

December 19, 2017

D34053

Mr. Eugene J. Forbes, P.E., Director
NH Department of Environmental Services
Water Division
29 Hazen Drive, P.O. Box 95
Concord, NH 03301

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
2016 – 2017 Annual Report

In accordance with sections 6(a) and 7 of the referenced NPDES permit, Public Service Company 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, 2016, through May 31, 2017.

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

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

Very truly yours,

EVERSOURCE ENERGY



Elizabeth H. Tillotson
Manager – Regulatory and Environmental
NH Generation

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DEPARTMENT OF
ENVIRONMENTAL SERVICES

Enclosures

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

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

Monthly Data

Merrimack Station biological monitoring data is organized in the following chronological sequence, June 2016 through May 2017. 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

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PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR June 2016

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 06/01/16 | 10.56 | 0915 | 8.32 | 6.69 | 0315 | 96 |
| 06/02/16 | 8.75 | 1600 | 7.18 | 5.56 | 2315 | 96 |
| 06/03/16 | 9.11 | 1700 | 6.92 | 5.30 | 0045 | 96 |
| 06/04/16 | 9.36 | 1930 | 7.60 | 5.65 | 0715 | 96 |
| 06/05/16 | 8.23 | 2045 | 7.34 | 6.37 | 2345 | 96 |
| 06/06/16 | 9.84 | 1445 | 8.26 | 5.83 | 0200 | 96 |
| 06/07/16 | 9.84 | 1915 | 8.53 | 7.00 | 0630 | 96 |
| 06/08/16 | 9.46 | 1600 | 8.62 | 7.52 | 1330 | 96 |
| 06/09/16 | 10.80 | 1700 | 9.30 | 7.23 | 0430 | 96 |
| 06/10/16 | 11.42 | 2015 | 10.57 | 9.48 | 0830 | 96 |
| 06/11/16 | 11.07 | 1430 | 10.25 | 9.10 | 0815 | 96 |
| 06/12/16 | 11.12 | 1730 | 9.78 | 7.77 | 0615 | 96 |
| 06/13/16 | 11.89 | 1400 | 10.25 | 8.66 | 1745 | 96 |
| 06/14/16 | 11.58 | 1245 | 10.40 | 8.38 | 0200 | 96 |
| 06/15/16 | 11.77 | 1115 | 10.46 | 8.91 | 0545 | 96 |
| 06/16/16 | 11.90 | 2030 | 10.42 | 8.28 | 0730 | 96 |
| 06/17/16 | 12.07 | 1915 | 10.35 | 7.60 | 0730 | 96 |
| 06/18/16 | 10.97 | 1615 | 9.37 | 7.07 | 0615 | 96 |
| 06/19/16 | 11.43 | 1715 | 9.46 | 6.79 | 0600 | 96 |
| 06/20/16 | 12.61 | 1230 | 9.61 | 7.32 | 0345 | 96 |
| 06/21/16 | 12.55 | 1545 | 9.72 | 7.38 | 0130 | 96 |
| 06/22/16 | 10.63 | 1400 | 8.59 | 6.89 | 1030 | 96 |
| 06/23/16 | 11.26 | 1630 | 8.80 | 6.67 | 0315 | 96 |
| 06/24/16 | 10.96 | 1745 | 8.86 | 7.05 | 0345 | 96 |
| 06/25/16 | 10.53 | 1715 | 8.82 | 6.98 | 0530 | 96 |
| 06/26/16 | 11.41 | 1645 | 9.35 | 7.02 | 0545 | 96 |
| 06/27/16 | 10.39 | 1115 | 8.83 | 7.61 | 0430 | 96 |
| 06/28/16 | 9.76 | 1315 | 8.20 | 7.38 | 0845 | 96 |
| 06/29/16 | 9.26 | 2045 | 8.23 | 6.93 | 0915 | 96 |
| 06/30/16 | 9.63 | 2030 | 8.23 | 6.54 | 0430 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 10.67 | | 9.02 | 7.23 | | |
| STD DEV.: | 1.14 | | 1.04 | 1.02 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR July 2016

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 07/01/16 | 9.60 | 1700 | 8.15 | 7.10 | 0515 | 96 |
| 07/02/16 | 9.36 | 1345 | 7.97 | 6.51 | 0600 | 96 |
| 07/03/16 | 9.29 | 1830 | 8.22 | 6.91 | 0300 | 96 |
| 07/04/16 | 9.55 | 2145 | 8.24 | 6.74 | 0730 | 96 |
| 07/05/16 | 10.44 | 1715 | 8.95 | 7.78 | 0545 | 96 |
| 07/06/16 | 9.36 | 1100 | 8.52 | 7.82 | 0415 | 96 |
| 07/07/16 | 8.64 | 0145 | 7.88 | 6.83 | 1615 | 96 |
| 07/08/16 | 8.10 | 2115 | 7.56 | 7.21 | 0115 | 96 |
| 07/09/16 | 7.62 | 0015 | 5.65 | 4.27 | 2145 | 96 |
| 07/10/16 | 5.27 | 0330 | 4.61 | 4.08 | 2315 | 72 |
| 07/11/16 | 6.85 | 1415 | 5.39 | 4.10 | 0145 | 96 |
| 07/12/16 | 7.55 | 1200 | 6.45 | 5.11 | 0500 | 96 |
| 07/13/16 | 7.93 | 1030 | 7.43 | 6.59 | 0500 | 96 |
| 07/14/16 | 7.79 | 1330 | 7.59 | 7.21 | 0600 | 96 |
| 07/15/16 | 7.77 | 1215 | 7.54 | 7.22 | 2045 | 96 |
| 07/16/16 | 7.52 | 0230 | 6.63 | 4.97 | 2145 | 96 |
| 07/17/16 | 7.54 | 1745 | 5.96 | 4.92 | 0800 | 96 |
| 07/18/16 | 8.36 | 1600 | 6.52 | 4.74 | 0730 | 96 |
| 07/19/16 | 9.56 | 1800 | 7.63 | 6.23 | 0615 | 96 |
| 07/20/16 | 10.10 | 1845 | 7.73 | 5.48 | 0300 | 96 |
| 07/21/16 | 9.90 | 0015 | 8.65 | 7.64 | 2215 | 96 |
| 07/22/16 | 8.01 | 0700 | 7.59 | 6.79 | 2200 | 96 |
| 07/23/16 | 9.65 | 1200 | 8.62 | 7.01 | 0200 | 96 |
| 07/24/16 | 8.39 | 1745 | 7.71 | 7.10 | 0730 | 96 |
| 07/25/16 | 7.66 | 1000 | 6.99 | 6.34 | 0545 | 96 |
| 07/26/16 | 7.34 | 1515 | 7.05 | 6.82 | 0345 | 96 |
| 07/27/16 | 7.65 | 1015 | 7.32 | 6.70 | 1945 | 96 |
| 07/28/16 | 7.56 | 0945 | 7.08 | 6.73 | 1630 | 96 |
| 07/29/16 | 8.63 | 1600 | 7.78 | 6.76 | 0030 | 96 |
| 07/30/16 | 6.83 | 0015 | 5.91 | 4.77 | 2130 | 96 |
| 07/31/16 | 5.61 | 1645 | 5.08 | 4.26 | 0600 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 8.24 | | 7.24 | 6.22 | | |
| STD DEV.: | 1.24 | | 1.10 | 1.17 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR August 2016

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 08/01/16 | 5.42 | 1630 | 4.99 | 4.50 | 1730 | 96 |
| 08/02/16 | 6.25 | 1500 | 5.28 | 4.38 | 0445 | 96 |
| 08/03/16 | 6.39 | 2100 | 5.49 | 4.50 | 0200 | 96 |
| 08/04/16 | 6.94 | 1800 | 5.96 | 4.83 | 0345 | 96 |
| 08/05/16 | 7.00 | 1845 | 6.16 | 5.51 | 0630 | 96 |
| 08/06/16 | 7.48 | 1830 | 6.14 | 5.10 | 0730 | 96 |
| 08/07/16 | 7.95 | 1530 | 6.56 | 5.15 | 0400 | 96 |
| 08/08/16 | 7.85 | 1715 | 6.34 | 4.88 | 0530 | 96 |
| 08/09/16 | 7.34 | 1245 | 6.39 | 5.59 | 0515 | 96 |
| 08/10/16 | 12.70 | 1415 | 8.64 | 5.59 | 0300 | 96 |
| 08/11/16 | 9.48 | 0930 | 7.29 | 6.15 | 2330 | 96 |
| 08/12/16 | 7.01 | 1000 | 6.51 | 6.14 | 2330 | 96 |
| 08/13/16 | 7.16 | 1345 | 6.70 | 6.21 | 0100 | 96 |
| 08/14/16 | 7.01 | 1045 | 6.64 | 6.12 | 2200 | 96 |
| 08/15/16 | 7.84 | 1645 | 7.27 | 6.37 | 0015 | 96 |
| 08/16/16 | 7.86 | 0845 | 7.06 | 6.60 | 0445 | 96 |
| 08/17/16 | 7.60 | 1245 | 7.16 | 6.84 | 0015 | 91 |
| 08/18/16 | 7.50 | 1130 | 7.20 | 6.84 | 2115 | 96 |
| 08/19/16 | 8.54 | 1000 | 7.72 | 4.80 | 0000 | 96 |
| 08/20/16 | 5.88 | 1900 | 5.10 | 4.28 | 0800 | 96 |
| 08/21/16 | 6.40 | 1715 | 5.32 | 4.51 | 0715 | 96 |
| 08/22/16 | 8.18 | 1800 | 6.32 | 4.74 | 0600 | 96 |
| 08/23/16 | 7.22 | 1315 | 6.14 | 4.82 | 0715 | 96 |
| 08/24/16 | 7.99 | 2015 | 6.43 | 4.64 | 0215 | 96 |
| 08/25/16 | 7.81 | 1400 | 6.29 | 5.08 | 0945 | 96 |
| 08/26/16 | 7.73 | 1715 | 6.49 | 5.13 | 0400 | 96 |
| 08/27/16 | 7.96 | 1815 | 6.82 | 5.70 | 0800 | 96 |
| 08/28/16 | 7.81 | 1445 | 6.39 | 5.21 | 0600 | 96 |
| 08/29/16 | 7.95 | 1515 | 6.50 | 4.47 | 0300 | 96 |
| 08/30/16 | 7.75 | 1345 | 6.24 | 5.32 | 0700 | 96 |
| 08/31/16 | 7.42 | 1600 | 6.30 | 5.45 | 0600 | 96 |
| AVERAGE | 7.59 | | 6.45 | 5.34 | | |
| STD DEV.: | 1.24 | | 0.77 | 0.76 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR September 2016

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 09/01/16 | 7.39 | 1500 | 6.20 | 5.14 | 0515 | 96 |
| 09/02/16 | 7.63 | 1245 | 6.43 | 5.57 | 0430 | 96 |
| 09/03/16 | 6.94 | 1830 | 6.21 | 5.60 | 0645 | 96 |
| 09/04/16 | 7.02 | 1730 | 6.24 | 5.55 | 0615 | 96 |
| 09/05/16 | 7.21 | 1500 | 6.14 | 4.21 | 0415 | 96 |
| 09/06/16 | 6.98 | 1600 | 6.23 | 5.71 | 0700 | 96 |
| 09/07/16 | 9.96 | 1730 | 7.65 | 5.45 | 0945 | 96 |
| 09/08/16 | 11.75 | 1730 | 9.46 | 7.79 | 0645 | 96 |
| 09/09/16 | 12.01 | 1115 | 10.37 | 8.81 | 2215 | 96 |
| 09/10/16 | 11.02 | 1000 | 10.60 | 9.26 | 2315 | 96 |
| 09/11/16 | 11.22 | 1515 | 9.80 | 8.66 | 0000 | 96 |
| 09/12/16 | 9.58 | 1315 | 8.56 | 7.45 | 0945 | 96 |
| 09/13/16 | 10.73 | 1045 | 8.73 | 7.10 | 0730 | 96 |
| 09/14/16 | 11.32 | 1615 | 8.90 | 7.81 | 0115 | 96 |
| 09/15/16 | 11.91 | 1315 | 10.03 | 7.88 | 0430 | 96 |
| 09/16/16 | 11.02 | 1000 | 9.87 | 8.31 | 0645 | 96 |
| 09/17/16 | 10.60 | 1545 | 9.72 | 8.82 | 0600 | 96 |
| 09/18/16 | 9.81 | 1200 | 9.30 | 8.86 | 1800 | 96 |
| 09/19/16 | 11.13 | 1230 | 9.68 | 8.69 | 0230 | 96 |
| 09/20/16 | 10.85 | 2345 | 9.79 | 9.13 | 2315 | 96 |
| 09/21/16 | 10.57 | 0030 | 9.57 | 8.36 | 0700 | 96 |
| 09/22/16 | 10.17 | 1230 | 9.32 | 8.62 | 0630 | 96 |
| 09/23/16 | 10.71 | 1500 | 9.14 | 8.25 | 0900 | 96 |
| 09/24/16 | 11.47 | 1330 | 9.59 | 8.20 | 0345 | 96 |
| 09/25/16 | 12.00 | 1445 | 10.25 | 8.52 | 0345 | 96 |
| 09/26/16 | 11.45 | 1330 | 9.81 | 8.69 | 2330 | 96 |
| 09/27/16 | 10.41 | 1430 | 9.27 | 8.04 | 0800 | 96 |
| 09/28/16 | 10.34 | 1030 | 8.75 | 7.71 | 1900 | 96 |
| 09/29/16 | 11.04 | 1545 | 9.38 | 7.07 | 2345 | 96 |
| 09/30/16 | 10.89 | 1330 | 9.12 | 7.47 | 2345 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 10.17 | | 8.80 | 7.56 | | |
| STD DEV.: | 1.63 | | 1.42 | 1.39 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR October 2016

