January 2019

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
01/01/19	13.78	0015	13.62	13.46	1015	96
01/02/19	13.76	2345	13.66	13.55	0030	96
01/03/19	13.87	0545	13.74	13.52	2145	96
01/04/19	13.66	0315	13.54	13.30	2345	96
01/05/19	13.47	0045	13.36	13.22	1745	96
01/06/19	13.44	2215	13.30	13.15	0745	96
01/07/19	13.67	1445	13.52	13.38	2145	96
01/08/19	13.88	1545	13.71	13.45	0015	96
01/09/19	13.68	0015	13.53	13.39	2245	96
01/10/19	13.56	1700	13.46	13.37	0315	96
01/11/19	13.71	2330	13.56	13.48	0100	96
01/12/19	14.05	1145	13.73	13.43	2300	96
01/13/19	13.42	0015	11.39	11.06	1045	96
01/14/19	11.57	2345	11.01	10.89	0915	96
01/15/19	12.26	1230	12.04	11.49	2345	96
01/16/19	11.78	0245	10.97	9.90	1900	96
01/17/19	12.61	1400	12.30	11.69	0015	96
01/18/19	12.43	0600	12.22	12.14	2115	96
01/19/19	12.62	1015	12.33	12.02	2345	96
01/20/19	12.21	1145	11.84	11.56	2230	96
01/21/19	12.18	1515	11.79	11.65	2030	96
01/22/19	12.11	2145	11.92	11.63	0230	96
01/23/19	12.40	1515	12.15	12.06	2200	96
01/24/19	13.08	1200	12.88	12.32	0015	96
01/25/19	12.90	0215	12.72	12.34	0000	96
01/26/19	12.74	1145	12.63	12.33	0045	96
01/27/19	13.81	0000	13.12	12.58	0145	96
01/28/19	13.94	0500	13.54	12.21	0000	96
01/29/19	12.18	0015	11.61	10.99	0000	96
01/30/19	12.15	1400	11.34	10.56	2045	96
01/31/19	12.35	1000	12.12	11.43	0015	96
AVERAGE	13.01		12.67	12.31		
STD DEV.:	0.76		0.90	1.03		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR February 2019

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
02/01/19	12.44	0000	12.22	12.07	1630	96
02/02/19	13.66	0915	13.39	12.44	0015	96
02/03/19	13.58	2115	13.44	13.37	0530	96
02/04/19	13.70	1030	13.54	13.47	1000	96
02/05/19	13.52	0015	13.45	13.36	1315	96
02/06/19	13.48	1600	13.40	13.31	1200	96
02/07/19	13.37	1415	13.33	13.27	0845	96
02/08/19	13.56	2345	13.46	13.32	0030	96
02/09/19	13.79	2300	13.61	13.52	1330	96
02/10/19	14.01	1945	13.82	13.68	1145	96
02/11/19	13.95	0030	13.83	13.75	2330	96
02/12/19	13.91	2230	13.77	13.67	0845	96
02/13/19	13.91	0045	13.63	13.40	0000	96
02/14/19	13.46	1500	13.41	13.36	0815	96
02/15/19	13.40	1315	13.34	13.25	0000	96
02/16/19	13.39	1330	13.29	13.21	0330	96
02/17/19	13.50	2100	13.33	13.19	0115	96
02/18/19	13.71	0730	13.02	11.72	0000	96
02/19/19	12.38	0900	11.92	11.17	0445	96
02/20/19	12.71	0915	12.45	12.02	0030	96
02/21/19	13.56	2300	12.76	12.18	0100	96
02/22/19	13.57	0815	13.51	13.41	0700	96
02/23/19	13.47	2215	13.37	13.24	1115	96
02/24/19	13.46	0030	13.40	13.35	1015	96
02/25/19	13.40	1930	13.28	11.82	1700	87
02/26/19	13.58	1000	13.30	13.10	1700	96
02/27/19	13.31	1045	12.90	11.94	0000	96
02/28/19	11.93	0015	11.32	11.02	2330	96
AVERAGE	13.42		13.20	12.88		
STD DEV.:	0.49		0.58	0.80		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR March 2019

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
03/01/19	12.91	1400	11.74	11.02	0015	96
03/02/19	12.99	0500	11.94	10.96	1600	96
03/03/19	12.66	0900	12.20	11.76	0015	96
03/04/19	11.85	0015	11.68	11.53	0000	96
03/05/19	11.90	1930	11.74	11.47	0300	96
03/06/19	11.97	1845	11.78	11.57	0545	96
03/07/19	12.61	1100	11.77	11.29	0000	96
03/08/19	13.60	1945	12.21	11.20	1100	96
03/09/19	13.59	0015	13.05	12.31	1245	96
03/10/19	13.40	0000	13.22	13.12	1000	96
03/11/19	13.50	1615	13.41	13.28	1045	96
03/12/19	13.55	1445	13.47	13.40	0500	96
03/13/19	13.46	0015	13.36	13.19	1030	96
03/14/19	13.42	0045	13.38	13.31	1500	96
03/15/19	13.39	1645	13.28	13.05	1215	96
03/16/19	13.22	1200	13.17	13.12	0945	96
03/17/19	13.47	2000	13.24	12.80	0000	96
03/18/19	13.00	1630	12.84	12.74	0445	96
03/19/19	13.66	1730	13.35	12.78	0130	96
03/20/19	13.58	1845	13.41	13.17	1415	96
03/21/19	13.45	0015	13.33	13.10	1145	96
03/22/19	13.30	0015	13.10	12.92	0000	96
03/23/19	13.00	1645	12.92	12.86	0530	96
03/24/19	13.18	1545	12.99	12.87	0100	96
03/25/19	13.22	1745	13.03	12.87	1300	96
03/26/19	13.06	0800	12.79	12.25	2345	96
03/27/19	12.70	1700	12.17	11.17	0000	96
03/28/19	12.10	1730	11.51	11.08	0345	96
03/29/19	12.28	1445	11.96	11.82	0000	96
03/30/19	12.18	2100	11.77	11.57	0400	96
03/31/19	12.76	2245	12.06	11.57	0415	96
AVERAGE	13.00		12.64	12.30		
STD DEV.:	0.56		0.68	0.84		



PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR April 2019

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
04/01/19	13.32	0000	13.05	12.75	0030	96
04/02/19	13.78	1100	13.01	12.24	0000	96
04/03/19	13.31	0945	12.48	12.06	1545	96
04/04/19	13.33	1615	12.89	11.98	0200	96
04/05/19	13.22	1115	12.53	12.07	1400	96
04/06/19	13.00	1330	12.27	11.97	1015	96
04/07/19	12.46	1245	12.04	11.83	0615	96
04/08/19	12.60	0000	12.27	11.83	0530	96
04/09/19	12.71	1830	12.38	12.00	0830	96
04/10/19	13.14	1230	12.82	12.21	2245	96
04/11/19	13.33	1115	12.64	12.03	2330	96
04/12/19	12.21	2045	12.03	11.85	0645	96
04/13/19	12.31	1845	11.99	11.78	0615	96
04/14/19	12.42	1200	12.01	11.69	0430	96
04/15/19	12.29	0045	11.84	11.54	0815	96
04/16/19	12.83	2045	12.52	12.09	2315	96
04/17/19	12.82	1100	12.03	11.68	2315	96
04/18/19	12.46	2215	11.95	11.71	0015	96
04/19/19	12.30	0030	12.04	11.85	0815	96
04/20/19	11.93	0015	11.77	11.54	1215	96
04/21/19	12.05	1900	11.77	11.54	0830	96
04/22/19	12.18	2100	11.61	11.12	0000	96
04/23/19	12.13	2330	11.58	11.10	0015	96
04/24/19	12.14	0200	12.04	11.80	0000	96
04/25/19	12.07	1600	11.87	11.68	1900	96
04/26/19	12.02	0230	11.82	11.62	2215	96
04/27/19	11.79	1845	11.67	11.53	0545	96
04/28/19	11.86	1500	11.73	11.59	0715	96
04/29/19	12.17	0945	11.82	11.57	2030	96
04/30/19	12.05	1445	11.76	11.47	0945	96
AVERAGE	12.54		12.14	11.79		
STD DEV.:	0.54		0.42	0.33		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR May 2019

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
05/01/19	11.89	0815	11.67	11.51	0500	96
05/02/19	11.71	1445	11.54	11.41	0315	96
05/03/19	11.72	1545	11.44	11.16	0000	96
05/04/19	11.80	2345	11.31	10.89	1415	96
05/05/19	11.80	0015	11.39	11.10	1145	96
05/06/19	11.72	1015	11.25	10.54	1815	96
05/07/19	11.26	0200	11.00	10.62	2245	96
05/08/19	11.12	1630	10.85	10.54	0130	96
05/09/19	11.08	1330	10.69	10.38	1915	96
05/10/19	10.79	1100	10.62	10.36	0315	96
05/11/19	10.71	1630	10.59	10.47	0400	96
05/12/19	10.76	1730	10.52	10.38	0915	96
05/13/19	10.81	1700	10.50	10.34	0000	96
05/14/19	10.64	1330	10.44	10.26	0530	96
05/15/19	10.75	1530	10.52	10.27	0445	96
05/16/19	10.63	1145	10.39	10.20	0845	96
05/17/19	10.46	2115	10.25	10.02	1045	96
05/18/19	10.59	1530	10.27	10.12	1000	96
05/19/19	10.37	2300	10.06	9.88	1745	96
05/20/19	10.29	0015	9.99	9.40	2215	96
05/21/19	9.87	0015	9.67	9.34	0545	96
05/22/19	9.68	2045	9.56	9.42	0945	96
05/23/19	10.10	1700	9.64	9.31	0845	96
05/24/19	9.79	0030	9.51	9.11	0000	96
05/25/19	9.45	2245	9.11	8.85	0830	96
05/26/19	9.39	1545	9.17	8.65	0000	96
05/27/19	9.27	1445	8.92	8.58	0945	96
05/28/19	9.18	1615	8.94	8.70	0715	96
05/29/19	9.73	1645	9.29	8.82	0015	96
05/30/19	9.67	1400	9.41	9.18	0630	96
05/31/19	9.52	1815	9.37	9.17	0600	96
AVERAGE	10.53		10.26	9.97		
STD DEV.:	0.84		0.82	0.85		

Station S-0  
pH

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PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR June 2018

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
06/01/18	7.40	1800	7.00	6.76	0445	96
06/02/18	7.02	0015	6.86	6.78	1115	96
06/03/18	7.02	1930	6.86	6.76	0715	96
06/04/18	6.94	1400	6.83	6.73	0815	96
06/05/18	6.96	1500	6.82	6.72	1030	96
06/06/18	6.92	1900	6.78	6.65	0645	96
06/07/18	6.89	2100	6.82	6.74	0815	96
06/08/18	6.90	1245	6.84	6.79	2215	96
06/09/18	6.95	1815	6.85	6.78	0715	96
06/10/18	7.06	1915	6.89	6.80	0715	96
06/11/18	7.27	1900	6.98	6.82	0800	96
06/12/18	7.10	1330	6.98	6.85	0715	96
06/13/18	7.09	1900	6.97	6.89	0600	96
06/14/18	7.26	1530	7.02	6.83	0630	96
06/15/18	7.13	1915	6.95	6.83	0645	96
06/16/18	6.99	0045	6.87	6.76	1000	96
06/17/18	7.53	1100	7.22	6.76	0145	96
06/18/18	7.40	1200	7.23	7.08	0445	96
06/19/18	7.56	1515	7.29	7.10	0415	96
06/20/18	7.29	2115	7.02	6.77	0400	96
06/21/18	7.39	1030	7.09	6.91	0915	43
06/23/18	7.17	0015	6.82	6.60	1015	95
06/24/18	6.73	0015	6.56	6.37	2315	96
06/25/18	7.39	1415	6.90	6.40	0130	96
06/26/18	7.11	1045	6.70	6.58	1400	96
06/27/18	7.51	1630	7.03	6.69	0515	96
06/28/18	6.89	0315	6.54	6.38	1100	96
06/29/18	7.13	1330	6.93	6.52	0330	96
06/30/18	6.96	1230	6.92	6.84	2245	96
AVERAGE	7.14		6.92	6.74		
STD DEV.:	0.22		0.17	0.17		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR July 2018

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
07/01/18	6.97	1745	6.89	6.81	0500	96
07/02/18	6.95	1245	6.90	6.82	0530	96
07/03/18	6.95	1315	6.87	6.80	2215	96
07/04/18	6.94	1315	6.86	6.76	2345	96
07/05/18	6.99	0930	6.83	6.76	0600	96
07/06/18	6.88	2000	6.81	6.75	0000	96
07/07/18	6.74	1730	6.58	6.36	2330	96
07/08/18	6.68	1830	6.45	6.35	0445	96
07/09/18	6.66	1730	6.47	6.31	0615	96
07/10/18	6.78	1700	6.50	6.32	0645	96
07/11/18	6.64	1515	6.47	6.33	0630	96
07/12/18	6.65	1745	6.45	6.32	0600	96
07/13/18	6.85	1800	6.49	6.32	0645	96
07/14/18	6.52	1945	6.36	6.22	0945	96
07/15/18	6.67	1915	6.39	6.24	1200	96
07/16/18	6.80	1845	6.53	6.34	1100	96
07/17/18	6.64	0045	6.42	6.32	0930	96
07/18/18	6.59	1445	6.41	6.31	0515	96
07/19/18	6.64	1245	6.44	6.21	1745	96
07/20/18	7.30	1915	6.60	6.28	1400	96
07/21/18	7.74	1900	6.50	6.25	1200	96
07/22/18	6.51	0030	6.34	6.18	2030	96
07/23/18	6.67	2030	6.36	6.22	0900	96
07/24/18	6.95	1745	6.65	6.42	1130	96
07/25/18	6.83	1945	6.66	6.48	0815	96
07/26/18	6.75	0130	6.58	6.44	1200	96
07/27/18	6.81	0900	6.62	6.52	1045	96
07/28/18	6.67	1800	6.59	6.51	0900	96
07/29/18	6.62	2300	6.57	6.50	0900	96
07/30/18	6.61	0015	6.52	6.47	1630	96
07/31/18	6.60	1730	6.50	6.46	1615	96
AVERAGE	6.79		6.57	6.43		
STD DEV.:	0.24		0.17	0.20		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR August 2018

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
08/01/18	6.58	1730	6.49	6.43	0415	96
08/02/18	6.57	2000	6.44	6.36	0830	96
08/03/18	6.64	1730	6.52	6.42	0900	96
08/04/18	6.66	1700	6.53	6.45	0845	96
08/05/18	6.49	1500	6.43	6.29	1830	96
08/06/18	6.56	1645	6.45	6.36	0230	96
08/07/18	7.02	1330	6.83	6.36	0130	96
08/08/18	6.95	0745	6.70	6.49	1400	96
08/09/18	6.74	1800	6.59	6.47	0945	96
08/10/18	7.00	1730	6.65	6.46	0645	96
08/11/18	6.61	0015	6.48	6.43	1930	96
08/12/18	6.49	0330	6.45	6.39	2230	96
08/13/18	6.41	0115	6.36	6.33	2300	96
08/14/18	6.34	1530	6.30	6.24	1600	96
08/15/18	6.73	0915	6.42	6.28	0615	96
08/16/18	6.64	0500	6.58	6.53	0000	96
08/17/18	7.17	1500	7.05	6.53	0015	96
08/18/18	7.05	0015	6.74	6.62	0945	96
08/19/18	6.77	1830	6.72	6.65	1445	96
08/20/18	6.85	1745	6.70	6.66	0845	96
08/21/18	6.80	1730	6.68	6.61	0800	96
08/22/18	6.73	2130	6.64	6.48	0000	96
08/23/18	6.75	1645	6.67	6.53	0015	96
08/24/18	6.69	2030	6.64	6.56	1615	96
08/25/18	6.75	1630	6.64	6.57	0900	96
08/26/18	6.80	1715	6.66	6.59	0400	96
08/27/18	6.89	1600	6.63	6.46	2115	96
08/28/18	7.10	1530	6.89	6.51	0015	76
08/29/18	7.14	1445	7.04	6.96	0615	96
08/30/18	7.30	0930	7.02	6.68	0000	96
08/31/18	6.85	1515	6.70	6.63	0815	96
AVERAGE	6.78		6.63	6.49		
STD DEV.:	0.23		0.19	0.15		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR September 2018

