

December 16, 2016

D33785

Mr. Eugene J. Forbes, P.E., Director  
NH Department of Environmental Services  
Water Division  
29 Hazen Drive, P.O. Box 95  
Concord, NH 03302-0095

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Reference: NPDES Permit No. NH0001465, Merrimack Station, Public Service Company of New Hampshire, issued June 25, 1992, modified October 22, 1992.

Dear Mr. Forbes:

Merrimack Station  
Environmental Monitoring Program  
2015 – 2016 Annual Report

In accordance with Part I, Section 13., of the referenced NPDES permit, Public Service of New Hampshire d/b/a Eversource Energy herein submits the Environmental Monitoring Program Annual Report for Merrimack Station for the period of June 1, 2015 through May 31, 2016.

Attached please find all monthly data from the four river monitoring stations at Merrimack Station. Similar to prior reports, Tables 1 and 2 are enclosed to provide a summary of the data. 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 Environmental Monitoring Program Annual Reports.

If you have any questions regarding this report, please contact Allan Palmer, NH Generation, at (603) 634-2439.

Very truly yours,

EVERSOURCE ENERGY



Elizabeth H. Tillotson  
Manager – Regulatory and Environmental  
NH Generation



## 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 (SMR-04)  
OES4 – SMR  
5 Post Office Square - Suite 100  
Boston, MA 02109-3912



Table 1. Summary of Monthly Average Data

	N-10	N-5		S-0			S-4
	Temp	DO	pH	Temp	DO	pH	Temp
June	19.28	8.69	6.70	21.41	7.34	6.58	19.78
July	23.01	7.75	6.64	24.48	9.08	6.61	23.17
Aug	24.78	7.66	6.75	25.53	7.93	6.53	25.01
Sept	22.24	7.84	6.80	23.43	7.19	6.60	22.71
Oct	11.88	9.90	6.61	15.09	8.32	6.53	12.12
Nov	6.75	11.30	6.66	8.87	10.36	6.59	6.93
Dec	NA	13.52	6.70	4.84	13.20	6.56	NA
Jan	NA	12.90	6.69	6.53	12.37	6.53	NA
Feb	NA	10.42	6.60	4.12	12.27	6.66	NA
March	4.63	8.91	6.68	4.42	11.73	6.62	4.82
April	8.44	10.33	6.69	9.04	7.61	6.58	8.49
May	14.95	9.64	6.76	15.06	7.94	6.59	14.98

Table 2. Summary of pH Data

Month	N-5 pH Range	S-0 pH Range
June	6.56 – 6.86	6.23 – 6.90
July	6.44 – 6.92	6.16 – 7.23
Aug	6.58 – 7.11	6.25 – 7.13
Sept	6.61 – 7.35	6.28 – 7.42
Oct	6.38 – 6.78	6.24 – 6.87
Nov	6.57 – 6.75	6.30 – 6.83
Dec	6.51 – 6.82	6.20 – 6.84
Jan	6.50 – 6.83	6.12 – 7.22
Feb	6.42 – 6.79	6.30 – 7.18
March	6.49 – 6.78	6.15 – 7.43
April	6.49 – 6.82	6.30 – 6.91
May	6.41 – 7.02	6.31 – 6.89

Temperature Units = Degrees Centigrade

Dissolved Oxygen Units = DO = mg/liter

pH Units = Standard Units

NA - Station is not in service during winter months



### Monthly Data

Merrimack Station environmental monitoring data is organized in the following chronological sequence, June 2015 through May 2016. 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





**Station S-0  
Dissolved Oxygen**



PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR June 2015

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
06/01/15	5.85	0415	5.48	5.29	1200	96
06/02/15	5.55	1700	5.35	5.07	1145	96
06/03/15	10.03	2315	8.30	5.25	0315	96
06/04/15	10.00	0015	9.55	9.11	2245	96
06/05/15	9.15	0015	7.95	6.85	0000	96
06/06/15	6.81	0015	5.49	4.56	0000	96
06/07/15	4.56	0015	4.08	3.71	0000	96
06/08/15	9.27	0800	7.29	3.58	0645	96
06/09/15	8.62	0015	8.03	7.55	1830	96
06/10/15	7.77	0915	7.57	7.02	0000	96
06/11/15	7.12	0000	6.95	6.60	0930	96
06/12/15	7.12	0015	6.83	6.55	1015	96
06/13/15	6.85	0045	6.53	6.32	1545	96
06/14/15	6.36	0015	5.95	5.77	1615	96
06/15/15	9.00	1215	7.17	5.51	1145	96
06/16/15	8.56	0015	8.29	8.08	0945	96
06/17/15	8.92	2330	8.55	8.31	0015	96
06/18/15	8.95	0045	8.57	8.28	1445	96
06/19/15	8.56	0545	8.35	8.17	1515	96
06/20/15	8.38	0015	8.16	7.93	1400	96
06/21/15	8.35	2345	8.00	7.72	1245	96
06/22/15	8.40	0200	7.91	7.47	1500	96
06/23/15	7.91	2345	7.69	7.43	1415	96
06/24/15	7.95	0300	7.54	7.14	2130	96
06/25/15	7.20	0015	6.77	6.08	0800	96
06/26/15	7.12	0030	6.90	6.70	1745	96
06/27/15	7.30	1845	6.98	6.69	1115	96
06/28/15	7.10	0030	6.99	6.74	0000	96
06/29/15	6.81	0000	6.61	6.46	1400	96
06/30/15	14.93	0000	10.41	5.91	0930	96
AVERAGE	8.02		7.34	6.59		
STD DEV.:	1.83		1.29	1.35		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR July 2015

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
07/01/15	15.17	0115	14.71	14.02	1700	96
07/02/15	16.73	0000	15.02	14.25	0530	96
07/03/15	17.37	0430	16.56	15.50	1545	96
07/04/15	16.88	0430	16.29	14.57	0000	96
07/05/15	14.51	0015	12.06	10.40	2330	96
07/06/15	10.40	0015	8.93	8.04	1845	95
07/07/15	8.16	0200	7.54	6.99	1700	96
07/08/15	7.32	0145	6.96	6.56	1345	96
07/09/15	8.79	0900	7.84	6.83	0745	96
07/10/15	8.55	0645	8.08	7.69	1315	96
07/11/15	8.83	2330	7.98	7.55	1215	96
07/12/15	8.25	0700	8.05	7.68	1215	96
07/13/15	8.33	0615	8.12	7.41	0945	96
07/14/15	8.56	2315	8.33	8.23	0130	96
07/15/15	8.98	1015	8.57	8.49	0445	41
07/16/15	9.12	2315	8.88	8.64	1230	55
07/17/15	9.95	2345	9.10	8.22	1100	96
07/18/15	9.93	0015	8.99	8.14	0000	96
07/19/15	8.56	2330	7.91	7.35	0730	96
07/20/15	10.52	2345	9.30	8.27	0700	96
07/21/15	10.52	0015	8.49	7.02	1930	96
07/22/15	8.15	0700	7.79	7.15	0015	96
07/23/15	8.60	2330	7.94	6.80	0830	96
07/24/15	8.71	0145	8.24	7.60	1600	96
07/25/15	7.99	0030	7.26	6.16	0000	96
07/26/15	6.16	0015	5.52	5.15	1030	96
07/27/15	6.58	1830	5.74	5.05	0415	96
07/28/15	7.34	1930	6.64	6.22	1200	96
07/29/15	9.06	0000	7.95	6.98	0745	96
07/30/15	9.30	0315	8.52	7.73	2230	96
07/31/15	8.66	0845	8.09	7.68	1400	96
AVERAGE	9.87		9.08	8.33		
STD DEV.:	3.00		2.82	2.65		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR August 2015

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
08/01/15	8.22	0015	7.64	6.87	1545	96
08/02/15	7.42	0015	6.36	5.73	0000	96
08/03/15	8.57	1130	7.01	5.03	1000	96
08/04/15	8.14	0015	7.25	8.85	1230	96
08/05/15	7.13	0545	6.79	6.47	1215	96
08/06/15	7.05	0030	6.79	6.41	0715	96
08/07/15	8.93	2100	7.58	6.39	1215	96
08/08/15	8.76	2330	8.52	8.13	1030	96
08/09/15	8.81	0530	8.56	8.16	1230	96
08/10/15	8.66	0300	8.42	8.09	0945	96
08/11/15	8.80	1930	8.66	8.34	1245	96
08/12/15	8.73	0815	8.65	8.54	0515	35
08/13/15	9.24	2245	7.94	6.07	1245	59
08/14/15	10.76	0000	9.24	7.14	0745	96
08/15/15	10.92	1200	10.19	8.58	2245	96
08/16/15	9.81	0015	9.28	8.59	1430	96
08/17/15	8.99	0230	5.68	3.98	0000	96
08/18/15	8.71	0845	6.35	3.99	0015	83
08/19/15	7.76	1800	7.29	6.85	0415	96
08/20/15	10.12	1830	8.37	6.71	0700	96
08/21/15	9.46	1430	8.64	8.04	0930	96
08/22/15	9.79	1200	8.78	8.12	0545	96
08/23/15	9.40	1415	8.30	7.71	0800	96
08/24/15	8.94	2045	8.40	7.89	0930	96
08/25/15	8.50	0015	8.01	7.64	2315	96
08/26/15	8.92	1345	8.00	7.20	0515	96
08/27/15	9.20	1030	8.08	7.65	2030	96
08/28/15	8.19	1000	7.54	6.66	1415	96
08/29/15	8.43	1345	7.22	5.92	0645	96
08/30/15	8.70	1900	7.69	6.58	1145	96
08/31/15	10.97	1530	8.74	6.01	0945	96
AVERAGE	8.90		7.93	7.01		
STD DEV.:	0.97		0.97	1.29		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR September 2015

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM		DAILY AVERAGE	MINIMUM		#of INT.
	(PARAM)	TIME		(PARAM)	TIME	
09/01/15	9.33	1600	7.85	6.71	0745	96
09/02/15	10.34	1615	8.49	6.50	0830	96
09/03/15	10.32	1100	9.12	8.12	2215	96
09/04/15	8.71	1315	7.59	6.91	2230	96
09/05/15	9.47	1200	8.03	6.91	0745	96
09/06/15	9.78	1400	8.11	7.07	2230	96
09/07/15	9.54	1930	7.83	6.65	0615	96
09/08/15	8.97	1200	7.38	6.60	2245	96
09/09/15	7.48	1045	7.03	6.70	0015	96
09/10/15	7.24	1615	7.02	6.51	2115	96
09/11/15	8.07	1015	7.42	6.84	2345	96
09/12/15	6.87	0030	6.50	5.92	0000	96
09/13/15	5.94	2245	5.59	5.37	1745	96
09/14/15	7.74	1300	6.41	5.55	0030	96
09/15/15	7.30	1445	6.49	5.96	0115	96
09/16/15	7.52	1630	6.68	6.06	0630	96
09/17/15	8.73	1615	7.21	5.87	0500	96
09/18/15	7.96	1530	7.08	6.27	0815	96
09/19/15	7.52	1600	6.84	6.45	0000	96
09/20/15	8.27	1530	7.16	6.26	0500	96
09/21/15	8.31	1545	7.31	6.57	2045	96
09/22/15	7.74	1100	7.08	6.39	0700	96
09/23/15	8.05	1500	7.00	6.45	0000	96
09/24/15	8.16	1600	6.99	6.49	0015	96
09/25/15	7.09	2100	6.83	6.57	0245	96
09/26/15	7.77	1130	6.99	6.64	2315	96
09/27/15	7.55	1100	6.90	6.57	0315	96
09/28/15	7.81	0945	6.91	6.58	0430	96
09/29/15	7.27	1245	6.91	6.48	1745	96
09/30/15	7.63	2145	7.11	6.77	2315	96
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AVERAGE	8.15		7.19	6.49		
STD DEV.:	1.04		0.67	0.50		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
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MONTHLY SUMMARY REPORT FOR October 2015

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
10/01/15	6.90	2100	6.69	6.43	0500	96
10/02/15	7.17	1215	6.53	5.78	2230	96
10/03/15	6.08	0500	5.82	5.57	2100	96
10/04/15	6.07	0930	5.46	4.95	0000	96
10/05/15	6.19	1530	5.62	4.85	0600	96
10/06/15	6.53	1600	6.04	5.60	0445	96
10/07/15	6.55	1230	6.09	5.70	0745	96
10/08/15	6.49	1245	5.85	5.33	2130	96
10/09/15	7.14	2145	5.66	5.00	0330	96
10/10/15	7.45	1330	6.17	4.76	0630	96
10/11/15	7.19	1515	6.31	5.64	0630	96
10/12/15	8.95	2215	6.91	5.13	0115	96
10/13/15	8.25	0030	7.60	6.98	2345	96
10/14/15	7.55	1445	6.53	4.95	1945	96
10/15/15	11.24	1515	9.08	5.74	0130	96
10/16/15	12.15	1330	10.97	10.35	0030	96
10/17/15	13.04	1645	11.52	9.72	1430	96
10/18/15	14.00	2315	10.52	8.21	1700	96
10/19/15	12.86	0330	9.95	8.60	0645	96
10/20/15	9.97	2100	8.76	7.20	2315	96
10/21/15	9.14	1130	7.62	5.97	2245	96
10/22/15	11.39	2315	7.61	5.73	0645	96
10/23/15	11.18	0915	8.87	6.87	2230	96
10/24/15	10.26	1930	7.96	6.76	1115	96
10/25/15	14.51	2045	9.08	6.50	0400	96
10/26/15	12.26	0015	8.44	6.59	2030	96
10/27/15	14.36	2300	10.72	6.44	0745	96
10/28/15	13.77	0030	13.06	11.95	1600	96
10/29/15	13.31	1430	11.98	10.55	0200	96
10/30/15	13.41	1215	12.06	11.12	0315	96
10/31/15	14.01	2030	12.42	11.16	1145	96
AVERAGE	9.98		8.32	6.97		
STD DEV.:	3.02		2.35	2.14		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR November 2015

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM		DAILY AVERAGE	MINIMUM		#of INT.
	(PARAM)	TIME		(PARAM)	TIME	
11/01/15	13.69	1515	12.92	12.16	2330	96
11/02/15	13.09	1015	11.54	10.97	0915	96
11/03/15	12.00	1400	10.10	7.41	2300	96
11/04/15	9.45	1530	7.35	6.08	2230	96
11/05/15	11.50	2000	7.83	6.03	0100	96
11/06/15	9.53	1700	7.66	6.19	0900	96
11/07/15	10.60	0915	8.14	6.26	0415	96
11/08/15	11.04	1330	8.12	7.07	0730	96
11/09/15	11.76	1300	8.53	7.56	0115	96
11/10/15	11.12	1200	8.48	6.44	2130	96
11/11/15	9.26	0745	7.69	6.70	0400	96
11/12/15	14.30	1600	9.56	6.52	0400	96
11/13/15	13.77	1800	11.68	10.07	0045	96
11/14/15	14.63	1300	11.65	9.87	2300	96
11/15/15	15.00	0815	11.26	9.89	0315	96
11/16/15	15.87	1315	11.47	9.54	0015	96
11/17/15	14.57	1700	11.92	10.24	0130	96
11/18/15	15.00	1130	10.61	8.18	0000	96
11/19/15	11.05	1230	8.94	7.74	2115	96
11/20/15	14.34	1145	10.43	8.15	0315	96
11/21/15	12.49	0345	11.04	9.56	2115	96
11/22/15	13.00	1045	10.00	8.85	1415	96
11/23/15	13.24	0830	10.65	9.42	0700	96
11/24/15	13.06	1000	11.17	9.85	0100	96
11/25/15	12.99	1130	11.20	9.93	0145	96
11/26/15	14.85	0415	11.82	10.28	1730	96
11/27/15	12.73	0730	11.22	9.42	1900	96
11/28/15	12.87	1745	10.66	9.43	0545	96
11/29/15	15.20	1300	12.71	10.59	0545	96
11/30/15	15.90	2115	14.60	13.65	0030	96
AVERAGE	12.93		10.36	8.80		
STD DEV.:	1.89		1.80	1.93		



PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR December 2015

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
12/01/15	17.66	1745	15.30	12.38	0600	96
12/02/15	16.94	0315	13.88	12.69	1615	96
12/03/15	16.53	1045	13.55	12.44	1445	96
12/04/15	17.35	1900	14.12	12.32	1130	96
12/05/15	15.82	1030	13.10	11.16	2300	96
12/06/15	13.60	1215	12.41	11.62	0400	96
12/07/15	14.11	1145	12.83	12.17	1915	96
12/08/15	14.79	1030	13.08	12.32	2015	96
12/09/15	14.88	0745	12.81	11.93	2130	96
12/10/15	14.72	2115	13.40	12.36	0030	76
12/11/15	14.80	0045	13.91	13.13	2300	96
12/12/15	14.89	1015	13.81	12.93	2230	96
12/13/15	14.75	1100	13.65	13.01	1930	96
12/14/15	14.04	2145	13.35	12.87	1745	96
12/15/15	15.72	1115	14.16	13.04	0545	96
12/16/15	15.42	0045	13.06	11.27	0000	96
12/17/15	13.04	1600	12.31	11.63	0315	96
12/18/15	13.01	2030	12.37	11.76	0630	96
12/19/15	13.23	1415	12.62	11.74	0200	96
12/20/15	13.63	1115	12.78	12.13	2215	96
12/21/15	13.36	1345	12.65	12.14	1515	96
12/22/15	13.30	2345	12.59	12.04	0445	96
12/23/15	13.82	1015	13.02	12.41	0930	96
12/24/15	13.85	2345	13.22	12.61	0445	96
12/25/15	14.13	1330	13.49	12.81	2215	96
12/26/15	13.55	1130	12.97	12.55	1400	96
12/27/15	13.54	2130	12.56	11.76	1900	96
12/28/15	14.39	0845	13.19	11.28	1415	96
12/29/15	13.71	2145	13.19	12.49	0500	96
12/30/15	14.06	0945	13.27	12.39	2115	96
12/31/15	13.67	0200	12.61	11.71	2300	96
AVERAGE	14.53		13.20	12.23		
STD DEV.:	1.26		0.64	0.54		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR January 2016

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
01/01/16	12.59	2230	11.92	11.43	0800	96
01/02/16	13.33	1045	12.11	11.44	0130	96
01/03/16	13.56	2215	12.63	11.67	0330	96
01/04/16	13.51	0200	12.83	12.07	2300	96
01/05/16	13.14	0815	11.65	10.76	0730	96
01/06/16	12.27	1445	11.60	11.09	0415	96
01/07/16	12.31	0715	11.44	10.77	1245	96
01/08/16	11.62	0900	11.16	10.74	2100	96
01/09/16	10.93	1245	10.64	10.14	2230	96
01/10/16	13.31	2115	11.05	10.15	0430	96
01/11/16	14.62	1245	13.50	12.80	2030	96
01/12/16	14.22	0200	13.45	12.78	0745	96
01/13/16	14.21	1200	12.91	11.54	0730	96
01/14/16	14.97	1145	13.48	12.68	0700	96
01/15/16	13.99	1145	13.23	12.70	0715	96
01/16/16	14.18	1130	13.06	12.42	2330	96
01/17/16	14.88	2245	12.70	12.31	0815	96
01/18/16	14.93	1345	14.49	13.60	2145	96
01/19/16	14.85	0930	14.10	13.47	1430	96
01/20/16	14.77	0545	14.01	13.53	1800	96
01/21/16	14.76	0845	14.07	13.25	1815	96
01/22/16	15.00	1215	12.98	10.75	1930	96
01/23/16	11.32	0130	10.35	9.51	0000	96
01/24/16	10.95	1345	10.55	9.59	0015	96
01/25/16	10.93	1000	10.15	8.82	2345	96
01/26/16	11.03	1300	10.22	8.50	0115	96
01/27/16	13.38	1615	11.74	10.47	0130	96
01/28/16	13.56	1415	12.46	11.97	1045	96
01/29/16	13.46	2215	12.76	12.05	0600	96
01/30/16	13.43	1615	13.03	12.36	2215	96
01/31/16	13.48	1045	13.12	12.79	0300	96
AVERAGE	13.34		12.37	11.55		
STD DEV.:	1.34		1.24	1.38		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR February 2016