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 10/01/16 | 9.32 | 2315 | 8.17 | 6.80 | 0415 | 96 |
| 10/02/16 | 9.52 | 0015 | 8.26 | 7.18 | 2015 | 96 |
| 10/03/16 | 10.24 | 1200 | 8.14 | 6.91 | 2315 | 96 |
| 10/04/16 | 9.12 | 1615 | 7.98 | 7.11 | 0430 | 96 |
| 10/05/16 | 10.35 | 1245 | 8.44 | 7.15 | 0615 | 96 |
| 10/06/16 | 11.29 | 1300 | 8.44 | 7.09 | 0100 | 96 |
| 10/07/16 | 9.60 | 1245 | 7.97 | 6.92 | 0445 | 96 |
| 10/08/16 | 9.47 | 1400 | 7.90 | 6.79 | 1930 | 96 |
| 10/09/16 | 11.39 | 0330 | 9.10 | 7.76 | 0215 | 96 |
| 10/10/16 | 13.55 | 1345 | 11.40 | 8.43 | 0215 | 96 |
| 10/11/16 | 12.64 | 1115 | 10.30 | 8.37 | 2330 | 96 |
| 10/12/16 | 10.66 | 1500 | 9.04 | 8.01 | 0200 | 96 |
| 10/13/16 | 10.52 | 0645 | 7.85 | 6.69 | 1845 | 76 |
| 10/14/16 | 8.85 | 1415 | 7.84 | 6.38 | 0530 | 96 |
| 10/15/16 | 8.03 | 1330 | 7.06 | 6.24 | 0545 | 96 |
| 10/16/16 | 8.27 | 1315 | 6.83 | 5.62 | 0600 | 96 |
| 10/17/16 | 8.61 | 1200 | 7.41 | 5.72 | 0645 | 96 |
| 10/18/16 | 9.81 | 1530 | 7.96 | 6.44 | 0600 | 96 |
| 10/19/16 | 8.97 | 1530 | 7.60 | 6.02 | 0345 | 96 |
| 10/20/16 | 8.82 | 1515 | 7.44 | 5.82 | 2300 | 96 |
| 10/21/16 | 7.67 | 1615 | 6.64 | 5.15 | 0415 | 96 |
| 10/22/16 | 7.56 | 1445 | 6.59 | 5.50 | 2115 | 96 |
| 10/23/16 | 7.86 | 1245 | 6.65 | 5.30 | 0030 | 96 |
| 10/24/16 | 8.48 | 1445 | 7.34 | 5.49 | 0315 | 96 |
| 10/25/16 | 8.45 | 1730 | 7.70 | 6.12 | 2130 | 96 |
| 10/26/16 | 8.88 | 1115 | 7.54 | 5.92 | 0415 | 96 |
| 10/27/16 | 12.54 | 2115 | 8.86 | 5.54 | 1115 | 96 |
| 10/28/16 | 14.59 | 1430 | 12.91 | 10.99 | 0030 | 96 |
| 10/29/16 | 15.21 | 2115 | 12.44 | 11.05 | 0630 | 96 |
| 10/30/16 | 13.89 | 1500 | 12.10 | 10.49 | 0715 | 96 |
| 10/31/16 | 14.95 | 1300 | 12.86 | 11.36 | 0445 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 10.29 | | 8.61 | 7.11 | | |
| STD DEV.: | 2.25 | | 1.85 | 1.74 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR November 2016

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 11/01/16 | 14.52 | 1515 | 12.53 | 10.91 | 0230 | 96 |
| 11/02/16 | 14.44 | 1315 | 13.14 | 11.48 | 0630 | 96 |
| 11/03/16 | 14.09 | 0015 | 12.23 | 10.02 | 0515 | 96 |
| 11/04/16 | 15.41 | 1330 | 13.14 | 10.95 | 0130 | 96 |
| 11/05/16 | 14.56 | 2015 | 13.34 | 11.19 | 1545 | 96 |
| 11/06/16 | 15.03 | 1315 | 13.57 | 11.70 | 0300 | 96 |
| 11/07/16 | 15.25 | 0645 | 13.60 | 12.11 | 0415 | 96 |
| 11/08/16 | 15.65 | 1630 | 13.11 | 11.81 | 1415 | 96 |
| 11/09/16 | 16.53 | 2200 | 14.52 | 12.16 | 1230 | 96 |
| 11/10/16 | 16.49 | 1830 | 14.59 | 12.50 | 0000 | 96 |
| 11/11/16 | 17.00 | 1915 | 15.10 | 11.78 | 0645 | 96 |
| 11/12/16 | 16.70 | 0400 | 15.00 | 11.54 | 0130 | 96 |
| 11/13/16 | 16.49 | 2015 | 14.41 | 12.68 | 0345 | 96 |
| 11/14/16 | 15.01 | 1215 | 13.93 | 12.84 | 1530 | 96 |
| 11/15/16 | 15.55 | 2245 | 14.01 | 12.19 | 0145 | 96 |
| 11/16/16 | 17.14 | 0330 | 14.49 | 12.96 | 0915 | 96 |
| 11/17/16 | 15.99 | 1400 | 14.13 | 12.50 | 0630 | 96 |
| 11/18/16 | 16.35 | 2230 | 13.68 | 11.24 | 2145 | 96 |
| 11/19/16 | 16.60 | 1545 | 14.06 | 11.41 | 0815 | 96 |
| 11/20/16 | 16.15 | 1615 | 13.71 | 11.34 | 1015 | 96 |
| 11/21/16 | 16.12 | 0015 | 12.46 | 9.99 | 2130 | 96 |
| 11/22/16 | 13.34 | 1600 | 12.00 | 10.35 | 0045 | 96 |
| 11/23/16 | 13.27 | 1400 | 12.26 | 10.41 | 2345 | 96 |
| 11/24/16 | 11.86 | 0515 | 11.04 | 9.54 | 1345 | 96 |
| 11/25/16 | 13.29 | 0030 | 10.98 | 9.81 | 0345 | 96 |
| 11/26/16 | 13.51 | 2015 | 11.53 | 10.20 | 1345 | 96 |
| 11/27/16 | 13.37 | 2245 | 12.98 | 11.93 | 2030 | 96 |
| 11/28/16 | 13.51 | 1315 | 13.24 | 12.92 | 2345 | 96 |
| 11/29/16 | 13.34 | 1715 | 12.97 | 12.48 | 0600 | 96 |
| 11/30/16 | 13.49 | 0215 | 12.89 | 11.88 | 1330 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 15.00 | | 13.29 | 11.49 | | |
| STD DEV.: | 1.43 | | 1.08 | 0.99 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR December 2016

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 12/01/16 | 12.81 | 1200 | 12.47 | 10.79 | 0515 | 96 |
| 12/02/16 | 12.18 | 1230 | 11.72 | 10.15 | 0845 | 96 |
| 12/03/16 | 12.11 | 1130 | 11.83 | 10.77 | 0030 | 96 |
| 12/04/16 | 12.32 | 1030 | 11.91 | 10.44 | 0145 | 96 |
| 12/05/16 | 12.16 | 0445 | 11.80 | 10.56 | 1830 | 96 |
| 12/06/16 | 12.25 | 2030 | 11.75 | 10.03 | 0515 | 96 |
| 12/07/16 | 12.31 | 1515 | 12.11 | 10.98 | 1045 | 96 |
| 12/08/16 | 12.14 | 0045 | 12.00 | 11.83 | 2045 | 96 |
| 12/09/16 | 13.53 | 1415 | 12.81 | 11.79 | 0315 | 96 |
| 12/10/16 | 14.18 | 1545 | 13.72 | 12.84 | 0015 | 96 |
| 12/11/16 | 14.52 | 1645 | 13.92 | 13.43 | 2330 | 96 |
| 12/12/16 | 13.84 | 0830 | 13.45 | 13.07 | 2100 | 96 |
| 12/13/16 | 14.85 | 0700 | 13.75 | 12.87 | 2030 | 96 |
| 12/14/16 | 14.24 | 0045 | 13.54 | 12.87 | 2300 | 96 |
| 12/15/16 | 13.75 | 0930 | 13.17 | 12.75 | 1645 | 96 |
| 12/16/16 | 13.71 | 2345 | 13.31 | 12.86 | 0815 | 96 |
| 12/17/16 | 14.29 | 2230 | 13.40 | 12.68 | 0830 | 96 |
| 12/18/16 | 14.64 | 0830 | 13.93 | 12.98 | 2200 | 96 |
| 12/19/16 | 14.72 | 0815 | 13.74 | 12.95 | 1845 | 96 |
| 12/20/16 | 13.56 | 1645 | 13.27 | 12.95 | 0745 | 96 |
| 12/21/16 | 13.94 | 1745 | 13.56 | 13.14 | 0215 | 96 |
| 12/22/16 | 15.23 | 0730 | 14.63 | 13.60 | 0015 | 96 |
| 12/23/16 | 14.93 | 1800 | 14.63 | 14.10 | 2345 | 96 |
| 12/24/16 | 14.05 | 0030 | 12.76 | 11.55 | 1830 | 96 |
| 12/25/16 | 12.44 | 1130 | 12.17 | 11.76 | 0245 | 96 |
| 12/26/16 | 12.42 | 1100 | 12.18 | 11.89 | 2100 | 96 |
| 12/27/16 | 12.19 | 0245 | 11.92 | 10.78 | 0000 | 96 |
| 12/28/16 | 11.58 | 1230 | 10.69 | 9.78 | 2030 | 96 |
| 12/29/16 | 14.06 | 2300 | 12.01 | 9.73 | 0430 | 96 |
| 12/30/16 | 13.10 | 0800 | 12.53 | 10.16 | 0030 | 67 |
| 12/31/16 | 12.76 | 0830 | 12.34 | 11.51 | 2000 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 13.38 | | 12.81 | 11.86 | | |
| STD DEV.: | 1.06 | | 0.96 | 1.28 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR January 2017

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 01/01/17 | 12.87 | 2145 | 12.43 | 11.87 | 2300 | 96 |
| 01/02/17 | 12.93 | 1015 | 12.45 | 11.70 | 1345 | 96 |
| 01/03/17 | 13.26 | 1000 | 12.39 | 11.73 | 1145 | 96 |
| 01/04/17 | 15.34 | 1615 | 13.78 | 11.78 | 1015 | 96 |
| 01/05/17 | 16.22 | 0345 | 15.11 | 14.25 | 0730 | 96 |
| 01/06/17 | 16.57 | 0600 | 15.73 | 14.70 | 0100 | 96 |
| 01/07/17 | 16.62 | 1145 | 16.03 | 15.39 | 0030 | 96 |
| 01/08/17 | 16.64 | 0400 | 16.27 | 16.04 | 0030 | 96 |
| 01/09/17 | 17.44 | 0500 | 16.51 | 15.90 | 1700 | 96 |
| 01/10/17 | 17.29 | 1730 | 16.76 | 16.03 | 0515 | 96 |
| 01/11/17 | 17.91 | 0715 | 17.38 | 16.86 | 2030 | 96 |
| 01/12/17 | 17.36 | 0045 | 16.97 | 16.51 | 2330 | 96 |
| 01/13/17 | 17.57 | 1945 | 16.93 | 16.03 | 2145 | 96 |
| 01/14/17 | 17.47 | 1045 | 17.15 | 16.94 | 2300 | 96 |
| 01/15/17 | 17.35 | 2230 | 16.72 | 13.40 | 2030 | 96 |
| 01/16/17 | 17.34 | 0845 | 16.99 | 16.59 | 1200 | 96 |
| 01/17/17 | 17.16 | 1215 | 16.95 | 16.47 | 1445 | 96 |
| 01/18/17 | 17.07 | 1430 | 16.89 | 16.42 | 1415 | 96 |
| 01/19/17 | 16.89 | 1830 | 16.69 | 16.39 | 1045 | 96 |
| 01/20/17 | 16.58 | 0015 | 13.65 | 11.46 | 2045 | 96 |
| 01/21/17 | 12.72 | 1215 | 11.99 | 11.01 | 0215 | 96 |
| 01/22/17 | 12.87 | 1915 | 11.99 | 11.47 | 0730 | 96 |
| 01/23/17 | 13.28 | 1900 | 12.39 | 11.52 | 0645 | 96 |
| 01/24/17 | 13.69 | 0215 | 12.72 | 11.93 | 0830 | 96 |
| 01/25/17 | 14.57 | 1400 | 13.19 | 12.20 | 0315 | 96 |
| 01/26/17 | 13.77 | 1130 | 13.11 | 12.52 | 0515 | 96 |
| 01/27/17 | 14.26 | 1200 | 13.24 | 12.48 | 1745 | 96 |
| 01/28/17 | 14.20 | 1115 | 12.82 | 12.10 | 2115 | 96 |
| 01/29/17 | 14.58 | 0945 | 12.65 | 11.86 | 2115 | 96 |
| 01/30/17 | 13.42 | 1230 | 12.63 | 12.10 | 0615 | 96 |
| 01/31/17 | 14.47 | 1015 | 12.92 | 12.01 | 0700 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 15.47 | | 14.63 | 13.80 | | |
| STD DEV.: | 1.81 | | 2.02 | 2.17 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR February 2017

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 02/01/17 | 13.79 | 1215 | 12.94 | 12.11 | 0230 | 96 |
| 02/02/17 | 13.65 | 1500 | 12.84 | 12.09 | 0800 | 96 |
| 02/03/17 | 15.28 | 1045 | 12.89 | 11.90 | 2245 | 96 |
| 02/04/17 | 14.77 | 0945 | 12.88 | 11.67 | 0330 | 96 |
| 02/05/17 | 15.28 | 1300 | 13.89 | 12.09 | 0045 | 96 |
| 02/06/17 | 16.38 | 2245 | 15.60 | 13.92 | 0215 | 96 |
| 02/07/17 | 16.33 | 0030 | 15.19 | 13.82 | 1845 | 96 |
| 02/08/17 | 16.56 | 0815 | 16.13 | 15.44 | 0000 | 96 |
| 02/09/17 | 15.57 | 0100 | 14.72 | 13.70 | 1245 | 96 |
| 02/10/17 | 15.96 | 1145 | 15.28 | 14.08 | 2145 | 96 |
| 02/11/17 | 15.72 | 2315 | 15.17 | 14.38 | 1645 | 96 |
| 02/12/17 | 16.78 | 0000 | 15.56 | 14.70 | 0645 | 96 |
| 02/13/17 | 17.11 | 0230 | 15.80 | 14.30 | 0815 | 96 |
| 02/14/17 | 16.15 | 0945 | 15.11 | 13.63 | 2100 | 96 |
| 02/15/17 | 15.11 | 2145 | 14.07 | 13.41 | 1845 | 96 |
| 02/16/17 | 14.88 | 0730 | 14.01 | 12.47 | 1630 | 96 |
| 02/17/17 | 15.25 | 0900 | 13.45 | 12.40 | 1700 | 96 |
| 02/18/17 | 14.87 | 0115 | 12.75 | 11.35 | 0500 | 96 |
| 02/19/17 | 14.70 | 1615 | 13.13 | 12.22 | 0745 | 96 |
| 02/20/17 | 14.56 | 1315 | 13.32 | 12.53 | 0715 | 96 |
| 02/21/17 | 14.30 | 1000 | 13.05 | 12.40 | 0530 | 96 |
| 02/22/17 | 14.34 | 1215 | 13.06 | 11.81 | 0715 | 96 |
| 02/23/17 | 14.30 | 1400 | 13.03 | 12.34 | 1845 | 96 |
| 02/24/17 | 15.98 | 2115 | 13.69 | 12.33 | 0700 | 96 |
| 02/25/17 | 16.50 | 1000 | 14.67 | 12.89 | 0015 | 96 |
| 02/26/17 | 16.75 | 1330 | 15.57 | 13.89 | 0145 | 96 |
| 02/27/17 | 17.72 | 2000 | 15.91 | 13.02 | 0315 | 96 |
| 02/28/17 | 17.68 | 1145 | 15.45 | 13.51 | 2330 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 15.58 | | 14.26 | 13.01 | | |
| STD DEV.: | 1.11 | | 1.17 | 1.05 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR March 2017