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
09/01/18	6.79	1745	6.68	6.60	1030	96
09/02/18	6.76	2030	6.64	6.59	0930	96
09/03/18	6.95	1745	6.71	6.48	2200	96
09/04/18	7.20	1330	6.91	6.46	0145	96
09/05/18	7.37	0900	7.14	7.00	0615	96
09/06/18	7.33	1230	7.22	7.10	0015	96
09/07/18	7.25	0545	7.02	6.84	2330	96
09/08/18	6.95	1915	6.83	6.76	0630	96
09/09/18	7.14	1345	6.90	6.79	0515	96
09/10/18	7.03	1945	6.86	6.76	1530	96
09/11/18	7.00	0130	6.85	6.79	0800	96
09/12/18	6.88	1500	6.80	6.73	2345	95
09/13/18	6.83	1545	6.74	6.66	0630	96
09/14/18	6.84	2145	6.74	6.68	0730	96
09/15/18	6.87	2315	6.75	6.68	0830	96
09/16/18	6.98	2330	6.86	6.77	0815	96
09/17/18	6.98	0145	6.90	6.83	0830	96
09/18/18	7.08	1730	6.92	6.84	0600	96
09/19/18	6.94	0015	6.88	6.83	2215	96
09/20/18	6.95	0345	6.81	6.74	1700	96
09/21/18	6.83	1315	6.73	6.66	2330	96
09/22/18	6.81	1200	6.71	6.62	0515	96
09/23/18	6.83	1030	6.72	6.62	1700	96
09/24/18	6.77	2345	6.72	6.66	1630	96
09/25/18	6.91	1515	6.76	6.68	2345	96
09/26/18	7.32	0945	6.67	6.60	1230	96
09/27/18	6.73	0000	6.68	6.65	0215	96
09/28/18	6.75	2245	6.70	6.68	0830	96
09/29/18	6.85	1400	6.77	6.74	0515	96
09/30/18	6.83	1215	6.74	6.69	1730	96
AVERAGE	6.96		6.81	6.72		
STD DEV.:	0.18		0.14	0.13		



PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR October 2018

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
10/01/18	6.72	0045	6.69	6.66	2300	96
10/02/18	7.00	1300	6.70	6.65	1115	96
10/03/18	6.79	0030	6.68	6.61	0000	96
10/04/18	6.66	2145	6.62	6.59	1815	96
10/05/18	6.71	2130	6.67	6.62	0100	96
10/06/18	6.74	0730	6.71	6.68	2345	96
10/07/18	6.72	1245	6.67	6.65	1530	96
10/08/18	6.77	0730	6.69	6.65	0215	96
10/09/18	6.70	1530	6.63	6.56	2345	96
10/10/18	7.24	0915	6.69	6.55	0045	96
10/11/18	6.85	0015	6.81	6.73	0815	96
10/12/18	6.93	0000	6.84	6.77	0845	96
10/13/18	6.94	0015	6.84	6.74	1530	96
10/14/18	6.79	0515	6.74	6.68	1945	96
10/15/18	6.73	0800	6.70	6.64	1830	96
10/16/18	6.77	1130	6.72	6.66	0215	96
10/17/18	6.81	2215	6.68	6.58	1515	96
10/18/18	6.90	2300	6.83	6.74	0200	96
10/19/18	6.90	0230	6.87	6.84	1400	96
10/20/18	6.88	0915	6.85	6.81	0530	96
10/21/18	6.88	2330	6.84	6.80	1030	96
10/22/18	6.97	1015	6.91	6.87	0500	96
10/23/18	6.90	2000	6.86	6.82	1545	96
10/24/18	7.48	0900	6.89	6.85	1015	96
10/25/18	6.95	0145	6.89	6.84	1045	96
10/26/18	6.99	1315	6.92	6.86	0045	96
10/27/18	6.94	0030	6.91	6.88	2230	96
10/28/18	6.92	1015	6.89	6.86	1730	96
10/29/18	6.98	2100	6.91	6.88	1200	96
10/30/18	7.17	1000	6.82	6.74	1045	96
10/31/18	6.97	0730	6.84	6.80	0145	96
AVERAGE	6.89		6.78	6.73		
STD DEV.:	0.17		0.10	0.11		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR November 2018

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
11/01/18	6.87	0630	6.83	6.80	2015	96
11/02/18	6.91	0000	6.82	6.75	0615	96
11/03/18	6.93	0115	6.88	6.81	2345	96
11/04/18	6.83	0045	6.74	6.65	2345	96
11/05/18	6.81	1615	6.74	6.60	0345	96
11/06/18	6.68	0015	6.54	6.47	2300	96
11/07/18	6.49	1945	6.45	6.40	1200	96
11/08/18	6.59	2315	6.54	6.48	0115	96
11/09/18	6.67	0945	6.62	6.57	0045	96
11/10/18	6.65	0215	6.62	6.58	1330	96
11/11/18	6.79	1130	6.69	6.64	0015	96
11/12/18	6.69	0100	6.66	6.63	2330	96
11/13/18	6.78	1430	6.62	6.51	2300	96
11/14/18	7.22	0815	6.71	6.58	0030	96
11/15/18	6.71	0445	6.65	6.60	1645	96
11/16/18	6.64	0415	6.61	6.57	1800	96
11/17/18	6.66	2230	6.57	6.50	1315	96
11/18/18	6.75	1730	6.70	6.66	0030	96
11/19/18	6.70	0330	6.64	6.60	2345	96
11/20/18	6.76	2230	6.63	6.57	1100	96
11/21/18	7.12	0900	6.72	6.67	1930	96
11/22/18	6.83	2200	6.72	6.66	0300	96
11/23/18	6.80	0030	6.71	6.64	2345	96
11/24/18	6.74	2045	6.68	6.63	0130	96
11/25/18	6.75	0900	6.69	6.58	1800	96
11/26/18	6.81	1500	6.75	6.68	0230	96
11/27/18	6.82	1715	6.79	6.76	0800	96
11/28/18	6.81	0430	6.78	6.74	1530	96
11/29/18	7.18	1400	6.94	6.77	0015	96
11/30/18	6.97	0200	6.90	6.77	0000	96
AVERAGE	6.80		6.70	6.63		
STD DEV.:	0.16		0.11	0.10		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR December 2018

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
12/01/18	6.83	1730	6.77	6.72	1045	96
12/02/18	6.80	0200	6.77	6.68	2230	96
12/03/18	6.77	0530	6.74	6.70	2030	96
12/04/18	6.90	1915	6.84	6.73	0015	96
12/05/18	6.89	1000	6.81	6.73	1830	96
12/06/18	6.75	0300	6.73	6.70	0815	96
12/07/18	6.74	0445	6.69	6.64	1915	95
12/08/18	6.74	1930	6.71	6.67	0715	96
12/09/18	6.80	1130	6.74	6.72	0315	96
12/10/18	6.82	1915	6.74	6.71	0315	96
12/11/18	6.79	0445	6.74	6.72	2245	96
12/12/18	6.79	1845	6.73	6.69	0945	95
12/13/18	6.75	1130	6.74	6.72	0015	96
12/14/18	6.83	1100	6.74	6.57	1530	96
12/15/18	6.95	2345	6.81	6.73	1115	96
12/16/18	6.99	1545	6.97	6.94	0015	96
12/17/18	6.98	1830	6.97	6.93	2345	96
12/18/18	7.04	2000	6.98	6.92	0100	96
12/19/18	7.04	0830	7.00	6.97	1715	95
12/20/18	6.98	0015	6.96	6.92	1045	96
12/21/18	7.01	2330	6.96	6.92	1145	96
12/22/18	7.07	1315	7.02	6.98	0000	96
12/23/18	6.99	0130	6.91	6.79	2330	96
12/24/18	6.82	0045	6.73	6.69	1100	96
12/25/18	6.79	2330	6.73	6.69	0345	96
12/26/18	6.84	2215	6.80	6.73	0545	96
12/27/18	6.87	2330	6.84	6.78	0045	95
12/28/18	6.88	1945	6.85	6.81	1200	96
12/29/18	6.89	2230	6.85	6.80	0900	96
12/30/18	6.89	0245	6.86	6.81	2000	96
12/31/18	6.87	0130	6.84	6.79	1115	96
AVERAGE	6.87		6.82	6.77		
STD DEV.:	0.10		0.10	0.11		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR January 2019

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
01/01/19	6.89	2345	6.84	6.78	1015	96
01/02/19	7.39	1100	6.86	6.83	1330	96
01/03/19	6.87	0130	6.83	6.75	2130	96
01/04/19	6.84	0530	6.81	6.78	0730	96
01/05/19	6.85	2145	6.82	6.78	0615	96
01/06/19	6.86	0015	6.81	6.77	1400	96
01/07/19	6.90	0645	6.84	6.80	2300	96
01/08/19	6.87	1530	6.84	6.79	0400	96
01/09/19	7.37	1430	6.87	6.80	0515	96
01/10/19	6.93	0000	6.90	6.86	1345	96
01/11/19	6.93	0015	6.89	6.85	1915	96
01/12/19	6.88	0100	6.82	6.76	1245	96
01/13/19	6.86	1900	6.82	6.75	0030	96
01/14/19	6.88	1200	6.84	6.81	1715	96
01/15/19	6.94	2145	6.90	6.84	0015	96
01/16/19	6.94	1430	6.89	6.80	2015	96
01/17/19	7.43	1000	6.90	6.86	0230	96
01/18/19	6.91	0845	6.89	6.87	0400	96
01/19/19	6.96	1400	6.92	6.88	0200	96
01/20/19	6.96	1230	6.92	6.89	0515	96
01/21/19	6.97	1230	6.94	6.90	2300	96
01/22/19	6.96	1400	6.92	6.89	2145	96
01/23/19	7.32	1330	6.90	6.88	2245	96
01/24/19	6.95	0000	6.91	6.87	0545	96
01/25/19	7.04	2315	6.95	6.91	1200	96
01/26/19	7.02	0745	6.98	6.95	1830	96
01/27/19	6.98	0045	6.90	6.80	0000	96
01/28/19	6.82	1930	6.78	6.75	1130	96
01/29/19	6.81	0030	6.77	6.73	2200	96
01/30/19	6.75	1615	6.70	6.62	2115	96
01/31/19	7.10	1400	6.69	6.64	0215	96
AVERAGE	6.97		6.86	6.81		
STD DEV.:	0.17		0.07	0.07		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR February 2019

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
02/01/19	6.78	1630	6.74	6.71	0000	96
02/02/19	6.79	2245	6.71	6.61	0530	96
02/03/19	6.90	2200	6.83	6.78	0445	96
02/04/19	6.91	1700	6.88	6.85	0615	96
02/05/19	6.94	2345	6.90	6.86	1300	96
02/06/19	7.45	1030	6.91	6.85	1515	96
02/07/19	6.91	0045	6.88	6.86	2245	96
02/08/19	6.95	2330	6.91	6.87	1615	96
02/09/19	6.98	0000	6.95	6.89	1600	96
02/10/19	6.98	0300	6.95	6.91	0900	96
02/11/19	6.95	0130	6.93	6.89	2345	96
02/12/19	6.93	0245	6.91	6.88	0815	96
02/13/19	6.92	0200	6.88	6.85	0000	96
02/14/19	6.91	0000	6.88	6.85	0015	96
02/15/19	6.92	0400	6.90	6.89	1545	96
02/16/19	6.91	2200	6.89	6.88	0315	96
02/17/19	6.93	0000	6.91	6.88	0100	96
02/18/19	6.92	0115	6.82	6.76	2030	96
02/19/19	6.97	1015	6.90	6.81	0030	96
02/20/19	7.28	1330	6.90	6.85	1915	96
02/21/19	7.01	2315	6.93	6.84	1445	96
02/22/19	7.05	1430	7.02	6.96	0700	96
02/23/19	7.05	0915	7.03	7.02	1645	96
02/24/19	7.04	0045	7.02	7.01	2100	96
02/25/19	7.02	0430	7.01	6.96	2300	73
02/26/19	7.09	0815	7.03	6.97	2345	96
02/27/19	7.08	2000	7.00	6.96	1330	96
02/28/19	7.06	0115	7.02	6.99	1800	96
AVERAGE	6.99		6.92	6.87		
STD DEV.:	0.13		0.08	0.09		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR March 2019

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
03/01/19	7.52	1015	6.94	6.83	2330	96
03/02/19	7.05	1115	6.94	6.83	0015	96
03/03/19	7.00	0500	6.95	6.90	1945	96
03/04/19	7.02	2130	6.97	6.91	0030	96
03/05/19	7.40	1130	6.99	6.94	2245	96
03/06/19	7.03	1645	6.98	6.91	0515	96
03/07/19	7.08	0000	7.01	6.90	0945	96
03/08/19	7.09	0030	7.03	6.96	1130	96
03/09/19	7.09	2345	7.03	6.97	0415	96
03/10/19	7.12	1815	7.11	7.09	0215	96
03/11/19	7.15	1530	7.13	7.11	0445	96
03/12/19	7.19	1245	7.15	7.12	0300	96
03/13/19	7.53	0730	7.17	7.14	1130	96
03/14/19	7.18	0145	7.16	7.13	1445	96
03/15/19	7.20	2130	7.15	7.10	1345	96
03/16/19	7.23	2130	7.18	7.11	0945	96
03/17/19	7.24	2015	7.21	7.07	0000	96
03/18/19	7.14	1730	7.09	7.03	0945	96
03/19/19	7.69	1030	7.17	7.10	0030	96
03/20/19	7.21	0230	7.19	7.17	1115	96
03/21/19	7.22	2000	7.18	7.13	1115	96
03/22/19	7.21	2245	7.18	7.09	0930	96
03/23/19	7.28	2000	7.20	7.14	0615	96
03/24/19	7.27	0100	7.24	7.20	1130	96
03/25/19	7.28	1615	7.22	7.19	0600	96
03/26/19	7.28	1545	7.23	7.19	2330	96
03/27/19	7.59	0730	7.18	7.13	1245	96
03/28/19	7.16	2215	7.11	7.09	0445	96
03/29/19	7.18	1500	7.14	7.12	0630	96
03/30/19	7.15	0030	7.10	7.01	1645	96
03/31/19	7.25	2330	7.11	6.96	0230	96
AVERAGE	7.23		7.11	7.05		
STD DEV.:	0.17		0.09	0.11		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR April 2019

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
04/01/19	7.26	2100	7.22	7.18	0800	96
04/02/19	7.26	1845	7.22	7.17	0715	96
04/03/19	7.28	1130	7.24	7.17	0945	96
04/04/19	7.55	0730	7.18	7.06	1230	96
04/05/19	7.31	1300	7.25	7.14	1115	96
04/06/19	7.29	2000	7.26	7.15	1245	96
04/07/19	7.27	0030	7.21	7.12	0000	96
04/08/19	7.21	1000	7.16	7.14	0200	96
04/09/19	7.18	0845	7.15	7.12	1830	96
04/10/19	7.68	0730	7.17	7.11	0515	96
04/11/19	7.26	1815	7.20	7.09	0530	96
04/12/19	7.21	0015	7.16	7.14	2115	96
04/13/19	7.18	1630	7.15	7.10	0800	96
04/14/19	7.20	2345	7.15	7.09	0645	96
04/15/19	7.23	1515	7.18	7.13	0300	96
04/16/19	7.27	2315	7.11	7.04	1445	96
04/17/19	7.33	1715	7.26	7.05	1045	95
04/18/19	7.31	0615	7.28	7.18	2215	96
04/19/19	7.27	0800	7.22	7.20	2330	96
04/20/19	7.26	1315	7.17	7.09	0945	96
04/21/19	7.36	2245	7.24	7.13	0415	96
04/22/19	7.43	1415	7.32	6.97	2030	96
04/23/19	7.42	1715	7.29	6.98	2330	96
04/24/19	7.43	1630	7.19	6.93	0445	96
04/25/19	7.30	0145	6.78	6.31	2030	96
04/26/19	6.57	1030	6.41	6.23	1630	96
04/27/19	6.51	1845	6.40	6.19	0600	96
04/28/19	6.52	1645	6.44	6.35	1015	96
04/29/19	6.40	1615	6.36	6.28	0915	96
04/30/19	6.42	1645	6.36	6.29	1245	96
AVERAGE	7.17		7.06	6.94		
STD DEV.:	0.33		0.32	0.34		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR May 2019