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
02/01/16	13.61	1400	13.03	12.00	0415	96
02/02/16	13.64	0900	13.25	12.02	2345	96
02/03/16	13.59	1915	12.84	11.87	0445	96
02/04/16	13.56	0000	12.59	11.47	1515	96
02/05/16	13.64	0030	12.48	11.50	1515	96
02/06/16	15.48	1045	14.60	12.12	0115	96
02/07/16	15.15	0015	14.49	14.04	2300	96
02/08/16	14.42	1615	14.04	13.79	2315	96
02/09/16	14.50	0945	13.82	13.43	2030	96
02/10/16	14.36	1130	13.62	13.08	2230	96
02/11/16	13.15	0845	12.36	10.30	2245	96
02/12/16	11.08	1645	10.73	10.16	1200	96
02/13/16	11.78	1445	11.02	10.50	0430	96
02/14/16	11.67	0715	11.05	10.17	1630	96
02/15/16	11.10	1145	10.43	9.67	1715	96
02/16/16	13.02	1600	11.18	9.24	0345	96
02/17/16	13.41	0930	12.11	10.60	2245	96
02/18/16	12.50	1445	11.67	10.77	0645	96
02/19/16	12.78	0300	11.55	10.67	0115	96
02/20/16	12.33	1530	11.58	10.98	2015	96
02/21/16	12.80	1345	11.42	10.29	0145	96
02/22/16	12.62	1900	11.38	10.25	2200	96
02/23/16	13.23	1015	11.50	10.56	2230	96
02/24/16	12.59	1145	11.27	10.48	0715	96
02/25/16	13.62	1230	12.12	10.94	2100	96
02/26/16	14.54	1630	13.47	11.71	0100	96
02/27/16	14.26	0900	13.19	11.33	2330	96
02/28/16	12.81	1330	11.58	10.65	1945	96
02/29/16	12.62	1015	11.45	10.42	0400	96
AVERAGE	13.24		12.27	11.21		
STD DEV.:	1.09		1.16	1.20		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR March 2016

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
03/01/16	13.61	0500	11.79	10.45	0000	96
03/02/16	13.15	2145	11.82	10.43	0430	96
03/03/16	13.17	1015	11.65	10.70	0615	96
03/04/16	12.17	1000	11.38	10.70	0400	96
03/05/16	11.76	1345	11.22	10.71	2130	96
03/06/16	11.62	1100	11.00	10.48	2245	96
03/07/16	11.51	1515	10.90	10.55	0015	96
03/08/16	11.86	1100	10.97	10.68	0545	96
03/09/16	17.68	1545	13.29	10.59	0345	84
03/10/16	17.05	2045	15.96	14.36	2345	96
03/11/16	18.16	1315	16.59	14.39	0245	96
03/12/16	18.09	1130	16.75	14.97	0900	96
03/13/16	18.80	0745	16.70	14.89	0400	96
03/14/16	16.66	1330	15.68	14.51	0000	96
03/15/16	16.79	1145	14.60	12.60	1630	96
03/16/16	14.11	1915	13.27	12.00	1930	96
03/17/16	16.74	1315	12.86	11.82	0715	95
03/18/16	12.91	0045	11.25	9.79	1745	74
03/19/16	10.78	1345	10.22	9.51	0645	96
03/20/16	10.46	0345	10.06	9.39	2145	96
03/21/16	10.84	1645	10.07	9.32	2345	96
03/22/16	11.04	0945	9.79	7.33	2230	93
03/23/16	10.49	1515	8.98	6.80	0815	96
03/24/16	10.29	1300	9.56	8.80	0530	96
03/25/16	10.14	1300	9.41	8.13	1400	96
03/26/16	10.20	0800	9.48	8.38	0430	96
03/27/16	10.44	1445	9.51	8.49	0200	96
03/28/16	9.79	1215	9.25	8.40	0015	96
03/29/16	11.01	1445	10.15	8.86	0215	96
03/30/16	10.29	2015	9.58	8.63	1915	96
03/31/16	11.06	1445	9.83	8.12	0430	96
AVERAGE	12.99		11.73	10.48		
STD DEV.:	2.93		2.45	2.27		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR April 2016

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
04/01/16	10.38	1230	9.30	7.77	2130	96
04/02/16	9.79	1600	8.80	8.17	0830	96
04/03/16	10.17	1415	9.14	7.85	2345	96
04/04/16	8.63	2245	8.07	7.37	0830	96
04/05/16	10.14	1715	8.41	7.04	2000	96
04/06/16	9.49	1515	8.17	7.13	2245	96
04/07/16	9.60	1845	8.21	7.14	0200	96
04/08/16	9.23	1100	8.23	7.17	0145	96
04/09/16	9.97	2145	8.90	7.63	0300	96
04/10/16	9.89	0730	8.82	7.77	2300	96
04/11/16	9.53	1345	7.97	7.01	2030	96
04/12/16	9.48	1630	8.11	7.23	0445	96
04/13/16	9.04	1015	8.32	7.73	0430	96
04/14/16	9.36	1345	8.63	7.98	0530	96
04/15/16	9.04	1315	8.55	8.13	0630	96
04/16/16	10.21	1330	8.71	8.12	0815	96
04/17/16	8.69	0130	8.44	8.20	0645	96
04/18/16	8.82	0915	8.33	7.90	1900	96
04/19/16	8.73	1630	8.19	7.69	2345	96
04/20/16	7.91	1345	7.62	6.98	2345	96
04/21/16	7.75	1700	7.22	6.70	0545	96
04/22/16	7.43	0345	6.80	5.75	2315	96
04/23/16	7.55	1445	6.70	5.82	0030	96
04/24/16	7.41	1230	6.23	5.27	0530	96
04/25/16	6.70	1615	5.91	5.25	0430	96
04/26/16	5.67	0015	4.94	4.47	2115	96
04/27/16	6.76	1130	5.55	4.41	0345	96
04/28/16	6.90	0845	5.55	4.49	2315	96
04/29/16	6.85	1130	5.42	4.08	2345	96
04/30/16	6.61	1430	5.11	3.73	0400	96
AVERAGE	8.59		7.61	6.73		
STD DEV.:	1.33		1.32	1.39		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR May 2016

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
05/01/16	6.37	1030	5.12	3.73	0600	96
05/02/16	6.33	0800	4.85	3.94	0500	96
05/03/16	6.70	1530	5.50	4.37	0330	96
05/04/16	6.78	0845	5.46	4.45	2315	96
05/05/16	6.11	1115	5.09	4.40	0130	96
05/06/16	6.50	1300	5.53	4.93	0915	96
05/07/16	6.13	1215	5.55	4.49	0600	96
05/08/16	7.65	1530	5.71	4.77	0000	96
05/09/16	7.30	1245	5.67	4.39	0530	96
05/10/16	8.60	1400	6.96	4.63	0515	96
05/11/16	10.32	1200	8.65	6.13	0645	96
05/12/16	12.03	1215	9.22	6.52	0830	96
05/13/16	11.06	0945	9.14	7.52	0230	96
05/14/16	10.80	1445	9.14	7.79	0745	96
05/15/16	9.85	1400	8.64	7.46	0600	96
05/16/16	10.46	1500	9.21	7.57	0345	96
05/17/16	9.92	1630	9.04	7.94	0845	96
05/18/16	11.04	0930	9.36	7.69	0845	96
05/19/16	10.25	1815	9.48	7.93	1730	96
05/20/16	10.07	1845	9.22	7.07	0745	96
05/21/16	10.17	1445	9.15	7.68	0815	96
05/22/16	10.11	1545	9.09	8.46	0830	96
05/23/16	10.58	1845	9.20	6.92	0900	96
05/24/16	9.80	0030	8.77	8.06	2200	95
05/25/16	11.57	1100	9.58	7.37	0230	96
05/26/16	11.81	1545	9.76	8.09	2130	96
05/27/16	10.68	1515	9.15	7.19	0030	96
05/28/16	10.73	1715	9.37	7.46	0930	96
05/29/16	9.71	0245	8.57	6.62	0000	96
05/30/16	10.03	1030	8.10	3.73	0445	96
05/31/16	10.35	1730	8.72	7.29	0615	96
AVERAGE	9.35		7.94	6.34		
STD DEV.:	1.89		1.73	1.59		

Station S-0  
pH





PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR June 2015

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
06/01/15	6.62	1200	6.60	6.58	2115	55
06/02/15	6.66	1500	6.60	6.55	0315	96
06/03/15	6.66	1145	6.59	6.52	2200	96
06/04/15	6.67	2015	6.58	6.45	1545	96
06/05/15	6.64	0430	6.44	6.23	1915	96
06/06/15	6.48	0015	6.35	6.28	0630	96
06/07/15	6.50	1115	6.38	6.24	0200	96
06/08/15	6.59	2230	6.51	6.43	0445	96
06/09/15	6.55	0015	6.46	6.34	1445	96
06/10/15	6.75	1515	6.59	6.48	2345	95
06/11/15	6.69	1430	6.56	6.41	0315	95
06/12/15	6.87	1900	6.61	6.49	0615	91
06/13/15	6.73	1500	6.64	6.48	0100	96
06/14/15	6.75	1415	6.57	6.49	0600	96
06/15/15	6.67	1430	6.51	6.45	1200	96
06/16/15	6.53	0015	6.46	6.40	1315	96
06/17/15	6.59	1445	6.50	6.44	0115	94
06/18/15	6.78	0745	6.58	6.49	0345	96
06/19/15	6.67	1445	6.61	6.56	1045	96
06/20/15	6.73	2245	6.63	6.57	1430	96
06/21/15	6.78	2200	6.66	6.57	0815	96
06/22/15	6.79	2200	6.72	6.59	0600	96
06/23/15	6.87	1600	6.73	6.64	1100	96
06/24/15	6.84	1415	6.73	6.63	1815	96
06/25/15	6.90	1545	6.73	6.55	0700	96
06/26/15	6.77	1515	6.68	6.57	2215	96
06/27/15	6.97	1645	6.68	6.58	2230	96
06/28/15	6.65	1230	6.59	6.50	2215	96
06/29/15	6.66	1615	6.56	6.49	0445	96
06/30/15	6.81	1845	6.65	6.47	1615	95
AVERAGE	6.71		6.58	6.48		
STD DEV.:	0.12		0.10	0.10		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR July 2015

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
07/01/15	6.74	1215	6.56	6.19	1530	99
07/02/15	6.49	1700	6.41	6.30	1045	96
07/03/15	6.69	1645	6.48	6.31	0345	96
07/04/15	6.95	1945	6.61	6.34	0845	96
07/05/15	6.74	0015	6.45	6.27	2300	96
07/06/15	6.69	1515	6.44	6.28	0915	96
07/07/15	6.61	0715	6.50	6.43	0215	96
07/08/15	6.59	1545	6.48	6.39	0730	96
07/09/15	6.66	1430	6.51	6.37	0330	96
07/10/15	6.69	1230	6.56	6.47	0430	96
07/11/15	6.65	1015	6.54	6.48	0245	96
07/12/15	6.72	1730	6.60	6.50	0015	96
07/13/15	6.78	1500	6.65	6.55	0745	96
07/14/15	6.77	1700	6.63	6.53	1215	96
07/15/15	6.78	1115	6.63	6.52	2130	96
07/16/15	6.98	1145	6.56	6.27	2100	96
07/17/15	6.93	1915	6.55	6.16	0700	96
07/18/15	6.71	0015	6.55	6.50	1430	96
07/19/15	6.68	1730	6.56	6.47	0745	96
07/20/15	7.17	1730	6.81	6.41	1145	96
07/21/15	7.23	1530	7.08	6.83	0000	96
07/22/15	6.81	0015	6.64	6.46	0845	96
07/23/15	6.82	1315	6.66	6.50	0830	96
07/24/15	6.82	1845	6.72	6.65	0930	96
07/25/15	6.72	1530	6.65	6.60	2230	96
07/26/15	6.68	1645	6.61	6.56	2045	96
07/27/15	6.81	1230	6.60	6.40	0000	96
07/28/15	7.03	1645	6.60	6.36	2030	96
07/29/15	6.85	2300	6.54	6.24	0700	96
07/30/15	6.93	1330	6.82	6.70	0515	96
07/31/15	6.94	1630	6.81	6.69	0730	96
AVERAGE	6.80		6.61	6.44		
STD DEV.:	0.16		0.13	0.16		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR August 2015

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
08/01/15	6.88	1915	6.74	6.65	0000	96
08/02/15	6.70	1415	6.59	6.43	0600	96
08/03/15	6.65	2015	6.51	6.41	1100	96
08/04/15	6.60	1300	6.49	6.43	2200	96
08/05/15	6.67	1145	6.50	6.43	1400	96
08/06/15	6.57	1445	6.47	6.40	0730	96
08/07/15	6.67	1245	6.47	6.35	1930	96
08/08/15	6.65	1200	6.47	6.35	2045	96
08/09/15	6.56	1200	6.45	6.38	1930	96
08/10/15	6.67	2100	6.51	6.36	1245	96
08/11/15	6.64	0030	6.58	6.53	1915	96
08/12/15	6.67	0845	6.58	6.56	0345	35
08/13/15	6.64	1400	6.49	6.43	2000	42
08/14/15	6.77	1900	6.48	6.25	0515	96
08/15/15	6.90	1200	6.64	6.44	0700	96
08/16/15	6.87	1630	6.64	6.51	2315	96
08/17/15	7.13	1545	6.79	6.47	0230	96
08/18/15	6.90	1145	6.77	6.58	2345	90
08/19/15	7.02	1600	6.65	6.49	0430	96
08/20/15	6.93	1700	6.64	6.49	0000	96
08/21/15	6.55	1700	6.45	6.38	1015	96
08/22/15	6.63	1245	6.45	6.35	0645	96
08/23/15	6.54	1430	6.36	6.29	0000	96
08/24/15	6.59	2200	6.39	6.23	0900	96
08/25/15	6.58	0315	6.50	6.41	1045	96
08/26/15	6.56	1315	6.43	6.37	2300	96
08/27/15	6.71	1130	6.46	6.38	0015	96
08/28/15	6.67	1030	6.46	6.29	2000	96
08/29/15	6.79	1345	6.47	6.37	0245	96
08/30/15	6.77	1200	6.50	6.34	2130	96
08/31/15	6.64	1000	6.46	6.36	0015	95
AVERAGE	6.71		6.53	6.41		
STD DEV.:	0.15		0.11	0.09		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR September 2015

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
09/01/15	6.75	1130	6.54	6.36	1930	96
09/02/15	6.85	1900	6.57	6.43	1700	96
09/03/15	6.78	0845	6.54	6.43	0545	43
09/04/15	7.14	1315	6.77	6.63	2245	57
09/05/15	7.42	1100	6.84	6.60	2215	96
09/06/15	7.40	1100	6.84	6.62	0045	56
09/07/15	7.46	1030	6.66	6.28	1830	94
09/08/15	7.39	1145	6.93	6.60	0000	96
09/09/15	6.83	1245	6.61	6.46	0400	96
09/10/15	6.68	1400	6.56	6.46	0245	96
09/11/15	6.92	1315	6.64	6.40	0415	96
09/12/15	6.72	1745	6.54	6.38	0000	96
09/13/15	6.36	0015	6.34	6.31	0830	96
09/14/15	6.76	1545	6.51	6.28	0715	96
09/15/15	6.56	1230	6.47	6.39	0715	96
09/16/15	6.68	1645	6.51	6.39	0645	96
09/17/15	6.77	1400	6.55	6.37	0430	96
09/18/15	6.77	1145	6.58	6.47	0600	96
09/19/15	6.67	1615	6.60	6.47	2300	96
09/20/15	6.65	1800	6.53	6.42	0715	96
09/21/15	6.91	1515	6.65	6.52	2030	96
09/22/15	6.77	1215	6.57	6.47	1845	96
09/23/15	6.83	1100	6.52	6.32	1830	96
09/24/15	6.89	1115	6.56	6.42	2030	96
09/25/15	6.64	1045	6.56	6.46	1845	96
09/26/15	6.96	1300	6.65	6.50	1930	96
09/27/15	6.97	1115	6.62	6.46	1415	96
09/28/15	6.95	1000	6.60	6.43	1730	96
09/29/15	6.75	2045	6.50	6.38	0730	95
09/30/15	6.82	1545	6.61	6.31	0145	96
AVERAGE	6.87		6.60	6.43		
STD DEV.:	0.26		0.12	0.09		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR October 2015

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
10/01/15	6.67	0030	6.57	6.50	0900	96
10/02/15	6.55	0015	6.49	6.36	0900	96
10/03/15	6.47	1230	6.45	6.42	0245	96
10/04/15	6.52	1215	6.45	6.41	2330	96
10/05/15	6.50	1230	6.44	6.41	0030	96
10/06/15	6.53	1230	6.43	6.38	0000	96
10/07/15	6.53	1230	6.41	6.36	2300	96
10/08/15	6.53	1345	6.41	6.36	2300	96
10/09/15	6.43	1330	6.38	6.30	2045	96
10/10/15	6.56	1315	6.46	6.36	0100	96
10/11/15	6.56	0615	6.46	6.35	2200	96
10/12/15	6.54	0000	6.36	6.24	1815	96
10/13/15	6.56	0015	6.40	6.34	2015	96
10/14/15	6.45	1545	6.35	6.25	0715	96
10/15/15	6.53	1145	6.44	6.34	0100	96
10/16/15	6.55	1400	6.50	6.45	0300	96
10/17/15	6.67	2145	6.57	6.51	0115	96
10/18/15	6.69	2315	6.55	6.49	1115	96
10/19/15	6.68	0015	6.54	6.43	2100	96
10/20/15	6.56	1345	6.46	6.38	0945	96
10/21/15	6.55	0245	6.47	6.35	1830	96
10/22/15	6.62	2215	6.53	6.44	1345	96
10/23/15	6.78	2100	6.65	6.50	0430	96
10/24/15	6.84	1100	6.76	6.70	1900	96
10/25/15	6.80	0715	6.73	6.65	1530	96
10/26/15	6.83	1415	6.74	6.65	1745	96
10/27/15	6.87	2330	6.67	6.58	1715	96
10/28/15	6.85	0015	6.70	6.62	1545	96
10/29/15	6.76	1945	6.68	6.53	1345	96
10/30/15	6.78	2130	6.74	6.65	1015	96
10/31/15	6.80	0515	6.75	6.64	1915	96
AVERAGE	6.63		6.53	6.45		
STD DEV.:	0.13		0.13	0.13		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR November 2015

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
11/01/15	6.87	0015	6.56	6.49	0000	96
11/02/15	6.53	1330	6.47	6.36	1015	96
11/03/15	6.58	1145	6.49	6.42	1415	96
11/04/15	6.54	1400	6.47	6.38	1945	96
11/05/15	6.52	1400	6.41	6.30	1715	96
11/06/15	6.49	2215	6.43	6.36	0030	96
11/07/15	6.56	1300	6.48	6.37	0900	96
11/08/15	6.65	1315	6.58	6.52	0015	96
11/09/15	6.67	0945	6.61	6.52	1245	96
11/10/15	6.68	1100	6.65	6.61	2330	96
11/11/15	6.68	1315	6.59	6.52	2115	96
11/12/15	6.77	2200	6.55	6.47	1100	96
11/13/15	6.72	0015	6.61	6.58	0945	96
11/14/15	6.72	1830	6.62	6.54	0645	96
11/15/15	6.76	1300	6.72	6.66	0015	96
11/16/15	6.80	2115	6.75	6.70	1230	96
11/17/15	6.83	1200	6.76	6.70	2115	96
11/18/15	6.80	1045	6.66	6.52	1200	96
11/19/15	6.80	0515	6.54	6.47	2000	96
11/20/15	6.74	2215	6.63	6.49	0100	96
11/21/15	6.80	1200	6.67	6.50	2115	96
11/22/15	6.62	2115	6.58	6.51	0515	96
11/23/15	6.69	2330	6.59	6.50	0045	96
11/24/15	6.74	2330	6.64	6.57	0115	96
11/25/15	6.74	0715	6.68	6.55	1845	96
11/26/15	6.77	1300	6.67	6.56	0015	96
11/27/15	6.73	0600	6.62	6.52	1500	96
11/28/15	6.59	0330	6.50	6.46	1945	94
11/29/15	6.62	2030	6.58	6.51	1430	96
11/30/15	6.69	1315	6.63	6.56	0000	96
AVERAGE	6.68		6.59	6.51		
STD DEV.:	0.09		0.09	0.10		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR December 2015