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 03/01/17 | 17.09 | 1545 | 15.46 | 13.41 | 2230 | 96 |
| 03/02/17 | 17.23 | 1000 | 16.00 | 14.14 | 0015 | 96 |
| 03/03/17 | 16.50 | 2215 | 15.62 | 14.26 | 0345 | 96 |
| 03/04/17 | 16.94 | 2100 | 15.76 | 14.47 | 0800 | 96 |
| 03/05/17 | 16.91 | 0400 | 15.73 | 14.35 | 2345 | 96 |
| 03/06/17 | 17.32 | 0945 | 14.81 | 12.81 | 2030 | 96 |
| 03/07/17 | 15.15 | 0530 | 13.41 | 11.49 | 1700 | 96 |
| 03/08/17 | 15.54 | 1400 | 13.83 | 12.29 | 0315 | 96 |
| 03/09/17 | 16.16 | 1130 | 14.65 | 12.55 | 2100 | 96 |
| 03/10/17 | 15.58 | 2000 | 13.52 | 11.09 | 0700 | 96 |
| 03/11/17 | 16.87 | 0845 | 15.42 | 13.87 | 0015 | 96 |
| 03/12/17 | 16.19 | 1415 | 15.36 | 14.10 | 0000 | 96 |
| 03/13/17 | 14.97 | 0015 | 13.69 | 12.44 | 0915 | 96 |
| 03/14/17 | 13.89 | 1730 | 13.03 | 11.95 | 0000 | 96 |
| 03/15/17 | 12.69 | 1630 | 11.91 | 10.74 | 0015 | 96 |
| 03/16/17 | 15.16 | 0945 | 13.27 | 11.32 | 0215 | 96 |
| 03/17/17 | 13.24 | 1445 | 12.58 | 11.59 | 2345 | 96 |
| 03/18/17 | 12.28 | 1630 | 11.32 | 10.28 | 0915 | 96 |
| 03/19/17 | 14.43 | 1030 | 12.20 | 9.34 | 0130 | 96 |
| 03/20/17 | 14.40 | 1015 | 12.19 | 8.71 | 0830 | 96 |
| 03/21/17 | 16.17 | 1330 | 13.28 | 10.65 | 1715 | 96 |
| 03/22/17 | 16.39 | 0930 | 14.71 | 11.62 | 0515 | 96 |
| 03/23/17 | 16.02 | 1700 | 14.51 | 12.40 | 2330 | 96 |
| 03/24/17 | 15.31 | 1015 | 12.84 | 8.29 | 1615 | 96 |
| 03/25/17 | 14.50 | 1845 | 12.64 | 10.90 | 1830 | 96 |
| 03/26/17 | 13.78 | 0600 | 12.52 | 9.34 | 1745 | 95 |
| 03/27/17 | 14.91 | 0930 | 12.17 | 8.22 | 2045 | 94 |
| 03/28/17 | 15.31 | 0130 | 12.82 | 7.49 | 1645 | 95 |
| 03/29/17 | 16.22 | 1500 | 13.51 | 10.86 | 0545 | 96 |
| 03/30/17 | 15.21 | 0700 | 13.33 | 8.05 | 1815 | 96 |
| 03/31/17 | 14.83 | 0745 | 12.22 | 10.58 | 1930 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 15.39 | | 13.69 | 11.41 | | |
| STD DEV.: | 1.32 | | 1.34 | 2.03 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR April 2017

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 04/01/17 | 14.61 | 1700 | 12.59 | 10.30 | 0930 | 74 |
| 04/02/17 | 15.32 | 0945 | 12.58 | 10.74 | 2245 | 96 |
| 04/03/17 | 14.17 | 0945 | 12.31 | 9.85 | 0500 | 96 |
| 04/04/17 | 14.01 | 2015 | 12.38 | 10.27 | 0830 | 94 |
| 04/05/17 | 14.69 | 1830 | 12.43 | 9.52 | 1930 | 96 |
| 04/06/17 | 14.46 | 1815 | 12.09 | 7.15 | 0830 | 88 |
| 04/07/17 | 15.17 | 0930 | 12.88 | 9.41 | 2345 | 93 |
| 04/08/17 | 16.24 | 1415 | 14.01 | 11.13 | 0315 | 96 |
| 04/09/17 | 15.04 | 1430 | 13.19 | 10.67 | 1930 | 96 |
| 04/10/17 | 14.74 | 1230 | 12.64 | 10.39 | 0815 | 96 |
| 04/11/17 | 13.91 | 1700 | 12.57 | 11.65 | 0600 | 96 |
| 04/12/17 | 15.51 | 1930 | 13.41 | 11.08 | 0545 | 96 |
| 04/13/17 | 16.94 | 1430 | 15.74 | 13.64 | 0600 | 96 |
| 04/14/17 | 16.47 | 0645 | 14.63 | 11.47 | 1815 | 96 |
| 04/15/17 | 16.68 | 1845 | 15.28 | 13.07 | 0715 | 96 |
| 04/16/17 | 16.32 | 0015 | 15.52 | 14.50 | 1445 | 96 |
| 04/17/17 | 15.82 | 0015 | 14.08 | 12.98 | 1630 | 96 |
| 04/18/17 | 14.53 | 0545 | 13.20 | 11.52 | 2045 | 96 |
| 04/19/17 | 14.34 | 1500 | 13.10 | 11.72 | 2145 | 96 |
| 04/20/17 | 13.92 | 1415 | 12.52 | 11.35 | 1815 | 96 |
| 04/21/17 | 13.49 | 0830 | 12.16 | 10.70 | 1815 | 96 |
| 04/22/17 | 13.33 | 1215 | 11.50 | 8.93 | 0715 | 96 |
| 04/23/17 | 13.17 | 2300 | 11.71 | 8.75 | 0715 | 96 |
| 04/24/17 | 13.56 | 0530 | 11.93 | 9.02 | 0930 | 96 |
| 04/25/17 | 12.87 | 0845 | 11.94 | 10.61 | 0945 | 96 |
| 04/26/17 | 14.17 | 0815 | 11.49 | 10.48 | 1130 | 96 |
| 04/27/17 | 12.32 | 1830 | 11.38 | 10.71 | 0330 | 96 |
| 04/28/17 | 12.71 | 1645 | 11.78 | 10.59 | 0100 | 96 |
| 04/29/17 | 12.57 | 1700 | 11.68 | 10.70 | 0000 | 96 |
| 04/30/17 | 11.95 | 0215 | 10.55 | 9.19 | 2245 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 14.43 | | 12.78 | 10.74 | | |
| STD DEV.: | 1.34 | | 1.27 | 1.52 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR May 2017

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 05/01/17 | 11.14 | 1600 | 9.66 | 8.39 | 1000 | 93 |
| 05/02/17 | 11.86 | 1645 | 9.87 | 8.43 | 0145 | 96 |
| 05/03/17 | 13.78 | 1000 | 11.94 | 9.73 | 0415 | 96 |
| 05/04/17 | 13.31 | 1815 | 12.64 | 12.04 | 0715 | 96 |
| 05/05/17 | 13.86 | 1215 | 13.02 | 11.98 | 0630 | 96 |
| 05/06/17 | 12.76 | 2015 | 12.34 | 11.83 | 1115 | 96 |
| 05/07/17 | 12.92 | 1730 | 12.58 | 12.12 | 0345 | 96 |
| 05/08/17 | 12.78 | 0745 | 12.27 | 11.62 | 2300 | 96 |
| 05/09/17 | 12.49 | 1600 | 11.68 | 11.32 | 0530 | 96 |
| 05/10/17 | 12.00 | 1300 | 11.53 | 10.80 | 0800 | 96 |
| 05/11/17 | 12.20 | 1615 | 11.28 | 9.99 | 1100 | 96 |
| 05/12/17 | 13.23 | 0945 | 10.63 | 8.84 | 0000 | 96 |
| 05/13/17 | 10.10 | 1245 | 9.12 | 7.92 | 0315 | 96 |
| 05/14/17 | 9.63 | 1715 | 8.87 | 8.19 | 0115 | 96 |
| 05/15/17 | 10.46 | 1145 | 9.28 | 8.32 | 0530 | 96 |
| 05/16/17 | 12.06 | 1915 | 10.51 | 8.26 | 0815 | 96 |
| 05/17/17 | 13.34 | 1815 | 12.29 | 11.38 | 0700 | 96 |
| 05/18/17 | 13.01 | 0745 | 12.25 | 11.25 | 1030 | 96 |
| 05/19/17 | 12.91 | 1315 | 11.97 | 10.41 | 0715 | 92 |
| 05/20/17 | 11.55 | 0015 | 10.71 | 9.58 | 1030 | 96 |
| 05/21/17 | 11.06 | 1330 | 10.02 | 9.06 | 0945 | 96 |
| 05/22/17 | 10.18 | 1215 | 9.08 | 8.15 | 2315 | 96 |
| 05/23/17 | 10.62 | 1600 | 9.39 | 7.77 | 0200 | 96 |
| 05/24/17 | 11.36 | 1415 | 9.79 | 7.11 | 0430 | 96 |
| 05/25/17 | 9.61 | 0015 | 8.32 | 5.32 | 1845 | 96 |
| 05/26/17 | 9.50 | 1045 | 8.85 | 7.63 | 1245 | 96 |
| 05/27/17 | 10.33 | 1815 | 9.34 | 8.30 | 0730 | 96 |
| 05/28/17 | 10.62 | 1645 | 9.24 | 8.46 | 2330 | 96 |
| 05/29/17 | 8.82 | 0515 | 8.33 | 8.00 | 2345 | 96 |
| 05/30/17 | 10.71 | 1230 | 9.05 | 8.07 | 0015 | 96 |
| 05/31/17 | 10.04 | 1030 | 8.77 | 7.53 | 1930 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 11.56 | | 10.47 | 9.28 | | |
| STD DEV.: | 1.43 | | 1.49 | 1.76 | | |

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

STATION: Zero

PARAMETER: PH

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 06/01/16 | 6.77 | 1700 | 6.57 | 6.39 | 1115 | 96 |
| 06/02/16 | 6.88 | 1500 | 6.69 | 6.60 | 0545 | 96 |
| 06/03/16 | 6.73 | 1145 | 6.58 | 6.49 | 1630 | 96 |
| 06/04/16 | 6.74 | 1230 | 6.60 | 6.47 | 1845 | 96 |
| 06/05/16 | 6.69 | 2345 | 6.55 | 6.50 | 0645 | 96 |
| 06/06/16 | 6.69 | 0800 | 6.60 | 6.48 | 2100 | 96 |
| 06/07/16 | 6.66 | 1045 | 6.57 | 6.52 | 1330 | 96 |
| 06/08/16 | 6.66 | 1100 | 6.56 | 6.49 | 0830 | 96 |
| 06/09/16 | 6.66 | 2145 | 6.56 | 6.51 | 0930 | 96 |
| 06/10/16 | 6.74 | 1430 | 6.65 | 6.53 | 0345 | 96 |
| 06/11/16 | 6.67 | 0015 | 6.64 | 6.58 | 2315 | 96 |
| 06/12/16 | 6.57 | 0130 | 6.52 | 6.44 | 1215 | 96 |
| 06/13/16 | 6.63 | 1715 | 6.57 | 6.51 | 0045 | 96 |
| 06/14/16 | 6.69 | 2300 | 6.61 | 6.48 | 0630 | 96 |
| 06/15/16 | 6.70 | 0915 | 6.65 | 6.53 | 2000 | 96 |
| 06/16/16 | 6.68 | 0900 | 6.58 | 6.47 | 1400 | 96 |
| 06/17/16 | 6.61 | 1545 | 6.52 | 6.44 | 0915 | 95 |
| 06/18/16 | 6.57 | 1330 | 6.50 | 6.41 | 1830 | 94 |
| 06/19/16 | 6.72 | 0945 | 6.56 | 6.45 | 0515 | 96 |
| 06/20/16 | 6.73 | 2215 | 6.61 | 6.46 | 1000 | 96 |
| 06/21/16 | 6.80 | 2230 | 6.65 | 6.54 | 0715 | 96 |
| 06/22/16 | 6.70 | 1415 | 6.57 | 6.45 | 1715 | 96 |
| 06/23/16 | 6.93 | 1645 | 6.71 | 6.59 | 0645 | 96 |
| 06/24/16 | 6.75 | 0015 | 6.58 | 6.46 | 1530 | 96 |
| 06/25/16 | 6.73 | 1700 | 6.54 | 6.41 | 1100 | 96 |
| 06/26/16 | 6.76 | 0945 | 6.54 | 6.47 | 1830 | 96 |
| 06/27/16 | 6.57 | 0015 | 6.52 | 6.45 | 1000 | 96 |
| 06/28/16 | 6.67 | 0000 | 6.51 | 6.32 | 1130 | 96 |
| 06/29/16 | 6.74 | 1715 | 6.61 | 6.51 | 2100 | 96 |
| 06/30/16 | 6.69 | 1145 | 6.59 | 6.52 | 1515 | 96 |
| AVERAGE | 6.70 | | 6.58 | 6.48 | | |
| STD DEV.: | 0.08 | | 0.05 | 0.06 | | |

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

STATION: Zero

PARAMETER: PH

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 07/01/16 | 6.77 | 2100 | 6.64 | 6.56 | 1315 | 96 |
| 07/02/16 | 6.74 | 1515 | 6.64 | 6.53 | 0500 | 96 |
| 07/03/16 | 6.84 | 1230 | 6.72 | 6.63 | 2145 | 96 |
| 07/04/16 | 6.77 | 1430 | 6.63 | 6.51 | 2100 | 96 |
| 07/05/16 | 6.83 | 2100 | 6.61 | 6.45 | 0600 | 96 |
| 07/06/16 | 7.18 | 1400 | 6.95 | 6.47 | 0430 | 96 |
| 07/07/16 | 7.22 | 1545 | 7.08 | 6.99 | 0130 | 96 |
| 07/08/16 | 7.15 | 1330 | 7.05 | 6.77 | 0000 | 96 |
| 07/09/16 | 6.75 | 0015 | 6.63 | 6.59 | 2200 | 96 |
| 07/10/16 | 6.67 | 0645 | 6.62 | 6.52 | 1300 | 72 |
| 07/11/16 | 6.83 | 1530 | 6.65 | 6.58 | 2245 | 96 |
| 07/12/16 | 6.87 | 1045 | 6.65 | 6.58 | 2300 | 96 |
| 07/13/16 | 7.12 | 2315 | 6.73 | 6.42 | 0615 | 96 |
| 07/14/16 | 7.24 | 1300 | 7.01 | 6.77 | 2200 | 96 |
| 07/15/16 | 6.94 | 1430 | 6.83 | 6.76 | 2145 | 96 |
| 07/16/16 | 7.19 | 1315 | 6.87 | 6.64 | 0000 | 96 |
| 07/17/16 | 7.26 | 1630 | 6.71 | 6.42 | 0645 | 96 |
| 07/18/16 | 6.92 | 1745 | 6.65 | 6.40 | 0715 | 96 |
| 07/19/16 | 7.21 | 1615 | 6.65 | 6.37 | 0715 | 95 |
| 07/20/16 | 6.93 | 1815 | 6.48 | 6.21 | 2345 | 95 |
| 07/21/16 | 6.92 | 2215 | 6.56 | 6.13 | 0130 | 96 |
| 07/22/16 | 7.13 | 1415 | 6.99 | 6.86 | 0000 | 96 |
| 07/23/16 | 7.09 | 1315 | 6.92 | 6.62 | 0000 | 96 |
| 07/24/16 | 6.72 | 1845 | 6.57 | 6.45 | 0645 | 96 |
| 07/25/16 | 7.16 | 1500 | 6.89 | 6.53 | 0445 | 96 |
| 07/26/16 | 7.04 | 1430 | 6.94 | 6.84 | 0145 | 96 |
| 07/27/16 | 7.09 | 1400 | 6.95 | 6.82 | 0000 | 96 |
| 07/28/16 | 7.14 | 1500 | 6.97 | 6.80 | 0230 | 96 |
| 07/29/16 | 7.08 | 1545 | 6.84 | 6.54 | 0000 | 96 |
| 07/30/16 | 6.70 | 1315 | 6.55 | 6.43 | 0645 | 96 |
| 07/31/16 | 6.54 | 1800 | 6.49 | 6.45 | 2345 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 6.97 | | 6.76 | 6.57 | | |
| STD DEV.: | 0.20 | | 0.18 | 0.19 | | |