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
05/01/19	6.39	1245	6.34	6.27	0000	96
05/02/19	6.78	1245	6.26	6.21	2330	96
05/03/19	6.22	1730	6.18	6.12	0000	96
05/04/19	6.36	2345	6.17	6.10	0115	96
05/05/19	6.38	0030	6.19	6.13	1000	96
05/06/19	6.32	0000	6.20	6.13	0715	96
05/07/19	6.35	0045	6.22	6.16	0345	96
05/08/19	6.34	1915	6.27	6.21	0115	96
05/09/19	6.36	2230	6.31	6.26	1100	96
05/10/19	6.39	1045	6.29	6.20	0745	96
05/11/19	6.46	1145	6.34	6.22	0115	96
05/12/19	6.37	1730	6.34	6.31	2300	96
05/13/19	6.38	1815	6.31	6.24	1415	96
05/14/19	6.36	1745	6.32	6.28	0300	96
05/15/19	6.42	1715	6.35	6.28	0515	96
05/16/19	6.39	1430	6.36	6.33	0830	96
05/17/19	6.44	2245	6.37	6.33	1500	96
05/18/19	6.46	1545	6.41	6.35	0315	96
05/19/19	6.46	1645	6.41	6.37	0900	96
05/20/19	6.43	1530	6.39	6.35	0615	96
05/21/19	6.56	2115	6.48	6.39	0530	96
05/22/19	6.65	1715	6.58	6.53	0630	96
05/23/19	6.60	0045	6.54	6.49	1400	96
05/24/19	6.57	1615	6.52	6.48	0415	96
05/25/19	6.51	1930	6.48	6.45	1415	96
05/26/19	6.66	1315	6.50	6.45	1100	96
05/27/19	6.54	2000	6.51	6.45	0900	96
05/28/19	6.53	0045	6.47	6.41	2300	96
05/29/19	7.18	0930	6.48	6.41	0415	96
05/30/19	6.49	0015	6.44	6.38	1500	96
05/31/19	6.60	1830	6.54	6.46	0430	96
AVERAGE	6.48		6.37	6.31		
STD DEV.:	0.18		0.12	0.12		



Station S-0  
Temperature

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PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR June 2018

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
06/01/18	22.33	1500	21.35	20.36	0345	96
06/02/18	23.09	1715	22.43	21.52	0800	96
06/03/18	22.67	1645	22.09	21.52	0145	96
06/04/18	21.91	0015	20.76	19.95	2345	96
06/05/18	20.25	1600	19.76	19.39	0730	96
06/06/18	19.85	1430	19.47	18.88	0615	96
06/07/18	20.25	1615	19.37	18.80	0700	96
06/08/18	21.25	1700	20.08	19.26	0715	96
06/09/18	20.91	1845	20.43	19.75	0700	96
06/10/18	21.63	1645	20.91	20.22	0730	96
06/11/18	21.42	1915	21.06	20.56	0730	96
06/12/18	24.03	1600	21.50	20.30	0730	96
06/13/18	22.10	1800	21.64	21.18	0645	96
06/14/18	22.49	1515	21.93	21.43	0700	96
06/15/18	22.11	1830	21.61	21.05	0900	96
06/16/18	22.85	1845	21.81	20.81	0615	96
06/17/18	25.81	0000	21.80	19.35	0900	96
06/18/18	29.17	2200	26.92	24.18	0000	96
06/19/18	26.64	1730	24.52	23.48	0800	96
06/20/18	25.33	0015	24.42	23.54	0815	96
06/21/18	24.37	1745	23.99	23.64	0645	96
06/22/18	24.17	1730	23.64	22.94	0700	96
06/23/18	23.67	0015	23.01	22.17	0000	96
06/24/18	22.81	1815	22.33	21.88	0745	96
06/25/18	23.34	1545	22.48	22.01	0745	96
06/26/18	23.67	1700	22.48	21.46	0745	96
06/27/18	23.41	1600	22.96	22.44	0730	96
06/28/18	24.10	0000	22.78	22.52	0615	96
06/29/18	30.93	1830	27.30	24.26	0015	96
06/30/18	31.73	2130	30.58	28.53	0245	96
AVERAGE	23.61		22.51	21.58		
STD DEV.:	2.88		2.42	2.05		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR July 2018

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
07/01/18	37.18	1645	33.15	30.23	0515	96
07/02/18	36.47	1745	34.00	30.62	0730	96
07/03/18	37.48	1730	34.15	31.59	0630	96
07/04/18	36.38	2100	34.06	31.34	0900	96
07/05/18	36.89	1415	34.01	31.76	0645	96
07/06/18	33.45	0245	29.44	25.69	0000	96
07/07/18	27.25	1915	26.14	25.10	0700	96
07/08/18	27.15	1630	26.25	25.37	0715	96
07/09/18	28.25	1645	26.66	25.72	0745	96
07/10/18	28.54	1415	27.16	26.25	0730	96
07/11/18	27.99	1615	27.50	26.95	0745	96
07/12/18	27.76	1715	26.97	26.29	0730	96
07/13/18	27.19	1700	26.60	25.97	0700	96
07/14/18	26.62	1515	26.29	25.87	0000	96
07/15/18	26.87	1715	26.15	25.42	0800	96
07/16/18	27.37	2330	26.80	26.25	0645	96
07/17/18	27.56	1045	26.97	26.18	0000	96
07/18/18	27.27	1545	26.40	25.73	0800	96
07/19/18	27.19	1645	26.10	25.09	0730	96
07/20/18	26.74	1530	26.13	25.50	0700	96
07/21/18	26.72	1645	26.02	25.35	0730	96
07/22/18	26.02	0015	25.44	25.17	1415	96
07/23/18	26.69	1615	25.72	25.19	0615	96
07/24/18	26.94	1515	26.41	25.92	0615	96
07/25/18	27.39	1400	26.82	26.20	0645	96
07/26/18	26.61	0015	26.31	25.98	0000	96
07/27/18	26.78	1445	26.09	25.60	0600	96
07/28/18	25.94	1800	25.46	24.96	0000	96
07/29/18	25.29	1515	24.85	24.51	0715	96
07/30/18	25.28	1515	24.77	24.17	0630	96
07/31/18	25.74	1715	25.04	24.32	0600	96
AVERAGE	28.74		27.54	26.46		
STD DEV.:	3.89		2.95	2.17		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR August 2018

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
08/01/18	26.19	0045	25.07	24.71	0745	96
08/02/18	25.70	1515	25.07	24.46	0700	96
08/03/18	27.92	1630	25.71	25.06	0315	96
08/04/18	26.14	0215	25.49	25.10	2345	96
08/05/18	29.54	1445	26.25	24.77	0645	96
08/06/18	31.35	0000	27.31	25.37	0445	96
08/07/18	36.77	1345	33.61	31.14	0445	96
08/08/18	33.23	0015	27.87	26.49	0815	96
08/09/18	27.78	1600	27.13	26.43	0730	96
08/10/18	27.67	1645	27.16	26.61	0715	96
08/11/18	27.08	0015	26.00	25.55	1200	96
08/12/18	25.51	0015	24.47	23.67	2245	96
08/13/18	23.81	1615	23.59	23.38	0715	96
08/14/18	24.09	1045	23.50	23.26	0645	96
08/15/18	27.88	1445	24.74	23.23	0330	96
08/16/18	33.81	1645	30.13	24.16	0315	96
08/17/18	33.57	0015	30.07	25.17	0000	96
08/18/18	25.85	1400	25.04	24.62	0000	96
08/19/18	25.77	1530	24.47	24.16	0800	96
08/20/18	24.25	0015	24.03	23.79	0815	96
08/21/18	24.29	1430	23.61	23.15	2345	96
08/22/18	24.16	1345	23.07	22.83	0715	96
08/23/18	23.10	1345	22.73	22.40	0800	96
08/24/18	23.05	1845	22.65	22.27	0830	96
08/25/18	23.21	1715	22.93	22.65	0745	96
08/26/18	23.53	2200	23.08	22.67	0700	96
08/27/18	28.01	1700	23.98	23.07	0800	96
08/28/18	36.74	2130	30.82	18.19	0630	77
08/29/18	37.45	2100	35.16	33.14	0700	96
08/30/18	35.52	0015	27.86	25.08	2000	96
08/31/18	25.66	0045	25.45	24.98	0000	96
AVERAGE	28.02		26.07	24.57		
STD DEV.:	4.49		3.13	2.60		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR September 2018

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
09/01/18	24.95	0015	24.39	24.13	0845	96
09/02/18	24.25	1945	23.93	23.46	0930	96
09/03/18	26.79	2130	24.55	23.90	0715	96
09/04/18	35.03	2145	29.89	25.10	0300	96
09/05/18	37.91	2000	34.61	30.04	0000	96
09/06/18	30.66	0645	29.88	29.18	0000	96
09/07/18	29.11	0015	25.93	24.78	0715	96
09/08/18	25.34	0015	24.61	23.66	0000	96
09/09/18	23.64	0015	22.93	22.50	0000	96
09/10/18	22.47	0015	21.43	20.71	0000	96
09/11/18	21.14	1445	20.52	20.26	0000	96
09/12/18	20.55	2345	20.24	19.91	0930	96
09/13/18	20.73	1515	20.52	20.34	0930	96
09/14/18	21.05	1800	20.62	20.17	0845	96
09/15/18	21.33	2315	20.94	20.65	0745	96
09/16/18	22.01	1430	21.53	21.22	0800	96
09/17/18	23.12	1630	22.16	21.53	0645	96
09/18/18	22.87	2030	22.45	21.70	0715	96
09/19/18	22.75	0015	22.47	22.10	0000	96
09/20/18	22.08	0015	21.67	21.22	2345	96
09/21/18	21.21	0015	20.80	20.41	0000	96
09/22/18	20.94	1400	20.38	19.85	2315	96
09/23/18	20.42	1630	19.46	18.91	0845	96
09/24/18	19.38	0015	18.76	18.41	0000	96
09/25/18	18.38	0015	17.66	17.39	2015	96
09/26/18	18.46	1515	17.66	17.16	0830	96
09/27/18	18.41	1230	18.08	17.76	0515	96
09/28/18	18.52	0015	18.06	17.90	1000	96
09/29/18	18.67	1400	18.08	17.75	0800	96
09/30/18	18.37	1800	17.68	17.42	2345	96
AVERAGE	23.02		22.06	21.32		
STD DEV.:	4.78		3.97	3.21		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR October 2018

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
10/01/18	17.40	0015	17.00	16.60	2345	96
10/02/18	17.05	0015	16.19	15.83	2330	96
10/03/18	16.38	1445	15.69	15.42	0830	96
10/04/18	16.44	1315	16.01	15.72	0915	96
10/05/18	16.54	0315	16.22	15.93	0845	96
10/06/18	16.49	1330	16.05	15.81	0000	96
10/07/18	16.48	1445	15.94	15.73	0230	96
10/08/18	15.99	0015	15.67	15.35	0000	96
10/09/18	15.96	1845	15.58	15.13	0800	96
10/10/18	18.50	1400	16.45	15.88	0015	96
10/11/18	16.85	1400	16.60	16.31	0700	96
10/12/18	16.59	0015	16.23	15.63	0000	96
10/13/18	15.62	0015	15.23	14.88	0000	96
10/14/18	14.86	0015	14.44	14.09	0000	96
10/15/18	14.09	1900	13.65	13.16	2330	96
10/16/18	13.79	0130	12.97	12.49	0000	96
10/17/18	14.23	2230	13.28	12.31	0345	96
10/18/18	13.76	0015	12.18	11.08	0000	96
10/19/18	11.43	1400	10.87	10.46	0830	96
10/20/18	11.51	1630	11.00	10.60	0815	96
10/21/18	11.07	0030	10.53	9.75	0000	96
10/22/18	9.76	1415	9.26	8.70	0900	96
10/23/18	9.62	1645	9.20	9.00	0745	96
10/24/18	9.37	1500	9.08	8.64	0000	96
10/25/18	8.77	1430	8.44	8.11	0000	96
10/26/18	8.19	1615	7.85	7.49	0730	96
10/27/18	7.84	0015	7.66	7.54	0000	96
10/28/18	7.81	1730	7.33	6.95	1015	96
10/29/18	7.40	0500	7.11	6.78	0000	96
10/30/18	7.94	1415	7.53	6.67	0300	96
10/31/18	7.66	1315	6.91	6.35	0915	96
AVERAGE	13.08		12.52	12.08		
STD DEV.:	3.69		3.60	3.64		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR November 2018

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
11/01/18	7.26	2015	6.78	6.53	1045	96
11/02/18	7.27	1045	6.98	6.80	0630	96
11/03/18	8.31	1515	7.81	7.14	0015	96
11/04/18	8.15	1945	7.93	7.66	0745	96
11/05/18	8.08	0015	7.73	7.54	0715	96
11/06/18	13.00	0000	11.67	7.97	0015	96
11/07/18	20.47	1100	17.55	13.18	0015	96
11/08/18	15.56	0015	11.42	10.21	0930	96
11/09/18	14.20	1400	12.31	10.80	0745	96
11/10/18	12.27	0015	9.50	7.38	0000	96
11/11/18	7.42	0015	6.78	6.38	2215	96
11/12/18	6.62	1545	6.21	5.94	1115	96
11/13/18	7.09	2100	6.36	5.41	1415	96
11/14/18	13.59	2145	10.33	5.19	0230	96
11/15/18	16.04	1500	13.91	11.78	0345	96
11/16/18	15.20	1400	14.19	11.38	0145	96
11/17/18	14.08	0015	7.15	2.96	2315	96
11/18/18	12.20	0000	5.60	2.92	0730	96
11/19/18	16.03	2345	14.93	12.26	0015	96
11/20/18	16.07	0030	10.29	6.75	2245	96
11/21/18	12.63	2045	9.99	6.58	0400	96
11/22/18	15.56	0000	9.93	7.34	1445	96
11/23/18	23.87	0000	21.40	15.88	0015	96
11/24/18	23.96	0130	22.69	21.23	1745	96
11/25/18	21.43	0015	18.30	10.26	0000	96
11/26/18	13.84	0000	10.60	8.73	0730	96
11/27/18	13.98	0300	13.17	10.29	1400	96
11/28/18	12.36	0015	9.08	4.55	0000	96
11/29/18	4.83	0015	3.23	2.54	0530	96
11/30/18	6.20	1900	4.42	2.90	0145	96
AVERAGE	12.92		10.61	8.22		
STD DEV.:	5.16		4.77	4.07		



PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR December 2018

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
12/01/18	10.40	0000	6.44	4.20	1445	96
12/02/18	11.20	0545	7.96	5.78	1215	96
12/03/18	7.46	1345	6.31	5.47	1230	96
12/04/18	8.61	0000	5.31	3.66	1030	96
12/05/18	17.11	2230	12.60	7.86	0515	96
12/06/18	16.37	0015	12.50	11.40	1915	96
12/07/18	11.57	1215	11.37	11.14	2300	96
12/08/18	11.13	0015	10.11	8.99	1800	96
12/09/18	18.16	0000	13.37	8.96	0930	96
12/10/18	20.51	0000	18.62	16.57	1800	96
12/11/18	21.99	1500	21.15	19.36	0330	96
12/12/18	21.92	0015	21.11	19.47	1715	96
12/13/18	22.03	2215	21.67	21.30	0015	96
12/14/18	22.02	0015	17.31	9.01	2345	96
12/15/18	8.85	0015	5.36	2.49	0000	96
12/16/18	2.64	0030	2.10	1.86	2330	96
12/17/18	2.18	1445	2.03	1.84	0030	96
12/18/18	2.12	0015	1.39	0.93	1815	96
12/19/18	1.57	2045	1.08	0.66	0815	96
12/20/18	2.02	2245	1.50	1.14	1415	96
12/21/18	2.44	0000	1.92	1.45	0300	96
12/22/18	2.43	0045	2.15	1.64	0000	96
12/23/18	1.65	0100	1.36	1.09	2300	96
12/24/18	1.83	2230	1.35	1.06	0245	96
12/25/18	1.64	0215	1.43	1.20	2245	96
12/26/18	1.57	0230	1.29	1.07	1145	96
12/27/18	1.69	2300	1.34	1.04	0400	96
12/28/18	1.88	2015	1.61	1.38	1530	96
12/29/18	2.00	1900	1.82	1.52	0815	96
12/30/18	1.99	1930	1.71	1.44	0700	96
12/31/18	2.27	1445	1.85	1.48	0930	96
AVERAGE	8.43		7.00	5.69		
STD DEV.:	7.76		6.97	6.23		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR January 2019

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
01/01/19	2.12	0600	1.80	1.59	0145	96
01/02/19	2.03	2315	1.75	1.52	1030	96
01/03/19	2.26	1615	1.80	1.51	0945	96
01/04/19	2.73	2345	2.14	1.73	0630	96
01/05/19	2.58	0015	2.23	2.01	0845	96
01/06/19	2.44	1415	2.13	1.58	0000	96
01/07/19	2.25	1600	1.68	1.17	0500	96
01/08/19	2.46	0245	1.67	1.29	0745	96
01/09/19	1.98	0530	1.71	1.54	1215	96
01/10/19	1.89	0415	1.55	1.22	1845	96
01/11/19	3.28	2345	1.61	1.07	1715	96
01/12/19	3.21	0300	2.51	1.77	1630	96
01/13/19	11.08	0000	6.98	3.27	0015	96
01/14/19	14.10	1500	12.18	9.64	0000	96
01/15/19	11.49	2315	8.89	7.87	0830	96
01/16/19	21.12	1900	14.96	10.33	0400	96
01/17/19	14.62	0015	12.36	10.06	0900	96
01/18/19	14.33	1415	13.77	11.81	0545	96
01/19/19	14.12	0015	12.42	9.86	1000	96
01/20/19	14.05	0015	13.20	10.94	1130	96
01/21/19	13.24	2130	12.53	11.08	1530	96
01/22/19	14.32	2315	13.69	12.99	0315	96
01/23/19	14.49	1245	13.98	12.31	0000	96
01/24/19	12.02	0015	8.09	6.93	0000	96
01/25/19	11.84	0000	8.18	6.57	0300	96
01/26/19	11.86	0015	10.43	8.81	2230	96
01/27/19	9.04	0030	5.90	2.52	0000	96
01/28/19	8.73	0000	3.27	1.36	0945	96
01/29/19	13.80	0000	11.36	8.94	0015	96
01/30/19	16.25	2100	11.81	7.90	1245	96
01/31/19	15.12	0015	11.18	9.76	0900	96
AVERAGE	9.19		7.35	5.84		
STD DEV.:	5.85		5.04	4.32		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR February 2019