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
12/01/15	6.60	0515	6.40	6.20	1930	95
12/02/15	6.55	1500	6.39	6.30	0200	96
12/03/15	6.54	2100	6.47	6.42	1215	96
12/04/15	6.52	1845	6.46	6.43	0200	96
12/05/15	6.67	2315	6.46	6.33	0915	96
12/06/15	6.84	1215	6.76	6.60	2330	96
12/07/15	6.81	0500	6.73	6.60	2115	96
12/08/15	6.79	2115	6.73	6.65	0015	96
12/09/15	6.81	1315	6.71	6.58	2245	96
12/10/15	6.72	0830	6.62	6.51	1745	96
12/11/15	6.61	0215	6.53	6.41	2115	96
12/12/15	6.66	1315	6.53	6.45	1845	96
12/13/15	6.68	1315	6.49	6.42	1830	96
12/14/15	6.55	2215	6.44	6.38	0515	96
12/15/15	6.62	1030	6.51	6.41	0645	96
12/16/15	6.80	1000	6.62	6.50	1645	96
12/17/15	6.61	0615	6.57	6.52	1945	96
12/18/15	6.59	1245	6.56	6.52	0315	96
12/19/15	6.71	1315	6.63	6.55	2115	96
12/20/15	6.66	1315	6.59	6.52	0845	96
12/21/15	6.63	0100	6.57	6.52	2115	96
12/22/15	6.62	1000	6.57	6.48	2115	96
12/23/15	6.60	1730	6.57	6.47	2115	96
12/24/15	6.59	0100	6.53	6.45	2115	96
12/25/15	6.58	0515	6.51	6.43	2115	96
12/26/15	6.45	0130	6.41	6.36	1315	96
12/27/15	6.43	1315	6.38	6.35	2245	96
12/28/15	6.65	1315	6.48	6.30	0030	90
12/29/15	6.75	1415	6.65	6.58	0115	96
12/30/15	6.75	1315	6.71	6.62	2215	96
12/31/15	6.74	0615	6.69	6.62	1415	96
AVERAGE	6.65		6.56	6.47		
STD DEV.:	0.10		0.11	0.11		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR January 2016

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
01/01/16	6.72	2215	6.67	6.60	0200	96
01/02/16	6.73	2215	6.68	6.54	0615	96
01/03/16	6.77	0615	6.68	6.59	2215	96
01/04/16	6.69	0430	6.48	6.33	2115	96
01/05/16	6.46	0230	6.36	6.23	2215	96
01/06/16	6.53	1145	6.33	6.19	0715	96
01/07/16	6.50	1615	6.44	6.36	0045	96
01/08/16	6.62	2030	6.51	6.42	0100	96
01/09/16	6.58	0015	6.51	6.46	1100	96
01/10/16	7.02	2330	6.61	6.47	0615	96
01/11/16	7.22	0615	6.94	6.67	1400	96
01/12/16	6.70	0045	6.62	6.48	2215	96
01/13/16	6.61	0145	6.45	6.30	1000	96
01/14/16	6.65	1800	6.57	6.49	2215	96
01/15/16	6.67	2145	6.62	6.46	0615	96
01/16/16	6.73	0615	6.62	6.55	2330	96
01/17/16	6.62	0615	6.49	6.29	0000	96
01/18/16	6.66	1400	6.45	6.22	0615	96
01/19/16	6.59	1100	6.45	6.32	0200	96
01/20/16	6.65	1045	6.47	6.38	0215	96
01/21/16	6.69	1145	6.48	6.32	0145	96
01/22/16	6.76	1345	6.52	6.37	0300	96
01/23/16	6.64	0200	6.42	6.32	2115	96
01/24/16	6.52	1400	6.39	6.31	0500	96
01/25/16	6.58	1130	6.41	6.28	0000	96
01/26/16	6.54	1315	6.31	6.12	0230	96
01/27/16	6.63	0000	6.50	6.37	0330	96
01/28/16	6.68	0930	6.61	6.48	1430	95
01/29/16	6.86	1415	6.60	6.47	1500	96
01/30/16	6.65	0615	6.55	6.50	0015	96
01/31/16	6.67	0915	6.61	6.51	0615	96
AVERAGE	6.67		6.53	6.40		
STD DEV.:	0.15		0.13	0.13		



PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR February 2016

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
02/01/16	6.69	0830	6.61	6.51	2315	96
02/02/16	6.56	0815	6.52	6.48	0230	34
02/03/16	6.62	2345	6.52	6.42	1845	49
02/04/16	6.71	1145	6.61	6.46	2230	95
02/05/16	6.74	0830	6.63	6.52	2015	96
02/06/16	7.10	2215	6.79	6.34	0615	96
02/07/16	7.14	0615	7.00	6.89	2215	98
02/08/16	7.00	0315	6.74	6.36	1415	96
02/09/16	6.51	2215	6.44	6.30	1415	96
02/10/16	6.52	2215	6.40	6.31	1630	96
02/11/16	6.56	0615	6.43	6.41	0100	40
02/12/16	6.58	1715	6.52	6.33	1415	54
02/13/16	6.68	2315	6.59	6.55	0845	96
02/14/16	6.74	0945	6.64	6.48	1745	96
02/15/16	6.74	0730	6.62	6.45	1915	96
02/16/16	6.99	2345	6.60	6.38	0615	96
02/17/16	7.18	1300	6.94	6.57	1330	96
02/18/16	6.93	0615	6.84	6.78	0015	96
02/19/16	6.87	0900	6.83	6.77	0615	96
02/20/16	6.85	0300	6.78	6.65	1415	96
02/21/16	6.85	1415	6.76	6.72	1330	96
02/22/16	6.80	2330	6.76	6.67	1415	96
02/23/16	6.83	1200	6.76	6.64	1015	96
02/24/16	6.76	2215	6.72	6.67	0615	96
02/25/16	6.82	0615	6.73	6.64	1230	96
02/26/16	6.80	0615	6.66	6.59	1415	96
02/27/16	6.63	0115	6.57	6.49	0900	96
02/28/16	6.69	0915	6.60	6.48	2215	96
02/29/16	6.66	0615	6.58	6.48	1200	95
AVERAGE	6.78		6.66	6.53		
STD DEV.:	0.18		0.15	0.15		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR March 2016

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
03/01/16	6.75	1415	6.62	6.48	0415	96
03/02/16	6.65	0030	6.59	6.50	1430	96
03/03/16	6.82	1400	6.70	6.59	0030	96
03/04/16	6.81	1415	6.72	6.65	1000	96
03/05/16	6.89	1130	6.73	6.64	2215	96
03/06/16	6.92	1200	6.70	6.58	2215	96
03/07/16	6.70	1330	6.64	6.56	1615	96
03/08/16	6.79	1230	6.62	6.50	1945	89
03/09/16	6.64	1145	6.51	6.36	2345	96
03/10/16	6.55	1230	6.48	6.41	1900	96
03/11/16	6.80	1230	6.58	6.52	0145	96
03/12/16	6.92	1145	6.56	6.31	1830	96
03/13/16	6.64	1315	6.41	6.25	0745	96
03/14/16	6.60	1400	6.45	6.28	0245	96
03/15/16	6.83	1845	6.61	6.40	0245	96
03/16/16	7.09	1300	6.78	6.59	1915	96
03/17/16	6.98	1215	6.77	6.60	1500	96
03/18/16	7.03	1330	6.88	6.64	1300	72
03/19/16	7.43	1230	7.00	6.83	2230	96
03/20/16	7.32	1300	6.98	6.86	2230	96
03/21/16	7.23	1200	6.66	6.21	2215	96
03/22/16	6.90	1300	6.41	6.26	0015	96
03/23/16	6.66	1315	6.44	6.25	0545	96
03/24/16	6.71	1115	6.55	6.47	0500	96
03/25/16	6.66	1130	6.55	6.49	0315	96
03/26/16	6.96	1145	6.61	6.39	1930	96
03/27/16	6.79	1345	6.60	6.48	0100	96
03/28/16	6.66	1400	6.60	6.52	0100	96
03/29/16	6.87	1315	6.65	6.56	0300	96
03/30/16	6.87	1215	6.50	6.18	2045	96
03/31/16	6.74	1315	6.49	6.15	0545	96
AVERAGE	6.85		6.62	6.47		
STD DEV.:	0.21		0.15	0.18		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR April 2016

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
04/01/16	6.67	1630	6.58	6.39	2145	96
04/02/16	6.68	1600	6.57	6.51	1415	96
04/03/16	6.61	2130	6.50	6.32	0745	96
04/04/16	6.67	1400	6.55	6.49	0645	96
04/05/16	6.91	1300	6.70	6.54	0030	96
04/06/16	6.86	1200	6.62	6.44	0245	96
04/07/16	6.73	1215	6.63	6.49	1930	96
04/08/16	6.73	1245	6.58	6.37	2030	96
04/09/16	6.64	1245	6.52	6.41	2145	96
04/10/16	6.85	1315	6.67	6.44	0345	96
04/11/16	6.77	1315	6.66	6.58	0415	96
04/12/16	6.67	0200	6.54	6.37	1345	96
04/13/16	6.63	0045	6.49	6.41	0415	96
04/14/16	6.68	1515	6.56	6.47	0330	96
04/15/16	6.69	1500	6.60	6.49	0945	96
04/16/16	6.67	1445	6.55	6.47	0845	96
04/17/16	6.62	1245	6.52	6.38	2000	96
04/18/16	6.54	0100	6.45	6.30	1815	95
04/19/16	6.69	1600	6.52	6.39	0245	96
04/20/16	6.73	1245	6.65	6.55	0530	96
04/21/16	6.70	1145	6.62	6.48	0000	96
04/22/16	6.73	1400	6.55	6.45	2015	96
04/23/16	6.63	1300	6.55	6.43	0800	96
04/24/16	6.73	1545	6.60	6.50	0600	96
04/25/16	6.78	1815	6.68	6.54	0530	96
04/26/16	6.67	0015	6.57	6.51	0845	96
04/27/16	6.70	1715	6.60	6.48	0615	96
04/28/16	6.76	1600	6.64	6.56	0600	96
04/29/16	6.74	1300	6.62	6.52	0000	96
04/30/16	6.84	1445	6.59	6.47	0530	96
AVERAGE	6.71		6.58	6.46		
STD DEV.:	0.08		0.06	0.07		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR May 2016

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
05/01/16	6.89	1645	6.67	6.45	0445	96
05/02/16	6.59	0015	6.53	6.46	0815	96
05/03/16	6.65	1430	6.57	6.47	0215	96
05/04/16	6.65	1700	6.57	6.47	1115	96
05/05/16	6.67	1215	6.64	6.61	0515	96
05/06/16	6.74	1045	6.61	6.48	1730	96
05/07/16	6.67	1530	6.63	6.58	2230	96
05/08/16	6.62	1230	6.58	6.54	1415	96
05/09/16	6.73	1230	6.63	6.56	0330	96
05/10/16	6.86	1330	6.67	6.59	0530	96
05/11/16	6.78	1300	6.63	6.56	2345	96
05/12/16	6.69	1015	6.59	6.54	0530	96
05/13/16	6.69	1600	6.62	6.53	0945	96
05/14/16	6.65	1115	6.54	6.45	1545	96
05/15/16	6.69	1500	6.58	6.49	0530	96
05/16/16	6.79	1830	6.68	6.69	0045	96
05/17/16	6.76	1315	6.69	6.60	2230	96
05/18/16	6.76	1330	6.64	6.53	1815	96
05/19/16	6.69	0015	6.63	6.55	2315	96
05/20/16	6.71	1130	6.60	6.51	1400	96
05/21/16	6.70	1830	6.64	6.57	0500	96
05/22/16	6.68	1445	6.61	6.57	0730	96
05/23/16	6.82	1330	6.59	6.47	1700	96
05/24/16	6.60	1345	6.52	6.47	0545	95
05/25/16	6.77	1330	6.52	6.41	0800	96
05/26/16	6.63	2345	6.51	6.41	1545	96
05/27/16	6.72	1945	6.56	6.45	1130	96
05/28/16	6.62	0045	6.50	6.40	1545	96
05/29/16	6.64	0430	6.52	6.44	0915	96
05/30/16	6.64	2030	6.46	6.31	0915	96
05/31/16	6.70	1130	6.54	6.40	0515	96
AVERAGE	6.70		6.59	6.50		
STD DEV.:	0.07		0.06	0.07		

Station S-0  
Temperature



PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR June 2015

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
06/01/15	20.83	0015	19.98	18.76	0000	96
06/02/15	18.76	0015	17.91	17.31	1245	96
06/03/15	21.05	1730	18.43	17.38	0730	96
06/04/15	18.90	1515	18.24	17.82	0015	96
06/05/15	23.99	1530	20.76	17.51	0315	96
06/06/15	24.92	1445	23.44	21.50	0000	96
06/07/15	21.33	0015	19.33	18.00	0730	96
06/08/15	19.15	1545	18.46	17.74	0300	96
06/09/15	19.92	1845	19.10	18.27	0830	96
06/10/15	26.01	2145	21.86	18.90	0615	96
06/11/15	25.35	1615	23.76	22.36	0615	96
06/12/15	24.57	1915	22.70	21.53	0615	96
06/13/15	25.02	1600	23.38	22.00	0715	96
06/14/15	25.98	1700	23.11	21.96	0715	96
06/15/15	22.40	0015	21.39	20.54	0000	96
06/16/15	21.10	1245	20.67	20.21	0615	96
06/17/15	23.83	1615	21.42	19.77	0730	96
06/18/15	22.92	1500	21.62	20.63	0830	96
06/19/15	23.63	1645	22.31	21.13	0645	96
06/20/15	23.80	1330	22.29	20.99	0715	96
06/21/15	22.99	2045	22.00	21.30	0845	96
06/22/15	24.83	1715	23.20	21.69	0645	96
06/23/15	24.49	1630	23.29	22.63	1030	96
06/24/15	24.66	1400	22.93	22.06	0000	96
06/25/15	24.60	1715	22.98	21.54	0700	96
06/26/15	24.46	1815	22.86	21.79	0915	96
06/27/15	23.65	1345	22.42	21.75	0000	96
06/28/15	21.72	0015	20.61	19.71	0000	96
06/29/15	22.05	1615	20.47	19.35	0600	96
06/30/15	24.52	1315	21.37	20.05	0700	96
AVERAGE	23.05		21.41	20.21		
STD DEV.:	2.11		1.75	1.71		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR July 2015

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
07/01/15	21.79	0015	21.07	20.19	1500	96
07/02/15	23.66	1415	21.58	19.92	0615	96
07/03/15	24.26	1745	22.12	20.27	0800	96
07/04/15	22.29	0015	21.13	20.66	0715	96
07/05/15	24.88	1615	21.87	19.86	0615	96
07/06/15	26.52	1630	22.77	21.03	0745	96
07/07/15	24.31	1515	23.34	22.43	0645	96
07/08/15	25.00	1645	23.85	23.02	0500	96
07/09/15	25.45	1415	23.47	22.51	0745	96
07/10/15	25.04	1700	23.62	22.10	0615	96
07/11/15	27.12	1800	24.66	22.63	0730	96
07/12/15	28.93	1730	25.76	23.65	0715	96
07/13/15	27.38	1430	25.83	24.89	0800	96
07/14/15	25.24	1415	24.68	24.13	0600	96
07/15/15	26.59	1600	25.23	24.14	0600	96
07/16/15	25.89	1700	24.53	23.05	0630	96
07/17/15	26.53	1445	24.40	22.97	0700	96
07/18/15	24.70	1715	23.77	23.25	0930	96
07/19/15	27.22	1515	25.33	23.41	0545	96
07/20/15	26.40	1015	25.17	24.31	0000	96
07/21/15	36.06	1630	30.77	24.23	0145	95
07/22/15	32.09	0015	25.73	24.66	2345	95
07/23/15	25.45	1300	24.66	23.85	0730	96
07/24/15	25.73	1700	24.42	23.52	0715	96
07/25/15	24.98	1515	23.88	23.17	1115	96
07/26/15	24.41	1700	23.10	22.51	0000	96
07/27/15	26.85	1545	23.95	22.48	0400	96
07/28/15	28.79	1730	25.70	23.43	0215	95
07/29/15	30.42	1615	27.03	24.51	0645	96
07/30/15	29.31	0015	28.78	27.83	0700	96
07/31/15	28.87	0015	26.62	24.93	0915	96
AVERAGE	26.52		24.48	23.02		
STD DEV.:	2.85		2.09	1.73		



PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR August 2015

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
08/01/15	27.15	1645	25.76	24.58	0630	96
08/02/15	27.63	1430	25.90	24.57	0700	96
08/03/15	26.95	1530	25.67	24.68	0715	96
08/04/15	27.33	1600	25.89	25.02	0715	96
08/05/15	27.07	1545	25.75	24.60	0700	96
08/06/15	25.67	1445	25.08	24.54	0700	96
08/07/15	26.00	1400	24.79	23.67	0700	96
08/08/15	26.40	1745	24.80	23.32	0700	96
08/09/15	25.95	1745	24.61	23.76	0700	96
08/10/15	26.59	1445	24.69	23.36	0645	96
08/11/15	24.33	0015	23.74	23.39	0000	96
08/12/15	26.49	1700	24.49	23.09	0645	96
08/13/15	26.24	1600	24.71	23.57	0730	96
08/14/15	26.19	1515	24.78	23.50	0615	96
08/15/15	26.71	1430	25.20	24.09	0715	96
08/16/15	29.54	1630	26.17	24.49	0700	96
08/17/15	29.58	1945	27.30	25.07	0500	96
08/18/15	30.24	1745	28.82	27.26	0730	96
08/19/15	29.13	0015	27.88	26.52	0000	96
08/20/15	27.93	1500	26.62	25.95	0645	96
08/21/15	27.06	1400	26.35	26.04	0000	96
08/22/15	27.71	1500	26.37	25.55	0745	96
08/23/15	26.03	1345	25.65	25.29	0730	96
08/24/15	27.92	1345	26.10	25.15	0645	96
08/25/15	25.56	0015	25.15	24.62	0000	96
08/26/15	26.31	1545	25.20	24.23	0815	96
08/27/15	25.81	1515	24.87	24.02	0730	96
08/28/15	25.86	1630	24.58	23.45	0730	96
08/29/15	25.94	1530	24.45	23.47	0730	96
08/30/15	26.65	1430	24.84	23.40	0700	96
08/31/15	26.52	1615	25.13	23.73	0715	96
AVERAGE	26.92		25.53	24.45		
STD DEV.:	1.31		1.08	1.04		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR September 2015

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
09/01/15	27.26	1630	25.19	23.85	0715	96
09/02/15	28.20	1615	25.46	24.02	0745	96
09/03/15	27.09	1615	25.65	24.47	0700	96
09/04/15	26.68	1500	25.30	24.57	0000	96
09/05/15	26.61	1600	24.87	23.62	0830	96
09/06/15	27.29	1430	25.02	23.65	0745	96
09/07/15	27.24	1445	25.18	23.89	0700	96
09/08/15	35.11	2315	29.36	24.78	0015	96
09/09/15	36.00	1945	34.31	32.34	0730	96
09/10/15	35.10	1100	33.63	29.44	0000	96
09/11/15	29.14	0015	24.13	22.77	1000	96
09/12/15	25.33	1515	23.82	22.96	0745	96
09/13/15	23.56	0015	23.00	22.26	0000	96
09/14/15	22.67	1415	22.13	21.78	0800	96
09/15/15	23.46	1800	22.36	21.40	0645	96
09/16/15	24.49	1615	22.74	21.52	0730	96
09/17/15	26.01	1630	23.53	22.24	0800	96
09/18/15	25.86	1500	23.48	22.49	0730	96
09/19/15	24.21	1500	23.05	22.20	0730	96
09/20/15	23.14	1445	22.55	21.67	0000	96
09/21/15	22.08	1700	21.23	20.50	0715	96
09/22/15	21.21	1345	20.70	20.15	0900	96
09/23/15	22.57	1645	20.74	19.60	0900	96
09/24/15	21.90	1300	20.55	19.48	0745	96
09/25/15	20.57	1545	19.83	19.10	0000	96
09/26/15	20.50	1515	19.16	18.34	0815	96
09/27/15	20.48	1445	18.80	17.81	0815	96
09/28/15	19.94	1345	18.71	17.56	0815	96
09/29/15	20.19	1500	19.37	18.86	0515	96
09/30/15	19.87	0715	19.16	18.30	0000	96
AVERAGE	25.13		23.43	22.19		
STD DEV.:	4.42		3.82	3.22		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR October 2015