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

STATION: Zero

PARAMETER: PH

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 08/01/16 | 6.52 | 1730 | 6.46 | 6.42 | 0615 | 96 |
| 08/02/16 | 6.54 | 1715 | 6.44 | 6.35 | 2315 | 96 |
| 08/03/16 | 6.48 | 1600 | 6.39 | 6.32 | 0000 | 96 |
| 08/04/16 | 6.58 | 1545 | 6.38 | 6.23 | 0530 | 96 |
| 08/05/16 | 6.60 | 1400 | 6.54 | 6.49 | 0100 | 96 |
| 08/06/16 | 6.75 | 1745 | 6.59 | 6.51 | 0215 | 96 |
| 08/07/16 | 6.87 | 1545 | 6.66 | 6.52 | 0730 | 96 |
| 08/08/16 | 6.83 | 1930 | 6.64 | 6.50 | 0700 | 96 |
| 08/09/16 | 6.79 | 2200 | 6.66 | 6.56 | 0700 | 96 |
| 08/10/16 | 7.75 | 0915 | 6.87 | 6.65 | 0845 | 96 |
| 08/11/16 | 7.68 | 1500 | 7.35 | 6.98 | 0730 | 96 |
| 08/12/16 | 7.67 | 1145 | 7.43 | 7.27 | 0230 | 96 |
| 08/13/16 | 7.67 | 1415 | 7.35 | 7.22 | 0245 | 96 |
| 08/14/16 | 7.69 | 1530 | 7.41 | 7.21 | 0000 | 96 |
| 08/15/16 | 7.41 | 1715 | 7.16 | 6.89 | 0915 | 96 |
| 08/16/16 | 7.49 | 1230 | 7.22 | 6.94 | 0400 | 96 |
| 08/17/16 | 7.40 | 0945 | 7.25 | 7.11 | 0015 | 91 |
| 08/18/16 | 7.22 | 0845 | 7.06 | 6.87 | 2345 | 96 |
| 08/19/16 | 7.34 | 1645 | 6.95 | 6.70 | 0000 | 96 |
| 08/20/16 | 6.90 | 1815 | 6.62 | 6.51 | 0715 | 96 |
| 08/21/16 | 6.77 | 1800 | 6.57 | 6.47 | 0515 | 96 |
| 08/22/16 | 7.63 | 1815 | 6.78 | 6.46 | 0730 | 96 |
| 08/23/16 | 7.51 | 1315 | 6.95 | 6.61 | 0700 | 95 |
| 08/24/16 | 7.27 | 2245 | 6.87 | 6.59 | 0645 | 80 |
| 08/25/16 | 7.16 | 1945 | 6.88 | 6.65 | 0745 | 96 |
| 08/26/16 | 7.01 | 1900 | 6.78 | 6.59 | 0745 | 96 |
| 08/27/16 | 7.28 | 1745 | 6.80 | 6.50 | 0745 | 96 |
| 08/28/16 | 6.96 | 1730 | 6.62 | 6.42 | 0815 | 96 |
| 08/29/16 | 6.67 | 1230 | 6.52 | 6.38 | 0815 | 96 |
| 08/30/16 | 7.00 | 0800 | 6.68 | 6.46 | 0730 | 96 |
| 08/31/16 | 7.13 | 1630 | 6.74 | 6.54 | 0815 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 7.12 | | 6.83 | 6.64 | | |
| STD DEV.: | 0.41 | | 0.31 | 0.28 | | |

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

STATION: Zero

PARAMETER: PH

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 09/01/16 | 6.87 | 1415 | 6.68 | 6.53 | 0815 | 96 |
| 09/02/16 | 7.08 | 1315 | 6.76 | 6.56 | 0845 | 96 |
| 09/03/16 | 6.85 | 1515 | 6.67 | 6.59 | 0000 | 96 |
| 09/04/16 | 7.03 | 1700 | 6.68 | 6.49 | 0745 | 96 |
| 09/05/16 | 7.04 | 1600 | 6.64 | 6.46 | 0830 | 96 |
| 09/06/16 | 6.87 | 1530 | 6.59 | 6.49 | 0715 | 96 |
| 09/07/16 | 6.83 | 1700 | 6.54 | 6.42 | 1000 | 96 |
| 09/08/16 | 6.57 | 1245 | 6.50 | 6.42 | 1545 | 96 |
| 09/09/16 | 7.28 | 1530 | 6.97 | 6.56 | 0200 | 96 |
| 09/10/16 | 7.24 | 1530 | 7.09 | 6.94 | 0415 | 96 |
| 09/11/16 | 7.17 | 0615 | 7.01 | 6.80 | 0000 | 96 |
| 09/12/16 | 6.86 | 1245 | 6.75 | 6.68 | 0630 | 96 |
| 09/13/16 | 7.07 | 1115 | 6.82 | 6.69 | 0100 | 95 |
| 09/14/16 | 6.90 | 1000 | 6.85 | 6.81 | 0115 | 46 |
| 09/15/16 | 6.80 | 1245 | 6.80 | 6.80 | 1245 | 1 |
| 09/16/16 | 6.94 | 1045 | 6.72 | 6.50 | 1230 | 59 |
| 09/17/16 | 6.70 | 1700 | 6.63 | 6.55 | 1300 | 96 |
| 09/18/16 | 6.63 | 0030 | 6.53 | 6.40 | 1445 | 95 |
| 09/19/16 | 6.61 | 1800 | 6.50 | 6.40 | 0830 | 96 |
| 09/20/16 | 6.75 | 1230 | 6.58 | 6.31 | 0700 | 96 |
| 09/21/16 | 6.76 | 1315 | 6.64 | 6.55 | 0730 | 96 |
| 09/22/16 | 6.96 | 1200 | 6.64 | 6.51 | 1430 | 96 |
| 09/23/16 | 6.80 | 1500 | 6.62 | 6.56 | 1030 | 96 |
| 09/24/16 | 6.92 | 1330 | 6.68 | 6.51 | 0615 | 96 |
| 09/25/16 | 7.13 | 1215 | 6.82 | 6.65 | 0645 | 96 |
| 09/26/16 | 7.33 | 1200 | 6.96 | 6.79 | 0745 | 96 |
| 09/27/16 | 7.41 | 1345 | 6.85 | 6.67 | 0815 | 95 |
| 09/28/16 | 6.72 | 0015 | 6.65 | 6.58 | 0945 | 96 |
| 09/29/16 | 7.46 | 1215 | 6.84 | 6.66 | 0615 | 91 |
| 09/30/16 | 7.44 | 1300 | 6.79 | 6.64 | 0000 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 6.97 | | 6.73 | 6.58 | | |
| STD DEV.: | 0.25 | | 0.15 | 0.15 | | |

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

STATION: Zero

PARAMETER: PH

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 10/01/16 | 6.78 | 1745 | 6.71 | 6.65 | 0430 | 96 |
| 10/02/16 | 6.80 | 1515 | 6.68 | 6.54 | 2030 | 96 |
| 10/03/16 | 6.98 | 1645 | 6.65 | 6.47 | 2100 | 95 |
| 10/04/16 | 6.79 | 1600 | 6.66 | 6.46 | 0415 | 96 |
| 10/05/16 | 7.42 | 1245 | 6.89 | 6.71 | 0530 | 96 |
| 10/06/16 | 7.21 | 1615 | 6.85 | 6.69 | 2030 | 90 |
| 10/07/16 | 7.24 | 1215 | 6.83 | 6.68 | 0045 | 96 |
| 10/08/16 | 6.99 | 1400 | 6.76 | 6.57 | 1600 | 96 |
| 10/09/16 | 6.82 | 0015 | 6.71 | 6.66 | 0930 | 96 |
| 10/10/16 | 7.22 | 1415 | 6.87 | 6.58 | 0615 | 96 |
| 10/11/16 | 7.25 | 1345 | 7.04 | 6.90 | 0615 | 96 |
| 10/12/16 | 7.07 | 1245 | 6.94 | 6.87 | 0415 | 96 |
| 10/13/16 | 7.11 | 1600 | 6.90 | 6.66 | 1200 | 96 |
| 10/14/16 | 7.45 | 1515 | 7.02 | 6.80 | 0745 | 96 |
| 10/15/16 | 7.34 | 1145 | 6.95 | 6.81 | 1500 | 96 |
| 10/16/16 | 7.15 | 1230 | 6.93 | 6.83 | 1600 | 96 |
| 10/17/16 | 7.23 | 1245 | 6.93 | 6.80 | 0545 | 96 |
| 10/18/16 | 7.08 | 1500 | 6.83 | 6.71 | 0815 | 96 |
| 10/19/16 | 6.91 | 1700 | 6.76 | 6.56 | 0800 | 96 |
| 10/20/16 | 6.86 | 1230 | 6.77 | 6.68 | 0845 | 96 |
| 10/21/16 | 6.88 | 2000 | 6.73 | 6.62 | 0900 | 96 |
| 10/22/16 | 6.80 | 0030 | 6.67 | 6.56 | 0000 | 96 |
| 10/23/16 | 6.78 | 1300 | 6.67 | 6.53 | 0045 | 96 |
| 10/24/16 | 6.80 | 1430 | 6.72 | 6.67 | 0430 | 96 |
| 10/25/16 | 6.87 | 0000 | 6.76 | 6.67 | 0630 | 96 |
| 10/26/16 | 6.99 | 1815 | 6.89 | 6.72 | 0815 | 96 |
| 10/27/16 | 7.00 | 1300 | 6.81 | 6.74 | 1415 | 96 |
| 10/28/16 | 6.74 | 0045 | 6.67 | 6.56 | 1030 | 96 |
| 10/29/16 | 6.69 | 1700 | 6.64 | 6.54 | 2045 | 96 |
| 10/30/16 | 6.64 | 0300 | 6.59 | 6.55 | 0000 | 96 |
| 10/31/16 | 6.64 | 2045 | 6.57 | 6.47 | 0900 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 6.98 | | 6.79 | 6.65 | | |
| STD DEV.: | 0.23 | | 0.13 | 0.12 | | |

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

STATION: Zero

PARAMETER: PH

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 11/01/16 | 6.70 | 1100 | 6.62 | 6.57 | 2345 | 96 |
| 11/02/16 | 6.60 | 0315 | 6.56 | 6.48 | 1315 | 96 |
| 11/03/16 | 6.58 | 0215 | 6.51 | 6.46 | 0000 | 96 |
| 11/04/16 | 6.50 | 0045 | 6.43 | 6.35 | 1100 | 96 |
| 11/05/16 | 6.57 | 1900 | 6.50 | 6.42 | 0300 | 96 |
| 11/06/16 | 6.56 | 2300 | 6.49 | 6.38 | 1100 | 96 |
| 11/07/16 | 6.57 | 2045 | 6.51 | 6.38 | 0715 | 96 |
| 11/08/16 | 6.55 | 2015 | 6.50 | 6.39 | 1700 | 96 |
| 11/09/16 | 6.51 | 1600 | 6.41 | 6.30 | 0015 | 96 |
| 11/10/16 | 6.49 | 1700 | 6.43 | 6.35 | 0445 | 96 |
| 11/11/16 | 6.55 | 0000 | 6.45 | 6.36 | 1015 | 96 |
| 11/12/16 | 6.72 | 2145 | 6.63 | 6.52 | 0130 | 96 |
| 11/13/16 | 6.71 | 0015 | 6.59 | 6.47 | 1215 | 96 |
| 11/14/16 | 6.64 | 0030 | 6.54 | 6.42 | 1900 | 96 |
| 11/15/16 | 6.62 | 1100 | 6.56 | 6.47 | 2245 | 96 |
| 11/16/16 | 6.53 | 2100 | 6.48 | 6.43 | 0330 | 96 |
| 11/17/16 | 6.56 | 1900 | 6.48 | 6.37 | 1100 | 96 |
| 11/18/16 | 6.54 | 1945 | 6.47 | 6.40 | 0615 | 96 |
| 11/19/16 | 6.58 | 1100 | 6.48 | 6.37 | 1545 | 96 |
| 11/20/16 | 6.52 | 0145 | 6.43 | 6.34 | 1315 | 96 |
| 11/21/16 | 6.61 | 2315 | 6.51 | 6.39 | 0015 | 96 |
| 11/22/16 | 6.64 | 1800 | 6.57 | 6.49 | 1030 | 96 |
| 11/23/16 | 6.78 | 2245 | 6.70 | 6.61 | 0045 | 96 |
| 11/24/16 | 6.79 | 0345 | 6.72 | 6.65 | 2300 | 96 |
| 11/25/16 | 6.67 | 1000 | 6.65 | 6.58 | 0030 | 96 |
| 11/26/16 | 6.70 | 0300 | 6.62 | 6.59 | 1830 | 96 |
| 11/27/16 | 6.62 | 0045 | 6.54 | 6.42 | 1100 | 96 |
| 11/28/16 | 6.65 | 1900 | 6.57 | 6.49 | 0300 | 96 |
| 11/29/16 | 6.57 | 0300 | 6.53 | 6.45 | 1100 | 96 |
| 11/30/16 | 6.56 | 0030 | 6.43 | 6.35 | 0000 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 6.61 | | 6.53 | 6.44 | | |
| STD DEV.: | 0.08 | | 0.08 | 0.09 | | |