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
02/01/19	11.34	1400	10.35	7.12	0000	96
02/02/19	7.24	0015	2.28	1.18	0000	96
02/03/19	1.16	0015	0.87	0.75	0830	96
02/04/19	1.43	1400	1.07	0.76	0715	96
02/05/19	2.02	1345	1.27	0.97	0715	96
02/06/19	1.66	1400	1.21	0.78	0815	96
02/07/19	1.62	1600	1.40	1.06	2215	96
02/08/19	1.55	0815	1.26	0.94	0000	96
02/09/19	1.47	1415	0.93	0.59	0630	96
02/10/19	1.43	1415	1.16	0.93	0100	96
02/11/19	1.83	1215	1.44	1.08	0700	96
02/12/19	2.14	1145	1.47	1.16	0900	96
02/13/19	2.09	1645	1.66	1.29	0415	96
02/14/19	1.95	1400	1.56	1.36	0845	96
02/15/19	1.71	0745	1.48	1.31	2300	96
02/16/19	1.77	1445	1.52	1.31	0445	96
02/17/19	2.00	1215	1.57	1.05	0830	96
02/18/19	4.60	0000	2.72	1.54	1645	96
02/19/19	14.17	0000	11.22	4.71	0030	96
02/20/19	14.45	1530	11.82	9.09	0645	96
02/21/19	11.57	0015	6.65	2.41	2130	96
02/22/19	2.96	0100	1.98	0.93	0815	96
02/23/19	2.89	1100	2.06	1.65	0930	96
02/24/19	2.86	1015	1.98	1.67	2015	96
02/25/19	2.46	0715	1.63	0.47	1700	87
02/26/19	2.80	1630	1.63	0.61	0015	96
02/27/19	7.97	0000	3.04	1.04	0915	96
02/28/19	12.92	1230	8.66	5.54	2115	96
AVERAGE	4.43		3.07	1.90		
STD DEV.:	4.35		3.30	2.10		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR March 2019

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
03/01/19	9.34	0330	6.48	3.97	1400	96
03/02/19	16.19	2145	9.55	2.86	0545	96
03/03/19	12.85	0015	7.72	4.98	0845	96
03/04/19	9.06	2130	8.82	8.37	0015	96
03/05/19	9.39	1445	8.25	7.16	0930	96
03/06/19	8.88	0130	8.30	7.53	2315	96
03/07/19	12.02	0000	8.94	4.44	1045	96
03/08/19	14.23	1115	8.70	0.97	0000	96
03/09/19	5.71	1300	2.51	0.92	0145	96
03/10/19	1.44	0030	1.16	0.96	0000	96
03/11/19	1.67	1345	1.22	0.82	0745	96
03/12/19	2.53	2300	1.63	1.05	0745	96
03/13/19	3.00	1730	2.42	1.75	0030	96
03/14/19	3.49	1730	2.96	2.28	0130	96
03/15/19	4.17	1500	3.31	2.66	0745	96
03/16/19	3.60	1430	3.10	2.60	2115	96
03/17/19	4.74	2315	2.94	2.32	0745	96
03/18/19	5.50	1530	4.74	4.24	1000	96
03/19/19	4.40	0100	3.43	2.86	1000	96
03/20/19	4.70	1745	3.60	2.77	0800	96
03/21/19	5.15	1730	4.16	3.56	0145	96
03/22/19	4.20	1000	3.75	3.25	1045	96
03/23/19	4.35	1800	3.57	2.92	0745	96
03/24/19	5.40	1745	3.96	3.24	0515	96
03/25/19	5.41	1630	4.22	3.49	0830	96
03/26/19	7.04	1745	5.05	3.51	0815	96
03/27/19	10.78	2030	6.71	5.67	1900	96
03/28/19	11.58	1215	8.34	6.43	0500	96
03/29/19	6.87	1445	6.10	5.50	0900	96
03/30/19	6.47	1400	5.59	5.05	0715	96
03/31/19	7.93	1030	5.85	4.24	0000	96
AVERAGE	6.84		5.07	3.62		
STD DEV.:	3.75		2.52	1.99		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR April 2019

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
04/01/19	4.23	0015	3.69	3.35	0745	96
04/02/19	6.29	1545	4.43	2.92	0615	96
04/03/19	7.44	1745	5.53	4.36	0945	96
04/04/19	6.79	1115	5.01	4.29	0900	96
04/05/19	7.32	1515	5.47	4.45	0030	96
04/06/19	6.82	1130	6.05	5.38	0430	96
04/07/19	7.66	2300	6.62	5.78	0715	96
04/08/19	7.53	0445	6.14	4.84	0000	96
04/09/19	6.52	1415	5.45	4.81	0130	96
04/10/19	5.97	0345	4.82	4.07	0830	96
04/11/19	6.27	1915	5.07	3.62	0530	96
04/12/19	7.46	1145	6.01	5.26	0915	96
04/13/19	9.42	1345	6.71	5.49	0200	96
04/14/19	7.82	1745	7.07	6.50	0015	96
04/15/19	8.12	1415	7.40	6.73	0000	96
04/16/19	6.70	0015	6.06	5.66	1015	96
04/17/19	8.01	2115	6.81	5.96	1015	96
04/18/19	8.48	1400	7.17	6.56	1100	96
04/19/19	9.68	1515	7.96	6.58	0500	96
04/20/19	9.49	1800	8.76	8.36	0530	96
04/21/19	10.07	2315	9.00	8.13	0300	96
04/22/19	10.35	1030	9.51	9.00	0700	96
04/23/19	10.10	0130	9.52	9.03	0945	96
04/24/19	10.65	1915	9.60	8.76	0630	96
04/25/19	10.77	1630	10.01	9.19	0845	96
04/26/19	10.38	0400	9.75	9.31	2215	96
04/27/19	9.61	1545	9.25	8.79	0615	96
04/28/19	9.71	1730	9.14	8.73	0915	96
04/29/19	9.55	1715	8.98	8.35	0945	96
04/30/19	9.35	2200	9.00	8.64	0800	96
AVERAGE	8.29		7.20	6.43		
STD DEV.:	1.68		1.87	2.02		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR May 2019

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
05/01/19	9.63	1500	8.91	8.54	0830	96
05/02/19	9.22	1715	8.91	8.67	0515	96
05/03/19	9.16	0915	8.74	8.51	2100	96
05/04/19	9.88	1530	9.02	8.48	0445	96
05/05/19	9.65	1100	9.44	9.18	0145	96
05/06/19	10.82	1345	10.05	9.52	0530	96
05/07/19	12.35	1915	11.05	10.42	0745	96
05/08/19	12.80	2045	11.89	10.92	0145	96
05/09/19	13.06	1145	12.26	11.57	0615	96
05/10/19	12.93	0745	12.07	11.70	2200	96
05/11/19	12.56	2245	12.01	11.47	0630	96
05/12/19	12.64	0015	12.06	11.52	2145	96
05/13/19	11.88	1215	11.50	11.09	1730	96
05/14/19	11.59	0145	11.24	10.93	1045	96
05/15/19	11.63	2030	11.11	10.74	0730	96
05/16/19	13.40	1700	12.15	11.14	0330	96
05/17/19	12.88	1245	12.35	11.84	0645	96
05/18/19	14.39	1645	13.33	12.29	0500	96
05/19/19	14.87	2345	14.17	13.67	0015	96
05/20/19	16.56	1500	14.98	0.41	1245	96
05/21/19	15.85	0115	15.16	14.60	0815	96
05/22/19	15.81	2000	15.03	14.27	0730	96
05/23/19	16.14	2030	15.43	14.86	0500	96
05/24/19	16.28	1215	15.55	14.94	0800	96
05/25/19	16.22	1745	15.60	14.99	0700	96
05/26/19	17.73	1730	16.58	15.68	0500	96
05/27/19	18.23	1715	17.30	16.47	0330	96
05/28/19	17.37	0015	16.25	15.04	0000	96
05/29/19	15.52	1615	14.95	14.55	0600	96
05/30/19	17.28	1430	15.40	14.48	0530	96
05/31/19	16.70	1645	15.67	14.89	0515	96
AVERAGE	13.71		12.91	11.85		
STD DEV.:	2.76		2.57	3.21		

Station N-5  
Dissolved Oxygen

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PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR June 2018

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
06/01/18	9.47	1800	8.89	8.33	0845	96
06/02/18	9.33	1645	8.81	8.36	0545	96
06/03/18	9.48	1515	8.91	8.27	0515	96
06/04/18	9.00	1700	8.65	8.28	0630	96
06/05/18	10.12	2015	8.92	8.26	0545	96
06/06/18	10.03	0415	9.35	8.59	0815	96
06/07/18	9.15	1515	8.81	8.51	0715	96
06/08/18	9.59	1730	8.65	1.47	0845	96
06/09/18	9.66	1715	9.18	8.69	0515	96
06/10/18	9.69	1700	9.25	8.81	0530	96
06/11/18	9.66	1730	9.24	8.84	0545	96
06/12/18	9.67	1800	9.28	8.84	0515	96
06/13/18	9.32	1700	9.03	8.71	0515	96
06/14/18	9.24	1645	8.83	8.44	0445	96
06/15/18	9.26	1800	8.69	8.19	0615	96
06/16/18	9.55	1700	8.93	8.26	0545	96
06/17/18	9.70	1630	9.03	8.41	0515	96
06/18/18	9.60	1600	8.99	8.43	0600	96
06/19/18	9.12	1715	8.63	8.03	0700	96
06/20/18	9.07	1630	8.47	7.69	0545	96
06/21/18	9.10	1745	8.51	7.91	0715	96
06/22/18	9.28	1715	8.68	7.98	0530	96
06/23/18	8.75	1500	8.48	8.14	0630	96
06/24/18	8.61	1630	8.35	8.04	0700	96
06/25/18	8.99	1815	8.45	7.91	0600	96
06/26/18	9.08	1800	8.64	8.10	0530	96
06/27/18	8.84	1900	8.43	8.01	0615	96
06/28/18	8.44	1500	8.17	7.84	0000	96
06/29/18	8.62	1645	8.12	7.78	0230	96
06/30/18	8.28	1545	8.02	7.07	2300	96
AVERAGE	9.26		8.75	8.01		
STD DEV.:	0.45		0.35	1.29		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR July 2018

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
07/01/18	8.31	1545	8.04	7.71	0000	96
07/02/18	8.23	1500	7.79	7.43	0000	96
07/03/18	8.00	1715	7.45	6.97	0615	96
07/04/18	7.72	1730	7.15	6.58	0630	96
07/05/18	7.33	1845	6.83	6.33	0830	96
07/06/18	6.92	0015	6.64	6.37	1045	96
07/07/18	7.31	1630	6.83	6.39	0515	96
07/08/18	7.86	1730	7.07	6.34	0500	96
07/09/18	7.98	1730	7.26	6.70	0500	96
07/10/18	8.05	1630	7.27	6.59	0630	96
07/11/18	7.93	1715	7.09	6.17	0700	96
07/12/18	8.04	1730	7.17	6.38	0630	96
07/13/18	8.02	1630	7.06	6.19	0800	96
07/14/18	7.39	1830	6.93	6.23	0830	96
07/15/18	8.30	1800	7.18	6.36	0700	96
07/16/18	8.33	1830	7.29	6.23	0815	96
07/17/18	7.45	0015	6.58	6.23	0830	96
07/18/18	7.41	1930	6.69	5.87	0545	96
07/19/18	7.98	1845	7.04	6.22	0630	96
07/20/18	8.26	1745	7.30	6.30	0630	96
07/21/18	8.12	1715	7.28	6.30	0730	96
07/22/18	7.37	0015	6.76	6.17	0830	96
07/23/18	7.69	1915	7.07	6.51	0800	96
07/24/18	7.84	1600	7.29	6.61	0700	96
07/25/18	7.91	1230	7.41	7.03	0000	96
07/26/18	7.67	1330	7.26	6.95	0545	96
07/27/18	7.46	1300	7.28	7.01	0030	96
07/28/18	7.68	1445	7.48	7.24	0545	96
07/29/18	7.52	1315	7.39	7.19	2300	96
07/30/18	7.34	1515	7.21	6.97	2345	96
07/31/18	7.30	1330	7.08	6.81	0000	96
AVERAGE	7.77		7.17	6.59		
STD DEV.:	0.37		0.31	0.43		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR August 2018

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
08/01/18	7.13	1315	6.91	6.69	0230	96
08/02/18	7.36	1445	7.02	6.62	0630	96
08/03/18	7.41	1615	7.27	7.08	0030	96
08/04/18	7.26	0045	7.15	6.99	0900	96
08/05/18	7.47	0000	7.25	6.99	0200	96
08/06/18	7.65	1500	7.48	7.33	0645	96
08/07/18	7.56	1245	7.41	7.15	0000	96
08/08/18	7.42	1415	7.22	6.99	2345	96
08/09/18	7.26	1400	7.02	6.82	0000	96
08/10/18	7.44	1515	7.11	6.83	0115	96
08/11/18	7.23	1615	7.05	6.91	0445	96
08/12/18	7.40	1845	7.19	6.30	0215	96
08/13/18	7.54	1515	7.41	7.25	0545	96
08/14/18	7.77	1530	7.66	7.51	1030	96
08/15/18	7.80	1315	7.72	7.65	2200	96
08/16/18	7.78	1515	7.72	7.61	2245	96
08/17/18	7.72	1230	7.60	7.39	0000	96
08/18/18	7.72	0930	7.50	7.16	0300	96
08/19/18	7.91	0000	7.69	7.44	0030	96
08/20/18	8.06	1545	7.93	7.80	0730	96
08/21/18	7.96	0030	7.83	6.99	0000	96
08/22/18	7.87	0830	7.78	7.47	0015	96
08/23/18	8.09	0000	7.90	7.69	0015	96
08/24/18	8.29	1230	8.15	8.06	0600	96
08/25/18	8.12	1500	7.99	7.84	2345	96
08/26/18	8.03	1415	7.86	7.57	2345	96
08/27/18	7.99	1645	7.74	6.80	0400	96
08/28/18	8.14	1645	7.81	7.56	0000	96
08/29/18	8.09	1800	7.66	7.30	0530	96
08/30/18	7.88	2045	7.58	7.20	0730	96
08/31/18	7.86	1745	7.61	7.33	0715	96
AVERAGE	7.72		7.52	7.24		
STD DEV.:	0.32		0.33	0.40		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR September 2018

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
09/01/18	7.89	2100	7.67	7.47	0745	96
09/02/18	8.22	1815	7.96	7.69	0830	96
09/03/18	8.35	1800	8.13	7.93	0645	96
09/04/18	8.50	1615	8.17	7.81	0545	96
09/05/18	8.49	1615	8.10	7.64	0600	96
09/06/18	8.26	1315	7.84	7.50	0000	96
09/07/18	7.99	1730	7.54	7.19	0545	96
09/08/18	8.07	1630	7.63	7.17	0500	96
09/09/18	8.45	1830	8.01	7.50	0445	96
09/10/18	8.72	1600	8.32	7.87	0615	96
09/11/18	8.47	1345	8.19	7.71	2145	96
09/12/18	8.90	1430	8.37	7.58	0545	96
09/13/18	8.41	1415	8.26	8.13	2200	96
09/14/18	8.87	1445	8.47	8.14	0045	96
09/15/18	8.80	1615	8.39	8.13	0000	96
09/16/18	8.59	1845	8.16	7.76	0715	96
09/17/18	8.62	1900	8.14	7.70	0930	96
09/18/18	8.29	0015	7.93	7.53	1100	96
09/19/18	8.23	1730	7.79	7.46	0730	96
09/20/18	8.16	1100	7.94	7.59	0145	96
09/21/18	8.31	1015	8.21	8.08	0015	96
09/22/18	8.49	1430	8.29	8.00	0000	96
09/23/18	8.66	1515	8.31	7.95	0315	96
09/24/18	8.91	1945	8.55	8.18	0600	96
09/25/18	9.03	1800	8.68	8.43	0900	96
09/26/18	9.18	1400	8.85	8.47	0500	96
09/27/18	9.30	0000	9.10	8.94	1145	96
09/28/18	9.30	1515	9.19	9.01	0815	96
09/29/18	9.09	1745	9.01	8.90	0630	96
09/30/18	9.24	1545	9.17	9.06	0015	96
AVERAGE	8.59		8.28	7.95		
STD DEV.:	0.40		0.45	0.52		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR    October 2018