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
10/01/15	18.28	0015	17.67	17.23	1200	96
10/02/15	17.57	0015	17.05	16.49	0900	96
10/03/15	16.64	0015	16.35	16.05	0000	96
10/04/15	16.67	1615	15.88	15.30	0830	96
10/05/15	15.77	1530	15.13	14.43	0800	96
10/06/15	16.31	1515	15.42	14.47	0745	96
10/07/15	16.45	1845	15.80	14.57	0745	96
10/08/15	15.79	0015	15.26	14.56	0800	96
10/09/15	14.83	1715	14.53	13.89	0000	96
10/10/15	14.40	1530	13.70	13.02	2215	96
10/11/15	15.44	1500	13.75	12.36	0730	96
10/12/15	17.35	0000	14.71	13.66	0630	96
10/13/15	23.21	0000	21.50	17.82	0015	96
10/14/15	23.21	0015	20.83	18.19	0000	96
10/15/15	18.09	0015	16.38	14.96	0000	96
10/16/15	15.12	1615	14.52	13.74	0000	96
10/17/15	13.71	0015	12.83	11.42	2115	96
10/18/15	14.55	0000	12.39	11.61	2215	96
10/19/15	20.55	1515	18.06	14.81	0015	96
10/20/15	23.10	1545	21.59	20.17	0015	96
10/21/15	21.85	0230	19.03	13.36	2000	96
10/22/15	15.78	0300	14.60	12.56	2230	96
10/23/15	14.03	0145	12.04	10.92	0000	96
10/24/15	11.03	0100	10.53	9.86	1000	96
10/25/15	11.71	1445	10.50	9.75	0700	96
10/26/15	11.06	1715	10.25	9.59	0815	96
10/27/15	13.44	0000	10.08	8.93	2130	96
10/28/15	18.18	2345	16.87	13.84	0015	95
10/29/15	18.48	0145	16.44	13.85	1645	96
10/30/15	14.83	0015	12.84	11.45	0000	96
10/31/15	14.39	0000	11.36	10.22	1930	96
AVERAGE	16.51		15.09	13.65		
STD DEV.:	3.27		3.14	2.71		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR November 2015

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
11/01/15	17.41	2130	16.24	14.53	0015	96
11/02/15	17.34	0015	15.00	12.78	1115	96
11/03/15	13.84	1145	12.74	11.91	0900	96
11/04/15	13.53	1515	11.87	11.04	0845	96
11/05/15	13.26	1615	11.22	10.36	0815	96
11/06/15	12.46	1215	11.59	11.19	2215	96
11/07/15	11.61	1515	11.20	10.56	0900	96
11/08/15	10.72	0015	10.22	9.87	0000	96
11/09/15	10.84	1200	9.77	9.04	0800	96
11/10/15	9.32	0015	9.01	8.63	0815	96
11/11/15	9.36	1645	9.19	8.87	1200	96
11/12/15	14.35	0000	9.56	8.76	1845	96
11/13/15	16.05	1515	15.34	14.44	0015	96
11/14/15	15.62	0015	13.22	10.95	2345	96
11/15/15	10.94	1430	10.28	8.35	0815	96
11/16/15	9.81	0015	9.23	8.58	1330	96
11/17/15	8.75	1530	8.10	7.45	0745	96
11/18/15	8.01	1400	7.27	6.53	0845	96
11/19/15	7.65	2145	7.18	6.80	0815	96
11/20/15	7.69	0045	6.84	6.31	0000	96
11/21/15	8.15	1430	6.62	5.96	0945	96
11/22/15	6.93	1245	6.73	6.35	1030	96
11/23/15	6.48	0015	5.81	4.74	0000	96
11/24/15	5.01	0030	4.45	4.13	0830	96
11/25/15	5.54	1445	4.83	3.77	2115	96
11/26/15	5.39	1500	4.14	3.15	0845	96
11/27/15	5.79	1845	4.89	3.65	0200	96
11/28/15	5.91	0900	5.65	4.75	0000	96
11/29/15	4.78	0015	4.24	3.65	0000	96
11/30/15	6.02	0000	3.99	3.25	0745	96
AVERAGE	9.95		8.87	8.01		
STD DEV.:	3.85		3.53	3.33		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR December 2015

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
12/01/15	14.57	1445	10.64	6.04	0015	96
12/02/15	12.76	1515	10.39	9.08	0000	96
12/03/15	10.33	2315	9.48	9.01	0315	96
12/04/15	10.43	2245	10.34	10.26	0800	96
12/05/15	10.41	0015	7.01	3.17	2245	95
12/06/15	3.38	1345	3.00	2.57	0730	96
12/07/15	3.72	1415	3.12	2.59	0500	96
12/08/15	3.50	1330	3.02	2.64	1430	94
12/09/15	3.97	1915	3.35	2.69	0930	96
12/10/15	5.17	1400	4.27	3.56	0015	96
12/11/15	5.09	1545	4.69	4.21	0115	96
12/12/15	5.07	0000	4.71	4.12	0700	96
12/13/15	5.47	2215	5.10	4.65	1015	96
12/14/15	5.98	1545	5.46	5.25	2245	96
12/15/15	5.72	2000	5.45	5.10	0900	96
12/16/15	5.81	1445	5.23	4.92	0715	96
12/17/15	5.16	2000	4.95	4.83	1745	96
12/18/15	5.12	1500	4.93	4.74	0000	96
12/19/15	4.73	0015	4.48	4.07	2300	96
12/20/15	4.20	0245	3.84	3.22	2315	96
12/21/15	3.70	0115	3.44	3.08	0500	96
12/22/15	3.57	2000	3.26	2.70	0930	96
12/23/15	3.39	1330	3.21	3.06	1000	96
12/24/15	3.60	1345	3.42	3.17	0000	96
12/25/15	3.90	2315	3.34	3.01	0815	96
12/26/15	4.36	2330	4.09	3.85	0745	96
12/27/15	4.64	1500	4.54	4.38	0030	96
12/28/15	4.49	0015	4.01	2.24	1415	96
12/29/15	3.64	0015	2.76	2.25	2215	96
12/30/15	2.57	0515	2.26	1.98	0830	96
12/31/15	2.66	1830	2.14	1.71	1530	96
AVERAGE	5.52		4.84	4.13		
STD DEV.:	2.97		2.35	2.07		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR January 2016

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
01/01/16	3.29	0215	1.93	1.45	2130	96
01/02/16	1.96	1330	1.68	1.19	0830	96
01/03/16	1.90	1315	1.69	1.54	0800	96
01/04/16	7.67	1430	6.00	1.71	0100	96
01/05/16	10.67	2045	9.10	6.78	0045	96
01/06/16	11.99	1600	10.77	9.73	0815	96
01/07/16	11.35	1615	10.75	10.12	0000	96
01/08/16	10.29	0330	9.87	9.50	1530	96
01/09/16	9.85	0015	9.33	8.82	0000	96
01/10/16	8.61	0015	6.53	1.41	2215	96
01/11/16	1.50	0015	0.94	0.44	2315	96
01/12/16	0.82	2115	0.53	0.27	0645	96
01/13/16	3.21	0900	1.26	0.26	2245	96
01/14/16	0.74	1215	0.29	0.08	1645	96
01/15/16	0.48	0900	0.23	0.08	0230	96
01/16/16	0.83	1300	0.40	0.22	0130	96
01/17/16	2.19	0000	0.78	0.28	0615	96
01/18/16	12.29	2215	6.00	2.26	0015	96
01/19/16	12.51	1615	10.23	7.31	0815	96
01/20/16	12.98	1530	10.93	7.60	0830	96
01/21/16	12.65	0015	10.53	7.64	0745	96
01/22/16	14.29	1715	10.34	6.07	0900	96
01/23/16	17.97	2300	16.00	12.48	0015	96
01/24/16	17.73	0015	15.13	14.03	1100	96
01/25/16	23.54	2345	18.37	13.94	0830	96
01/26/16	23.53	0015	16.00	13.53	1030	96
01/27/16	14.01	0015	8.20	5.03	0000	96
01/28/16	5.43	1345	4.64	3.59	1900	96
01/29/16	4.59	0445	2.11	0.83	0915	96
01/30/16	1.42	1430	1.11	0.74	0800	96
01/31/16	1.25	0030	0.90	0.32	0745	96
AVERAGE	6.44		6.53	4.81		
STD DEV.:	6.81		5.53	4.77		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR February 2016

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
02/01/16	1.78	1615	1.21	0.50	0815	96
02/02/16	9.93	2345	2.68	1.23	0900	95
02/03/16	13.65	0830	11.55	8.78	0000	96
02/04/16	13.60	1700	10.83	8.64	0730	96
02/05/16	12.47	1715	10.57	8.35	1000	96
02/06/16	12.10	0015	4.07	0.38	2345	96
02/07/16	1.31	1515	0.85	0.36	0800	96
02/08/16	0.97	0015	0.73	0.54	0000	96
02/09/16	0.51	0030	0.38	0.23	0900	96
02/10/16	0.44	1230	0.30	0.12	2345	96
02/11/16	12.91	2315	3.05	0.01	0645	96
02/12/16	14.25	1300	12.15	10.83	0415	96
02/13/16	12.17	1200	11.95	11.10	2245	96
02/14/16	17.54	1345	13.41	10.81	0815	96
02/15/16	20.02	1645	16.48	12.30	0615	96
02/16/16	18.72	0015	9.07	1.65	2315	96
02/17/16	1.68	0015	0.93	0.28	2345	96
02/18/16	0.64	1315	0.26	0.08	0430	96
02/19/16	0.75	1200	0.39	0.05	0445	96
02/20/16	1.23	1330	0.63	0.31	0730	96
02/21/16	0.94	1145	0.62	0.41	0745	96
02/22/16	1.20	1415	0.64	0.36	0615	96
02/23/16	1.08	1730	0.79	0.44	1115	96
02/24/16	1.23	1215	1.06	0.94	0015	96
02/25/16	1.21	2015	1.03	0.72	0800	96
02/26/16	1.10	0015	0.68	0.37	0000	96
02/27/16	0.94	2230	0.46	0.05	0845	96
02/28/16	1.62	1545	1.11	0.56	0530	96
02/29/16	2.21	1100	1.62	1.26	0430	96
AVERAGE	6.14		4.12	2.62		
STD DEV.:	6.76		5.13	4.27		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR March 2016

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
03/01/16	2.09	0245	1.69	1.38	0730	96
03/02/16	2.42	1215	1.94	1.35	2315	96
03/03/16	1.35	0045	1.08	0.75	0700	96
03/04/16	1.21	1400	0.95	0.74	0800	96
03/05/16	1.79	1245	1.29	0.77	0345	96
03/06/16	2.45	1445	1.81	1.23	0700	96
03/07/16	2.26	1545	1.91	1.67	2330	96
03/08/16	2.96	1545	2.32	1.52	0715	96
03/09/16	5.12	2215	3.81	2.79	0015	96
03/10/16	6.07	1530	4.69	4.22	0645	96
03/11/16	4.96	1500	4.61	4.28	0000	96
03/12/16	6.51	1730	4.96	3.90	0745	96
03/13/16	7.06	1915	6.02	4.23	0815	96
03/14/16	6.94	0015	6.12	5.20	2300	96
03/15/16	6.07	0445	4.59	3.14	2315	87
03/16/16	7.00	1700	4.77	3.21	0015	96
03/17/16	8.55	1430	5.91	4.48	0715	92
03/18/16	6.80	0015	6.01	5.60	2330	73
03/19/16	6.13	1815	5.63	5.11	0845	96
03/20/16	6.87	1415	5.56	4.91	0800	96
03/21/16	5.50	1530	4.99	4.52	0900	96
03/22/16	5.56	1815	4.84	4.11	0645	96
03/23/16	6.80	2300	5.78	3.90	0715	79
03/24/16	7.11	1300	6.19	5.40	0830	96
03/25/16	6.37	1415	5.39	4.87	2215	96
03/26/16	7.21	1600	5.37	4.37	0730	96
03/27/16	6.66	1400	5.70	5.22	1145	96
03/28/16	5.79	0030	5.40	5.19	0000	96
03/29/16	5.91	1515	5.19	4.84	0615	96
03/30/16	6.79	2030	5.57	4.60	0715	96
03/31/16	8.43	1530	7.08	6.02	0530	96
AVERAGE	5.38		4.42	3.66		
STD DEV.:	2.15		1.80	1.65		



PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR April 2016

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
04/01/16	9.44	1600	8.39	7.47	0030	96
04/02/16	9.44	0400	8.82	8.15	0000	96
04/03/16	8.23	0115	7.57	6.95	2300	96
04/04/16	7.08	0100	6.33	5.76	2200	96
04/05/16	7.01	1600	6.04	5.39	0815	96
04/06/16	8.54	1415	5.59	4.96	0700	96
04/07/16	6.60	1545	5.82	5.21	0815	96
04/08/16	7.17	1100	6.05	5.39	2345	96
04/09/16	5.75	1615	5.34	4.82	0745	96
04/10/16	7.08	1330	5.91	5.03	0715	96
04/11/16	7.44	1345	6.38	5.97	0630	96
04/12/16	6.83	1145	6.15	5.84	0415	96
04/13/16	7.22	2215	6.42	5.65	0700	96
04/14/16	8.15	2145	7.44	6.77	0645	96
04/15/16	9.54	2045	8.21	7.52	0545	96
04/16/16	10.79	1445	9.11	8.01	0700	96
04/17/16	9.99	1515	9.37	8.52	0730	96
04/18/16	10.73	1515	10.12	9.78	0615	96
04/19/16	11.21	1515	10.66	10.34	1015	96
04/20/16	11.33	1400	10.76	10.15	0730	96
04/21/16	12.12	1715	11.33	10.62	0630	96
04/22/16	12.00	1400	11.59	11.23	0530	96
04/23/16	14.19	1445	13.01	11.95	0030	96
04/24/16	13.76	1500	12.86	12.27	0645	96
04/25/16	13.20	1415	12.50	11.71	0700	96
04/26/16	12.69	0015	11.93	11.04	0000	96
04/27/16	11.91	1530	11.16	10.23	0700	96
04/28/16	12.66	1645	11.81	10.97	0645	96
04/29/16	12.85	1615	12.20	11.65	0715	96
04/30/16	13.40	1530	12.42	11.55	0700	96
AVERAGE	9.88		9.04	8.36		
STD DEV.:	2.62		2.64	2.60		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR May 2016

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
05/01/16	12.71	1430	12.45	12.12	0000	96
05/02/16	12.13	0015	11.47	10.96	2330	96
05/03/16	11.36	1945	11.04	10.74	0345	96
05/04/16	12.11	1200	11.32	10.57	2315	96
05/05/16	10.69	1445	10.48	10.27	2345	96
05/06/16	11.57	1615	10.78	10.04	0645	96
05/07/16	11.65	1515	11.39	11.06	0230	96
05/08/16	12.37	1645	11.57	11.18	0700	96
05/09/16	12.70	1600	11.88	11.27	0630	96
05/10/16	13.30	1515	12.44	11.61	0600	96
05/11/16	14.48	1745	13.54	12.63	0530	96
05/12/16	14.94	2345	14.27	13.83	0600	96
05/13/16	15.70	0945	15.02	14.54	0630	96
05/14/16	16.66	1745	15.85	15.03	0645	96
05/15/16	16.38	1515	15.98	15.06	0000	96
05/16/16	15.18	0015	14.26	13.68	2230	96
05/17/16	14.49	1845	14.00	13.44	0645	96
05/18/16	15.64	1730	14.85	14.09	0545	96
05/19/16	16.00	1530	15.47	15.08	0415	96
05/20/16	16.58	1515	15.81	15.04	0615	96
05/21/16	17.05	1600	16.04	15.30	0615	96
05/22/16	16.62	1630	16.24	15.85	0545	96
05/23/16	17.55	1630	16.61	15.80	0645	96
05/24/16	17.51	1200	17.19	16.81	0030	96
05/25/16	19.14	1715	18.20	17.20	0045	96
05/26/16	20.23	1545	18.78	18.01	0300	96
05/27/16	20.13	0145	19.21	18.59	0930	96
05/28/16	20.71	1015	19.84	19.11	0445	96
05/29/16	19.95	0915	19.64	19.35	1245	96
05/30/16	20.40	1315	19.94	19.47	1930	96
05/31/16	22.58	1730	21.17	19.94	0015	96
AVERAGE	15.76		15.06	14.44		
STD DEV.:	3.25		3.13	3.05		

Station N-5  
Dissolved Oxygen



PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR June 2015

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
06/04/15	9.96	1315	9.83	9.62	1430	44
06/05/15	9.90	0215	9.51	8.97	2230	96
06/06/15	9.68	1345	9.12	8.26	2300	96
06/07/15	9.11	1700	8.72	8.16	0115	96
06/08/15	9.06	0800	8.83	7.95	2345	96
06/09/15	8.84	1330	8.37	7.87	2245	96
06/10/15	8.63	1645	8.12	7.62	2115	96
06/11/15	8.91	0745	8.03	7.50	2100	96
06/12/15	8.10	1615	7.73	7.20	2200	96
06/13/15	8.27	1415	7.67	6.93	2330	96
06/14/15	8.08	1630	7.42	6.68	0445	96
06/15/15	8.94	1500	7.80	6.69	0315	96
06/16/15	8.92	1630	8.27	7.81	0415	96
06/17/15	9.29	1215	8.73	7.85	0015	96
06/18/15	10.10	0730	8.83	8.26	2345	96
06/19/15	9.82	1545	8.79	8.02	0200	96
06/20/15	9.40	1515	8.78	7.89	0115	96
06/21/15	9.16	1445	8.35	7.62	0415	96
06/22/15	9.80	1345	8.95	7.86	0530	96
06/23/15	9.05	0945	8.72	8.29	2300	96
06/24/15	9.50	1545	8.99	8.29	0515	96
06/25/15	9.62	1530	9.02	8.46	2115	96
06/26/15	9.16	2300	8.83	7.85	0330	96
06/27/15	9.92	1415	9.47	8.99	0315	96
06/28/15	9.37	0030	9.18	8.84	1400	96
06/29/15	9.45	1615	9.24	8.94	1100	96
06/30/15	9.97	0715	9.42	9.11	2230	96
AVERAGE	9.26		8.69	8.06		
STD DEV.:	0.57		0.61	0.73		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR July 2015

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
07/01/15	9.33	1315	9.12	8.86	1800	96
07/02/15	10.10	0000	9.52	8.90	0100	96
07/03/15	10.34	0515	10.14	9.87	2130	96
07/04/15	9.97	1030	9.72	9.43	2315	96
07/05/15	9.58	0015	9.30	8.99	2000	96
07/06/15	9.17	1315	8.87	8.45	0000	96
07/07/15	8.79	1245	8.43	8.01	0000	96
07/08/15	8.58	1430	8.09	7.65	2330	96
07/09/15	8.04	0800	7.78	7.51	0500	96
07/10/15	8.51	1200	7.91	7.29	0400	96
07/11/15	8.49	1245	7.81	7.22	2345	96
07/12/15	8.53	1545	7.66	7.11	0430	96
07/13/15	8.35	1745	7.56	6.81	0700	96
07/14/15	8.08	1700	7.34	6.79	0615	96
07/15/15	8.86	1530	7.70	6.82	0600	96
07/16/15	9.33	1700	7.53	6.48	0545	96
07/17/15	8.70	1700	7.59	6.92	0600	96
07/18/15	8.32	1800	7.51	6.80	0230	96
07/19/15	8.60	1515	7.41	6.18	0430	96
07/20/15	9.22	1530	7.45	5.65	0430	96
07/21/15	7.78	0930	7.45	6.94	2230	96
07/22/15	9.11	1700	7.60	6.32	2300	96
07/23/15	9.09	1230	7.15	5.54	2345	96
07/24/15	7.91	1000	6.24	5.44	0215	96
07/25/15	7.98	1800	6.94	5.60	0300	96
07/26/15	7.54	1615	6.98	5.93	2045	96
07/27/15	7.16	0500	6.51	5.77	2100	96
07/28/15	7.69	1100	6.37	5.52	0945	96
07/29/15	7.86	1545	6.97	5.93	0515	96
07/30/15	7.64	1515	6.89	6.14	2345	96
07/31/15	8.12	1430	6.63	5.76	0645	96
AVERAGE	8.61		7.75	6.98		
STD DEV.:	0.79		0.99	1.26		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR August 2015