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

STATION: Zero

PARAMETER: PH

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 12/01/16 | 6.78 | 2230 | 6.51 | 6.31 | 0615 | 96 |
| 12/02/16 | 6.79 | 0700 | 6.73 | 6.64 | 2215 | 96 |
| 12/03/16 | 6.67 | 0015 | 6.65 | 6.61 | 1015 | 96 |
| 12/04/16 | 6.64 | 0045 | 6.57 | 6.49 | 0000 | 96 |
| 12/05/16 | 6.52 | 0300 | 6.43 | 6.37 | 2345 | 96 |
| 12/06/16 | 6.63 | 1930 | 6.49 | 6.34 | 0645 | 96 |
| 12/07/16 | 6.61 | 0015 | 6.58 | 6.55 | 0945 | 96 |
| 12/08/16 | 6.59 | 0300 | 6.57 | 6.55 | 0015 | 96 |
| 12/09/16 | 6.75 | 1900 | 6.62 | 6.49 | 0830 | 96 |
| 12/10/16 | 6.81 | 2000 | 6.71 | 6.63 | 2345 | 96 |
| 12/11/16 | 6.78 | 1130 | 6.68 | 6.62 | 2330 | 96 |
| 12/12/16 | 6.77 | 1000 | 6.65 | 6.60 | 2045 | 96 |
| 12/13/16 | 6.76 | 1030 | 6.65 | 6.55 | 0215 | 96 |
| 12/14/16 | 6.80 | 1115 | 6.63 | 6.52 | 1700 | 96 |
| 12/15/16 | 6.67 | 1100 | 6.56 | 6.50 | 0230 | 96 |
| 12/16/16 | 6.63 | 0500 | 6.59 | 6.55 | 1900 | 96 |
| 12/17/16 | 6.63 | 1030 | 6.59 | 6.52 | 2115 | 96 |
| 12/18/16 | 6.73 | 2015 | 6.64 | 6.56 | 0330 | 96 |
| 12/19/16 | 6.77 | 1000 | 6.63 | 6.54 | 0045 | 96 |
| 12/20/16 | 6.59 | 1130 | 6.56 | 6.54 | 1900 | 96 |
| 12/21/16 | 6.68 | 2030 | 6.59 | 6.53 | 0300 | 96 |
| 12/22/16 | 7.05 | 0000 | 6.85 | 6.52 | 0100 | 96 |
| 12/23/16 | 7.13 | 1000 | 7.07 | 6.96 | 0000 | 96 |
| 12/24/16 | 6.97 | 0300 | 6.79 | 6.61 | 0000 | 96 |
| 12/25/16 | 6.67 | 2000 | 6.63 | 6.57 | 1100 | 96 |
| 12/26/16 | 6.65 | 0100 | 6.62 | 6.54 | 1900 | 96 |
| 12/27/16 | 6.64 | 0300 | 6.58 | 6.55 | 1900 | 96 |
| 12/28/16 | 6.58 | 1945 | 6.56 | 6.51 | 1900 | 96 |
| 12/29/16 | 7.17 | 0000 | 6.94 | 6.52 | 0030 | 96 |
| 12/30/16 | 7.18 | 0015 | 6.96 | 6.70 | 1145 | 51 |
| 12/31/16 | 7.17 | 1015 | 7.13 | 7.06 | 0015 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 6.77 | | 6.67 | 6.57 | | |
| STD DEV.: | 0.19 | | 0.16 | 0.14 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM
MONTHLY SUMMARY REPORT FOR January 2017

STATION: Zero

PARAMETER: PH

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 01/01/17 | 7.22 | 1230 | 7.16 | 7.13 | 1615 | 96 |
| 01/02/17 | 7.22 | 1045 | 7.19 | 7.16 | 1630 | 96 |
| 01/03/17 | 7.19 | 0400 | 7.18 | 7.15 | 1100 | 96 |
| 01/04/17 | 7.18 | 1045 | 6.84 | 6.56 | 2145 | 96 |
| 01/05/17 | 6.64 | 1230 | 6.55 | 6.46 | 2330 | 96 |
| 01/06/17 | 6.47 | 0015 | 6.37 | 6.19 | 2300 | 95 |
| 01/07/17 | 6.29 | 0400 | 6.15 | 6.01 | 2015 | 95 |
| 01/08/17 | 6.07 | 0545 | 5.99 | 5.93 | 2200 | 96 |
| 01/09/17 | 6.08 | 1030 | 5.96 | 5.90 | 0115 | 96 |
| 01/10/17 | 6.04 | 0000 | 5.96 | 5.89 | 0100 | 96 |
| 01/11/17 | 6.80 | 2345 | 6.43 | 6.00 | 0100 | 95 |
| 01/12/17 | 6.87 | 0945 | 6.85 | 6.81 | 0015 | 96 |
| 01/13/17 | 7.02 | 2145 | 6.93 | 6.87 | 0015 | 96 |
| 01/14/17 | 7.01 | 0015 | 6.99 | 6.96 | 1600 | 96 |
| 01/15/17 | 7.02 | 2030 | 6.98 | 6.95 | 1600 | 96 |
| 01/16/17 | 7.00 | 0900 | 6.96 | 6.92 | 1715 | 96 |
| 01/17/17 | 6.97 | 0915 | 6.94 | 6.91 | 1500 | 96 |
| 01/18/17 | 6.95 | 1100 | 6.93 | 6.91 | 1430 | 96 |
| 01/19/17 | 6.92 | 0015 | 6.91 | 6.89 | 1700 | 96 |
| 01/20/17 | 6.99 | 1300 | 6.95 | 6.91 | 0100 | 96 |
| 01/21/17 | 6.98 | 1100 | 6.96 | 6.93 | 2230 | 96 |
| 01/22/17 | 6.98 | 1045 | 6.95 | 6.94 | 0015 | 96 |
| 01/23/17 | 6.96 | 2300 | 6.95 | 6.93 | 0945 | 96 |
| 01/24/17 | 6.99 | 1100 | 6.96 | 6.95 | 1745 | 96 |
| 01/25/17 | 6.99 | 1015 | 6.97 | 6.95 | 0745 | 96 |
| 01/26/17 | 7.02 | 1300 | 6.97 | 6.94 | 1630 | 96 |
| 01/27/17 | 6.98 | 0915 | 6.97 | 6.96 | 1945 | 96 |
| 01/28/17 | 6.99 | 1045 | 6.97 | 6.95 | 1815 | 96 |
| 01/29/17 | 7.00 | 1245 | 6.98 | 6.95 | 2045 | 96 |
| 01/30/17 | 7.01 | 0945 | 6.97 | 6.93 | 1745 | 96 |
| 01/31/17 | 7.06 | 1200 | 7.00 | 6.96 | 0100 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 6.87 | | 6.80 | 6.74 | | |
| STD DEV.: | 0.33 | | 0.36 | 0.40 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM
MONTHLY SUMMARY REPORT FOR February 2017

STATION: Zero

PARAMETER: PH

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 02/01/17 | 7.07 | 1415 | 7.03 | 7.00 | 0145 | 96 |
| 02/02/17 | 7.09 | 1030 | 6.73 | 6.41 | 1745 | 96 |
| 02/03/17 | 6.48 | 1000 | 6.44 | 6.42 | 1145 | 96 |
| 02/04/17 | 6.49 | 0930 | 6.45 | 6.41 | 1730 | 96 |
| 02/05/17 | 6.50 | 1015 | 6.41 | 6.31 | 2345 | 96 |
| 02/06/17 | 6.41 | 2030 | 6.32 | 6.21 | 0800 | 96 |
| 02/07/17 | 6.39 | 0030 | 6.32 | 5.99 | 0000 | 41 |
| 02/08/17 | 6.51 | 1215 | 6.46 | 6.42 | 2200 | 47 |
| 02/09/17 | 6.64 | 1015 | 6.56 | 6.49 | 0015 | 96 |
| 02/10/17 | 6.70 | 1030 | 6.62 | 6.53 | 2245 | 96 |
| 02/11/17 | 6.69 | 1245 | 6.65 | 6.55 | 0015 | 96 |
| 02/12/17 | 6.70 | 1545 | 6.65 | 6.56 | 2315 | 96 |
| 02/13/17 | 6.69 | 1115 | 6.64 | 6.58 | 1600 | 96 |
| 02/14/17 | 6.69 | 1015 | 6.59 | 6.49 | 2230 | 96 |
| 02/15/17 | 6.97 | 2315 | 6.83 | 6.54 | 0015 | 96 |
| 02/16/17 | 7.07 | 0000 | 7.01 | 6.98 | 0015 | 96 |
| 02/17/17 | 7.12 | 1230 | 7.03 | 6.95 | 1730 | 96 |
| 02/18/17 | 7.03 | 1230 | 6.97 | 6.93 | 2045 | 96 |
| 02/19/17 | 7.00 | 1245 | 6.94 | 6.89 | 1615 | 96 |
| 02/20/17 | 6.96 | 1000 | 6.92 | 6.90 | 1600 | 96 |
| 02/21/17 | 6.98 | 0945 | 6.75 | 6.41 | 1815 | 96 |
| 02/22/17 | 6.48 | 1245 | 6.43 | 6.39 | 1830 | 96 |
| 02/23/17 | 6.47 | 1100 | 6.42 | 6.38 | 1645 | 96 |
| 02/24/17 | 6.53 | 1100 | 6.40 | 6.36 | 1445 | 96 |
| 02/25/17 | 6.46 | 2215 | 6.40 | 6.32 | 1000 | 96 |
| 02/26/17 | 6.42 | 0930 | 6.38 | 6.33 | 2200 | 96 |
| 02/27/17 | 6.39 | 0445 | 6.26 | 6.08 | 2000 | 96 |
| 02/28/17 | 6.24 | 0900 | 6.17 | 6.06 | 1300 | 96 |
| | | | | | | |
| AVERAGE | 6.68 | | 6.60 | 6.50 | | |
| STD DEV.: | 0.27 | | 0.26 | 0.28 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM
MONTHLY SUMMARY REPORT FOR March 2017

STATION: Zero

PARAMETER: PH

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 03/01/17 | 6.20 | 0300 | 6.14 | 6.04 | 1215 | 96 |
| 03/02/17 | 6.21 | 0000 | 6.13 | 6.02 | 0945 | 96 |
| 03/03/17 | 7.55 | 1000 | 6.41 | 6.19 | 0245 | 96 |
| 03/04/17 | 6.62 | 2030 | 6.56 | 6.48 | 0115 | 96 |
| 03/05/17 | 6.69 | 2330 | 6.61 | 6.56 | 1415 | 96 |
| 03/06/17 | 6.72 | 0815 | 6.67 | 6.59 | 0945 | 96 |
| 03/07/17 | 6.69 | 0145 | 6.64 | 6.60 | 2300 | 96 |
| 03/08/17 | 6.63 | 0230 | 6.56 | 6.48 | 1630 | 96 |
| 03/09/17 | 6.56 | 2300 | 6.49 | 6.42 | 1200 | 96 |
| 03/10/17 | 6.60 | 0000 | 6.55 | 6.49 | 1945 | 96 |
| 03/11/17 | 6.77 | 2245 | 6.63 | 6.53 | 0115 | 96 |
| 03/12/17 | 6.79 | 0115 | 6.66 | 6.39 | 2345 | 96 |
| 03/13/17 | 6.42 | 0045 | 6.24 | 6.11 | 2000 | 96 |
| 03/14/17 | 6.11 | 1615 | 6.07 | 6.03 | 1315 | 96 |
| 03/15/17 | 6.17 | 2030 | 6.14 | 6.09 | 0615 | 96 |
| 03/16/17 | 6.30 | 1330 | 6.22 | 6.12 | 0700 | 96 |
| 03/17/17 | 6.23 | 0130 | 6.17 | 6.12 | 0845 | 96 |
| 03/18/17 | 6.25 | 1215 | 6.18 | 6.12 | 1715 | 96 |
| 03/19/17 | 6.65 | 1300 | 6.49 | 6.19 | 0045 | 96 |
| 03/20/17 | 6.87 | 0945 | 6.22 | 6.14 | 2245 | 96 |
| 03/21/17 | 6.28 | 1430 | 6.18 | 6.09 | 1230 | 96 |
| 03/22/17 | 6.64 | 2345 | 6.34 | 6.10 | 0545 | 96 |
| 03/23/17 | 6.71 | 0545 | 6.35 | 6.10 | 1700 | 96 |
| 03/24/17 | 6.21 | 0200 | 6.16 | 6.12 | 1030 | 96 |
| 03/25/17 | 6.15 | 2145 | 6.11 | 6.08 | 1715 | 96 |
| 03/26/17 | 6.16 | 0100 | 6.12 | 6.08 | 1515 | 96 |
| 03/27/17 | 6.15 | 1100 | 6.11 | 6.06 | 2345 | 96 |
| 03/28/17 | 6.12 | 0800 | 6.08 | 6.01 | 1000 | 96 |
| 03/29/17 | 6.08 | 0215 | 6.05 | 5.97 | 1100 | 96 |
| 03/30/17 | 6.10 | 1245 | 6.06 | 5.98 | 2100 | 96 |
| 03/31/17 | 6.09 | 1700 | 6.04 | 5.99 | 0800 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 6.44 | | 6.30 | 6.20 | | |
| STD DEV.: | 0.33 | | 0.22 | 0.21 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM
MONTHLY SUMMARY REPORT FOR April 2017

STATION: Zero

PARAMETER: PH

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 04/01/17 | 6.10 | 0200 | 6.08 | 6.06 | 0030 | 15 |
| 04/02/17 | 6.40 | 1500 | 6.40 | 6.40 | 1500 | 1 |
| 04/03/17 | 6.51 | 1230 | 6.43 | 6.36 | 2045 | 52 |
| 04/04/17 | 6.44 | 1345 | 6.37 | 6.32 | 0130 | 96 |
| 04/05/17 | 6.42 | 1445 | 6.38 | 6.34 | 0645 | 96 |
| 04/06/17 | 6.44 | 0800 | 6.36 | 6.26 | 0615 | 96 |
| 04/07/17 | 6.41 | 2200 | 6.32 | 6.20 | 1815 | 96 |
| 04/08/17 | 6.42 | 0800 | 6.34 | 6.20 | 1800 | 96 |
| 04/09/17 | 6.52 | 1545 | 6.37 | 6.22 | 0915 | 96 |
| 04/10/17 | 6.51 | 0845 | 6.40 | 6.33 | 1300 | 96 |
| 04/11/17 | 6.52 | 0915 | 6.40 | 6.27 | 2030 | 96 |
| 04/12/17 | 7.17 | 1200 | 6.43 | 6.16 | 1245 | 96 |
| 04/13/17 | 6.79 | 0000 | 6.49 | 6.23 | 0800 | 40 |
| 04/14/17 | 6.45 | 2115 | 6.39 | 6.22 | 1400 | 42 |
| 04/15/17 | 6.46 | 0730 | 6.38 | 6.28 | 1130 | 96 |
| 04/16/17 | 6.50 | 1130 | 6.39 | 6.23 | 0130 | 96 |
| 04/17/17 | 6.63 | 1630 | 6.38 | 6.13 | 1100 | 96 |
| 04/18/17 | 6.55 | 0130 | 6.44 | 6.23 | 2345 | 96 |
| 04/19/17 | 6.46 | 0830 | 6.36 | 6.24 | 0130 | 96 |
| 04/20/17 | 6.48 | 0845 | 6.23 | 5.87 | 2230 | 89 |
| 04/21/17 | 6.27 | 0615 | 5.84 | 5.69 | 0730 | 36 |
| 04/25/17 | 6.64 | 1330 | 6.52 | 6.26 | 2015 | 55 |
| 04/26/17 | 6.67 | 1830 | 6.49 | 6.02 | 0030 | 96 |
| 04/27/17 | 6.78 | 1430 | 6.55 | 6.25 | 0045 | 96 |
| 04/28/17 | 6.62 | 1745 | 6.44 | 6.23 | 1115 | 96 |
| 04/29/17 | 6.72 | 1445 | 6.47 | 6.00 | 1115 | 96 |
| 04/30/17 | 6.66 | 1515 | 6.55 | 6.06 | 0430 | 85 |
| AVERAGE | 6.54 | | 6.38 | 6.19 | | |
| STD DEV.: | 0.19 | | 0.14 | 0.16 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM
MONTHLY SUMMARY REPORT FOR May 2017