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
10/01/18	9.32	0730	9.22	9.12	0000	96
10/02/18	9.30	1330	9.18	9.12	0015	96
10/03/18	9.68	2130	9.42	9.14	0015	96
10/04/18	9.89	1330	9.72	9.56	0000	96
10/05/18	9.77	1315	9.64	9.50	0615	96
10/06/18	9.57	0030	9.44	9.35	0745	96
10/07/18	9.46	0400	9.40	9.33	2215	96
10/08/18	9.42	0915	9.34	9.26	2030	96
10/09/18	9.48	1330	9.37	9.26	0015	96
10/10/18	9.52	1215	9.31	9.11	2300	96
10/11/18	9.25	0945	9.08	8.83	2230	96
10/12/18	9.24	2300	8.99	8.84	0015	96
10/13/18	9.63	1400	9.45	9.17	0415	96
10/14/18	9.97	1600	9.80	9.53	0015	96
10/15/18	9.90	2100	9.82	9.73	0615	96
10/16/18	9.92	2345	9.87	9.82	0245	96
10/17/18	10.09	1615	10.02	9.93	0015	96
10/18/18	10.38	1530	10.23	10.00	0400	96
10/19/18	10.56	1700	10.49	10.35	0015	96
10/20/18	10.58	0245	10.50	10.41	0000	96
10/21/18	10.60	2245	10.48	10.37	0245	96
10/22/18	10.76	1245	10.69	10.59	0015	96
10/23/18	10.93	1115	10.83	10.75	0015	96
10/24/18	10.96	1115	10.87	10.77	0015	96
10/25/18	11.23	2330	11.06	10.87	0015	96
10/26/18	11.37	2115	11.31	11.22	0015	96
10/27/18	11.45	0530	11.42	11.36	0015	96
10/28/18	11.47	1000	11.44	11.42	2145	96
10/29/18	11.55	1730	11.50	11.42	0015	96
10/30/18	11.97	1915	11.73	11.50	0300	96
10/31/18	12.08	0930	11.75	1.93	1015	95
AVERAGE	10.30		10.17	9.73		
STD DEV.:	0.87		0.88	1.68		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR November 2018

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
11/01/18	11.89	0015	11.77	11.64	0645	96
11/02/18	11.69	0015	11.39	11.23	0530	96
11/03/18	11.43	0000	11.31	11.15	1745	96
11/04/18	12.05	2245	11.89	11.37	0115	96
11/05/18	12.24	1145	12.19	12.05	0015	96
11/06/18	12.52	0330	12.14	12.00	2300	96
11/07/18	12.10	0000	12.05	12.00	0015	96
11/08/18	12.22	0815	12.17	12.10	0015	96
11/09/18	12.43	1000	12.25	12.14	0015	96
11/10/18	12.30	0200	11.86	11.68	1715	96
11/11/18	12.48	0000	12.19	11.81	0015	96
11/12/18	12.77	1930	12.68	12.47	0015	96
11/13/18	12.76	0445	12.66	12.54	1415	96
11/14/18	13.32	0000	12.92	12.52	0945	96
11/15/18	13.83	2045	13.64	13.33	0015	96
11/16/18	13.74	0015	13.66	13.56	2345	96
11/17/18	13.61	0545	13.57	13.52	2245	96
11/18/18	13.56	0515	13.51	13.45	1830	96
11/19/18	13.45	0015	13.36	13.19	2300	96
11/20/18	13.79	2300	13.32	13.17	1430	96
11/21/18	14.25	0645	13.22	12.78	1945	96
11/22/18	13.48	1000	13.26	12.82	0015	96
11/23/18	13.76	1315	13.66	13.40	0115	96
11/24/18	13.84	1800	13.75	13.69	0230	96
11/25/18	13.75	0015	13.53	13.39	2145	96
11/26/18	13.40	0015	13.08	12.86	1945	96
11/27/18	12.98	1315	12.93	12.88	1815	96
11/28/18	13.17	2345	13.07	12.93	0015	96
11/29/18	13.37	2015	13.28	13.16	0115	96
11/30/18	13.39	1245	13.35	13.31	0015	96
AVERAGE	12.99		12.79	12.60		
STD DEV.:	0.76		0.74	0.76		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR December 2018

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
12/01/18	13.35	1015	13.27	13.13	2245	96
12/02/18	13.27	1145	13.17	13.10	0430	96
12/03/18	13.14	1115	13.03	12.93	1815	96
12/04/18	13.58	1530	13.25	12.96	0045	96
12/05/18	13.90	2145	13.78	13.54	0015	96
12/06/18	13.91	0700	13.84	13.76	2330	96
12/07/18	13.77	0415	13.71	13.66	1530	96
12/08/18	13.89	2145	13.81	13.70	0015	96
12/09/18	14.18	0730	13.86	12.32	0830	96
12/10/18	13.97	0015	13.86	13.80	0515	96
12/11/18	13.92	1545	13.82	13.71	0845	96
12/12/18	13.92	0030	13.78	13.71	0715	96
12/13/18	16.30	1000	14.20	13.73	1500	96
12/14/18	14.05	0015	13.93	13.87	2345	96
12/15/18	14.17	1445	13.65	13.32	2000	96
12/16/18	13.42	1545	13.36	13.31	0315	96
12/17/18	13.32	0015	13.25	13.11	2300	96
12/18/18	13.54	2330	13.30	13.13	0015	96
12/19/18	13.55	0200	13.46	13.35	0500	96
12/20/18	14.20	0930	13.56	13.40	2245	96
12/21/18	13.61	0145	13.31	13.06	2315	96
12/22/18	13.73	0000	13.23	12.97	0330	96
12/23/18	14.39	0000	14.13	13.74	0015	96
12/24/18	14.76	0915	14.63	14.39	0015	96
12/25/18	14.59	2130	14.55	14.51	0100	96
12/26/18	14.67	0830	14.62	14.52	2330	96
12/27/18	14.51	0015	14.41	14.26	0000	96
12/28/18	14.28	0115	14.08	13.84	2315	96
12/29/18	13.83	0015	13.68	13.60	1730	96
12/30/18	13.92	2145	13.80	13.59	0015	96
12/31/18	14.02	1230	13.93	13.80	0000	96
AVERAGE	13.99		13.75	13.54		
STD DEV.:	0.60		0.44	0.49		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR January 2019

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
01/01/19	13.80	0015	13.58	13.49	2130	96
01/02/19	13.89	2345	13.73	13.51	0015	96
01/03/19	13.98	1030	13.88	13.77	2015	96
01/04/19	13.79	0745	13.70	13.51	0000	96
01/05/19	13.53	0315	13.44	13.33	2230	96
01/06/19	13.42	2345	13.34	13.28	0345	96
01/07/19	13.83	1200	13.62	13.40	0015	96
01/08/19	14.03	1400	13.92	13.72	0015	96
01/09/19	13.83	0030	13.67	13.51	2330	96
01/10/19	13.57	1445	13.51	13.40	0845	96
01/11/19	14.05	2345	13.62	13.49	0015	96
01/12/19	14.20	0715	13.95	13.66	2000	96
01/13/19	14.10	0615	13.83	13.64	1715	96
01/14/19	14.10	1430	13.85	13.58	1130	96
01/15/19	14.12	0330	13.97	13.82	2330	96
01/16/19	13.83	0100	13.71	13.55	1115	96
01/17/19	14.07	0815	13.84	13.72	0015	96
01/18/19	13.95	0400	13.87	13.79	0015	96
01/19/19	13.88	0015	13.79	13.70	2100	96
01/20/19	13.75	0430	13.69	13.63	1400	96
01/21/19	13.73	0215	13.63	13.55	1930	96
01/22/19	13.87	1845	13.78	13.62	0015	96
01/23/19	13.91	0600	13.87	13.78	2315	96
01/24/19	13.79	0515	13.68	13.48	2300	96
01/25/19	13.76	0000	13.53	13.45	0800	96
01/26/19	13.98	0315	13.75	12.21	0330	14
01/28/19	14.59	1000	14.39	9.88	0945	58
01/29/19	14.47	2230	14.31	14.17	1615	94
01/30/19	14.39	0015	14.16	13.94	1515	96
01/31/19	13.95	0030	13.87	13.82	2130	96
AVERAGE	13.94		13.78	13.45		
STD DEV.:	0.26		0.23	0.74		



PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR February 2019

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
02/01/19	14.14	1845	14.01	13.85	0115	96
02/02/19	14.14	0015	13.93	13.83	1400	96
02/03/19	14.01	0015	13.77	13.57	0000	96
02/04/19	13.57	0015	13.51	13.44	0000	96
02/05/19	13.45	0015	13.39	13.33	2330	96
02/06/19	13.37	1530	13.27	13.10	1115	96
02/07/19	13.32	1515	13.25	13.18	0400	96
02/08/19	13.50	0530	13.43	13.28	0015	96
02/09/19	13.82	2345	13.54	13.40	0430	96
02/10/19	14.10	2145	13.89	13.73	0515	96
02/11/19	14.04	0015	13.80	13.59	2145	96
02/12/19	13.89	2300	13.69	13.63	0015	96
02/13/19	13.91	0045	13.62	13.44	2345	96
02/14/19	13.46	0245	13.43	13.32	0000	96
02/15/19	13.39	1315	13.31	13.22	2315	96
02/16/19	13.25	1245	13.23	13.21	0215	96
02/17/19	13.57	2215	13.31	13.19	0745	96
02/18/19	13.63	0645	13.53	13.40	0615	96
02/19/19	13.96	1115	13.65	13.43	0130	96
02/20/19	14.03	2100	13.95	13.90	0930	96
02/21/19	13.99	0015	13.84	13.58	2345	96
02/22/19	13.58	0015	13.42	13.29	2230	96
02/23/19	13.41	0000	13.30	13.20	0700	96
02/24/19	13.41	0115	13.36	13.23	2215	96
02/25/19	13.28	0100	13.22	13.17	1630	96
02/26/19	13.59	0000	13.35	13.12	0315	96
02/27/19	14.09	1230	13.69	13.55	0015	96
02/28/19	13.87	0415	13.71	13.53	1445	96
AVERAGE	13.71		13.55	13.42		
STD DEV.:	0.30		0.24	0.23		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR March 2019

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
03/01/19	13.91	1645	13.74	13.55	1100	96
03/02/19	13.98	1500	13.83	13.60	1315	96
03/03/19	13.79	0015	13.65	13.57	1230	96
03/04/19	13.62	0015	13.47	13.39	1315	96
03/05/19	13.54	2300	13.41	13.33	1400	96
03/06/19	13.67	0515	13.57	13.49	1300	96
03/07/19	13.87	2300	13.69	13.55	1100	96
03/08/19	14.29	1815	13.81	13.72	1130	96
03/09/19	13.80	0015	13.69	13.43	0000	96
03/10/19	13.43	0230	13.24	13.09	2100	96
03/11/19	13.34	0015	13.23	13.10	0545	96
03/12/19	13.35	0915	13.24	12.82	1615	96
03/13/19	13.83	0800	13.41	13.27	0715	96
03/14/19	13.47	0015	13.39	13.26	1900	96
03/15/19	13.33	0145	13.19	12.09	1115	96
03/16/19	13.14	0900	13.08	13.02	1500	96
03/17/19	13.42	2345	13.27	13.07	0130	96
03/18/19	13.53	1500	13.42	13.31	0615	96
03/19/19	13.63	1415	13.50	13.34	0145	96
03/20/19	13.52	1545	13.45	13.33	0000	96
03/21/19	13.34	1545	13.28	13.12	2345	96
03/22/19	13.14	0015	12.82	6.34	0930	95
03/23/19	12.90	1430	12.82	12.72	0630	96
03/24/19	13.14	1415	13.01	12.85	0015	96
03/25/19	13.19	1330	13.06	12.97	2300	96
03/26/19	13.22	1415	13.06	12.96	0045	96
03/27/19	13.18	0900	13.01	12.63	0845	96
03/28/19	13.25	1530	13.01	12.70	0415	96
03/29/19	13.01	0015	12.89	12.76	2215	96
03/30/19	12.96	1700	12.84	12.76	0030	96
03/31/19	12.81	0015	12.74	12.57	2230	96
AVERAGE	13.44		13.28	12.89		
STD DEV.:	0.35		0.31	1.27		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR April 2019

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
04/01/19	13.32	0000	12.93	12.56	0030	96
04/02/19	13.88	1400	13.71	13.33	0015	96
04/03/19	13.71	0015	13.54	13.17	0000	96
04/04/19	13.28	1300	13.19	13.07	0445	96
04/05/19	13.28	1215	13.22	13.14	0000	96
04/06/19	13.15	0015	12.96	12.74	2115	96
04/07/19	12.75	0015	12.65	12.52	2300	96
04/08/19	12.56	2230	12.49	12.43	1145	96
04/09/19	13.02	2215	12.79	12.56	0015	96
04/10/19	13.26	2345	13.13	13.02	0015	96
04/11/19	13.45	0945	13.33	13.17	2300	96
04/12/19	13.17	0015	12.99	12.81	2345	96
04/13/19	12.83	0030	12.59	12.35	0000	96
04/14/19	12.37	0015	12.30	12.22	1615	96
04/15/19	12.86	1500	12.21	12.01	2000	96
04/16/19	12.90	2345	12.57	12.08	0015	96
04/17/19	13.25	1100	13.15	12.92	0015	96
04/18/19	13.11	0045	13.01	12.58	0915	96
04/19/19	12.83	0045	12.65	12.33	0000	96
04/20/19	12.32	0015	12.04	11.83	1715	96
04/21/19	12.21	2015	12.14	12.04	0015	96
04/22/19	12.32	2215	12.20	11.75	1330	96
04/23/19	12.32	0130	12.25	12.14	2245	96
04/24/19	12.14	0015	12.02	11.84	1100	96
04/25/19	12.05	1430	11.96	11.85	1345	96
04/26/19	11.96	0145	11.90	11.80	2315	96
04/27/19	11.81	0030	11.72	11.66	0815	96
04/28/19	12.25	0000	11.99	11.80	0015	96
04/29/19	12.47	2300	12.40	12.25	0015	96
04/30/19	12.48	0015	12.43	12.39	1815	96
AVERAGE	12.78		12.61	12.41		
STD DEV.:	0.54		0.53	0.50		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR May 2019

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
05/01/19	12.50	0415	12.41	12.29	0000	96
05/02/19	12.29	0100	12.11	11.95	1230	96
05/03/19	12.13	1045	12.04	11.93	0845	96
05/04/19	12.03	0430	11.98	11.87	0000	96
05/05/19	11.93	0300	11.87	11.81	2130	96
05/06/19	11.83	0130	11.62	11.30	2345	96
05/07/19	11.30	0015	11.09	10.92	0000	96
05/08/19	10.93	0015	10.81	10.71	2100	96
05/09/19	10.98	2330	10.76	10.60	1500	96
05/10/19	11.49	0530	10.66	10.21	1800	96
05/11/19	10.79	0000	10.56	10.26	0015	96
05/12/19	11.08	2315	10.93	10.80	0015	96
05/13/19	11.16	0745	11.07	10.91	2345	96
05/14/19	10.95	0030	10.84	10.74	2145	96
05/15/19	10.82	1630	10.77	10.39	1545	96
05/16/19	10.82	0445	10.65	10.39	2315	96
05/17/19	10.79	0615	10.39	10.17	2015	96
05/18/19	10.58	0530	10.25	10.15	0230	96
05/19/19	10.30	0530	10.05	9.85	2345	96
05/20/19	10.01	0745	9.84	9.62	2245	96
05/21/19	9.97	2345	9.81	9.64	0030	96
05/22/19	10.12	1145	10.08	9.97	0030	96
05/23/19	10.30	1230	10.16	10.09	0800	82
05/24/19	10.12	0015	9.94	9.83	2200	96
05/25/19	9.92	1045	9.87	9.82	0500	96
05/26/19	9.85	0015	9.75	9.60	2315	96
05/27/19	9.65	2300	9.60	9.57	0330	96
05/28/19	9.74	0915	9.69	9.66	0015	96
05/29/19	9.77	2315	9.70	9.67	0315	96
05/30/19	10.01	2100	9.92	9.77	0015	96
05/31/19	10.09	1130	10.05	9.98	0015	96
AVERAGE	10.78		10.62	10.47		
STD DEV.:	0.83		0.82	0.81		

Station N-5  
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PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR June 2018