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
08/01/15	7.82	1445	6.30	5.43	0800	96
08/02/15	7.43	1630	6.36	5.57	0645	96
08/03/15	9.63	1930	7.54	5.73	0400	96
08/04/15	9.00	1715	7.20	6.27	0715	96
08/05/15	10.91	1630	7.67	6.22	0330	96
08/06/15	10.61	1645	7.98	6.04	0530	96
08/07/15	10.56	1715	7.91	5.91	0615	96
08/08/15	11.35	1400	9.01	6.63	0400	96
08/09/15	11.46	1745	9.10	6.97	0530	96
08/10/15	11.20	1900	9.21	6.90	0545	96
08/11/15	10.39	0015	9.07	6.44	0000	96
08/12/15	12.15	1430	8.69	5.69	0500	96
08/13/15	8.51	0800	7.48	6.76	2345	73
08/14/15	8.85	1645	7.40	6.16	0615	96
08/15/15	8.26	1430	7.13	5.66	0715	96
08/16/15	8.84	1800	7.52	6.22	0500	96
08/17/15	8.92	1800	7.86	7.00	0945	96
08/18/15	8.66	1715	7.76	6.85	0645	96
08/19/15	7.65	1615	6.74	5.60	0000	96
08/20/15	9.23	1530	7.25	4.81	0415	96
08/21/15	8.87	1600	7.12	6.06	2330	96
08/22/15	8.01	1745	7.00	5.78	0430	96
08/23/15	8.00	1445	6.91	5.98	0315	96
08/24/15	8.46	1645	7.06	5.72	0545	96
08/25/15	8.03	1730	6.94	6.11	1130	96
08/26/15	8.40	1400	7.02	5.95	0215	96
08/27/15	8.98	1645	7.67	6.55	0100	96
08/28/15	9.16	1615	7.98	6.91	0630	96
08/29/15	9.18	1445	7.88	6.80	0630	96
08/30/15	9.36	1515	8.12	7.00	0345	96
08/31/15	10.19	1515	8.54	7.14	0500	96
AVERAGE	9.29		7.66	6.22		
STD DEV.:	1.25		0.78	0.58		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR September 2015

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
09/01/15	9.69	1615	8.56	7.77	0100	96
09/02/15	9.45	1545	8.09	7.34	0500	96
09/03/15	9.27	1415	7.74	6.96	0400	96
09/04/15	9.14	1715	7.71	6.46	0415	96
09/05/15	9.08	1430	7.60	6.95	0800	96
09/06/15	8.20	1730	7.06	6.20	0900	96
09/07/15	8.66	1645	6.86	5.56	0715	96
09/08/15	8.01	1815	7.02	6.04	0930	96
09/09/15	8.84	2045	7.10	6.35	0700	96
09/10/15	8.15	0000	6.93	6.25	0900	96
09/11/15	8.88	1445	7.95	6.64	0445	96
09/12/15	8.59	1730	7.38	6.21	0415	96
09/13/15	8.37	1300	7.79	6.79	0345	96
09/14/15	9.19	1415	7.96	7.10	0145	96
09/15/15	9.35	1500	8.48	7.47	0800	96
09/16/15	9.42	1530	8.48	7.63	0900	96
09/17/15	8.66	1715	7.83	7.01	1045	96
09/18/15	8.43	1515	7.53	6.86	0745	96
09/19/15	9.20	1245	8.01	6.82	0345	96
09/20/15	9.32	1345	8.41	6.80	0530	96
09/21/15	8.92	0830	7.79	6.82	0530	96
09/22/15	8.59	1015	7.46	6.56	0230	96
09/23/15	9.06	1345	7.75	7.06	0515	96
09/24/15	9.39	1715	7.78	6.83	1115	96
09/25/15	9.19	0815	8.17	7.22	1030	96
09/26/15	9.57	0730	8.44	7.47	0400	96
09/27/15	9.70	1515	8.23	7.31	0900	96
09/28/15	9.52	1245	8.26	7.10	0800	96
09/29/15	9.28	1215	8.32	7.19	2000	96
09/30/15	9.44	1245	8.61	7.47	0030	96
AVERAGE	9.02		7.84	6.87		
STD DEV.:	0.47		0.51	0.51		



PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR October 2015

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
10/01/15	9.09	1415	8.60	8.23	0615	96
10/02/15	10.05	1830	9.41	8.65	0045	96
10/03/15	9.85	0015	9.58	9.34	1915	96
10/04/15	9.58	0115	9.35	9.05	2215	96
10/05/15	9.18	0045	8.93	8.62	0700	96
10/06/15	9.90	1630	8.99	8.47	0245	96
10/07/15	9.71	1445	8.80	8.05	2330	96
10/08/15	9.86	1200	8.66	7.69	0645	96
10/09/15	9.79	2130	8.63	7.63	0215	96
10/10/15	9.84	1330	9.11	8.03	0500	96
10/11/15	10.02	1615	9.43	8.30	0130	96
10/12/15	10.26	1400	9.62	9.26	0715	96
10/13/15	10.30	1415	9.55	8.64	2045	96
10/14/15	10.09	1015	9.29	8.62	0230	96
10/15/15	10.80	1530	9.58	8.53	0030	96
10/16/15	11.18	1415	10.11	9.33	0415	96
10/17/15	11.19	1230	10.29	9.06	1900	96
10/18/15	11.96	1400	10.67	9.08	0115	96
10/19/15	11.89	1030	10.79	9.39	0800	96
10/20/15	11.74	1530	10.68	9.77	0400	96
10/21/15	11.15	1345	10.33	9.23	0515	96
10/22/15	11.17	2115	10.11	9.06	0100	96
10/23/15	11.77	1630	10.89	9.21	0230	96
10/24/15	10.92	1845	10.03	9.22	0345	96
10/25/15	11.64	2215	10.80	9.68	1730	96
10/26/15	11.97	1615	10.69	9.33	0530	96
10/27/15	11.81	0845	10.55	9.37	0245	96
10/28/15	11.52	1745	10.60	9.62	0530	96
10/29/15	11.58	1815	10.75	10.24	2130	96
10/30/15	11.54	1345	10.97	10.36	0745	96
10/31/15	11.51	1400	11.09	10.74	2030	96
AVERAGE	10.74		9.90	9.03		
STD DEV.:	0.91		0.80	0.74		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR November 2015

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
11/01/15	11.41	0400	10.91	10.25	2315	96
11/02/15	11.67	1045	10.51	10.07	0830	96
11/03/15	11.58	1430	10.31	9.99	1330	96
11/04/15	10.23	0145	9.93	9.67	1245	96
11/05/15	10.02	1530	9.60	9.40	2300	96
11/06/15	10.40	1400	9.66	9.27	0000	96
11/07/15	11.12	1045	9.81	9.18	0530	96
11/08/15	11.20	1415	9.85	9.15	0830	96
11/09/15	9.92	1215	9.64	9.45	0215	96
11/10/15	11.12	1130	9.83	9.55	0300	96
11/11/15	11.08	1115	9.94	9.51	0545	96
11/12/15	11.77	1430	10.67	9.65	0315	96
11/13/15	12.37	1400	11.22	10.55	0030	96
11/14/15	12.87	1445	12.05	10.92	0030	96
11/15/15	12.37	0130	11.66	11.27	0015	96
11/16/15	13.22	1515	11.99	11.11	1800	96
11/17/15	12.00	1400	11.56	11.44	0015	96
11/18/15	12.57	1245	11.80	11.49	0030	96
11/19/15	12.56	1300	12.13	11.60	0300	96
11/20/15	13.38	1130	12.09	11.41	1645	96
11/21/15	13.18	1415	12.60	11.90	0130	96
11/22/15	13.26	0315	12.79	12.29	2300	96
11/23/15	13.53	1045	12.96	11.87	2330	96
11/24/15	12.39	0045	12.11	11.93	0145	96
11/25/15	12.84	1430	12.20	11.97	0515	96
11/26/15	13.11	1200	12.38	12.03	0045	96
11/27/15	13.14	1430	12.51	11.99	1845	96
11/28/15	13.22	0700	11.89	11.53	2230	96
11/29/15	13.55	1415	12.17	11.54	0230	96
11/30/15	12.91	1230	12.09	11.74	0015	96
AVERAGE	12.13		11.30	10.79		
STD DEV.:	1.11		1.12	1.07		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR December 2015

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
12/01/15	12.60	1330	12.30	11.85	0045	96
12/02/15	13.31	1445	12.60	12.29	0045	96
12/03/15	14.00	1400	12.94	12.20	0830	96
12/04/15	13.87	1245	13.03	12.49	0030	96
12/05/15	13.86	1645	13.45	12.80	2300	96
12/06/15	13.08	1230	12.89	12.52	2345	96
12/07/15	13.49	1830	12.85	12.53	0730	96
12/08/15	13.95	0815	12.71	12.45	0400	96
12/09/15	15.45	1215	13.77	12.53	0645	87
12/10/15	15.16	0230	14.41	13.61	0845	96
12/11/15	15.13	0430	14.36	13.40	2230	96
12/12/15	14.30	0200	13.61	12.56	2315	96
12/13/15	14.14	1015	13.18	11.55	1900	96
12/14/15	13.51	0630	12.54	11.07	2145	96
12/15/15	12.83	0230	11.90	10.78	2115	96
12/16/15	13.23	1730	12.07	10.65	0600	96
12/17/15	13.66	2300	12.96	12.19	0345	96
12/18/15	14.34	1000	13.29	12.09	0145	96
12/19/15	14.34	1345	13.44	12.49	0800	96
12/20/15	15.35	2230	13.66	12.84	0900	96
12/21/15	15.63	1600	15.13	14.50	0145	96
12/22/15	15.68	0615	15.04	14.26	1815	96
12/23/15	15.52	0015	14.45	13.41	1600	96
12/24/15	14.42	2215	14.05	13.70	0300	96
12/25/15	14.82	0730	14.49	14.19	1845	96
12/26/15	14.78	0100	14.13	13.61	1945	96
12/27/15	14.27	2115	13.59	13.10	1815	96
12/28/15	15.46	0745	13.97	13.19	2215	96
12/29/15	14.34	0000	13.78	13.25	0230	96
12/30/15	14.54	1015	14.29	13.95	0145	96
12/31/15	14.56	1300	14.20	13.81	0615	96
AVERAGE	14.31		13.52	12.77		
STD DEV.:	0.86		0.83	0.98		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR January 2016

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
01/01/16	14.18	1230	13.97	13.76	2200	96
01/02/16	14.35	1030	13.72	13.35	2115	96
01/03/16	13.81	1530	13.43	13.19	2215	96
01/04/16	15.38	1315	14.43	13.08	0300	96
01/05/16	15.66	1815	14.55	13.41	0915	96
01/06/16	15.80	2130	15.02	14.19	1030	96
01/07/16	15.60	0230	14.89	13.93	2015	96
01/08/16	15.51	0745	14.49	13.38	0945	96
01/09/16	16.15	2045	14.76	14.01	1800	96
01/10/16	15.42	1445	14.47	13.61	2115	96
01/11/16	16.11	0500	15.01	13.93	0200	96
01/12/16	15.60	1445	15.28	14.75	0015	87
01/13/16	14.68	1230	13.51	10.61	2230	60
01/14/16	11.80	1145	11.20	10.60	0400	96
01/15/16	12.24	1245	10.77	9.51	0830	96
01/16/16	10.69	0045	10.26	9.91	2145	96
01/17/16	13.99	2230	10.28	9.59	1445	96
01/18/16	14.06	0715	13.97	13.60	1930	96
01/19/16	14.12	1100	13.88	12.70	0145	96
01/20/16	14.36	0445	14.16	13.95	1930	96
01/21/16	14.46	1730	14.24	13.92	1045	96
01/22/16	14.36	0600	12.95	11.71	1345	96
01/23/16	13.00	0145	12.46	11.60	1815	96
01/24/16	12.70	0500	12.56	12.18	1000	96
01/25/16	12.61	0145	11.82	11.18	1430	96
01/26/16	12.68	0000	11.61	10.60	1645	96
01/27/16	12.48	0015	12.24	12.13	2200	96
01/28/16	12.32	2245	11.93	9.08	2345	96
01/29/16	9.86	0230	9.01	7.39	1615	96
01/30/16	10.11	0315	9.51	8.83	1845	96
01/31/16	10.12	2200	9.42	8.39	0415	96
AVERAGE	13.68		12.90	12.00		
STD DEV.:	1.85		1.87	2.04		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR February 2016

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
02/01/16	12.10	2315	9.74	8.64	1630	96
02/02/16	12.16	2145	12.07	11.99	0730	96
02/03/16	12.27	1845	12.14	12.02	2330	96
02/04/16	12.12	0800	12.03	11.88	1945	96
02/05/16	12.44	0000	12.17	11.93	0045	96
02/06/16	12.51	0315	10.97	9.58	2145	96
02/07/16	9.95	0315	9.63	9.20	1945	96
02/08/16	10.58	0330	9.94	8.67	1645	96
02/09/16	10.49	1715	9.85	8.76	0045	96
02/10/16	12.24	1430	11.29	9.47	0300	96
02/11/16	12.24	1415	11.94	10.22	2115	96
02/12/16	11.59	1100	11.18	10.79	0230	96
02/13/16	11.25	1130	11.10	10.81	1915	96
02/14/16	11.57	1300	11.26	10.56	0630	96
02/15/16	11.59	0200	11.11	10.75	1945	96
02/16/16	12.60	0345	11.66	10.11	1900	96
02/17/16	10.80	0800	10.29	8.96	0000	96
02/18/16	10.36	1445	9.74	8.61	0045	96
02/19/16	10.20	0930	9.87	9.59	0000	96
02/20/16	10.02	2030	9.44	8.76	1700	96
02/21/16	10.19	1930	9.55	8.72	0915	96
02/22/16	10.10	1045	9.19	8.27	2300	96
02/23/16	10.16	2130	9.24	8.46	0030	96
02/24/16	9.74	1445	9.21	8.64	1045	96
02/25/16	9.96	1100	9.03	8.32	0200	96
02/26/16	10.57	1745	9.85	8.73	0015	96
02/27/16	10.01	1500	9.75	9.39	0300	96
02/28/16	9.94	0030	9.62	9.26	2315	96
02/29/16	9.89	1600	9.30	8.97	2215	96
AVERAGE	11.02		10.42	9.66		
STD DEV.:	1.01		1.06	1.20		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR March 2016

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
03/01/16	10.59	0330	9.41	8.84	2145	96
03/02/16	10.21	2030	9.33	8.67	0700	96
03/03/16	9.96	0015	9.30	8.88	0630	96
03/04/16	9.39	0645	9.23	9.06	2100	96
03/05/16	9.21	1345	9.01	8.81	2330	96
03/06/16	9.15	1045	8.87	8.75	0145	96
03/07/16	8.94	1015	8.75	8.53	2315	96
03/08/16	8.74	0630	8.55	8.40	2245	96
03/09/16	8.71	1215	8.43	8.28	0745	96
03/10/16	8.71	1045	8.35	8.17	2115	96
03/11/16	9.12	1545	8.73	8.30	0215	96
03/12/16	9.35	2345	9.22	9.01	0015	96
03/13/16	9.57	0745	9.18	8.92	2230	96
03/14/16	9.15	1345	8.96	8.88	0215	96
03/15/16	8.99	1015	8.93	8.76	2345	96
03/16/16	8.92	1500	8.81	8.55	0715	96
03/17/16	8.95	0545	8.88	8.71	0100	96
03/18/16	9.03	1615	8.91	8.78	0030	96
03/19/16	9.13	0900	9.03	8.91	0015	96
03/20/16	9.15	0945	9.05	8.94	0415	96
03/21/16	9.03	0130	8.87	8.60	2300	96
03/22/16	8.83	1045	8.66	8.40	2130	96
03/23/16	8.73	1100	8.54	8.25	0245	96
03/24/16	8.58	1300	8.45	8.33	2300	96
03/25/16	8.43	0930	8.33	8.20	2330	96
03/26/16	8.35	1415	8.22	8.09	2245	96
03/27/16	8.20	1415	8.08	7.85	1115	96
03/28/16	8.07	1330	7.96	7.65	0000	96
03/29/16	7.90	1445	7.68	7.42	0245	96
03/30/16	12.94	1015	10.56	7.58	0145	89
03/31/16	12.10	0030	11.85	11.47	2330	96
AVERAGE	9.23		8.91	8.58		
STD DEV.:	1.05		0.76	0.69		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR April 2016

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
04/01/16	11.51	0030	11.09	10.50	2345	96
04/02/16	10.74	1230	10.57	10.30	0500	96
04/03/16	11.00	1900	10.85	10.53	0430	96
04/04/16	11.00	1315	10.83	10.59	2145	96
04/05/16	11.55	1745	11.08	10.61	0200	96
04/06/16	11.64	1245	11.39	10.95	0030	96
04/07/16	11.69	1615	11.38	10.89	2230	96
04/08/16	11.39	2330	11.03	10.73	0445	96
04/09/16	11.88	1230	11.69	11.29	0015	96
04/10/16	11.91	1130	11.73	11.37	0000	96
04/11/16	11.51	1045	11.19	10.75	2145	96
04/12/16	11.31	1415	10.99	10.66	0500	96
04/13/16	11.44	1300	11.17	10.68	0100	96
04/14/16	11.47	1215	11.30	11.14	2330	96
04/15/16	11.23	1115	10.98	10.60	2200	96
04/16/16	11.11	1215	10.63	10.07	2230	96
04/17/16	10.47	1200	10.15	9.65	2245	96
04/18/16	10.10	1445	9.79	9.46	2230	96
04/19/16	10.15	1500	9.65	9.14	2130	96
04/20/16	9.96	1215	9.54	9.14	0100	96
04/21/16	9.61	1530	9.28	8.93	0000	96
04/22/16	9.61	1515	8.93	8.45	2315	96
04/23/16	9.65	1515	9.15	8.35	0245	96
04/24/16	9.45	1130	8.93	8.34	0430	96
04/25/16	9.41	1600	8.84	8.47	2030	96
04/26/16	11.91	0900	10.14	8.62	0100	96
04/27/16	9.71	0030	9.19	8.69	2030	96
04/28/16	10.76	1030	9.64	8.81	0015	96
04/29/16	10.06	2000	9.35	9.01	0600	96
04/30/16	10.54	0000	9.57	8.89	0745	96
AVERAGE	10.79		10.33	9.85		
STD DEV.:	0.83		0.93	1.02		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR May 2016

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
05/01/16	12.11	0430	11.23	10.30	0045	96
05/02/16	11.99	0330	10.76	9.49	2345	96
05/03/16	9.86	1530	9.63	9.35	0230	96
05/04/16	10.23	0915	9.84	9.41	2330	96
05/05/16	9.69	1630	9.48	9.27	0400	96
05/06/16	9.95	1500	9.65	9.27	2345	96
05/07/16	9.49	1245	9.30	9.04	2130	96
05/08/16	9.78	1445	9.22	8.75	2245	96
05/09/16	9.68	1430	9.18	8.73	0400	96
05/10/16	9.42	0900	9.08	8.58	2130	96
05/11/16	11.16	1230	9.79	8.52	0600	96
05/12/16	11.72	0715	10.70	9.44	1000	96
05/13/16	11.21	0500	10.29	9.48	2330	96
05/14/16	10.51	1515	9.85	9.31	0715	96
05/15/16	10.13	1615	9.67	9.21	0200	96
05/16/16	10.85	1400	9.94	9.14	0130	96
05/17/16	10.60	1500	10.01	9.55	0345	96
05/18/16	10.55	1745	9.96	9.55	0030	96
05/19/16	10.18	1715	9.75	9.38	2245	96
05/20/16	10.53	1400	10.02	9.49	1100	96
05/21/16	10.80	0500	10.17	9.47	2330	96
05/22/16	12.12	0000	10.16	8.48	1230	96
05/23/16	12.88	0400	10.76	9.22	1015	96
05/24/16	9.47	0015	9.10	8.32	0000	96
05/25/16	10.10	1330	9.12	7.90	0630	96
05/26/16	9.53	1145	8.97	8.43	2345	96
05/27/16	9.95	1530	8.73	7.84	0830	96
05/28/16	9.74	1545	8.62	7.72	0300	96
05/29/16	9.43	1500	8.49	7.63	0300	96
05/30/16	9.57	1700	8.56	7.85	0400	96
05/31/16	10.64	1730	8.79	7.20	0530	96
AVERAGE	10.44		9.64	8.88		
STD DEV.:	0.93		0.70	0.73		