STATION: Zero

PARAMETER: PH

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 05/01/17 | 7.01 | 1830 | 6.82 | 6.46 | 0400 | 65 |
| 05/02/17 | 6.97 | 0015 | 6.78 | 6.60 | 1015 | 96 |
| 05/03/17 | 7.09 | 0945 | 6.75 | 6.68 | 0330 | 96 |
| 05/04/17 | 6.75 | 1745 | 6.70 | 6.65 | 1315 | 96 |
| 05/05/17 | 6.67 | 0015 | 6.61 | 6.54 | 0715 | 96 |
| 05/06/17 | 6.65 | 2015 | 6.60 | 6.54 | 1200 | 96 |
| 05/07/17 | 6.69 | 1745 | 6.63 | 6.55 | 1315 | 96 |
| 05/08/17 | 6.70 | 2200 | 6.67 | 6.62 | 0900 | 96 |
| 05/09/17 | 6.72 | 1700 | 6.67 | 6.63 | 2345 | 96 |
| 05/10/17 | 6.66 | 1815 | 6.63 | 6.59 | 0930 | 96 |
| 05/11/17 | 6.62 | 1730 | 6.58 | 6.55 | 0000 | 96 |
| 05/12/17 | 7.00 | 1315 | 6.54 | 6.50 | 1300 | 96 |
| 05/13/17 | 6.61 | 1945 | 6.52 | 6.46 | 0915 | 96 |
| 05/14/17 | 6.73 | 2300 | 6.66 | 6.54 | 0200 | 96 |
| 05/15/17 | 6.77 | 0345 | 6.71 | 6.61 | 0000 | 96 |
| 05/16/17 | 6.64 | 0145 | 6.59 | 6.55 | 1400 | 96 |
| 05/17/17 | 6.60 | 0000 | 6.57 | 6.49 | 1115 | 96 |
| 05/18/17 | 6.60 | 0100 | 6.52 | 6.45 | 2215 | 96 |
| 05/19/17 | 6.46 | 0100 | 6.43 | 6.39 | 2300 | 92 |
| 05/20/17 | 6.45 | 1915 | 6.41 | 6.36 | 1230 | 96 |
| 05/21/17 | 6.46 | 1130 | 6.42 | 6.35 | 1730 | 96 |
| 05/22/17 | 6.43 | 1315 | 6.39 | 6.35 | 0700 | 96 |
| 05/23/17 | 6.43 | 2015 | 6.38 | 6.34 | 0845 | 96 |
| 05/24/17 | 6.62 | 2345 | 6.48 | 6.35 | 0200 | 96 |
| 05/25/17 | 6.61 | 0015 | 6.55 | 6.52 | 2215 | 96 |
| 05/26/17 | 6.61 | 1515 | 6.55 | 6.50 | 0930 | 96 |
| 05/27/17 | 6.71 | 0945 | 6.63 | 6.58 | 0030 | 96 |
| 05/28/17 | 6.75 | 1630 | 6.66 | 6.60 | 0345 | 96 |
| 05/29/17 | 6.74 | 1630 | 6.68 | 6.59 | 0000 | 96 |
| 05/30/17 | 6.66 | 1445 | 6.59 | 6.53 | 2030 | 96 |
| 05/31/17 | 6.56 | 2330 | 6.52 | 6.48 | 2015 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 6.68 | | 6.59 | 6.51 | | |
| STD DEV.: | 0.17 | | 0.11 | 0.10 | | |

Station S-0
Temperature

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PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR June 2016

STATION: Zero

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 06/01/16 | 22.43 | 1315 | 21.49 | 20.62 | 0145 | 96 |
| 06/02/16 | 21.89 | 0145 | 21.62 | 21.23 | 0945 | 96 |
| 06/03/16 | 21.68 | 1830 | 21.36 | 21.07 | 0745 | 96 |
| 06/04/16 | 22.38 | 1530 | 21.66 | 21.21 | 0645 | 96 |
| 06/05/16 | 21.94 | 0545 | 21.63 | 20.89 | 2330 | 96 |
| 06/06/16 | 22.21 | 1830 | 21.41 | 20.75 | 0545 | 96 |
| 06/07/16 | 22.04 | 1600 | 21.60 | 21.35 | 0000 | 96 |
| 06/08/16 | 21.93 | 1300 | 21.39 | 20.64 | 0000 | 96 |
| 06/09/16 | 20.62 | 0015 | 19.71 | 18.44 | 0000 | 96 |
| 06/10/16 | 18.81 | 1530 | 18.22 | 17.35 | 0615 | 96 |
| 06/11/16 | 18.51 | 2045 | 18.27 | 17.91 | 0730 | 96 |
| 06/12/16 | 19.77 | 1415 | 18.76 | 17.92 | 0000 | 96 |
| 06/13/16 | 18.29 | 1415 | 17.74 | 17.17 | 0545 | 96 |
| 06/14/16 | 18.68 | 1430 | 17.95 | 17.10 | 0500 | 96 |
| 06/15/16 | 19.63 | 2015 | 18.69 | 17.96 | 0630 | 96 |
| 06/16/16 | 19.87 | 1600 | 19.35 | 18.90 | 0715 | 96 |
| 06/17/16 | 21.40 | 1615 | 20.38 | 19.46 | 0115 | 96 |
| 06/18/16 | 21.55 | 1515 | 20.86 | 20.35 | 0245 | 96 |
| 06/19/16 | 21.57 | 1445 | 20.97 | 20.66 | 0645 | 96 |
| 06/20/16 | 22.68 | 2130 | 21.40 | 20.76 | 0115 | 96 |
| 06/21/16 | 24.07 | 1630 | 22.67 | 21.28 | 0300 | 96 |
| 06/22/16 | 23.13 | 0015 | 22.56 | 22.12 | 0215 | 96 |
| 06/23/16 | 22.73 | 2130 | 22.03 | 21.53 | 0800 | 96 |
| 06/24/16 | 22.56 | 1830 | 22.06 | 21.52 | 0715 | 96 |
| 06/25/16 | 22.64 | 1915 | 22.08 | 21.44 | 0830 | 96 |
| 06/26/16 | 23.15 | 1900 | 22.39 | 21.53 | 0645 | 96 |
| 06/27/16 | 24.90 | 1415 | 23.87 | 22.98 | 0015 | 96 |
| 06/28/16 | 24.76 | 1415 | 24.27 | 23.85 | 0745 | 96 |
| 06/29/16 | 24.78 | 1815 | 24.05 | 23.54 | 0630 | 96 |
| 06/30/16 | 25.36 | 1630 | 24.59 | 23.67 | 0700 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 21.87 | | 21.17 | 20.51 | | |
| STD DEV.: | 1.93 | | 1.89 | 1.92 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR July 2016

STATION: Zero

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 07/01/16 | 25.82 | 1630 | 24.79 | 23.96 | 0800 | 96 |
| 07/02/16 | 25.54 | 1800 | 24.80 | 24.20 | 0700 | 96 |
| 07/03/16 | 24.87 | 1815 | 24.03 | 23.04 | 0715 | 96 |
| 07/04/16 | 24.87 | 1845 | 24.17 | 23.27 | 0730 | 96 |
| 07/05/16 | 31.46 | 2330 | 25.49 | 24.17 | 0645 | 96 |
| 07/06/16 | 32.87 | 1900 | 29.91 | 26.38 | 0730 | 96 |
| 07/07/16 | 32.95 | 1545 | 32.09 | 31.62 | 0000 | 96 |
| 07/08/16 | 31.60 | 0015 | 29.46 | 25.05 | 2245 | 96 |
| 07/09/16 | 25.10 | 0030 | 24.23 | 23.33 | 0000 | 96 |
| 07/10/16 | 23.31 | 0015 | 22.96 | 22.71 | 0500 | 72 |
| 07/11/16 | 23.85 | 1730 | 22.98 | 22.16 | 0530 | 96 |
| 07/12/16 | 24.17 | 1600 | 23.41 | 22.35 | 0645 | 96 |
| 07/13/16 | 29.50 | 1715 | 26.04 | 23.74 | 0530 | 96 |
| 07/14/16 | 29.91 | 1900 | 28.55 | 27.16 | 0615 | 96 |
| 07/15/16 | 30.34 | 2100 | 29.03 | 27.92 | 0615 | 96 |
| 07/16/16 | 29.87 | 0015 | 27.44 | 26.68 | 1015 | 96 |
| 07/17/16 | 27.03 | 1415 | 26.53 | 25.93 | 0615 | 96 |
| 07/18/16 | 27.30 | 1400 | 26.67 | 26.04 | 0730 | 96 |
| 07/19/16 | 27.15 | 1330 | 26.43 | 25.28 | 0000 | 96 |
| 07/20/16 | 25.99 | 1900 | 25.13 | 24.39 | 0730 | 96 |
| 07/21/16 | 32.28 | 1830 | 27.25 | 24.14 | 0715 | 96 |
| 07/22/16 | 32.40 | 2130 | 31.26 | 29.90 | 0630 | 96 |
| 07/23/16 | 31.85 | 0015 | 26.75 | 24.83 | 0900 | 96 |
| 07/24/16 | 26.55 | 1645 | 26.11 | 25.54 | 0745 | 96 |
| 07/25/16 | 33.16 | 1515 | 30.86 | 26.12 | 0215 | 96 |
| 07/26/16 | 32.51 | 1845 | 32.04 | 31.71 | 0615 | 96 |
| 07/27/16 | 33.25 | 1915 | 32.18 | 31.50 | 0545 | 96 |
| 07/28/16 | 33.29 | 1700 | 32.58 | 31.67 | 0615 | 96 |
| 07/29/16 | 32.94 | 0030 | 28.03 | 25.90 | 1030 | 96 |
| 07/30/16 | 27.98 | 1530 | 27.29 | 26.71 | 0730 | 96 |
| 07/31/16 | 27.24 | 0015 | 26.52 | 26.03 | 0000 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 28.93 | | 27.26 | 25.92 | | |
| STD DEV.: | 3.38 | | 2.89 | 2.80 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR August 2016

STATION: Zero

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 08/01/16 | 26.01 | 0015 | 25.55 | 25.05 | 0000 | 96 |
| 08/02/16 | 25.52 | 1600 | 25.06 | 24.64 | 0745 | 96 |
| 08/03/16 | 25.71 | 1815 | 25.13 | 24.44 | 0900 | 96 |
| 08/04/16 | 26.06 | 1845 | 25.34 | 24.54 | 0800 | 96 |
| 08/05/16 | 26.30 | 2245 | 25.69 | 24.81 | 0800 | 96 |
| 08/06/16 | 27.15 | 1530 | 26.19 | 25.60 | 0700 | 96 |
| 08/07/16 | 27.06 | 1645 | 26.18 | 25.57 | 0815 | 96 |
| 08/08/16 | 26.98 | 1645 | 25.99 | 25.06 | 0700 | 96 |
| 08/09/16 | 26.47 | 1745 | 25.80 | 24.89 | 0815 | 96 |
| 08/10/16 | 26.18 | 0015 | 25.65 | 25.45 | 0800 | 96 |
| 08/11/16 | 33.21 | 1645 | 30.86 | 25.75 | 0015 | 96 |
| 08/12/16 | 33.30 | 1530 | 32.78 | 32.23 | 0730 | 89 |
| 08/13/16 | 32.95 | 0045 | 32.17 | 31.66 | 0000 | 96 |
| 08/14/16 | 33.21 | 1715 | 32.27 | 31.56 | 0500 | 96 |
| 08/15/16 | 32.21 | 0015 | 27.69 | 26.42 | 0000 | 96 |
| 08/16/16 | 31.93 | 2130 | 29.25 | 25.94 | 0330 | 96 |
| 08/17/16 | 31.80 | 0945 | 31.14 | 30.35 | 0545 | 91 |
| 08/18/16 | 32.11 | 1645 | 31.24 | 30.10 | 0700 | 96 |
| 08/19/16 | 31.63 | 0015 | 26.66 | 24.39 | 0845 | 96 |
| 08/20/16 | 25.84 | 1715 | 25.26 | 24.58 | 0915 | 96 |
| 08/21/16 | 26.63 | 1500 | 25.53 | 24.71 | 0815 | 96 |
| 08/22/16 | 26.16 | 1445 | 25.25 | 24.10 | 0000 | 96 |
| 08/23/16 | 25.06 | 1800 | 24.11 | 23.05 | 0800 | 96 |
| 08/24/16 | 25.00 | 2200 | 24.46 | 23.67 | 0830 | 96 |
| 08/25/16 | 26.02 | 1400 | 24.94 | 23.97 | 0800 | 96 |
| 08/26/16 | 25.56 | 1715 | 25.06 | 24.44 | 0930 | 96 |
| 08/27/16 | 26.02 | 1745 | 25.32 | 24.65 | 0800 | 96 |
| 08/28/16 | 26.74 | 1530 | 25.72 | 24.90 | 0830 | 96 |
| 08/29/16 | 26.39 | 1530 | 25.49 | 24.56 | 2330 | 96 |
| 08/30/16 | 25.46 | 1630 | 24.41 | 23.41 | 0815 | 96 |
| 08/31/16 | 24.92 | 1730 | 24.56 | 24.07 | 0830 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 27.92 | | 26.80 | 25.76 | | |
| STD DEV.: | 3.03 | | 2.66 | 2.54 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR September 2016