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
06/01/18	6.94	0930	6.74	6.66	0645	96
06/02/18	6.87	1830	6.77	6.70	0545	96
06/03/18	6.98	1815	6.84	6.75	0445	96
06/04/18	6.88	1700	6.83	6.79	0830	96
06/05/18	6.81	1715	6.77	6.73	0630	96
06/06/18	6.84	1745	6.77	6.70	0445	93
06/07/18	6.85	1800	6.81	6.77	0715	96
06/08/18	6.91	1745	6.80	6.74	0545	96
06/09/18	6.89	1815	6.81	6.75	1000	96
06/10/18	6.92	1915	6.83	6.76	1300	96
06/11/18	6.96	1800	6.86	6.81	0745	96
06/12/18	6.97	1800	6.87	6.81	0130	96
06/13/18	6.91	1315	6.84	6.78	0300	96
06/14/18	6.97	1645	6.83	6.73	0430	96
06/15/18	6.96	2015	6.85	6.77	0245	96
06/16/18	6.99	1700	6.85	6.77	0500	96
06/17/18	6.99	1715	6.86	6.77	0515	96
06/18/18	7.01	1815	6.87	6.75	0515	96
06/19/18	7.15	1745	6.92	6.75	0630	96
06/20/18	6.98	1700	6.88	6.79	0445	96
06/21/18	7.03	1345	6.86	6.76	0445	96
06/22/18	7.06	1715	6.91	6.80	0530	96
06/23/18	6.91	0030	6.85	6.82	2200	96
06/24/18	6.83	0030	6.79	6.75	2330	96
06/25/18	6.93	1845	6.81	6.74	0645	96
06/26/18	6.91	1700	6.84	6.79	1245	96
06/27/18	6.93	1000	6.83	6.79	0715	96
06/28/18	6.83	1445	6.79	6.72	2345	96
06/29/18	6.82	1645	6.76	6.72	0230	96
06/30/18	6.77	0045	6.70	6.66	2315	96
AVERAGE	6.93		6.82	6.75		
STD DEV.:	0.08		0.05	0.04		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR July 2018

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
07/01/18	6.70	1730	6.67	6.63	0000	96
07/02/18	6.70	1600	6.65	6.60	0445	96
07/03/18	6.63	1715	6.58	6.55	1100	96
07/04/18	6.58	1730	6.54	6.51	0700	96
07/05/18	6.71	1030	6.52	6.48	0800	96
07/06/18	6.58	2345	6.53	6.49	1330	96
07/07/18	6.62	1630	6.58	6.56	1330	96
07/08/18	6.66	1730	6.59	6.55	0400	96
07/09/18	6.66	1745	6.59	6.55	0400	96
07/10/18	6.66	1700	6.57	6.52	0500	96
07/11/18	6.67	1715	6.57	6.50	0515	96
07/12/18	6.66	1045	6.58	6.51	0630	96
07/13/18	6.68	1645	6.58	6.52	0600	96
07/14/18	6.64	1315	6.59	6.53	0430	96
07/15/18	6.74	1745	6.60	6.53	0745	96
07/16/18	6.83	1800	6.64	6.52	0915	96
07/17/18	6.63	1030	6.57	6.54	1515	96
07/18/18	6.74	0900	6.61	6.54	0300	96
07/19/18	6.74	1730	6.65	6.61	1345	96
07/20/18	6.79	1800	6.68	6.61	0630	96
07/21/18	6.80	1730	6.69	6.60	0745	96
07/22/18	6.71	1645	6.66	6.60	0900	96
07/23/18	6.72	1930	6.66	6.61	0915	96
07/24/18	6.86	1630	6.73	6.48	1415	95
07/25/18	6.92	1245	6.86	6.81	0630	96
07/26/18	6.86	1500	6.82	6.80	0530	96
07/27/18	6.90	1415	6.84	6.76	2345	96
07/28/18	6.76	0015	6.69	6.66	2330	96
07/29/18	6.67	0030	6.63	6.61	1915	96
07/30/18	6.64	0815	6.62	6.61	2100	96
07/31/18	6.63	0845	6.61	6.59	2345	96
AVERAGE	6.71		6.64	6.58		
STD DEV.:	0.09		0.08	0.09		



PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR August 2018

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
08/01/18	6.66	2200	6.62	6.58	0200	96
08/02/18	6.77	1200	6.66	6.64	0300	96
08/03/18	6.69	1700	6.67	6.65	0045	96
08/04/18	6.67	0100	6.65	6.62	0000	96
08/05/18	6.68	0000	6.64	6.62	0215	96
08/06/18	6.69	0415	6.67	6.66	2245	96
08/07/18	6.68	0615	6.66	6.65	1115	96
08/08/18	6.79	0845	6.67	6.64	1230	96
08/09/18	6.69	0015	6.66	6.65	1045	96
08/10/18	6.74	1615	6.70	6.66	0030	96
08/11/18	6.74	1615	6.72	6.69	0145	96
08/12/18	6.75	0230	6.71	6.69	1215	96
08/13/18	6.74	0000	6.72	6.70	0445	96
08/14/18	6.75	0615	6.74	6.73	2330	96
08/15/18	6.87	1000	6.71	6.68	1015	96
08/16/18	6.70	0500	6.69	6.67	1930	96
08/17/18	6.69	0615	6.68	6.68	0030	96
08/18/18	6.72	1845	6.71	6.68	0115	96
08/19/18	6.73	1930	6.72	6.71	1000	96
08/20/18	6.73	0215	6.71	6.69	2130	96
08/21/18	6.70	0115	6.68	6.66	1215	96
08/22/18	6.71	1130	6.69	6.67	0015	96
08/23/18	6.74	0000	6.72	6.70	0215	96
08/24/18	6.77	1045	6.75	6.73	2245	96
08/25/18	6.74	0100	6.71	6.69	1530	96
08/26/18	6.71	0515	6.70	6.69	1715	96
08/27/18	6.72	0830	6.70	6.67	2145	96
08/28/18	6.74	1700	6.70	6.67	0115	96
08/29/18	6.74	1815	6.70	6.67	0545	96
08/30/18	6.79	2100	6.73	6.68	0800	96
08/31/18	6.80	1845	6.77	6.74	1100	96
AVERAGE	6.73		6.70	6.67		
STD DEV.:	0.04		0.03	0.03		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR September 2018

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
09/01/18	6.81	2100	6.79	6.76	1215	96
09/02/18	6.81	0115	6.80	6.78	0915	96
09/03/18	6.82	2345	6.79	6.77	0300	96
09/04/18	6.89	1715	6.82	6.76	0545	96
09/05/18	6.99	1730	6.84	6.74	0315	96
09/06/18	6.91	1530	6.85	6.78	0545	96
09/07/18	6.92	1400	6.86	6.79	0230	96
09/08/18	6.93	1830	6.86	6.80	0245	96
09/09/18	7.02	1715	6.93	6.85	0345	96
09/10/18	7.00	1915	6.94	6.87	0400	96
09/11/18	6.97	0030	6.93	6.89	2245	96
09/12/18	6.94	0845	6.89	6.85	0000	96
09/13/18	6.86	0030	6.84	6.82	2030	96
09/14/18	6.88	1415	6.84	6.80	0000	96
09/15/18	6.87	1645	6.82	6.79	0315	96
09/16/18	6.85	1900	6.80	6.76	1145	96
09/17/18	6.88	2015	6.81	6.76	0945	96
09/18/18	6.89	2200	6.84	6.80	0800	96
09/19/18	6.89	1800	6.84	6.80	0830	96
09/20/18	6.89	1000	6.85	6.83	0415	96
09/21/18	6.86	0500	6.83	6.80	2115	96
09/22/18	6.82	1745	6.80	6.78	0745	96
09/23/18	6.82	1415	6.79	6.77	1830	96
09/24/18	6.86	2015	6.81	6.77	0730	96
09/25/18	6.89	1730	6.84	6.81	0645	96
09/26/18	6.87	1015	6.80	6.78	1930	96
09/27/18	6.86	0600	6.83	6.81	1145	96
09/28/18	6.85	0215	6.84	6.81	0915	96
09/29/18	6.83	1545	6.82	6.80	1145	96
09/30/18	6.83	0330	6.82	6.81	1700	96
AVERAGE	6.88		6.84	6.80		
STD DEV.:	0.06		0.04	0.03		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR October 2018

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
10/01/18	6.84	0815	6.82	6.79	2345	96
10/02/18	6.96	1330	6.80	6.78	0500	96
10/03/18	6.85	2130	6.82	6.79	0045	96
10/04/18	6.82	1430	6.80	6.77	2345	96
10/05/18	6.78	1500	6.77	6.75	0330	96
10/06/18	6.78	0030	6.77	6.75	1100	96
10/07/18	6.77	0715	6.75	6.73	1700	96
10/08/18	6.78	1000	6.75	6.74	0200	96
10/09/18	6.77	1130	6.75	6.73	2300	96
10/10/18	6.81	0945	6.74	6.71	2230	96
10/11/18	6.76	1045	6.73	6.69	0145	96
10/12/18	6.81	2000	6.76	6.71	0900	96
10/13/18	6.82	1045	6.79	6.75	2345	96
10/14/18	6.77	2115	6.76	6.75	0330	96
10/15/18	6.78	1845	6.76	6.74	2015	96
10/16/18	6.79	0700	6.76	6.72	0300	96
10/17/18	6.80	0315	6.79	6.76	2245	96
10/18/18	6.83	1630	6.80	6.76	0930	96
10/19/18	6.82	0115	6.80	6.79	0000	96
10/20/18	6.80	1930	6.79	6.77	1600	96
10/21/18	6.83	2230	6.79	6.75	0430	96
10/22/18	6.84	0800	6.82	6.79	1300	96
10/23/18	6.82	2345	6.80	6.76	1530	96
10/24/18	6.85	0730	6.79	6.75	1500	96
10/25/18	6.85	0230	6.81	6.77	1145	96
10/26/18	6.88	0645	6.84	6.81	0915	96
10/27/18	6.85	0315	6.84	6.82	1345	96
10/28/18	6.84	0045	6.82	6.79	1300	96
10/29/18	6.86	0000	6.84	6.81	0130	96
10/30/18	6.87	0330	6.85	6.81	1115	96
10/31/18	6.87	1130	6.82	6.79	1800	89
AVERAGE	6.82		6.79	6.76		
STD DEV.:	0.04		0.03	0.03		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR November 2018

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
11/01/18	6.80	0015	6.74	6.70	0930	96
11/02/18	6.74	2315	6.71	6.63	0530	96
11/03/18	6.75	0215	6.71	6.62	1745	96
11/04/18	6.69	0345	6.65	6.58	2315	96
11/05/18	6.60	0215	6.55	6.50	1930	96
11/06/18	6.56	0300	6.50	6.40	0815	96
11/07/18	6.65	0100	6.57	6.53	0015	96
11/08/18	6.67	1130	6.63	6.59	0200	96
11/09/18	6.71	0115	6.63	6.59	0145	96
11/10/18	6.71	0545	6.68	6.62	0200	96
11/11/18	6.73	1015	6.71	6.69	0030	96
11/12/18	6.74	0915	6.72	6.69	2015	96
11/13/18	6.73	1430	6.70	6.67	1615	96
11/14/18	7.55	0945	6.72	6.68	0030	96
11/15/18	6.72	0100	6.71	6.70	2215	96
11/16/18	6.72	0400	6.71	6.69	2345	96
11/17/18	6.70	0015	6.68	6.67	1630	96
11/18/18	6.68	2130	6.68	6.67	0115	96
11/19/18	6.68	1515	6.67	6.67	0800	96
11/20/18	6.78	0000	6.69	6.67	0300	96
11/21/18	7.48	1045	6.76	6.72	1930	96
11/22/18	6.78	0930	6.75	6.73	2300	96
11/23/18	6.76	0600	6.74	6.73	0100	96
11/24/18	6.76	2330	6.74	6.73	1200	96
11/25/18	6.76	1800	6.76	6.75	1000	96
11/26/18	6.82	1100	6.78	6.75	1915	96
11/27/18	6.81	0830	6.80	6.78	0015	96
11/28/18	6.82	0915	6.81	6.79	2030	96
11/29/18	7.76	1430	6.83	6.79	2230	96
11/30/18	6.82	1245	6.80	6.77	0000	96
AVERAGE	6.82		6.70	6.67		
STD DEV.:	0.27		0.07	0.09		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR December 2018

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
12/01/18	6.78	1500	6.76	6.74	0730	96
12/02/18	6.78	1745	6.75	6.72	0430	96
12/03/18	6.81	2100	6.77	6.73	0500	96
12/04/18	6.83	1430	6.80	6.78	1530	96
12/05/18	6.79	1415	6.78	6.76	2245	96
12/06/18	6.76	0030	6.74	6.73	2330	96
12/07/18	6.74	0115	6.73	6.72	1800	96
12/08/18	6.73	0030	6.72	6.71	2245	96
12/09/18	6.77	0715	6.71	6.64	0830	96
12/10/18	6.75	2245	6.73	6.72	0330	96
12/11/18	6.77	2245	6.75	6.74	0045	96
12/12/18	6.78	2230	6.77	6.76	0545	96
12/13/18	6.80	1845	6.78	6.75	0900	96
12/14/18	6.79	0300	6.78	6.77	0000	96
12/15/18	6.87	1615	6.80	6.77	0045	96
12/16/18	6.86	1830	6.84	6.82	0645	96
12/17/18	6.85	1700	6.84	6.81	0915	96
12/18/18	6.90	1900	6.86	6.82	1000	96
12/19/18	6.88	1715	6.87	6.86	2345	96
12/20/18	6.87	1715	6.85	6.84	0915	96
12/21/18	6.90	1800	6.86	6.82	0000	96
12/22/18	6.90	1700	6.87	6.80	0415	96
12/23/18	6.86	0015	6.80	6.71	2330	96
12/24/18	6.72	0030	6.66	6.61	2115	96
12/25/18	6.68	1630	6.66	6.62	0245	96
12/26/18	6.71	1115	6.68	6.66	0045	96
12/27/18	6.75	1330	6.72	6.69	0245	96
12/28/18	6.85	1545	6.78	6.71	0300	96
12/29/18	6.91	1645	6.85	6.81	0615	96
12/30/18	6.83	1230	6.82	6.80	2345	96
12/31/18	6.93	2215	6.82	6.78	0330	96
AVERAGE	6.81		6.78	6.75		
STD DEV.:	0.07		0.06	0.06		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR January 2019

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
01/01/19	6.98	1145	6.94	6.83	0000	96
01/02/19	6.89	1745	6.86	6.83	0630	96
01/03/19	6.91	2100	6.88	6.84	0545	96
01/04/19	6.91	1245	6.88	6.84	0000	96
01/05/19	6.99	2000	6.90	6.82	0715	96
01/06/19	6.98	1245	6.93	6.85	1800	96
01/07/19	6.89	1200	6.87	6.82	0415	96
01/08/19	6.96	2215	6.90	6.86	0300	96
01/09/19	7.21	1745	7.05	6.92	0315	96
01/10/19	7.16	0015	7.07	6.99	2315	96
01/11/19	7.02	0600	6.99	6.97	2300	96
01/12/19	7.00	0945	6.96	6.87	1115	96
01/13/19	6.97	0145	6.94	6.92	0945	96
01/14/19	6.95	0100	6.91	6.88	0430	96
01/15/19	7.02	1600	6.93	6.87	0845	96
01/16/19	7.29	2030	7.04	6.91	0800	96
01/17/19	7.13	0015	7.07	7.04	0000	96
01/18/19	7.18	2300	7.07	7.00	1015	96
01/19/19	7.18	2145	7.11	7.07	1215	96
01/20/19	7.14	0015	7.06	6.97	2345	96
01/21/19	6.97	0015	6.91	6.86	1915	96
01/22/19	6.90	2015	6.88	6.87	0100	96
01/23/19	7.20	0000	7.04	6.90	0115	96
01/24/19	7.27	0900	7.20	7.11	0000	96
01/25/19	7.10	0015	7.03	7.00	2345	96
01/26/19	7.02	0115	6.99	6.96	0300	13
01/28/19	7.07	1000	6.86	6.84	1830	57
01/29/19	7.13	1400	6.84	6.75	2230	94
01/30/19	6.93	1830	6.82	6.73	0745	96
01/31/19	6.84	1745	6.80	6.76	0830	96
AVERAGE	7.04		6.96	6.90		
STD DEV.:	0.12		0.10	0.09		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR February 2019