Station N-5  
pH



PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR June 2015

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
06/01/15	6.83	0015	6.78	6.74	1030	96
06/02/15	6.80	0430	6.78	6.77	0945	96
06/03/15	6.78	1000	6.77	6.75	2215	96
06/04/15	6.86	1430	6.79	6.74	0815	94
06/05/15	6.83	0515	6.82	6.80	1015	96
06/06/15	6.85	2115	6.82	6.80	1230	96
06/07/15	6.86	1800	6.84	6.82	0230	96
06/08/15	6.86	0930	6.73	6.64	2315	96
06/09/15	6.69	1900	6.65	6.61	0430	96
06/10/15	6.71	1900	6.66	6.63	0430	96
06/11/15	6.70	1830	6.66	6.62	0300	96
06/12/15	6.69	1745	6.65	6.62	0615	96
06/13/15	6.73	1945	6.66	6.61	0530	96
06/14/15	6.77	1730	6.70	6.64	0545	96
06/15/15	6.71	1430	6.68	6.65	0500	96
06/16/15	6.67	1815	6.65	6.64	0800	96
06/17/15	6.71	1715	6.67	6.64	0100	96
06/18/15	6.72	1345	6.68	6.65	0400	96
06/19/15	6.77	2015	6.70	6.65	0300	96
06/20/15	6.80	1730	6.74	6.69	0630	96
06/21/15	6.77	1600	6.72	6.68	2345	96
06/22/15	6.78	1645	6.72	6.67	0700	96
06/23/15	6.73	0200	6.70	6.66	0000	96
06/24/15	6.76	1715	6.71	6.66	0015	96
06/25/15	6.71	0015	6.65	6.61	1300	96
06/26/15	6.71	0000	6.67	6.60	0215	96
06/27/15	6.72	0100	6.61	6.56	2030	96
06/28/15	6.64	2215	6.60	6.56	0030	96
06/29/15	6.69	1715	6.66	6.62	0045	96
06/30/15	6.68	0845	6.67	6.66	0345	96
AVERAGE	6.75		6.70	6.67		
STD DEV.:	0.06		0.06	0.07		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR July 2015

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
07/01/15	6.69	1200	6.67	6.50	1315	96
07/02/15	6.66	0100	6.54	6.46	2215	95
07/03/15	6.48	1330	6.47	6.45	0200	96
07/04/15	6.48	0145	6.47	6.45	2330	96
07/05/15	6.47	0715	6.45	6.44	0530	96
07/06/15	6.66	1545	6.55	6.44	0200	96
07/07/15	6.68	1545	6.65	6.63	0015	96
07/08/15	6.69	1900	6.66	6.64	1015	96
07/09/15	6.71	1400	6.68	6.66	0030	96
07/10/15	6.76	1815	6.71	6.68	0130	96
07/11/15	6.77	1715	6.72	6.68	0145	96
07/12/15	6.82	1830	6.73	6.67	0300	96
07/13/15	6.86	1800	6.75	6.68	0615	96
07/14/15	6.86	1645	6.78	6.73	0430	96
07/15/15	6.92	1945	6.81	6.74	0745	96
07/16/15	6.85	1030	6.80	6.71	1115	96
07/17/15	6.85	1730	6.75	6.67	0630	96
07/18/15	6.72	1715	6.69	6.65	0145	96
07/19/15	6.76	1630	6.69	6.64	0445	96
07/20/15	6.81	1830	6.71	6.61	0630	96
07/21/15	6.78	0900	6.71	6.63	0000	96
07/22/15	6.72	1800	6.66	6.61	0630	96
07/23/15	6.63	0015	6.58	6.53	2330	96
07/24/15	6.59	1715	6.55	6.50	0945	96
07/25/15	6.57	1730	6.53	6.50	0700	96
07/26/15	6.60	1930	6.54	6.51	0545	96
07/27/15	6.59	2000	6.56	6.53	1700	96
07/28/15	6.61	2000	6.57	6.53	1100	98
07/29/15	6.67	1830	6.62	6.56	0745	96
07/30/15	6.72	1815	6.65	6.57	0700	96
07/31/15	6.82	2000	6.68	6.59	0715	96
AVERAGE	6.70		6.64	6.59		
STD DEV.:	0.12		0.10	0.09		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR August 2015

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
08/01/15	6.84	1845	6.74	6.69	0930	96
08/02/15	6.84	1800	6.76	6.69	0900	96
08/03/15	6.86	1900	6.78	6.71	0545	96
08/04/15	6.87	1830	6.77	6.72	0500	96
08/05/15	6.94	1800	6.80	6.69	0615	96
08/06/15	6.94	1715	6.81	6.74	0900	96
08/07/15	6.91	1815	6.80	6.73	0615	96
08/08/15	7.02	1830	6.83	6.70	0700	96
08/09/15	6.93	1800	6.82	6.70	0800	96
08/10/15	6.85	1830	6.79	6.73	0745	96
08/11/15	6.78	1745	6.72	6.65	1015	96
08/12/15	6.82	1645	6.72	6.64	0730	96
08/13/15	6.78	1715	6.68	6.60	0945	94
08/14/15	6.84	1745	6.69	6.59	0630	96
08/15/15	6.77	1945	6.68	6.60	0730	96
08/16/15	6.83	1900	6.73	6.65	0515	96
08/17/15	6.91	1815	6.77	6.68	0515	96
08/18/15	7.11	0715	6.84	6.68	0700	96
08/19/15	6.86	1830	6.76	6.66	0530	96
08/20/15	6.97	1715	6.76	6.58	0745	96
08/21/15	6.78	0015	6.73	6.67	0645	96
08/22/15	6.79	1800	6.70	6.61	0530	96
08/23/15	6.75	1730	6.69	6.60	0715	96
08/24/15	6.76	1800	6.69	6.61	0615	96
08/25/15	6.74	1815	6.68	6.61	0815	96
08/26/15	6.69	1800	6.66	6.62	2345	96
08/27/15	6.77	1830	6.68	6.62	0015	96
08/28/15	6.88	1715	6.75	6.66	0830	96
08/29/15	6.89	1800	6.78	6.69	0600	96
08/30/15	6.89	1815	6.81	6.74	0745	96
08/31/15	6.94	0845	6.82	6.75	0745	96
AVERAGE	6.86		6.75	6.66		
STD DEV.:	0.09		0.05	0.05		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR September 2015

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
09/01/15	6.92	1845	6.83	6.77	0345	96
09/02/15	6.92	2000	6.83	6.73	0815	96
09/03/15	7.03	1900	6.87	6.73	0915	95
09/04/15	7.10	2130	6.91	6.73	0930	96
09/05/15	7.04	1545	6.90	6.77	0830	96
09/06/15	6.98	1715	6.85	6.74	0700	96
09/07/15	7.28	1730	6.93	6.75	0700	96
09/08/15	7.35	1615	6.94	6.79	0645	96
09/09/15	6.97	1900	6.83	6.71	0630	96
09/10/15	6.84	1800	6.75	6.68	0815	96
09/11/15	6.89	1645	6.75	6.67	0330	96
09/12/15	6.93	1730	6.76	6.65	0515	96
09/13/15	6.79	1445	6.73	6.69	0000	96
09/14/15	6.80	1700	6.72	6.68	0130	96
09/15/15	6.83	1900	6.73	6.67	0845	96
09/16/15	6.90	1700	6.75	6.66	0730	96
09/17/15	6.83	2130	6.73	6.64	0730	96
09/18/15	6.81	0015	6.77	6.74	0700	96
09/19/15	6.83	1445	6.77	6.71	0545	96
09/20/15	6.87	1915	6.79	6.72	0630	96
09/21/15	6.92	1815	6.84	6.73	0700	96
09/22/15	6.86	0015	6.78	6.73	0745	96
09/23/15	6.89	1700	6.81	6.76	1000	96
09/24/15	6.89	2100	6.80	6.77	0730	96
09/25/15	6.87	2215	6.82	6.78	0730	96
09/26/15	6.86	0015	6.83	6.79	0815	96
09/27/15	6.85	1630	6.81	6.78	0800	96
09/28/15	6.82	0030	6.79	6.77	0630	96
09/29/15	6.81	0030	6.77	6.73	2200	96
09/30/15	6.76	0015	6.69	6.61	1845	96
AVERAGE	6.91		6.80	6.72		
STD DEV.:	0.13		0.06	0.05		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR October 2015

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
10/01/15	6.64	0015	6.55	6.47	2215	96
10/02/15	6.50	0300	6.44	6.39	2330	96
10/03/15	6.43	0000	6.40	6.38	0830	96
10/04/15	6.47	2345	6.44	6.42	0130	96
10/05/15	6.49	1330	6.48	6.46	0045	96
10/06/15	6.53	2030	6.50	6.49	0100	96
10/07/15	6.54	1000	6.52	6.50	0200	96
10/08/15	6.55	1415	6.51	6.49	2330	96
10/09/15	6.55	1900	6.52	6.51	0615	96
10/10/15	6.56	1800	6.53	6.50	0815	96
10/11/15	6.59	1130	6.56	6.53	0245	96
10/12/15	6.58	1015	6.56	6.54	1730	96
10/13/15	6.60	1430	6.56	6.53	0130	96
10/14/15	6.60	1400	6.57	6.55	1015	96
10/15/15	6.71	2030	6.64	6.56	0945	96
10/16/15	6.73	1815	6.68	6.65	1045	96
10/17/15	6.74	2300	6.68	6.65	0930	96
10/18/15	6.75	0115	6.72	6.69	1015	96
10/19/15	6.73	1445	6.70	6.67	2145	96
10/20/15	6.72	1630	6.67	6.65	0700	96
10/21/15	6.70	1715	6.67	6.64	0730	96
10/22/15	6.71	2300	6.67	6.63	0845	96
10/23/15	6.78	1930	6.71	6.64	0330	96
10/24/15	6.77	1930	6.74	6.71	1045	96
10/25/15	6.74	0400	6.72	6.69	1800	96
10/26/15	6.79	2030	6.74	6.69	0845	96
10/27/15	6.78	2200	6.74	6.70	0830	96
10/28/15	6.77	1515	6.74	6.72	0415	96
10/29/15	6.76	0615	6.69	6.65	1345	96
10/30/15	6.70	1700	6.68	6.65	0015	96
10/31/15	6.68	0115	6.66	6.64	1400	96
AVERAGE	6.65		6.61	6.58		
STD DEV.:	0.11		0.10	0.10		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR November 2015

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
11/01/15	6.69	0500	6.67	6.65	2245	96
11/02/15	6.66	0315	6.64	6.60	1030	96
11/03/15	6.64	0545	6.61	6.58	1400	96
11/04/15	6.63	0900	6.60	6.58	1615	96
11/05/15	6.62	0945	6.60	6.58	0030	96
11/06/15	6.61	2315	6.60	6.59	0145	96
11/07/15	6.66	1615	6.62	6.58	0815	96
11/08/15	6.70	1845	6.65	6.60	0915	96
11/09/15	6.70	1915	6.68	6.65	0730	96
11/10/15	6.71	1900	6.69	6.64	1115	96
11/11/15	6.72	2245	6.69	6.64	1045	96
11/12/15	6.71	2345	6.69	6.66	0915	96
11/13/15	6.71	2045	6.69	6.67	1400	96
11/14/15	6.76	2000	6.72	6.68	0630	96
11/15/15	6.74	1045	6.73	6.71	0115	96
11/16/15	6.74	1800	6.71	6.69	1615	96
11/17/15	6.75	1030	6.73	6.70	2115	96
11/18/15	6.74	1000	6.73	6.70	0045	96
11/19/15	6.74	1415	6.72	6.70	0645	96
11/20/15	6.74	0530	6.72	6.69	0915	96
11/21/15	6.75	0245	6.71	6.67	2230	96
11/22/15	6.69	1130	6.67	6.62	2345	96
11/23/15	6.63	0015	6.59	6.57	2230	96
11/24/15	6.62	0145	6.59	6.57	2345	96
11/25/15	6.61	0600	6.58	6.57	1400	96
11/26/15	6.64	0930	6.61	6.57	0015	96
11/27/15	6.64	1030	6.62	6.60	1100	96
11/28/15	6.65	2245	6.64	6.61	0645	96
11/29/15	6.67	2030	6.64	6.61	0945	96
11/30/15	6.68	1130	6.66	6.64	0300	96
AVERAGE	6.68		6.66	6.63		
STD DEV.:	0.05		0.05	0.05		



PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR December 2015

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
12/01/15	6.68	1000	6.67	6.66	0030	96
12/02/15	6.70	1930	6.69	6.67	0030	96
12/03/15	6.74	2015	6.71	6.69	1015	96
12/04/15	6.73	0400	6.71	6.69	1245	96
12/05/15	6.70	0315	6.69	6.68	1015	96
12/06/15	6.71	0745	6.69	6.67	2315	96
12/07/15	6.68	0730	6.66	6.64	2245	96
12/08/15	6.67	0715	6.66	6.64	0815	96
12/09/15	6.71	1315	6.67	6.64	0330	87
12/10/15	6.72	0400	6.70	6.67	1830	96
12/11/15	6.72	1015	6.70	6.68	1730	96
12/12/15	6.72	0545	6.70	6.67	2045	96
12/13/15	6.73	0830	6.70	6.64	2115	96
12/14/15	6.74	0915	6.69	6.66	1930	96
12/15/15	6.73	0945	6.68	6.56	2115	96
12/16/15	6.79	1545	6.68	6.51	0600	96
12/17/15	6.80	1000	6.73	6.53	1915	96
12/18/15	6.79	0830	6.71	6.58	1830	96
12/19/15	6.78	1700	6.75	6.63	0030	96
12/20/15	6.82	1345	6.76	6.67	2000	96
12/21/15	6.78	0100	6.76	6.74	1700	96
12/22/15	6.78	0430	6.76	6.74	1130	96
12/23/15	6.77	0530	6.74	6.68	1930	96
12/24/15	6.74	0445	6.71	6.68	1730	96
12/25/15	6.76	0715	6.73	6.69	2215	96
12/26/15	6.71	0415	6.69	6.65	1930	96
12/27/15	6.70	0830	6.67	6.64	1815	96
12/28/15	6.72	2345	6.69	6.64	0015	96
12/29/15	6.72	0130	6.69	6.68	2015	96
12/30/15	6.72	1030	6.71	6.69	1515	96
12/31/15	6.72	1930	6.68	6.63	1115	96
AVERAGE	6.74		6.70	6.65		
STD DEV.:	0.04		0.03	0.05		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR January 2016

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
01/01/16	6.73	2045	6.69	6.65	0800	96
01/02/16	6.72	1845	6.69	6.65	0315	96
01/03/16	6.72	1700	6.69	6.66	0330	96
01/04/16	6.75	2315	6.71	6.65	0630	96
01/05/16	6.78	0400	6.75	6.70	1130	96
01/06/16	6.78	1645	6.75	6.74	0030	96
01/07/16	6.79	2145	6.77	6.75	1700	96
01/08/16	6.79	1245	6.76	6.64	1415	96
01/09/16	6.79	0515	6.75	6.71	1915	96
01/10/16	6.77	0500	6.73	6.67	2045	96
01/11/16	6.76	2300	6.74	6.68	0015	96
01/12/16	6.75	0030	6.69	6.55	2200	96
01/13/16	6.68	2015	6.58	6.54	1045	96
01/14/16	6.66	0400	6.63	6.59	1130	96
01/15/16	6.70	2330	6.66	6.58	1115	96
01/16/16	6.70	0200	6.67	6.64	1915	96
01/17/16	6.71	2200	6.69	6.62	2215	96
01/18/16	6.75	1815	6.71	6.70	0145	96
01/19/16	6.79	0145	6.73	6.69	1115	96
01/20/16	6.75	2345	6.74	6.71	1300	96
01/21/16	6.78	2200	6.75	6.74	1145	96
01/22/16	6.83	1400	6.79	6.75	2200	96
01/23/16	6.81	0030	6.79	6.76	1730	96
01/24/16	6.80	1845	6.78	6.77	0900	96
01/25/16	6.81	2030	6.79	6.76	0400	96
01/26/16	6.81	1045	6.69	6.58	0000	96
01/27/16	6.56	0015	6.54	6.54	0900	96
01/28/16	6.59	2315	6.53	6.51	1115	96
01/29/16	6.58	0015	6.55	6.54	2230	96
01/30/16	6.58	2330	6.56	6.50	0315	96
01/31/16	6.59	0415	6.57	6.54	1115	96
AVERAGE	6.73		6.69	6.65		
STD DEV.:	0.08		0.08	0.08		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR February 2016

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
02/01/16	6.59	2000	6.58	6.53	1115	96
02/02/16	6.60	2230	6.58	6.56	0315	96
02/03/16	6.62	2245	6.60	6.58	1845	96
02/04/16	6.62	0015	6.59	6.58	1030	96
02/05/16	6.59	0015	6.56	6.52	2345	96
02/06/16	6.58	1115	6.55	6.52	0430	96
02/07/16	6.54	0245	6.49	6.44	1915	96
02/08/16	6.61	0000	6.50	6.42	1115	96
02/09/16	6.61	0600	6.58	6.56	1430	96
02/10/16	6.61	0445	6.58	6.52	1000	96
02/11/16	6.72	0000	6.62	6.59	1100	96
02/12/16	6.75	1045	6.72	6.68	0600	96
02/13/16	6.72	2030	6.70	6.68	1215	96
02/14/16	6.79	1400	6.73	6.67	0815	96
02/15/16	6.75	0100	6.73	6.71	1730	96
02/16/16	6.72	0015	6.64	6.61	0800	96
02/17/16	6.67	0645	6.65	6.62	2200	96
02/18/16	6.66	1715	6.64	6.62	0200	96
02/19/16	6.66	1745	6.63	6.61	0530	96
02/20/16	6.63	0045	6.60	6.55	2300	96
02/21/16	6.65	1515	6.59	6.55	0130	96
02/22/16	6.59	0045	6.57	6.54	1145	96
02/23/16	6.63	1830	6.60	6.55	0245	96
02/24/16	6.66	1800	6.64	6.62	0730	96
02/25/16	6.63	1715	6.61	6.59	0215	96
02/26/16	6.63	0015	6.59	6.55	0000	96
02/27/16	6.55	0100	6.49	6.45	2045	96
02/28/16	6.50	1730	6.48	6.45	0230	96
02/29/16	6.56	2015	6.53	6.49	0215	96
AVERAGE	6.64		6.60	6.56		
STD DEV.:	0.07		0.07	0.07		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR March 2016

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
03/01/16	6.59	1745	6.56	6.51	0330	96
03/02/16	6.62	1530	6.58	6.55	0145	96
03/03/16	6.63	1700	6.61	6.59	1315	96
03/04/16	6.63	2115	6.61	6.59	0400	96
03/05/16	6.65	1700	6.63	6.61	0700	96
03/06/16	6.65	1530	6.63	6.59	2345	96
03/07/16	6.65	1530	6.63	6.60	0515	96
03/08/16	6.66	0000	6.62	6.60	1000	96
03/09/16	6.70	2345	6.64	6.61	1645	96
03/10/16	6.78	2115	6.74	6.70	0015	96
03/11/16	6.78	1415	6.77	6.76	1930	96
03/12/16	6.76	0015	6.71	6.65	0000	96
03/13/16	6.65	0015	6.63	6.60	0945	96
03/14/16	6.67	1630	6.64	6.60	1030	96
03/15/16	6.68	1715	6.66	6.64	0315	96
03/16/16	6.71	0000	6.68	6.65	0530	96
03/17/16	6.75	1815	6.71	6.68	0445	96
03/18/16	6.76	1745	6.74	6.71	0015	96
03/19/16	6.75	2100	6.73	6.71	0830	96
03/20/16	6.72	0030	6.71	6.68	0400	96
03/21/16	6.72	1430	6.69	6.62	2300	96
03/22/16	6.73	1415	6.69	6.66	0500	96
03/23/16	6.74	1515	6.70	6.59	0245	96
03/24/16	6.75	1815	6.73	6.71	0800	96
03/25/16	6.76	0530	6.74	6.72	0930	96
03/26/16	6.77	1815	6.76	6.74	0100	96
03/27/16	6.78	1630	6.75	6.64	1130	96
03/28/16	6.78	1615	6.76	6.72	0000	96
03/29/16	6.79	1630	6.72	6.63	0345	96
03/30/16	6.76	0815	6.68	6.49	1045	88
03/31/16	6.66	1245	6.65	6.63	1015	96
AVERAGE	6.71		6.68	6.64		
STD DEV.:	0.06		0.06	0.06		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR April 2016