STATION: Zero

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 09/01/16 | 25.32 | 1545 | 24.58 | 24.08 | 0800 | 96 |
| 09/02/16 | 24.76 | 1630 | 23.84 | 23.00 | 0745 | 96 |
| 09/03/16 | 23.82 | 2030 | 23.30 | 22.59 | 0745 | 96 |
| 09/04/16 | 23.70 | 1615 | 23.08 | 22.26 | 0745 | 96 |
| 09/05/16 | 23.06 | 0030 | 22.54 | 21.92 | 0830 | 96 |
| 09/06/16 | 22.73 | 1630 | 22.46 | 22.09 | 0830 | 96 |
| 09/07/16 | 22.87 | 2015 | 22.62 | 22.40 | 1000 | 96 |
| 09/08/16 | 23.30 | 2215 | 22.84 | 22.39 | 0800 | 96 |
| 09/09/16 | 28.93 | 2230 | 25.38 | 23.17 | 0600 | 96 |
| 09/10/16 | 29.06 | 1645 | 28.39 | 27.38 | 0800 | 96 |
| 09/11/16 | 28.33 | 0015 | 26.07 | 22.87 | 0000 | 96 |
| 09/12/16 | 24.05 | 1545 | 22.97 | 22.17 | 0730 | 96 |
| 09/13/16 | 23.96 | 1745 | 22.78 | 21.75 | 0815 | 96 |
| 09/14/16 | 23.61 | 1600 | 22.88 | 22.36 | 0000 | 96 |
| 09/15/16 | 22.51 | 1630 | 21.79 | 20.88 | 0800 | 96 |
| 09/16/16 | 22.32 | 1630 | 21.27 | 20.46 | 0815 | 96 |
| 09/17/16 | 22.24 | 1545 | 21.22 | 20.37 | 0745 | 96 |
| 09/18/16 | 21.44 | 2115 | 21.25 | 21.01 | 0700 | 96 |
| 09/19/16 | 21.56 | 1045 | 21.28 | 21.04 | 2345 | 96 |
| 09/20/16 | 22.46 | 1845 | 21.73 | 20.91 | 0745 | 96 |
| 09/21/16 | 22.63 | 1700 | 22.12 | 21.60 | 0730 | 96 |
| 09/22/16 | 22.28 | 2130 | 21.84 | 21.26 | 0830 | 96 |
| 09/23/16 | 22.12 | 0015 | 21.80 | 21.31 | 0000 | 96 |
| 09/24/16 | 21.33 | 1445 | 20.85 | 20.07 | 0000 | 96 |
| 09/25/16 | 20.03 | 0030 | 19.43 | 18.87 | 0000 | 96 |
| 09/26/16 | 18.89 | 1930 | 18.42 | 17.75 | 0815 | 96 |
| 09/27/16 | 19.20 | 1645 | 18.75 | 18.37 | 0645 | 96 |
| 09/28/16 | 18.75 | 0015 | 18.27 | 17.52 | 0000 | 96 |
| 09/29/16 | 17.88 | 1500 | 17.37 | 16.77 | 0815 | 96 |
| 09/30/16 | 17.39 | 0015 | 16.85 | 16.49 | 0900 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 22.68 | | 21.93 | 21.17 | | |
| STD DEV.: | 2.85 | | 2.50 | 2.27 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR October 2016

STATION: Zero

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 10/01/16 | 16.75 | 0030 | 16.46 | 16.25 | 0000 | 96 |
| 10/02/16 | 16.25 | 0015 | 16.08 | 15.95 | 0815 | 96 |
| 10/03/16 | 16.67 | 2000 | 16.20 | 15.80 | 0700 | 96 |
| 10/04/16 | 17.04 | 1530 | 16.74 | 16.48 | 0830 | 96 |
| 10/05/16 | 16.87 | 1530 | 16.44 | 15.97 | 0845 | 96 |
| 10/06/16 | 16.99 | 1500 | 16.46 | 15.88 | 0815 | 96 |
| 10/07/16 | 17.13 | 1915 | 16.76 | 16.30 | 0800 | 96 |
| 10/08/16 | 17.23 | 1500 | 16.91 | 16.53 | 0800 | 96 |
| 10/09/16 | 17.07 | 0015 | 16.69 | 16.08 | 2345 | 96 |
| 10/10/16 | 16.04 | 0015 | 15.31 | 14.75 | 0000 | 96 |
| 10/11/16 | 14.81 | 2115 | 14.45 | 13.93 | 0830 | 96 |
| 10/12/16 | 15.17 | 1445 | 14.56 | 14.11 | 0800 | 96 |
| 10/13/16 | 15.14 | 1145 | 14.47 | 14.18 | 0630 | 96 |
| 10/14/16 | 14.32 | 1515 | 13.77 | 13.31 | 0000 | 96 |
| 10/15/16 | 13.36 | 1600 | 13.02 | 12.47 | 0830 | 96 |
| 10/16/16 | 13.14 | 0000 | 12.83 | 12.49 | 0730 | 96 |
| 10/17/16 | 14.23 | 1730 | 13.55 | 12.98 | 0815 | 96 |
| 10/18/16 | 14.61 | 1330 | 14.20 | 13.90 | 0100 | 96 |
| 10/19/16 | 15.26 | 1615 | 14.44 | 13.87 | 0600 | 96 |
| 10/20/16 | 14.89 | 1230 | 14.33 | 13.85 | 0615 | 96 |
| 10/21/16 | 14.86 | 2045 | 14.42 | 14.12 | 0730 | 96 |
| 10/22/16 | 15.21 | 1415 | 14.93 | 14.35 | 0000 | 96 |
| 10/23/16 | 14.36 | 0015 | 13.82 | 13.12 | 2330 | 96 |
| 10/24/16 | 13.49 | 1445 | 13.05 | 12.55 | 0000 | 96 |
| 10/25/16 | 12.54 | 0015 | 11.89 | 10.46 | 0000 | 96 |
| 10/26/16 | 10.82 | 1345 | 10.17 | 9.53 | 0000 | 96 |
| 10/27/16 | 9.91 | 0200 | 9.45 | 9.26 | 2330 | 96 |
| 10/28/16 | 9.63 | 1115 | 9.22 | 8.74 | 2330 | 96 |
| 10/29/16 | 8.90 | 1745 | 8.57 | 8.37 | 0745 | 96 |
| 10/30/16 | 9.01 | 1515 | 8.81 | 8.56 | 0845 | 96 |
| 10/31/16 | 8.99 | 1315 | 8.64 | 8.23 | 2345 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 14.22 | | 13.76 | 13.30 | | |
| STD DEV.: | 2.66 | | 2.66 | 2.67 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR November 2016

STATION: Zero

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 11/01/16 | 9.17 | 1430 | 8.27 | 7.86 | 0000 | 96 |
| 11/02/16 | 8.48 | 1415 | 8.05 | 7.67 | 0730 | 96 |
| 11/03/16 | 8.86 | 0300 | 8.22 | 7.96 | 0900 | 96 |
| 11/04/16 | 8.54 | 1315 | 8.00 | 7.41 | 0000 | 96 |
| 11/05/16 | 8.52 | 2300 | 7.40 | 7.02 | 0845 | 96 |
| 11/06/16 | 8.44 | 1600 | 7.97 | 7.36 | 0715 | 96 |
| 11/07/16 | 8.18 | 1545 | 7.72 | 6.99 | 0700 | 96 |
| 11/08/16 | 8.68 | 1600 | 7.48 | 7.09 | 2030 | 96 |
| 11/09/16 | 7.94 | 2000 | 7.05 | 6.58 | 0745 | 96 |
| 11/10/16 | 7.42 | 1530 | 6.85 | 6.22 | 0800 | 96 |
| 11/11/16 | 7.08 | 1430 | 6.76 | 6.45 | 2345 | 96 |
| 11/12/16 | 6.41 | 0030 | 5.71 | 5.10 | 0900 | 96 |
| 11/13/16 | 6.63 | 1415 | 6.10 | 5.61 | 0530 | 96 |
| 11/14/16 | 6.37 | 0015 | 5.97 | 5.52 | 0845 | 96 |
| 11/15/16 | 6.68 | 2330 | 6.38 | 5.93 | 0100 | 96 |
| 11/16/16 | 7.15 | 2215 | 6.61 | 6.36 | 0645 | 96 |
| 11/17/16 | 7.57 | 1430 | 7.17 | 6.83 | 0000 | 96 |
| 11/18/16 | 7.63 | 2330 | 7.02 | 6.31 | 0815 | 96 |
| 11/19/16 | 7.59 | 0015 | 7.07 | 6.59 | 1845 | 96 |
| 11/20/16 | 7.62 | 1115 | 7.16 | 6.57 | 0000 | 96 |
| 11/21/16 | 6.66 | 0230 | 6.29 | 6.03 | 1900 | 96 |
| 11/22/16 | 6.07 | 0200 | 5.23 | 4.39 | 0000 | 96 |
| 11/23/16 | 4.41 | 1430 | 4.09 | 3.79 | 0900 | 96 |
| 11/24/16 | 4.68 | 2145 | 4.32 | 3.85 | 0030 | 96 |
| 11/25/16 | 4.44 | 1200 | 4.26 | 4.08 | 0145 | 96 |
| 11/26/16 | 4.52 | 2045 | 4.35 | 4.15 | 0915 | 96 |
| 11/27/16 | 4.53 | 0345 | 4.33 | 3.86 | 0000 | 96 |
| 11/28/16 | 4.21 | 0000 | 3.85 | 3.52 | 0745 | 96 |
| 11/29/16 | 5.73 | 0600 | 4.26 | 3.50 | 2330 | 96 |
| 11/30/16 | 8.40 | 1530 | 6.76 | 3.50 | 0015 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 6.95 | | 6.36 | 5.80 | | |
| STD DEV.: | 1.53 | | 1.41 | 1.46 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR December 2016

STATION: Zero

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 12/01/16 | 8.78 | 1445 | 8.43 | 8.14 | 0100 | 96 |
| 12/02/16 | 11.35 | 1615 | 10.04 | 7.97 | 0515 | 96 |
| 12/03/16 | 11.05 | 1130 | 10.93 | 10.73 | 2245 | 96 |
| 12/04/16 | 11.29 | 1615 | 11.01 | 10.70 | 0100 | 96 |
| 12/05/16 | 12.90 | 2115 | 11.81 | 11.18 | 0015 | 96 |
| 12/06/16 | 12.53 | 0015 | 11.26 | 10.89 | 2345 | 96 |
| 12/07/16 | 11.00 | 2130 | 10.86 | 10.60 | 1015 | 96 |
| 12/08/16 | 11.26 | 1500 | 11.05 | 10.89 | 0000 | 96 |
| 12/09/16 | 10.88 | 0015 | 8.81 | 6.59 | 1330 | 96 |
| 12/10/16 | 12.87 | 2145 | 10.44 | 8.68 | 0900 | 96 |
| 12/11/16 | 12.68 | 2300 | 10.14 | 8.10 | 1815 | 96 |
| 12/12/16 | 13.11 | 1615 | 11.59 | 7.80 | 0815 | 96 |
| 12/13/16 | 13.07 | 2145 | 10.95 | 7.77 | 0815 | 96 |
| 12/14/16 | 13.03 | 0000 | 10.36 | 8.06 | 0830 | 96 |
| 12/15/16 | 13.07 | 0030 | 11.80 | 8.42 | 0915 | 96 |
| 12/16/16 | 12.87 | 1445 | 12.33 | 10.94 | 0400 | 96 |
| 12/17/16 | 12.66 | 0600 | 12.10 | 8.88 | 2300 | 96 |
| 12/18/16 | 11.99 | 2215 | 9.18 | 8.04 | 0900 | 96 |
| 12/19/16 | 13.09 | 1430 | 10.95 | 7.73 | 0900 | 96 |
| 12/20/16 | 13.54 | 1500 | 13.20 | 12.78 | 0915 | 96 |
| 12/21/16 | 13.33 | 0030 | 11.21 | 8.68 | 1700 | 96 |
| 12/22/16 | 11.87 | 0015 | 2.45 | 0.35 | 0000 | 96 |
| 12/23/16 | 3.69 | 0000 | 0.76 | 0.17 | 0630 | 96 |
| 12/24/16 | 10.29 | 2045 | 6.79 | 3.81 | 0015 | 96 |
| 12/25/16 | 10.09 | 0015 | 9.49 | 9.14 | 1845 | 96 |
| 12/26/16 | 10.46 | 0000 | 9.87 | 9.31 | 0015 | 96 |
| 12/27/16 | 11.69 | 1500 | 11.19 | 10.47 | 0015 | 96 |
| 12/28/16 | 10.96 | 0015 | 8.77 | 4.04 | 0000 | 96 |
| 12/29/16 | 5.07 | 0830 | 3.25 | 0.98 | 0000 | 96 |
| 12/30/16 | 3.22 | 0800 | 2.54 | 0.89 | 0015 | 66 |
| 12/31/16 | 2.90 | 0215 | 2.47 | 1.99 | 2030 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 10.86 | | 9.23 | 7.57 | | |
| STD DEV.: | 3.03 | | 3.36 | 3.54 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR January 2017

STATION: Zero

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 01/01/17 | 3.51 | 2300 | 2.81 | 2.08 | 0815 | 96 |
| 01/02/17 | 3.53 | 0145 | 2.98 | 2.12 | 1200 | 96 |
| 01/03/17 | 3.64 | 0345 | 2.99 | 1.64 | 1015 | 96 |
| 01/04/17 | 3.35 | 0245 | 2.20 | 1.53 | 1030 | 96 |
| 01/05/17 | 3.53 | 2130 | 2.07 | 0.76 | 0545 | 96 |
| 01/06/17 | 6.82 | 1945 | 3.64 | 1.62 | 0915 | 96 |
| 01/07/17 | 12.47 | 2345 | 9.14 | 4.84 | 0300 | 96 |
| 01/08/17 | 12.64 | 1500 | 12.16 | 9.99 | 0400 | 96 |
| 01/09/17 | 12.97 | 1615 | 11.25 | 8.18 | 0830 | 96 |
| 01/10/17 | 12.84 | 1315 | 10.63 | 8.04 | 2030 | 96 |
| 01/11/17 | 8.13 | 0015 | 2.10 | 0.40 | 0000 | 96 |
| 01/12/17 | 0.61 | 2000 | 0.45 | 0.29 | 0415 | 96 |
| 01/13/17 | 0.64 | 1500 | 0.36 | 0.01 | 2130 | 86 |
| 01/14/17 | 0.32 | 1730 | 0.21 | 0.00 | 0745 | 66 |
| 01/15/17 | 0.40 | 1500 | 0.24 | 0.11 | 0730 | 96 |
| 01/16/17 | 0.38 | 1430 | 0.23 | 0.11 | 0830 | 96 |
| 01/17/17 | 0.37 | 1500 | 0.22 | 0.11 | 0745 | 96 |
| 01/18/17 | 0.17 | 1530 | 0.13 | 0.10 | 0000 | 96 |
| 01/19/17 | 0.27 | 1415 | 0.15 | 0.08 | 0645 | 96 |
| 01/20/17 | 0.36 | 1445 | 0.23 | 0.10 | 0745 | 96 |
| 01/21/17 | 0.62 | 1730 | 0.42 | 0.24 | 0700 | 96 |
| 01/22/17 | 0.55 | 2230 | 0.47 | 0.42 | 0415 | 96 |
| 01/23/17 | 0.50 | 0015 | 0.42 | 0.35 | 2145 | 96 |
| 01/24/17 | 0.73 | 2145 | 0.61 | 0.46 | 0300 | 96 |
| 01/25/17 | 0.94 | 2315 | 0.76 | 0.61 | 1115 | 96 |
| 01/26/17 | 1.09 | 2100 | 0.92 | 0.77 | 1545 | 96 |
| 01/27/17 | 1.31 | 2200 | 0.94 | 0.64 | 1330 | 96 |
| 01/28/17 | 1.48 | 2300 | 1.16 | 0.86 | 1100 | 96 |
| 01/29/17 | 1.68 | 2115 | 1.35 | 0.86 | 0930 | 96 |
| 01/30/17 | 1.93 | 2315 | 1.63 | 1.48 | 0230 | 96 |
| 01/31/17 | 2.14 | 2200 | 1.87 | 1.55 | 0530 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 3.22 | | 2.41 | 1.62 | | |
| STD DEV.: | 4.17 | | 3.45 | 2.57 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR February 2017