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
02/01/19	6.86	1500	6.78	6.75	0445	96
02/02/19	7.04	2000	6.88	6.76	0800	96
02/03/19	7.10	1945	7.01	6.96	0915	96
02/04/19	7.14	2015	7.09	7.05	1045	96
02/05/19	7.19	2230	7.13	7.08	0315	96
02/06/19	7.19	0045	7.06	6.97	0945	95
02/07/19	7.12	0600	7.08	7.05	1800	96
02/08/19	7.11	0200	6.98	6.81	1430	96
02/09/19	6.97	0345	6.90	6.80	1430	96
02/10/19	6.92	0045	6.80	6.35	2100	96
02/11/19	6.89	0715	6.81	6.64	1900	96
02/12/19	6.88	0830	6.82	6.77	1345	96
02/13/19	6.91	0415	6.83	6.64	0900	96
02/14/19	6.98	1815	6.87	6.79	0015	96
02/15/19	7.09	1400	6.95	6.79	0645	96
02/16/19	6.94	0015	6.72	6.58	1430	96
02/17/19	6.78	0730	6.68	6.60	1400	96
02/18/19	6.87	1745	6.72	6.65	1115	96
02/19/19	6.91	2315	6.86	6.81	0015	96
02/20/19	6.94	1415	6.84	6.62	2045	96
02/21/19	7.21	1945	7.06	6.92	0515	96
02/22/19	7.17	0030	7.08	7.04	2330	96
02/23/19	7.08	1815	7.02	6.90	1000	96
02/24/19	7.14	0930	6.86	6.18	1600	96
02/25/19	7.00	0545	6.93	6.85	0015	96
02/26/19	7.03	0545	6.99	6.90	0015	96
02/27/19	7.02	1315	6.97	6.95	1845	96
02/28/19	6.99	1100	6.89	6.76	1530	96
AVERAGE	7.02		6.92	6.78		
STD DEV.:	0.12		0.12	0.21		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR March 2019

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
03/01/19	8.01	1100	6.73	6.22	2215	96
03/02/19	7.00	1330	6.60	6.15	0245	96
03/03/19	7.16	2315	6.96	6.56	0300	96
03/04/19	7.17	0200	6.86	6.58	0615	96
03/05/19	7.05	1315	6.98	6.91	0015	96
03/06/19	7.01	0600	6.94	6.86	0200	96
03/07/19	6.96	0000	6.93	6.87	1900	96
03/08/19	6.99	0045	6.89	6.77	1715	96
03/09/19	6.92	0530	6.78	6.37	1000	96
03/10/19	7.16	2030	7.03	6.81	0230	96
03/11/19	7.13	0015	6.95	6.40	1400	96
03/12/19	6.86	0045	6.76	6.60	1345	96
03/13/19	6.90	2200	6.81	6.75	2000	96
03/14/19	6.91	0600	6.70	6.38	0000	96
03/15/19	10.22	1115	6.64	5.74	0845	96
03/16/19	7.06	0815	7.04	7.02	1515	96
03/17/19	7.07	0800	7.05	7.02	0115	96
03/18/19	7.05	0015	7.01	6.98	2315	96
03/19/19	7.03	2000	7.02	6.99	0145	96
03/20/19	7.06	1100	7.02	6.99	1500	96
03/21/19	7.05	1900	7.02	6.99	2345	96
03/22/19	7.44	0745	6.74	3.98	1000	95
03/23/19	6.92	1500	6.89	6.85	0815	96
03/24/19	6.90	1800	6.88	6.86	0715	96
03/25/19	6.90	1800	6.87	6.85	0715	96
03/26/19	6.89	1400	6.87	6.84	2215	96
03/27/19	9.34	0845	6.88	6.82	1945	96
03/28/19	6.89	1530	6.87	6.83	0215	96
03/29/19	6.91	1630	6.88	6.86	0800	96
03/30/19	6.91	1700	6.90	6.89	0100	96
03/31/19	6.91	0515	6.87	6.83	2230	96
AVERAGE	7.22		6.88	6.63		
STD DEV.:	0.73		0.12	0.57		



PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR April 2019

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
04/01/19	6.93	1915	6.88	6.83	0315	96
04/02/19	6.89	1000	6.87	6.85	2315	96
04/03/19	6.86	0400	6.84	6.81	0000	96
04/04/19	6.84	1330	6.82	6.79	0445	96
04/05/19	6.84	2145	6.82	6.80	0515	96
04/06/19	6.84	0745	6.81	6.78	1730	96
04/07/19	6.83	0345	6.80	6.77	1230	96
04/08/19	6.85	2115	6.82	6.79	0845	96
04/09/19	6.88	1615	6.85	6.82	0615	96
04/10/19	6.87	1345	6.86	6.84	0745	96
04/11/19	6.88	1115	6.85	6.82	2300	96
04/12/19	6.83	0815	6.81	6.77	1945	96
04/13/19	6.84	0315	6.80	6.74	1600	96
04/14/19	6.86	2015	6.83	6.80	0130	96
04/15/19	6.87	0700	6.85	6.82	1330	96
04/16/19	6.85	0045	6.80	6.77	1900	96
04/17/19	6.79	0030	6.73	6.70	1430	96
04/18/19	6.76	2100	6.73	6.71	1015	94
04/19/19	6.77	1930	6.75	6.72	0945	96
04/20/19	6.77	2015	6.75	6.73	0915	96
04/21/19	6.76	0245	6.73	6.69	2245	96
04/22/19	6.72	0545	6.67	6.63	1500	96
04/23/19	6.65	0015	6.59	6.53	1530	96
04/24/19	6.62	2315	6.58	6.55	1030	96
04/25/19	6.63	1330	6.60	6.56	1015	95
04/26/19	6.68	2100	6.65	6.62	0815	96
04/27/19	6.69	0030	6.67	6.63	0830	96
04/28/19	6.70	2300	6.68	6.65	1000	96
04/29/19	6.70	0015	6.66	6.63	1145	96
04/30/19	6.66	2330	6.64	6.61	1000	96
AVERAGE	6.79		6.76	6.72		
STD DEV.:	0.09		0.09	0.09		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR May 2019

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
05/01/19	6.69	2330	6.66	6.62	0845	96
05/02/19	7.17	1230	6.70	6.67	0945	96
05/03/19	6.76	2130	6.74	6.72	0745	96
05/04/19	6.77	0430	6.75	6.73	1115	96
05/05/19	6.77	0330	6.75	6.73	1045	96
05/06/19	6.76	0430	6.60	6.43	1630	96
05/07/19	6.46	0215	6.44	6.42	1500	96
05/08/19	6.45	0230	6.43	6.41	1200	96
05/09/19	6.46	0415	6.43	6.37	2345	96
05/10/19	6.59	0945	6.43	6.39	0030	96
05/11/19	6.48	0000	6.45	6.41	1100	96
05/12/19	6.49	0630	6.47	6.44	1045	96
05/13/19	6.46	0230	6.42	6.39	1630	96
05/14/19	6.47	2330	6.44	6.42	1615	96
05/15/19	6.48	0430	6.46	6.44	1645	96
05/16/19	6.49	0615	6.46	6.39	1930	96
05/17/19	6.50	2000	6.47	6.44	1530	80
05/23/19	6.76	1315	6.73	6.72	2045	45
05/24/19	6.85	1730	6.75	6.73	0030	96
05/25/19	6.76	0815	6.75	6.74	0030	96
05/26/19	6.80	1545	6.76	6.75	0400	96
05/27/19	6.83	1545	6.78	6.76	0015	96
05/28/19	6.80	1145	6.79	6.78	0045	96
05/29/19	7.00	1000	6.80	6.79	0100	96
05/30/19	6.81	0145	6.80	6.79	1300	96
05/31/19	6.84	1900	6.81	6.79	2315	96
AVERAGE	6.68		6.62	6.59		
STD DEV.:	0.19		0.16	0.17		

Station N-10  
Temperature

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PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR June 2018

STATION: N10

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
06/01/18	21.46	1830	20.67	20.05	0645	96
06/02/18	22.43	1645	21.53	20.79	0645	96
06/03/18	22.35	1630	21.69	6.43	0845	81
06/04/18	21.60	0015	20.34	19.70	2330	96
06/05/18	19.66	0015	18.91	18.18	0000	96
06/06/18	18.85	1645	18.22	17.48	0745	96
06/07/18	19.01	1645	18.50	17.96	0700	96
06/08/18	19.87	1800	19.02	18.16	0545	96
06/09/18	20.01	2015	19.35	18.55	0645	96
06/10/18	20.78	1700	19.96	19.12	0800	96
06/11/18	20.98	1530	20.26	19.72	0630	96
06/12/18	21.52	1730	20.61	19.92	0600	96
06/13/18	21.15	1415	20.76	20.42	0600	96
06/14/18	21.55	1430	20.95	20.45	2345	96
06/15/18	21.14	1900	20.60	20.28	0845	96
06/16/18	21.34	1700	20.49	19.60	0545	96
06/17/18	22.45	1700	21.19	20.10	0530	96
06/18/18	22.77	1630	21.81	21.29	0130	68
06/19/18	23.75	1630	22.78	0.77	0300	85
06/20/18	23.74	1500	23.12	22.34	0545	96
06/21/18	23.53	1815	22.85	22.22	0845	96
06/22/18	23.23	1630	22.49	21.81	0615	96
06/23/18	22.37	0015	21.92	21.51	1930	96
06/24/18	21.64	1645	21.31	20.97	0800	96
06/25/18	21.86	1615	21.26	20.74	0745	96
06/26/18	22.80	1730	21.70	20.60	0615	96
06/27/18	22.23	1645	21.90	21.56	0730	96
06/28/18	21.97	1215	21.71	21.44	2345	96
06/29/18	22.76	0000	21.99	21.33	0345	96
06/30/18	23.21	1600	22.91	22.61	0715	96
AVERAGE	21.73		21.03	19.20		
STD DEV.:	1.31		1.31	4.51		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR July 2018

STATION: N10

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
07/01/18	24.53	1715	23.74	22.93	0015	96
07/02/18	25.65	1630	24.71	23.84	0445	96
07/03/18	26.66	1800	25.56	24.49	0615	96
07/04/18	27.56	1800	26.43	25.38	0615	96
07/05/18	27.84	1815	26.97	16.29	0545	93
07/06/18	27.61	0015	27.17	25.62	0000	96
07/07/18	26.42	1630	25.74	25.15	0530	96
07/08/18	26.37	1645	25.54	24.82	0600	96
07/09/18	26.40	1845	25.49	24.67	0545	96
07/10/18	27.07	1645	26.02	25.03	0545	96
07/11/18	27.32	1645	26.38	25.55	0545	96
07/12/18	26.86	1615	26.01	25.20	0645	96
07/13/18	27.12	1515	25.84	24.93	0645	96
07/14/18	25.52	0015	24.93	24.57	0730	96
07/15/18	26.14	1800	25.15	24.21	0630	96
07/16/18	26.86	1700	25.84	25.06	0700	96
07/17/18	26.09	0015	25.54	25.15	0000	96
07/18/18	26.02	1615	25.38	24.84	0600	96
07/19/18	26.26	1715	25.37	24.59	0615	96
07/20/18	26.33	1645	25.26	24.31	0630	96
07/21/18	25.91	1645	25.06	24.28	0700	96
07/22/18	25.03	0015	24.42	24.15	1145	96
07/23/18	25.45	1915	24.81	24.37	0700	96
07/24/18	25.73	1645	25.20	24.77	0645	96
07/25/18	26.12	1415	25.61	25.19	0530	96
07/26/18	25.20	0015	24.88	24.60	0800	96
07/27/18	25.01	1445	24.76	24.17	0000	96
07/28/18	24.17	1500	23.81	23.56	0700	96
07/29/18	23.58	1515	23.31	23.01	0630	96
07/30/18	23.81	1515	23.40	23.01	0615	96
07/31/18	24.40	1645	23.77	23.22	0530	96
AVERAGE	25.97		25.23	24.22		
STD DEV.:	1.11		0.95	1.65		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR August 2018

STATION: N10

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
08/01/18	24.23	1400	23.83	23.48	0500	96
08/02/18	24.28	1630	23.75	23.15	0545	96
08/03/18	25.06	1545	24.66	24.04	0015	96
08/04/18	24.76	0145	24.34	24.05	2345	96
08/05/18	25.00	0000	24.48	23.90	0545	96
08/06/18	25.65	1700	25.18	24.65	0715	96
08/07/18	26.02	1415	25.59	25.23	0545	96
08/08/18	26.70	1515	26.05	25.52	0230	96
08/09/18	26.74	1545	26.09	25.49	0615	96
08/10/18	26.58	1530	26.00	25.53	0545	96
08/11/18	25.56	0015	24.92	24.40	0000	96
08/12/18	24.36	0015	22.87	21.66	1100	96
08/13/18	22.72	1330	22.57	22.36	0000	96
08/14/18	22.36	1315	22.27	22.17	0900	96
08/15/18	23.42	1645	22.87	22.23	0015	96
08/16/18	23.85	1515	23.57	23.33	0015	96
08/17/18	24.17	1445	23.85	23.55	0015	96
08/18/18	24.05	1415	23.83	23.65	2330	96
08/19/18	23.65	0015	23.30	22.97	0800	96
08/20/18	23.24	0015	22.93	22.58	0800	96
08/21/18	22.91	0015	22.31	21.97	2345	96
08/22/18	22.13	1645	21.98	21.73	0000	96
08/23/18	21.77	1400	21.66	21.47	0800	96
08/24/18	22.06	1700	21.63	21.03	0800	96
08/25/18	22.18	1730	21.90	21.58	0815	96
08/26/18	22.57	1645	22.16	21.82	0630	96
08/27/18	23.45	1630	22.88	22.24	0245	96
08/28/18	24.75	1700	23.71	22.69	0530	96
08/29/18	25.69	1730	24.68	23.77	0645	96
08/30/18	25.51	1615	25.16	24.85	0815	96
08/31/18	24.85	0015	24.39	23.74	0000	96
AVERAGE	24.20		23.72	23.25		
STD DEV.:	1.45		1.35	1.32		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR September 2018

STATION: N10

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
09/01/18	23.70	0015	23.28	22.96	0000	96
09/02/18	23.34	1800	22.83	22.28	0830	96
09/03/18	24.20	1815	23.41	22.73	0615	96
09/04/18	25.13	1745	24.31	23.59	0530	96
09/05/18	25.94	1715	25.05	24.17	0545	96
09/06/18	26.05	1330	25.49	25.08	0000	96
09/07/18	25.10	1545	24.82	24.36	0000	96
09/08/18	24.32	0015	23.50	22.51	0000	96
09/09/18	22.48	0015	21.80	21.12	0000	96
09/10/18	21.08	0015	20.29	19.61	0000	96
09/11/18	19.58	0015	19.28	19.01	0000	96
09/12/18	19.61	1900	19.27	18.87	0430	96
09/13/18	19.50	1745	19.34	19.16	0845	96
09/14/18	20.04	1600	19.55	19.14	0515	96
09/15/18	20.77	1830	20.15	19.70	0130	96
09/16/18	21.64	1830	20.91	20.23	0730	96
09/17/18	22.34	1800	21.70	21.09	0700	96
09/18/18	22.29	1915	22.00	21.72	0915	96
09/19/18	22.09	0015	21.73	21.39	0000	96
09/20/18	21.36	0015	20.67	20.03	0000	96
09/21/18	20.03	0015	19.64	19.25	2330	96
09/22/18	19.24	0015	19.04	18.60	0000	96
09/23/18	18.69	1515	18.34	17.99	0700	96
09/24/18	17.96	0015	17.63	17.23	0715	96
09/25/18	17.46	0015	16.78	16.37	0000	96
09/26/18	16.79	2030	16.43	16.02	0630	96
09/27/18	17.00	0000	16.83	16.69	0930	96
09/28/18	17.15	1545	16.98	16.75	0915	96
09/29/18	17.20	1500	16.89	16.62	0700	96
09/30/18	16.76	0015	16.46	16.17	0845	96
AVERAGE	20.96		20.48	20.01		
STD DEV.:	2.90		2.78	2.66		



PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR October 2018

STATION: N10

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
10/01/18	16.21	0015	15.86	15.39	0000	96
10/02/18	15.37	0015	15.14	14.73	0000	96
10/03/18	14.80	2315	14.64	14.52	0900	96
10/04/18	15.13	2200	14.86	14.57	0745	96
10/05/18	15.25	1545	15.02	14.68	0745	96
10/06/18	15.21	0015	14.87	14.74	0945	96
10/07/18	14.97	1415	14.84	14.67	0715	96
10/08/18	14.87	0015	14.64	14.26	2345	96
10/09/18	14.99	2100	14.56	14.14	0630	96
10/10/18	16.31	1630	15.70	14.93	0100	96
10/11/18	16.30	1000	16.07	15.71	0000	96
10/12/18	15.70	0015	15.36	14.99	2345	96
10/13/18	14.97	0015	14.26	13.68	0000	96
10/14/18	13.65	0015	13.16	12.94	0745	96
10/15/18	12.98	0015	12.35	12.03	0000	96
10/16/18	12.02	0015	11.64	11.48	0830	96
10/17/18	11.51	0030	11.28	11.05	0000	96
10/18/18	11.04	0015	10.33	9.95	2330	96
10/19/18	9.94	0015	9.67	9.43	0915	96
10/20/18	10.12	1515	9.91	9.71	0015	96
10/21/18	9.81	0200	9.31	8.43	0000	96
10/22/18	8.42	0015	8.20	8.05	0930	96
10/23/18	8.49	1530	8.25	8.02	0145	96
10/24/18	8.08	0015	7.94	7.70	2330	96
10/25/18	7.71	0030	7.38	6.94	0000	96
10/26/18	6.93	0015	6.63	6.46	0915	96
10/27/18	6.60	0515	6.43	6.13	2345	96
10/28/18	6.13	0015	6.05	5.97	0830	96
10/29/18	6.14	0330	6.06	5.98	0000	96
10/30/18	5.98	0015	5.85	5.72	0845	96
10/31/18	5.82	0015	5.53	5.38	0830	96
AVERAGE	11.66		11.35	11.04		
STD DEV.:	3.76		3.70	3.64		