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
04/01/16	6.66	1630	6.64	6.49	0915	96
04/02/16	6.65	0115	6.63	6.62	1000	96
04/03/16	6.66	1730	6.64	6.61	0215	96
04/04/16	6.66	1615	6.65	6.63	0215	96
04/05/16	6.65	0130	6.63	6.61	2215	96
04/06/16	6.62	1700	6.61	6.59	0900	96
04/07/16	6.63	2145	6.61	6.59	0845	96
04/08/16	6.65	0000	6.63	6.61	0545	96
04/09/16	6.66	0715	6.66	6.65	1230	96
04/10/16	6.67	1530	6.66	6.64	2345	96
04/11/16	6.64	0015	6.61	6.60	2230	96
04/12/16	6.63	1945	6.60	6.57	0915	96
04/13/16	6.66	1700	6.64	6.62	0015	96
04/14/16	6.68	2330	6.66	6.65	0615	96
04/15/16	6.70	1245	6.68	6.67	2345	96
04/16/16	6.69	1400	6.67	6.66	2030	96
04/17/16	6.70	1315	6.68	6.66	0015	96
04/18/16	6.71	1200	6.70	6.68	0030	96
04/19/16	6.74	2015	6.72	6.70	0030	96
04/20/16	6.77	1330	6.75	6.73	0015	96
04/21/16	6.77	1415	6.75	6.73	0000	96
04/22/16	6.75	1730	6.73	6.72	0000	96
04/23/16	6.76	1630	6.74	6.71	0545	96
04/24/16	6.80	1345	6.77	6.74	0115	96
04/25/16	6.80	1345	6.77	6.74	2315	96
04/26/16	6.76	1345	6.75	6.74	0530	96
04/27/16	6.79	1830	6.76	6.73	0315	96
04/28/16	6.82	1345	6.79	6.76	0215	96
04/29/16	6.82	1545	6.79	6.76	0230	96
04/30/16	6.82	1330	6.78	6.75	0145	96
AVERAGE	6.71		6.69	6.66		
STD DEV.:	0.07		0.06	0.07		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR May 2016

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
05/01/16	6.81	1945	6.75	6.51	0000	96
05/02/16	6.82	0645	6.65	6.41	0345	96
05/03/16	6.74	1700	6.72	6.69	0045	96
05/04/16	6.81	0945	6.76	6.73	0015	96
05/05/16	6.77	1445	6.75	6.73	0115	96
05/06/16	6.77	1430	6.75	6.73	2300	96
05/07/16	6.74	0100	6.72	6.69	2315	96
05/08/16	6.75	2000	6.71	6.69	0645	96
05/09/16	6.78	1615	6.75	6.71	0500	96
05/10/16	6.81	1415	6.77	6.74	2315	96
05/11/16	6.80	1545	6.76	6.74	0245	96
05/12/16	6.81	1545	6.76	6.72	0445	96
05/13/16	6.81	1300	6.75	6.71	0630	96
05/14/16	6.76	1530	6.73	6.69	0630	96
05/15/16	6.86	1600	6.79	6.72	0045	96
05/16/16	6.88	1545	6.83	6.78	0300	96
05/17/16	6.89	1415	6.84	6.80	0000	96
05/18/16	6.85	1545	6.81	6.78	0000	96
05/19/16	6.85	1245	6.80	6.75	0000	96
05/20/16	6.82	1515	6.77	6.73	0000	96
05/21/16	6.81	1500	6.76	6.72	0145	96
05/22/16	6.92	2330	6.79	6.73	0345	96
05/23/16	7.02	0830	6.85	6.68	0615	96
05/24/16	6.79	1445	6.76	6.73	2345	96
05/25/16	6.83	1200	6.73	6.64	1300	96
05/26/16	6.72	2115	6.67	6.62	0345	96
05/27/16	6.87	1715	6.73	6.64	0615	96
05/28/16	6.92	1645	6.74	6.63	0700	96
05/29/16	6.84	1645	6.73	6.61	0630	96
05/30/16	6.89	1745	6.75	6.64	0800	96
05/31/16	6.96	1745	6.77	6.64	0545	96
AVERAGE	6.83		6.76	6.69		
STD DEV.:	0.07		0.04	0.08		

Station N-10  
Temperature





PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR June 2015

STATION: N10

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
06/01/15	21.29	0015	19.75	17.80	0000	96
06/02/15	17.75	0015	17.24	16.88	1030	96
06/03/15	17.17	0130	16.82	16.09	0000	96
06/04/15	16.07	0015	15.39	14.95	0000	96
06/05/15	15.94	1615	15.43	14.87	0545	96
06/06/15	16.65	1600	16.16	15.63	0545	96
06/07/15	17.94	1315	17.20	16.25	0145	96
06/08/15	17.90	1800	17.42	16.86	0345	96
06/09/15	18.32	1745	17.80	16.91	0615	96
06/10/15	19.87	1645	18.84	17.75	0500	96
06/11/15	20.43	1330	19.80	18.91	0200	96
06/12/15	20.96	1545	20.40	19.74	0200	96
06/13/15	21.83	1345	21.14	20.44	0500	96
06/14/15	22.82	1630	21.57	19.72	0415	96
06/15/15	21.65	0015	20.30	17.93	0000	96
06/16/15	18.42	0045	17.35	16.74	0000	96
06/17/15	20.74	1715	19.23	16.51	0745	96
06/18/15	21.67	1500	20.87	19.98	0245	96
06/19/15	21.89	1445	21.10	20.09	0945	96
06/20/15	22.62	1515	21.20	18.34	0815	96
06/21/15	21.63	0015	20.22	18.77	2345	96
06/22/15	22.06	1630	20.80	18.83	0045	96
06/23/15	22.20	1645	21.87	21.46	0000	96
06/24/15	22.33	1330	21.87	21.25	0315	96
06/25/15	21.72	0015	21.18	20.83	0000	96
06/26/15	22.27	1730	21.42	20.27	1115	96
06/27/15	21.85	0015	20.11	19.61	2045	96
06/28/15	19.73	0130	17.88	15.51	2345	96
06/29/15	19.26	1615	18.75	15.68	0030	96
06/30/15	19.74	2245	19.27	18.66	0615	96
AVERAGE	20.16		19.28	18.11		
STD DEV.:	2.11		1.97	1.96		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR July 2015

STATION: N10

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM		DAILY AVERAGE	MINIMUM		#of INT.
	(PARAM)	TIME		(PARAM)	TIME	
07/01/15	19.71	0015	19.17	18.68	2345	96
07/02/15	19.19	1500	18.81	18.37	0545	96
07/03/15	19.83	2115	19.19	18.57	0600	96
07/04/15	19.77	0015	19.20	18.84	0000	96
07/05/15	20.31	2230	19.48	18.60	0530	96
07/06/15	21.23	1730	20.67	20.10	0630	96
07/07/15	21.98	1615	21.60	21.21	0015	96
07/08/15	22.69	1630	22.20	21.71	0015	95
07/09/15	22.98	1445	22.48	22.13	0430	96
07/10/15	23.22	1530	22.59	22.03	0545	96
07/11/15	24.16	1615	23.12	22.04	0545	96
07/12/15	25.20	1645	23.97	22.78	0545	96
07/13/15	25.48	1715	24.67	23.85	0645	96
07/14/15	24.99	1900	24.57	24.13	0700	96
07/15/15	25.21	1615	24.57	24.09	0000	96
07/16/15	24.79	1645	24.12	23.48	0615	96
07/17/15	24.83	1630	24.16	23.60	0630	96
07/18/15	24.09	0015	23.80	23.66	1230	96
07/19/15	25.47	1745	24.40	23.51	0500	96
07/20/15	26.04	1615	25.22	24.37	0530	96
07/21/15	25.96	0015	25.21	24.38	2215	96
07/22/15	24.57	1245	24.28	23.57	0000	96
07/23/15	23.82	1345	23.40	22.99	0000	96
07/24/15	23.85	1645	23.10	22.58	0530	71
07/27/15	23.38	1815	22.75	22.37	1245	56
07/28/15	24.95	1730	23.51	21.41	0845	92
07/29/15	26.14	1915	25.16	24.27	0530	96
07/30/15	26.81	1700	26.06	25.30	0630	96
07/31/15	26.31	1445	25.88	25.37	0630	96
AVERAGE	23.69		23.01	22.34		
STD DEV.:	2.23		2.16	2.11		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR August 2015

STATION: N10

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
08/01/15	25.83	1745	25.46	25.09	0945	96
08/02/15	25.91	1700	25.35	24.81	0830	96
08/03/15	26.01	1745	25.29	24.70	0645	96
08/04/15	25.79	1630	25.37	25.05	0000	96
08/05/15	25.89	1500	25.25	24.64	0500	96
08/06/15	24.97	0015	24.61	24.16	0000	96
08/07/15	24.58	1715	24.06	23.63	0000	96
08/08/15	24.66	1630	23.83	23.04	0600	96
08/09/15	24.49	1700	23.86	23.21	0600	96
08/10/15	25.08	1715	24.13	23.13	0600	96
08/11/15	24.42	0015	23.76	23.47	1215	96
08/12/15	24.80	1700	23.95	23.22	0600	96
08/13/15	24.70	1600	24.03	23.32	0630	96
08/14/15	25.21	1645	24.23	23.28	0830	96
08/15/15	24.99	1700	24.43	23.86	0815	96
08/16/15	25.93	1800	25.08	24.43	0645	96
08/17/15	26.43	1745	25.66	25.05	0500	96
08/18/15	26.96	1715	26.12	25.32	0530	96
08/19/15	27.12	1715	26.39	25.83	0600	96
08/20/15	26.92	1615	26.31	25.73	0600	96
08/21/15	26.50	1530	26.18	25.86	2345	96
08/22/15	26.36	1700	25.78	25.26	0700	96
08/23/15	25.50	0015	25.07	24.83	0745	96
08/24/15	25.83	1745	25.13	24.52	0615	96
08/25/15	25.29	0015	24.79	24.30	0000	96
08/26/15	25.05	1600	24.45	24.06	0500	96
08/27/15	24.69	1630	24.22	23.70	0700	96
08/28/15	24.62	1615	23.97	23.30	0630	96
08/29/15	24.21	1700	23.59	22.90	0730	96
08/30/15	24.35	1630	23.82	23.33	0800	96
08/31/15	24.72	1630	24.10	23.59	0645	96
AVERAGE	25.41		24.78	24.21		
STD DEV.:	0.84		0.85	0.91		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR September 2015

STATION: N10

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
09/01/15	24.88	1745	24.27	23.78	0700	96
09/02/15	25.33	1730	24.51	23.80	0600	96
09/03/15	25.71	1715	24.88	24.06	0615	96
09/04/15	25.59	1600	24.92	24.45	0745	96
09/05/15	25.79	1700	24.66	23.81	0745	96
09/06/15	25.80	1700	24.69	23.87	0730	96
09/07/15	25.57	1715	24.79	24.02	0800	96
09/08/15	25.39	1815	24.91	24.36	0715	96
09/09/15	26.10	1915	25.31	24.59	0630	96
09/10/15	25.76	0015	25.38	24.72	0000	96
09/11/15	24.87	1600	24.41	24.03	0600	96
09/12/15	24.17	1615	23.68	23.28	0000	96
09/13/15	23.26	0015	22.67	22.10	0000	96
09/14/15	22.11	0100	21.85	21.40	0000	96
09/15/15	21.66	1730	21.29	20.87	0730	96
09/16/15	22.48	1645	21.63	20.76	0700	96
09/17/15	23.13	1730	22.32	21.57	0730	96
09/18/15	23.61	1615	22.83	22.31	0730	96
09/19/15	23.16	1600	22.74	22.35	0415	96
09/20/15	22.68	0015	22.18	21.45	0000	96
09/21/15	21.68	1700	21.29	20.84	0715	96
09/22/15	20.95	0015	20.44	20.14	0800	96
09/23/15	20.48	1645	19.87	19.26	0815	96
09/24/15	20.31	1630	19.65	19.01	0745	96
09/25/15	19.62	0015	19.21	18.71	0745	96
09/26/15	19.37	1615	18.95	18.40	0745	96
09/27/15	19.02	1645	18.51	17.93	0800	96
09/28/15	18.74	1830	18.21	17.60	0730	96
09/29/15	18.80	2130	18.40	18.06	0830	96
09/30/15	19.06	1915	18.76	18.54	1030	96
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AVERAGE	22.84		22.24	21.67		
STD DEV.:	2.54		2.43	2.36		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR October 2015

STATION: N10

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
10/01/15	18.55	0015	17.40	16.84	0000	96
10/02/15	16.83	0015	16.03	15.36	0000	96
10/03/15	15.34	0015	14.89	14.59	0000	96
10/04/15	14.58	0015	14.35	14.12	0730	96
10/05/15	14.32	0015	13.90	13.71	0915	96
10/06/15	14.10	1600	13.82	13.48	0730	96
10/07/15	14.43	1545	14.16	13.94	0015	96
10/08/15	14.54	1545	14.27	14.02	0415	96
10/09/15	14.12	0015	13.90	13.71	0630	96
10/10/15	13.70	0015	13.26	12.93	0000	96
10/11/15	13.09	1530	12.83	12.52	0645	96
10/12/15	13.48	1615	13.08	12.76	0300	96
10/13/15	13.43	1545	13.16	12.78	0430	96
10/14/15	13.43	1330	13.16	12.82	0000	96
10/15/15	13.21	1615	12.78	12.33	0715	96
10/16/15	12.72	0015	12.42	12.11	0815	96
10/17/15	12.26	0015	11.85	11.40	0000	96
10/18/15	11.37	0015	10.55	9.73	0000	96
10/19/15	9.75	1800	9.52	9.34	0730	96
10/20/15	9.72	1900	9.40	9.20	1015	96
10/21/15	10.26	1615	9.83	9.41	0130	96
10/22/15	11.16	1915	10.56	10.03	0045	96
10/23/15	10.92	0015	10.64	10.25	0000	96
10/24/15	10.24	0015	9.95	9.71	0745	96
10/25/15	9.93	1800	9.71	9.30	2345	96
10/26/15	9.29	0015	8.93	8.55	0000	96
10/27/15	9.07	1645	8.59	8.21	0800	96
10/28/15	8.61	1245	8.51	8.45	0645	96
10/29/15	9.32	2045	9.00	8.54	0015	96
10/30/15	9.33	0215	9.06	8.81	0000	96
10/31/15	8.87	1400	8.67	8.54	0700	96
AVERAGE	12.26		11.88	11.53		
STD DEV.:	2.55		2.46	2.43		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR November 2015

STATION: N10

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
11/01/15	8.61	0015	8.45	8.33	0900	96
11/02/15	8.59	1545	8.41	8.21	0815	96
11/03/15	8.89	1600	8.85	8.40	0800	96
11/04/15	9.22	1545	9.01	8.80	0015	96
11/05/15	9.41	1615	9.23	8.98	0130	96
11/06/15	10.02	2200	9.63	9.25	0215	96
11/07/15	10.33	1315	10.10	9.91	0430	96
11/08/15	10.01	0015	9.64	9.14	0000	96
11/09/15	9.12	0015	8.86	8.57	0000	96
11/10/15	8.55	0015	8.21	7.94	1000	96
11/11/15	8.18	2015	8.04	7.89	0930	96
11/12/15	8.39	1330	8.29	8.18	0015	96
11/13/15	8.41	1445	8.22	8.06	0830	96
11/14/15	8.10	0015	7.80	7.29	0000	96
11/15/15	7.28	0015	7.06	6.89	0000	96
11/16/15	7.10	1430	6.92	6.69	0000	96
11/17/15	6.68	0015	6.44	5.95	0000	96
11/18/15	5.92	0015	5.66	5.37	0000	96
11/19/15	5.76	0000	5.49	5.25	0415	96
11/20/15	6.60	1845	6.24	5.76	0015	96
11/21/15	6.53	0015	6.12	5.71	1145	48
11/22/15	5.42	2330	5.22	4.97	0845	61
11/23/15	5.42	0015	5.05	4.58	0000	96
11/24/15	4.58	0015	4.17	3.92	0000	96
11/25/15	3.94	0015	3.55	2.00	2145	96
11/26/15	3.19	1415	2.62	1.91	0145	96
11/27/15	4.92	1645	3.66	2.44	0045	96
11/28/15	5.51	1530	5.13	4.49	0015	96
11/29/15	4.67	0015	3.70	2.63	0000	96
11/30/15	3.45	1430	2.88	2.48	0645	96
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AVERAGE	7.09		6.75	6.33		
STD DEV.:	2.07		2.21	2.43		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR March 2016

STATION: N10

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
03/14/16	4.31	0845	4.16	4.06	2200	61
03/15/16	4.06	0015	3.75	3.46	0930	88
03/16/16	4.79	0000	4.15	3.57	0645	96
03/17/16	5.74	1400	5.18	3.48	1215	96
03/18/16	5.58	0100	5.51	5.39	0000	96
03/19/16	5.50	2000	5.29	4.93	0700	96
03/20/16	5.27	0015	4.89	4.69	0645	96
03/21/16	4.88	1430	4.49	4.25	0600	96
03/22/16	4.58	1500	4.28	3.75	0630	96
03/23/16	5.42	1415	4.75	4.29	0645	96
03/24/16	4.83	1115	3.31	1.46	2015	96
03/25/16	4.33	1645	3.12	0.81	0515	96
03/26/16	5.19	0000	4.60	4.06	0730	96
03/27/16	5.20	0030	5.02	4.79	0945	96
03/28/16	5.10	0015	4.96	4.86	0900	96
03/29/16	5.04	2145	4.81	4.54	0745	96
03/30/16	5.66	2330	5.01	4.29	0700	96
03/31/16	6.85	0000	6.08	5.49	0615	96
AVERAGE	5.13		4.63	4.01		
STD DEV.:	0.65		0.75	1.21		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR April 2016

STATION: N10

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
04/01/16	8.48	2345	7.65	6.87	0015	96
04/02/16	8.49	0015	8.03	7.62	0000	96
04/03/16	7.60	0015	6.96	6.53	0000	96
04/04/16	6.52	0015	5.96	5.35	0000	96
04/05/16	5.37	1545	5.10	4.77	0645	96
04/06/16	5.02	0015	4.69	4.41	0730	96
04/07/16	5.27	0000	4.85	4.55	0700	96
04/08/16	5.49	1045	5.32	5.22	1915	96
04/09/16	5.24	0015	4.82	4.32	0830	96
04/10/16	5.43	0000	4.92	4.45	0730	96
04/11/16	5.45	0045	5.32	5.13	0000	96
04/12/16	5.82	1845	5.41	5.08	0545	96
04/13/16	7.12	1230	5.96	5.35	0700	96
04/14/16	7.11	2300	6.62	6.19	0700	96
04/15/16	7.74	2300	7.26	6.77	0645	96
04/16/16	8.52	1645	8.00	7.34	0645	96
04/17/16	9.69	2330	8.84	7.99	0700	96
04/18/16	10.11	0000	9.71	9.21	0730	96
04/19/16	10.34	0000	10.01	9.68	0730	96
04/20/16	10.67	0000	10.26	9.73	0815	96
04/21/16	11.42	0000	10.86	10.25	0715	96
04/22/16	12.19	2115	11.85	11.45	0015	96
04/23/16	13.01	1630	12.61	12.20	0015	96
04/24/16	12.80	1400	12.51	11.95	0000	96
04/25/16	12.40	1415	12.03	11.67	0645	96
04/26/16	12.11	0330	11.50	10.64	0000	96
04/27/16	11.30	1645	10.72	10.01	0630	96
04/28/16	12.03	1700	11.43	10.90	0600	96
04/29/16	12.09	1600	11.71	11.40	0730	96
04/30/16	12.83	1615	12.19	11.62	0345	96
AVERAGE	8.92		6.44	7.95		
STD DEV.:	2.85		2.83	2.78		



PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR May 2016

STATION: N10

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
05/01/16	12.26	0900	12.04	11.56	0000	96
05/02/16	11.54	0015	10.95	10.65	2345	96
05/03/16	10.77	1800	10.61	10.44	0645	96
05/04/16	10.65	0015	10.27	10.02	2345	96
05/05/16	10.14	1345	10.02	9.79	0000	96
05/06/16	11.04	0000	10.30	9.62	0530	96
05/07/16	11.13	0230	11.06	10.88	0000	96
05/08/16	11.39	1545	11.08	10.82	0500	96
05/09/16	11.93	1530	11.48	11.16	0615	96
05/10/16	12.45	1600	11.97	11.41	0645	96
05/11/16	13.89	1715	13.19	12.42	0015	96
05/12/16	15.15	1630	14.44	13.79	0015	96
05/13/16	15.37	1545	14.99	14.54	0115	96
05/14/16	16.08	1600	15.33	14.50	0630	96
05/15/16	15.94	0145	15.49	14.31	0000	96
05/16/16	14.28	0015	13.71	13.48	0000	96
05/17/16	13.92	2145	13.51	13.05	0700	96
05/18/16	15.14	1800	14.44	13.67	0645	96
05/19/16	15.37	1500	15.02	14.82	0800	96
05/20/16	15.88	1445	15.22	14.73	0530	96
05/21/16	16.22	1445	15.64	15.06	0145	96
05/22/16	16.09	1700	15.76	15.51	0630	96
05/23/16	17.36	1645	16.51	15.57	0500	96
05/24/16	17.55	1730	17.26	16.92	1000	96
05/25/16	18.54	1615	17.84	17.15	0700	96
05/26/16	20.57	1730	19.41	18.27	0015	96
05/27/16	21.32	1545	20.45	19.70	0530	96
05/28/16	22.69	1615	21.41	20.15	0515	96
05/29/16	22.06	1515	21.72	21.19	0000	96
05/30/16	21.61	1715	20.96	20.33	0900	96
05/31/16	22.45	1745	21.50	20.59	0600	96
AVERAGE	15.51		14.95	14.39		
STD DEV.:	3.85		3.67	3.49		



Station S-4  
Temperature



PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR June 2015

STATION: S4

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
06/01/15	20.83	0030	19.93	18.05	0000	96
06/02/15	17.99	0015	17.17	16.71	2245	96
06/03/15	17.49	1345	17.03	16.37	0000	96
06/04/15	16.36	0015	15.92	15.45	2345	96
06/05/15	16.77	1715	16.07	15.32	0530	96
06/06/15	17.37	1600	16.78	16.26	0600	96
06/07/15	18.58	1515	17.47	16.34	0445	96
06/08/15	18.36	1700	17.63	16.82	0530	96
06/09/15	18.65	1745	18.08	17.62	0645	96
06/10/15	20.33	1845	19.14	18.08	0500	96
06/11/15	21.18	1500	20.28	19.27	0500	96
06/12/15	21.37	1630	20.69	19.85	0545	96
06/13/15	22.25	1615	21.44	20.70	0530	96
06/14/15	22.76	1630	21.75	20.84	0600	96
06/15/15	22.11	0015	21.07	20.49	0000	96
06/16/15	20.47	0015	20.06	19.61	0000	96
06/17/15	20.88	1615	19.98	19.00	0600	96
06/18/15	21.91	1530	20.90	19.91	0515	96
06/19/15	22.25	1600	21.36	20.66	0645	96
06/20/15	22.80	1545	21.77	20.73	0545	96
06/21/15	21.89	0015	21.51	21.16	1045	96
06/22/15	22.48	1500	21.75	20.93	0530	96
06/23/15	22.72	1630	22.13	21.66	0430	96
06/24/15	22.93	1500	22.08	21.29	0500	96
06/25/15	21.94	0015	21.57	21.16	0600	96
06/26/15	22.53	1600	21.52	20.62	0645	96
06/27/15	21.69	0015	20.54	19.66	2315	96
06/28/15	19.68	0045	19.23	18.59	0000	96
06/29/15	19.41	1715	18.96	18.41	0515	96
06/30/15	19.93	1400	19.48	18.94	0545	96
AVERAGE	20.53		19.78	19.02		
STD DEV.:	2.01		1.93	1.92		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR July 2015

STATION: S4

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
07/01/15	19.78	0145	19.39	18.79	0000	96
07/02/15	19.51	1545	18.98	18.43	0515	96
07/03/15	19.86	1915	19.36	18.69	0615	96
07/04/15	19.85	0015	19.39	19.01	0000	93
07/05/15	20.44	1745	19.67	18.71	0545	96
07/06/15	21.43	1530	20.88	20.17	0500	96
07/07/15	22.39	1300	21.82	21.18	0145	96
07/08/15	23.19	1300	22.32	21.74	0400	96
07/09/15	23.28	1530	22.49	21.89	0530	96
07/10/15	23.59	1545	22.72	21.92	0615	96
07/11/15	24.28	1645	23.18	22.01	0600	96
07/12/15	25.10	1915	24.01	22.89	0615	96
07/13/15	25.34	1630	24.70	24.08	0645	96
07/14/15	24.79	0015	24.51	24.22	0700	96
07/15/15	25.52	1630	24.74	24.07	0000	96
07/16/15	24.76	1645	24.00	23.34	0630	96
07/17/15	25.43	1330	24.29	23.45	0645	96
07/18/15	24.24	0015	23.81	23.47	0830	96
07/19/15	26.19	1615	24.66	23.46	0600	96
07/20/15	26.06	1215	25.21	24.53	0745	96
07/21/15	26.88	1430	25.75	24.89	0000	96
07/22/15	25.17	1345	24.67	23.87	0000	96
07/23/15	24.30	1530	23.65	23.07	0615	96
07/24/15	23.94	1715	23.22	22.57	0615	96
07/25/15	23.57	1645	23.05	22.58	0630	96
07/26/15	22.80	1745	22.50	22.18	0945	96
07/27/15	24.14	1600	23.15	22.61	0630	96
07/28/15	25.08	1900	23.99	22.98	0600	96
07/29/15	26.89	1715	25.29	24.27	0530	96
07/30/15	27.38	1300	26.66	25.70	0745	96
07/31/15	26.86	0015	26.23	25.64	0945	96
AVERAGE	23.94		23.17	22.46		
STD DEV.:	2.26		2.11	2.06		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR August 2015

STATION: S4

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
08/01/15	26.19	1630	25.56	25.16	0630	96
08/02/15	26.20	1630	25.46	24.86	0615	96
08/03/15	26.33	1600	25.49	24.72	0615	96
08/04/15	26.77	1230	25.65	24.99	0715	96
08/05/15	26.06	1600	25.28	24.62	0615	96
08/06/15	25.17	0015	24.76	24.30	0000	96
08/07/15	24.93	1545	24.21	23.59	0630	96
08/08/15	25.00	1600	24.01	23.17	0700	96
08/09/15	24.91	1445	24.06	23.53	1015	96
08/10/15	25.67	1515	24.37	23.41	0630	96
08/11/15	24.49	0015	23.82	23.48	1915	96
08/12/15	24.76	1645	24.00	23.33	0615	96
08/13/15	24.85	1630	24.14	23.39	0645	96
08/14/15	25.30	1615	24.32	23.28	0630	96
08/15/15	25.24	1430	24.59	24.08	0630	96
08/16/15	26.42	1615	25.21	24.31	0545	96
08/17/15	28.23	1815	26.51	25.04	0600	96
08/18/15	29.15	1645	27.58	26.15	0800	96
08/19/15	28.21	1415	27.12	25.99	0700	96
08/20/15	27.17	1515	26.53	25.96	0800	96
08/21/15	26.57	1415	26.19	25.90	0815	96
08/22/15	26.73	1500	25.92	25.42	0745	96
08/23/15	25.72	0015	25.29	24.97	0000	96
08/24/15	27.02	1530	25.58	24.66	0630	96
08/25/15	25.61	0015	24.92	24.37	2345	96
08/26/15	25.22	1630	24.53	24.01	0645	96
08/27/15	24.87	1545	24.23	23.62	0630	96
08/28/15	24.59	1615	24.01	23.42	0715	96
08/29/15	24.52	1415	23.78	23.22	0715	96
08/30/15	24.61	1645	23.97	23.41	0600	96
08/31/15	25.24	1430	24.24	23.55	0600	96
AVERAGE	25.86		25.01	24.32		
STD DEV.:	1.19		1.02	0.94		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR September 2015

STATION: S4

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
09/01/15	25.91	1545	24.54	23.72	0645	96
09/02/15	26.62	1630	24.90	23.85	0715	96
09/03/15	26.08	1415	25.15	24.49	0645	96
09/04/15	26.03	1545	25.19	24.54	0000	96
09/05/15	25.81	1845	24.74	23.97	0700	96
09/06/15	26.10	1545	24.94	24.06	0645	96
09/07/15	26.73	1645	25.31	24.34	0630	96
09/08/15	29.46	2145	26.39	24.77	0515	96
09/09/15	30.29	2200	28.95	27.54	1015	96
09/10/15	30.36	0245	28.83	27.34	2245	96
09/11/15	28.44	0015	24.76	23.92	0945	96
09/12/15	24.43	1730	23.85	23.43	0800	96
09/13/15	23.53	0015	22.73	22.01	0000	96
09/14/15	22.33	1530	21.91	21.51	0000	96
09/15/15	22.02	1515	21.42	20.87	0645	96
09/16/15	22.44	1615	21.66	20.80	0700	96
09/17/15	23.73	1415	22.50	21.69	0715	96
09/18/15	24.77	1515	23.21	22.38	0730	96
09/19/15	23.66	1445	22.90	22.23	0800	96
09/20/15	22.84	1400	22.35	21.40	2315	96
09/21/15	21.59	1715	21.16	20.63	0730	96
09/22/15	21.04	0015	20.54	20.09	2345	96
09/23/15	20.95	1600	20.09	19.63	0845	96
09/24/15	20.86	1500	19.96	19.50	0700	96
09/25/15	19.78	0030	19.41	18.79	0000	96
09/26/15	19.90	1430	18.97	18.49	0000	96
09/27/15	19.74	1445	18.73	18.12	0815	96
09/28/15	19.27	1345	18.59	18.00	0630	96
09/29/15	19.52	1715	18.94	18.47	0400	96
09/30/15	19.05	0015	18.81	18.47	0000	96
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AVERAGE	23.78		22.71	21.97		
STD DEV.:	3.36		2.90	2.66		



PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR October 2015

STATION: S4

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
10/01/15	18.46	0015	17.42	16.87	0000	96
10/02/15	16.85	0015	16.06	15.41	2345	96
10/03/15	15.38	0015	14.92	14.57	0000	96
10/04/15	14.57	0015	14.34	14.14	0700	96
10/05/15	14.17	0015	13.93	13.63	2345	96
10/06/15	14.36	1315	13.85	13.44	0700	96
10/07/15	14.86	1330	14.23	13.75	0615	96
10/08/15	14.97	1315	14.31	13.83	0700	96
10/09/15	14.12	0015	13.88	13.64	1045	96
10/10/15	13.82	0015	13.33	12.90	0000	96
10/11/15	13.37	1315	12.91	12.41	0715	96
10/12/15	14.12	1415	13.34	12.65	0700	96
10/13/15	14.17	1530	13.57	13.13	0715	96
10/14/15	14.08	1330	13.55	13.02	0000	96
10/15/15	13.43	1415	12.91	12.40	0745	96
10/16/15	12.96	1330	12.56	12.29	0000	96
10/17/15	12.41	1145	11.98	11.36	0000	96
10/18/15	11.33	0015	10.85	10.05	0000	96
10/19/15	11.93	1700	10.39	9.44	0630	96
10/20/15	13.67	1530	11.14	9.66	1115	96
10/21/15	11.75	0600	10.54	9.71	0930	96
10/22/15	11.00	1345	10.58	10.24	0615	96
10/23/15	11.09	1430	10.65	10.01	2130	96
10/24/15	10.03	0030	9.85	9.65	0800	96
10/25/15	10.19	1345	9.86	9.68	0845	96
10/26/15	9.72	0015	9.24	8.85	2230	96
10/27/15	8.98	1600	8.68	8.26	0745	96
10/28/15	11.22	1700	9.45	8.55	0700	96
10/29/15	10.55	0200	9.47	8.91	0115	96
10/30/15	9.44	0015	9.13	8.86	0000	96
10/31/15	9.16	1600	8.86	8.56	0415	96
AVERAGE	12.78		12.12	11.61		
STD DEV.:	2.32		2.31	2.35		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR November 2015

STATION: S4

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
11/01/15	9.24	0315	9.15	9.03	0930	96
11/02/15	9.05	0015	8.80	8.39	0000	96
11/03/15	9.03	1200	8.75	8.41	0500	96
11/04/15	9.46	1315	9.06	8.71	0415	96
11/05/15	9.75	1430	9.27	8.80	0645	96
11/06/15	10.17	1430	9.73	9.27	0700	96
11/07/15	10.39	1515	10.13	9.86	0645	96
11/08/15	10.22	1315	9.70	9.15	0000	96
11/09/15	9.46	1400	8.90	8.54	0745	96
11/10/15	8.59	0015	8.23	8.02	1015	96
11/11/15	8.26	0015	8.10	7.98	0845	96
11/12/15	8.68	0000	8.38	8.17	0330	96
11/13/15	9.08	1300	8.77	8.57	0000	96
11/14/15	8.55	0030	7.98	7.31	0000	96
11/15/15	7.38	0030	7.12	6.90	0800	96
11/16/15	7.35	1300	6.92	6.70	2345	96
11/17/15	6.80	1300	6.42	6.02	2345	96
11/18/15	5.99	0030	5.66	5.38	0800	93
11/19/15	5.76	2200	5.52	5.27	0730	96
11/20/15	6.53	1315	6.20	5.31	0945	88
11/21/15	6.32	1215	5.95	5.62	0845	62
11/22/15	5.71	0015	5.35	5.15	0945	96
11/23/15	5.90	1145	5.13	4.24	0000	96
11/24/15	5.11	1245	4.25	3.72	0000	96
11/25/15	4.93	1245	3.80	3.19	0000	96
11/26/15	4.43	1230	3.63	3.19	0115	96
11/27/15	5.64	1300	4.45	3.47	0400	96
11/28/15	5.53	1500	4.98	4.48	0000	96
11/29/15	5.64	1245	4.27	3.23	0000	96
11/30/15	4.24	1315	3.47	2.76	0745	96
AVERAGE	7.44		6.93	6.49		
STD DEV.:	1.92		2.11	2.24		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR March 2016

STATION: S4

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
03/14/16	4.44	1015	4.22	4.09	2300	56
03/15/16	4.12	0930	3.56	3.12	1100	91
03/16/16	4.34	0000	3.71	3.10	0700	96
03/17/16	5.89	1530	5.17	4.19	0615	90
03/18/16	5.70	1330	5.58	5.45	0000	96
03/19/16	5.53	1430	5.33	4.98	0800	96
03/20/16	5.34	0015	4.99	4.78	0730	96
03/21/16	4.97	1445	4.60	4.33	0800	96
03/22/16	4.73	1430	4.40	3.91	0715	96
03/23/16	5.21	1645	4.85	4.46	0715	96
03/24/16	4.97	0100	4.79	4.64	0845	96
03/25/16	4.65	0015	4.42	4.25	0000	96
03/26/16	5.25	1430	4.71	4.13	0700	96
03/27/16	5.33	1430	5.10	4.91	1045	96
03/28/16	5.09	0345	5.02	4.95	0915	96
03/29/16	5.18	1415	4.88	4.63	0700	96
03/30/16	5.66	0000	5.08	4.40	0715	96
03/31/16	6.93	0000	6.25	5.58	0615	96
AVERAGE	5.18		4.82	4.44		
STD DEV.:	0.65		0.63	0.66		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM  
MONTHLY SUMMARY REPORT FOR April 2016

STATION: S4

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
04/01/16	8.58	2200	7.83	6.95	0015	96
04/02/16	8.57	0300	8.23	7.72	0000	96
04/03/16	7.71	0015	7.05	6.46	0000	96
04/04/16	6.45	0015	5.90	5.27	0000	96
04/05/16	5.74	1415	5.17	4.74	0645	96
04/06/16	5.31	1300	4.81	4.48	0700	96
04/07/16	5.45	1930	5.04	4.61	0045	96
04/08/16	5.95	1330	5.51	5.21	2215	96
04/09/16	5.23	0015	4.98	4.59	0800	96
04/10/16	5.40	1345	5.01	4.51	0645	96
04/11/16	5.60	1400	5.45	5.31	0000	96
04/12/16	5.83	1645	5.51	5.22	0600	96
04/13/16	7.53	1245	6.02	5.46	0615	96
04/14/16	7.05	0000	6.66	6.21	0630	96
04/15/16	7.70	1500	7.30	6.80	0645	96
04/16/16	8.67	1415	8.05	7.37	0645	96
04/17/16	9.53	2215	8.87	8.08	0630	96
04/18/16	10.08	1515	9.72	9.30	0700	96
04/19/16	10.31	1530	10.04	9.83	0730	96
04/20/16	10.61	1545	10.28	9.91	0730	96
04/21/16	11.41	1515	10.83	10.29	0715	96
04/22/16	12.20	1530	11.76	11.12	0015	96
04/23/16	13.24	1500	12.56	12.04	0115	96
04/24/16	13.08	1445	12.48	11.88	0000	96
04/25/16	12.61	1315	12.02	11.52	0615	96
04/26/16	11.98	0015	11.53	10.64	0000	96
04/27/16	11.38	1515	10.74	10.04	0630	96
04/28/16	12.19	1500	11.39	10.64	0245	96
04/29/16	12.36	1330	11.74	11.29	0445	96
04/30/16	13.14	1500	12.27	11.44	0545	96
AVERAGE	9.03		6.49	7.96		
STD DEV.:	2.64		2.78	2.70		

PUBLIC SERVICE OF NEW HAMPSHIRE  
MERRIMACK GENERATING STATION  
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR May 2016

STATION: S4

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
05/01/16	12.35	1315	12.07	11.66	2345	96
05/02/16	11.65	0015	11.05	10.54	2315	96
05/03/16	10.66	2215	10.50	10.32	0700	96
05/04/16	10.62	0015	10.25	9.95	2315	96
05/05/16	10.09	1245	9.93	9.78	0000	96
05/06/16	10.89	1615	10.27	9.55	0615	96
05/07/16	11.09	1500	11.01	10.85	0015	96
05/08/16	11.57	1600	11.04	10.75	0400	96
05/09/16	12.05	1445	11.49	11.02	0430	96
05/10/16	12.74	1530	12.06	11.44	0530	96
05/11/16	14.03	1615	13.23	12.25	0015	96
05/12/16	15.50	1515	14.56	13.62	0245	96
05/13/16	15.58	1615	15.06	14.38	0500	96
05/14/16	16.22	1545	15.49	14.64	0530	96
05/15/16	15.96	1500	15.55	14.44	0000	96
05/16/16	14.39	0015	13.70	13.28	2130	96
05/17/16	13.86	1500	13.51	13.08	0645	96
05/18/16	15.28	1715	14.46	13.72	0630	96
05/19/16	15.54	1345	15.05	14.78	0230	96
05/20/16	16.30	1545	15.38	14.57	0530	96
05/21/16	16.50	1500	15.70	14.88	0500	96
05/22/16	16.24	1730	15.76	15.36	0400	96
05/23/16	17.34	1515	16.51	15.50	0545	96
05/24/16	17.55	1645	17.26	17.00	0130	96
05/25/16	18.92	1500	17.94	17.10	0500	96
05/26/16	20.53	1945	19.32	18.10	0115	96
05/27/16	21.68	1645	20.54	19.57	0500	96
05/28/16	22.91	1700	21.52	20.15	0615	96
05/29/16	22.10	0015	21.64	21.21	0000	96
05/30/16	21.65	1800	21.03	20.32	1015	96
05/31/16	22.45	1645	21.53	20.80	0530	96
AVERAGE	15.62		14.98	14.34		
STD DEV.:	3.89		3.69	3.52		