GSP MERRIMACK LLC  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR November 2018

STATION: N10

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
11/01/18	5.60	0000	5.49	5.41	0915	96
11/02/18	6.30	0000	5.88	5.60	0015	96
11/03/18	7.23	1600	6.92	6.31	0015	96
11/04/18	7.14	0015	6.88	6.70	0400	16
AVERAGE	6.57		6.29	6.00		
STD DEV.:	0.77		0.72	0.60		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR May 2019

STATION: N10

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
05/09/19	11.73	2045	11.26	10.71	0615	96
05/10/19	11.62	0015	10.94	10.52	0000	96
05/11/19	11.30	1815	10.85	10.44	0500	96
05/12/19	11.16	0015	10.53	9.88	0000	96
05/13/19	10.01	2030	9.76	9.42	0600	96
05/14/19	9.90	0100	9.83	9.73	0000	96
05/15/19	9.94	2130	9.73	9.51	0545	96
05/16/19	17.85	1015	10.28	1.31	1000	96
05/17/19	11.26	0000	10.70	10.29	0930	96
05/18/19	12.39	2145	11.67	10.97	0615	96
05/19/19	13.19	0000	12.61	12.17	0530	96
05/20/19	14.46	1615	13.65	1.36	0930	95
05/21/19	14.19	1815	13.92	13.62	0530	96
05/22/19	14.24	1715	13.76	7.38	1945	94
05/23/19	14.26	2145	13.83	13.45	0615	96
05/24/19	14.32	2045	14.05	13.69	0615	96
05/25/19	14.77	2200	14.27	13.67	0615	96
05/26/19	15.68	0000	15.13	14.45	0600	96
05/27/19	16.07	1400	15.73	15.34	0615	96
05/28/19	15.61	0015	14.68	13.87	0000	96
05/29/19	14.02	1145	13.89	13.78	0000	96
05/30/19	14.27	2245	13.91	13.63	0700	96
05/31/19	14.23	0015	14.06	13.73	0700	96
AVERAGE	13.32		12.57	11.00		
STD DEV.:	2.15		1.94	3.68		

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Station S-4  
Temperature

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PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR June 2018

STATION: S4

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
06/01/18	21.36	1700	20.89	20.47	0630	96
06/02/18	22.45	1630	21.72	21.11	0545	96
06/03/18	22.85	1530	21.82	21.18	0000	96
06/04/18	21.16	0015	20.19	19.29	0000	96
06/05/18	19.43	1100	19.09	18.40	0000	96
06/06/18	19.18	1700	18.50	17.77	0700	96
06/07/18	19.05	1830	18.56	18.03	0745	96
06/08/18	20.10	1645	19.24	18.34	0615	96
06/09/18	20.04	1715	19.55	18.85	0545	96
06/10/18	21.04	1615	20.11	19.33	0530	96
06/11/18	21.28	1700	20.42	19.70	0615	96
06/12/18	22.56	1600	20.84	19.51	0630	96
06/13/18	21.69	1130	21.02	20.46	0630	96
06/14/18	21.53	1515	21.05	20.54	0600	96
06/15/18	21.17	1800	20.77	20.31	0830	96
06/16/18	21.42	1845	20.78	20.15	1045	96
06/17/18	22.81	1745	21.51	20.26	0645	96
06/18/18	24.70	1845	22.99	21.66	0900	96
06/19/18	23.87	1715	23.22	22.55	0845	96
06/20/18	24.12	1630	23.35	22.56	0700	96
06/21/18	23.40	1645	23.00	22.75	0545	96
06/22/18	24.24	1430	22.91	22.05	0700	96
06/23/18	22.61	0015	22.04	21.21	0000	96
06/24/18	22.00	1700	21.56	21.09	0230	96
06/25/18	22.09	1515	21.45	21.09	0600	96
06/26/18	22.71	1845	21.69	20.73	0630	96
06/27/18	22.58	1515	22.18	21.72	0645	96
06/28/18	22.20	1715	21.86	21.56	0900	96
06/29/18	23.39	2000	22.49	21.51	0600	96
06/30/18	24.20	1515	23.68	23.09	0015	96
AVERAGE	22.04		21.28	20.58		
STD DEV.:	1.52		1.41	1.43		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR July 2018

STATION: S4

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
07/01/18	28.12	1915	25.12	23.45	0100	96
07/02/18	30.23	2030	27.68	24.76	0145	96
07/03/18	31.13	2030	28.22	26.32	1215	96
07/04/18	31.03	2015	29.17	27.44	0645	96
07/05/18	31.63	2030	29.52	27.02	1130	96
07/06/18	30.23	0100	28.21	26.03	0000	96
07/07/18	26.70	1645	25.78	24.85	0700	96
07/08/18	26.97	1615	25.78	24.89	0715	96
07/09/18	27.53	1615	26.11	24.76	0915	96
07/10/18	27.32	1645	26.27	25.31	0915	96
07/11/18	26.99	1630	26.43	25.85	0930	96
07/12/18	27.52	1600	26.37	25.57	1000	96
07/13/18	27.69	1500	26.22	25.39	0945	96
07/14/18	25.86	0015	25.30	24.72	0000	96
07/15/18	26.63	1815	25.36	24.41	0545	96
07/16/18	27.60	1645	26.25	25.39	0545	96
07/17/18	26.48	0015	25.90	25.19	0000	96
07/18/18	26.15	1645	25.35	24.90	0730	96
07/19/18	26.70	1615	25.55	24.64	0745	96
07/20/18	26.83	1600	25.67	24.78	0900	96
07/21/18	26.17	1530	25.36	24.74	0945	96
07/22/18	25.12	0015	24.62	24.33	1300	96
07/23/18	26.01	1730	25.04	24.23	0445	96
07/24/18	26.07	1545	25.46	25.01	0645	96
07/25/18	26.35	1515	25.74	25.25	0245	96
07/26/18	25.49	1315	25.18	24.84	2345	96
07/27/18	25.55	1215	25.00	24.46	0000	96
07/28/18	24.65	1530	24.18	23.69	0000	96
07/29/18	24.01	1500	23.64	23.31	0630	96
07/30/18	24.27	1515	23.66	23.11	0615	96
07/31/18	24.86	1630	24.00	23.21	0545	96
AVERAGE	27.03		25.88	24.90		
STD DEV.:	1.99		1.43	1.00		



PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR August 2018

STATION: S4

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
08/01/18	24.22	1445	23.96	23.60	0615	96
08/02/18	24.74	1615	24.00	23.29	0630	96
08/03/18	25.59	1445	24.81	24.02	0215	96
08/04/18	24.71	0015	24.43	24.00	0000	96
08/05/18	25.40	1515	24.55	23.73	0500	96
08/06/18	25.93	2000	25.36	24.65	0630	96
08/07/18	28.79	1430	26.52	25.62	0645	96
08/08/18	27.12	1630	26.13	24.45	1700	68
08/10/18	26.28	1500	25.64	6.47	0745	66
08/11/18	25.61	0015	24.78	24.41	0000	96
08/12/18	24.37	0015	23.47	22.74	0000	96
08/13/18	22.75	1515	22.64	22.51	0815	96
08/14/18	22.76	1400	22.49	22.31	0745	96
08/15/18	23.30	1800	22.77	22.21	0545	96
08/16/18	24.18	0000	23.61	23.01	0530	96
08/17/18	25.89	1445	24.51	23.65	0630	96
08/18/18	24.21	1430	23.88	23.51	0000	96
08/19/18	23.64	1115	23.39	23.06	0000	96
08/20/18	23.22	1200	22.98	22.71	0000	96
08/21/18	22.71	1400	22.47	21.99	0000	96
08/22/18	22.34	1500	22.01	21.73	0845	96
08/23/18	22.11	1245	21.77	21.50	0000	96
08/24/18	21.93	1630	21.65	21.28	0645	96
08/25/18	22.27	1415	21.93	21.56	0600	96
08/26/18	22.72	1600	22.15	21.43	0630	96
08/27/18	23.45	1600	22.76	21.89	0600	96
08/28/18	28.46	0000	25.39	8.80	0630	77
08/29/18	30.66	1845	29.28	27.51	0630	96
08/30/18	29.82	0115	27.11	24.82	2345	96
08/31/18	25.56	1415	24.82	24.00	0000	96
AVERAGE	24.82		24.04	22.22		
STD DEV.:	2.31		1.77	4.21		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR September 2018

STATION: S4

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
09/01/18	23.97	0015	23.61	23.12	0000	96
09/02/18	24.29	1500	23.42	22.70	0815	96
09/03/18	25.40	1530	24.12	22.95	0600	96
09/04/18	38.02	0900	25.59	19.49	2315	96
09/05/18	36.94	0845	25.04	18.06	0300	96
09/06/18	41.37	0900	26.19	20.54	0000	96
09/07/18	23.52	0915	19.73	16.75	0000	96
09/08/18	21.37	1100	16.78	12.57	0000	96
09/09/18	18.21	0930	14.04	10.45	0545	96
09/10/18	17.04	1315	13.90	10.43	0430	96
09/11/18	19.99	1600	17.54	14.75	0130	96
09/12/18	19.53	1645	18.61	18.09	0000	96
09/13/18	22.24	1100	19.26	17.58	2215	96
09/14/18	22.12	1115	19.18	17.48	0530	96
09/15/18	21.27	1215	18.98	17.29	0000	96
09/16/18	26.85	0915	21.54	17.27	0015	96
09/17/18	28.97	0915	21.71	17.41	0345	96
09/18/18	23.70	1400	20.82	18.95	0000	96
09/19/18	21.79	1445	20.17	16.58	0900	96
09/20/18	21.24	0015	20.73	20.07	0000	96
09/21/18	20.06	0015	19.65	19.21	2215	96
09/22/18	19.67	1400	19.21	18.49	0000	96
09/23/18	18.99	1415	18.42	17.86	0645	96
09/24/18	18.09	0015	17.61	17.19	2300	96
09/25/18	17.17	0015	16.75	16.58	1800	96
09/26/18	17.11	1615	16.70	16.29	0645	96
09/27/18	17.46	1300	17.03	16.70	0600	96
09/28/18	17.22	1430	16.98	16.83	0030	96
09/29/18	17.45	1330	16.96	16.59	0715	96
09/30/18	16.99	1415	16.57	16.30	0000	96
AVERAGE	22.60		19.56	17.49		
STD DEV.:	6.33		3.22	2.96		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR October 2018

STATION: S4

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
10/01/18	16.30	0015	15.99	15.52	0000	96
10/02/18	15.53	0015	15.21	14.82	0000	96
10/03/18	14.86	1515	14.69	14.48	0630	96
10/04/18	15.25	1730	15.02	14.77	0700	96
10/05/18	15.48	1300	15.15	14.80	0645	96
10/06/18	15.20	1445	15.01	14.87	0745	96
10/07/18	15.33	1400	15.06	14.82	0545	96
10/08/18	15.04	0015	14.73	14.36	2345	96
10/09/18	15.19	1615	14.75	14.24	0600	96
10/10/18	16.48	1530	15.80	15.01	0615	96
10/11/18	16.29	0045	16.08	15.77	0000	96
10/12/18	15.76	0015	15.38	14.87	0000	96
10/13/18	14.86	0015	14.32	13.71	0000	96
10/14/18	13.69	0015	13.32	12.93	0000	96
10/15/18	12.93	0015	12.50	12.25	2315	96
10/16/18	12.26	0015	11.83	11.36	0000	96
10/17/18	12.10	1230	11.63	11.26	0215	96
10/18/18	11.55	0030	10.66	9.84	0000	96
10/19/18	10.38	1245	9.83	9.47	0715	96
10/20/18	10.65	1430	10.08	9.69	0145	96
10/21/18	9.90	1145	9.51	8.55	0000	96
10/22/18	8.94	1300	8.45	8.04	0700	96
10/23/18	8.96	1615	8.38	8.08	0645	96
10/24/18	8.37	1430	8.11	7.67	0000	96
10/25/18	8.00	1200	7.55	7.00	0000	96
10/26/18	7.32	1230	6.77	6.53	0715	96
10/27/18	6.62	1415	6.50	6.30	0000	96
10/28/18	6.46	1500	6.30	6.14	0645	96
10/29/18	6.38	1430	6.24	6.04	2345	96
10/30/18	6.49	1730	6.18	5.91	0000	96
10/31/18	5.90	0015	5.72	5.55	0730	96
AVERAGE	11.89		11.51	11.12		
STD DEV.:	3.67		3.66	3.63		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR November 2018

STATION: S4

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
11/01/18	5.78	2345	5.69	5.63	0800	96
11/02/18	6.48	0000	6.07	5.78	0015	96
11/03/18	7.49	1645	7.12	6.49	0015	96
11/04/18	7.51	2045	7.28	6.99	0730	96
11/05/18	7.44	0015	7.15	6.94	0000	96
11/06/18	7.93	2345	7.59	6.93	0030	96
11/07/18	9.41	1100	8.92	7.86	0015	96
11/08/18	8.96	0015	7.70	7.04	1415	96
11/09/18	7.46	1430	7.17	6.80	0815	96
11/10/18	7.31	0200	6.72	6.19	0000	96
11/11/18	6.17	0015	5.66	5.28	0000	96
11/12/18	5.26	0015	4.87	4.69	0000	96
11/13/18	4.90	1730	4.66	4.53	1245	96
11/14/18	5.69	1130	5.00	4.20	0645	96
11/15/18	5.49	1245	4.93	4.29	0000	96
11/16/18	5.21	0915	4.68	3.79	0000	96
11/17/18	4.09	0045	2.80	2.23	0000	96
11/18/18	5.21	2300	2.95	2.10	0715	96
11/19/18	6.23	0000	5.87	5.22	0030	96
11/20/18	6.25	0145	5.05	2.73	2300	96
11/21/18	3.80	1900	3.24	2.71	0400	96
11/22/18	4.75	0000	3.57	2.58	1615	96
11/23/18	5.34	1045	4.99	4.15	0500	96
11/24/18	5.57	1300	5.26	4.98	0415	96
11/25/18	5.43	1015	5.18	4.32	2345	96
11/26/18	4.53	0015	3.27	2.45	1030	96
AVERAGE	6.14		5.52	4.88		
STD DEV.:	1.43		1.61	1.72		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR May 2019

STATION: S4

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
05/09/19	11.64	1330	11.23	10.64	0515	96
05/10/19	11.53	0015	10.95	10.47	0000	96
05/11/19	11.30	1315	10.87	10.34	0445	96
05/12/19	11.12	0015	10.57	9.95	0000	96
05/13/19	10.04	1400	9.81	9.50	0545	96
05/14/19	10.35	1530	9.76	9.48	1300	96
05/15/19	9.93	1415	9.74	9.49	0515	96
05/16/19	11.90	1300	10.32	0.28	1215	94
05/17/19	11.13	1600	10.78	10.37	0900	96
05/18/19	12.38	2315	11.75	11.01	0600	96
05/19/19	13.20	0000	12.71	12.22	0515	96
05/20/19	22.25	1045	13.99	5.07	1030	92
05/21/19	14.25	0015	13.95	13.60	0645	96
05/22/19	14.19	1545	13.85	13.32	0600	96
05/23/19	14.23	1315	13.91	13.51	0600	96
05/24/19	14.34	1215	14.09	13.74	0515	96
05/25/19	14.77	1415	14.37	13.69	0545	96
05/26/19	15.98	1515	15.30	14.50	0545	96
05/27/19	16.45	1415	15.89	15.44	0545	96
05/28/19	15.72	0015	14.77	13.85	0000	96
05/29/19	14.07	1615	13.83	13.63	0515	96
05/30/19	14.37	1415	14.00	13.58	0445	96
05/31/19	14.48	1400	14.25	13.90	0630	96
AVERAGE	13.46		12.64	11.37		
STD DEV.:	2.73		1.98	3.39		

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