STATION: Zero

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 02/01/17 | 2.32 | 2330 | 2.10 | 1.84 | 0645 | 96 |
| 02/02/17 | 2.36 | 1045 | 2.22 | 2.02 | 1400 | 96 |
| 02/03/17 | 2.42 | 0830 | 1.81 | 0.43 | 1530 | 96 |
| 02/04/17 | 2.64 | 1100 | 1.91 | 0.78 | 1815 | 96 |
| 02/05/17 | 2.30 | 1430 | 1.88 | 1.03 | 1100 | 96 |
| 02/06/17 | 1.72 | 0015 | 0.61 | 0.25 | 1645 | 96 |
| 02/07/17 | 8.69 | 2330 | 3.98 | 0.55 | 0015 | 96 |
| 02/08/17 | 13.10 | 1500 | 10.55 | 7.36 | 0315 | 96 |
| 02/09/17 | 12.10 | 1600 | 10.02 | 7.55 | 0745 | 96 |
| 02/10/17 | 10.32 | 1615 | 7.91 | 5.49 | 0330 | 96 |
| 02/11/17 | 7.70 | 1600 | 6.07 | 5.62 | 1100 | 96 |
| 02/12/17 | 9.11 | 2115 | 6.63 | 5.82 | 0230 | 96 |
| 02/13/17 | 9.81 | 1345 | 7.07 | 5.65 | 0400 | 96 |
| 02/14/17 | 11.38 | 1530 | 8.44 | 5.68 | 0200 | 96 |
| 02/15/17 | 7.14 | 0015 | 2.29 | 0.21 | 0000 | 96 |
| 02/16/17 | 0.72 | 1600 | 0.36 | 0.11 | 0800 | 96 |
| 02/17/17 | 1.19 | 2045 | 0.62 | 0.05 | 0530 | 96 |
| 02/18/17 | 1.62 | 0000 | 1.12 | 0.74 | 0145 | 96 |
| 02/19/17 | 1.95 | 2245 | 1.49 | 0.88 | 1715 | 96 |
| 02/20/17 | 2.30 | 2315 | 1.75 | 1.25 | 0730 | 96 |
| 02/21/17 | 2.52 | 0915 | 2.21 | 1.66 | 2030 | 96 |
| 02/22/17 | 2.62 | 0530 | 2.10 | 1.65 | 1130 | 96 |
| 02/23/17 | 2.64 | 1345 | 2.11 | 1.65 | 1945 | 96 |
| 02/24/17 | 2.73 | 0115 | 1.96 | 1.47 | 1130 | 96 |
| 02/25/17 | 2.88 | 0200 | 2.09 | 1.57 | 0945 | 96 |
| 02/26/17 | 2.21 | 0100 | 1.52 | 1.18 | 2315 | 96 |
| 02/27/17 | 1.68 | 0445 | 1.30 | 0.84 | 0745 | 96 |
| 02/28/17 | 2.43 | 2345 | 1.64 | 1.22 | 0715 | 96 |
| AVERAGE | 4.66 | | 3.35 | 2.31 | | |
| STD DEV.: | 3.87 | | 2.98 | 2.37 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR March 2017

STATION: Zero

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 03/01/17 | 2.53 | 0645 | 2.04 | 1.81 | 1130 | 96 |
| 03/02/17 | 2.72 | 1600 | 2.29 | 1.88 | 2345 | 96 |
| 03/03/17 | 4.25 | 1730 | 2.47 | 1.60 | 0430 | 96 |
| 03/04/17 | 2.20 | 0030 | 1.07 | 0.35 | 2130 | 96 |
| 03/05/17 | 1.09 | 1900 | 0.55 | 0.23 | 0900 | 96 |
| 03/06/17 | 1.24 | 2145 | 0.65 | 0.17 | 0530 | 96 |
| 03/07/17 | 1.36 | 2145 | 1.14 | 0.86 | 0530 | 96 |
| 03/08/17 | 2.22 | 2045 | 1.63 | 1.16 | 0015 | 96 |
| 03/09/17 | 3.02 | 1445 | 2.40 | 2.00 | 0845 | 96 |
| 03/10/17 | 2.72 | 1345 | 2.37 | 1.83 | 2330 | 96 |
| 03/11/17 | 2.17 | 0015 | 1.34 | 0.87 | 0900 | 96 |
| 03/12/17 | 5.48 | 2345 | 1.91 | 0.26 | 0900 | 96 |
| 03/13/17 | 11.75 | 1545 | 9.45 | 5.79 | 0015 | 96 |
| 03/14/17 | 10.57 | 0015 | 9.73 | 7.08 | 0000 | 96 |
| 03/15/17 | 8.77 | 0400 | 6.18 | 4.19 | 0215 | 96 |
| 03/16/17 | 8.18 | 0000 | 6.16 | 3.02 | 1000 | 96 |
| 03/17/17 | 10.13 | 1045 | 7.30 | 4.57 | 2300 | 96 |
| 03/18/17 | 4.87 | 0015 | 4.17 | 3.65 | 2330 | 96 |
| 03/19/17 | 5.37 | 2130 | 3.24 | 1.90 | 2015 | 96 |
| 03/20/17 | 5.28 | 2330 | 4.17 | 3.56 | 1030 | 96 |
| 03/21/17 | 5.68 | 1415 | 4.21 | 3.40 | 1445 | 96 |
| 03/22/17 | 4.64 | 1515 | 3.48 | 1.92 | 2300 | 96 |
| 03/23/17 | 3.39 | 2245 | 2.54 | 1.82 | 0030 | 96 |
| 03/24/17 | 4.14 | 0730 | 3.29 | 2.58 | 1115 | 96 |
| 03/25/17 | 4.05 | 1600 | 3.03 | 2.23 | 2045 | 96 |
| 03/26/17 | 4.12 | 1545 | 2.98 | 2.03 | 0615 | 96 |
| 03/27/17 | 4.12 | 0515 | 3.03 | 2.47 | 1015 | 96 |
| 03/28/17 | 2.87 | 0015 | 2.38 | 2.00 | 1045 | 96 |
| 03/29/17 | 3.36 | 0915 | 2.91 | 2.38 | 0130 | 96 |
| 03/30/17 | 3.91 | 1600 | 3.20 | 2.48 | 0530 | 96 |
| 03/31/17 | 3.47 | 0315 | 3.19 | 2.75 | 2115 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 4.51 | | 3.37 | 2.35 | | |
| STD DEV.: | 2.74 | | 2.26 | 1.56 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR April 2017

STATION: Zero

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 04/01/17 | 3.38 | 0015 | 2.28 | 1.60 | 1800 | 73 |
| 04/02/17 | 3.40 | 1530 | 2.75 | 1.97 | 0100 | 96 |
| 04/03/17 | 4.45 | 2215 | 3.58 | 2.80 | 0630 | 96 |
| 04/04/17 | 5.05 | 0930 | 4.19 | 3.26 | 2345 | 96 |
| 04/05/17 | 3.34 | 1345 | 3.12 | 2.93 | 0815 | 96 |
| 04/06/17 | 4.19 | 0745 | 3.01 | 2.64 | 2345 | 96 |
| 04/07/17 | 3.12 | 1645 | 2.82 | 2.44 | 0715 | 96 |
| 04/08/17 | 3.38 | 1600 | 2.99 | 2.63 | 0715 | 96 |
| 04/09/17 | 5.81 | 2015 | 4.09 | 3.05 | 0600 | 96 |
| 04/10/17 | 7.28 | 1430 | 5.78 | 4.76 | 0300 | 96 |
| 04/11/17 | 7.95 | 1945 | 6.82 | 5.58 | 0130 | 96 |
| 04/12/17 | 7.87 | 1800 | 7.38 | 6.93 | 1330 | 96 |
| 04/13/17 | 7.33 | 0345 | 6.78 | 6.22 | 1130 | 96 |
| 04/14/17 | 7.30 | 1945 | 6.61 | 5.57 | 0930 | 96 |
| 04/15/17 | 9.34 | 1200 | 7.55 | 6.42 | 0830 | 96 |
| 04/16/17 | 10.72 | 1700 | 8.73 | 7.19 | 0215 | 96 |
| 04/17/17 | 10.30 | 1715 | 9.29 | 8.37 | 0415 | 96 |
| 04/18/17 | 10.43 | 1500 | 9.53 | 9.07 | 0915 | 96 |
| 04/19/17 | 10.68 | 1015 | 9.39 | 8.92 | 2145 | 96 |
| 04/20/17 | 10.16 | 1415 | 9.36 | 8.89 | 0115 | 96 |
| 04/21/17 | 10.05 | 0815 | 9.01 | 8.53 | 0000 | 96 |
| 04/22/17 | 8.69 | 0015 | 8.45 | 8.16 | 1545 | 96 |
| 04/23/17 | 10.00 | 1730 | 8.70 | 7.81 | 0645 | 96 |
| 04/24/17 | 10.02 | 1415 | 9.29 | 8.78 | 0230 | 96 |
| 04/25/17 | 9.85 | 0630 | 9.53 | 9.19 | 2130 | 96 |
| 04/26/17 | 10.83 | 0730 | 9.44 | 8.85 | 0845 | 96 |
| 04/27/17 | 10.38 | 1645 | 9.98 | 9.63 | 0030 | 96 |
| 04/28/17 | 11.27 | 1645 | 10.57 | 10.03 | 0015 | 96 |
| 04/29/17 | 12.64 | 1915 | 11.37 | 10.57 | 0215 | 96 |
| 04/30/17 | 11.86 | 1145 | 11.28 | 10.89 | 2345 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 8.04 | | 7.12 | 6.46 | | |
| STD DEV.: | 3.00 | | 2.91 | 2.95 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR May 2017

STATION: Zero

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 05/01/17 | 11.05 | 0030 | 10.85 | 10.59 | 2345 | 96 |
| 05/02/17 | 11.82 | 2200 | 10.69 | 10.20 | 0945 | 96 |
| 05/03/17 | 11.69 | 1400 | 10.86 | 10.42 | 0645 | 96 |
| 05/04/17 | 11.74 | 1445 | 10.74 | 9.96 | 0730 | 96 |
| 05/05/17 | 11.83 | 1200 | 10.95 | 10.19 | 2345 | 96 |
| 05/06/17 | 10.90 | 1630 | 10.24 | 9.88 | 0615 | 96 |
| 05/07/17 | 11.53 | 1245 | 10.82 | 10.27 | 0515 | 96 |
| 05/08/17 | 11.19 | 1600 | 10.84 | 10.61 | 0615 | 96 |
| 05/09/17 | 11.00 | 1900 | 10.58 | 10.27 | 0530 | 96 |
| 05/10/17 | 11.13 | 1700 | 10.62 | 10.13 | 0745 | 96 |
| 05/11/17 | 11.49 | 1515 | 10.90 | 10.36 | 0830 | 96 |
| 05/12/17 | 12.21 | 1300 | 11.17 | 10.63 | 0530 | 96 |
| 05/13/17 | 11.81 | 1230 | 11.06 | 10.65 | 0600 | 96 |
| 05/14/17 | 11.25 | 0115 | 10.82 | 10.60 | 0000 | 96 |
| 05/15/17 | 10.75 | 1445 | 10.43 | 10.19 | 2330 | 96 |
| 05/16/17 | 12.71 | 1645 | 11.43 | 10.11 | 0545 | 96 |
| 05/17/17 | 12.51 | 0000 | 11.71 | 11.20 | 0300 | 96 |
| 05/18/17 | 19.71 | 2100 | 15.49 | 12.48 | 0045 | 96 |
| 05/19/17 | 23.52 | 1745 | 21.44 | 19.51 | 0345 | 92 |
| 05/20/17 | 22.01 | 0115 | 18.34 | 17.29 | 2345 | 96 |
| 05/21/17 | 17.45 | 1615 | 17.11 | 16.59 | 0745 | 96 |
| 05/22/17 | 17.52 | 0930 | 16.62 | 15.77 | 2345 | 96 |
| 05/23/17 | 17.34 | 1300 | 16.12 | 15.40 | 0645 | 96 |
| 05/24/17 | 16.30 | 0400 | 15.91 | 15.56 | 1545 | 96 |
| 05/25/17 | 15.97 | 1400 | 15.61 | 15.27 | 0000 | 96 |
| 05/26/17 | 15.25 | 0015 | 14.86 | 14.62 | 2115 | 96 |
| 05/27/17 | 15.65 | 1700 | 14.82 | 14.23 | 0745 | 96 |
| 05/28/17 | 15.81 | 0000 | 15.23 | 14.70 | 0530 | 96 |
| 05/29/17 | 15.76 | 0200 | 15.21 | 14.89 | 1945 | 96 |
| 05/30/17 | 16.21 | 1215 | 15.14 | 14.55 | 0730 | 96 |
| 05/31/17 | 15.70 | 1230 | 15.07 | 14.61 | 2015 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 14.22 | | 13.28 | 12.64 | | |
| STD DEV.: | 3.44 | | 2.96 | 2.77 | | |

Station N-5
Dissolved Oxygen

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PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR June 2016

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 06/01/16 | 11.51 | 0715 | 10.04 | 8.46 | 2330 | 96 |
| 06/02/16 | 9.78 | 1345 | 8.53 | 7.73 | 0000 | 96 |
| 06/03/16 | 8.67 | 1645 | 7.72 | 7.17 | 0945 | 96 |
| 06/04/16 | 8.47 | 1600 | 7.62 | 6.82 | 0515 | 96 |
| 06/05/16 | 7.99 | 1415 | 7.37 | 6.58 | 0230 | 96 |
| 06/06/16 | 9.78 | 1445 | 8.33 | 6.74 | 1000 | 96 |
| 06/07/16 | 9.49 | 1915 | 9.24 | 8.96 | 0930 | 96 |
| 06/08/16 | 9.80 | 1215 | 9.39 | 8.83 | 2100 | 96 |
| 06/09/16 | 10.28 | 1415 | 9.76 | 9.04 | 0445 | 96 |
| 06/10/16 | 10.38 | 1315 | 9.84 | 8.91 | 2345 | 96 |
| 06/11/16 | 10.20 | 1400 | 9.40 | 8.76 | 0545 | 96 |
| 06/12/16 | 13.58 | 1815 | 10.91 | 8.70 | 0645 | 96 |
| 06/13/16 | 12.50 | 0015 | 10.26 | 8.90 | 2245 | 96 |
| 06/14/16 | 10.77 | 1615 | 9.64 | 8.48 | 0230 | 96 |
| 06/15/16 | 9.77 | 1515 | 9.01 | 8.26 | 0730 | 96 |
| 06/16/16 | 9.27 | 1715 | 8.54 | 7.48 | 0915 | 96 |
| 06/17/16 | 8.87 | 1915 | 8.22 | 7.35 | 0900 | 96 |
| 06/18/16 | 9.54 | 1630 | 8.39 | 7.35 | 0515 | 96 |
| 06/19/16 | 9.68 | 1645 | 8.60 | 7.37 | 0515 | 96 |
| 06/20/16 | 9.73 | 1300 | 8.63 | 7.22 | 0215 | 96 |
| 06/21/16 | 9.15 | 1445 | 8.24 | 7.20 | 2330 | 89 |
| 06/22/16 | 8.94 | 1700 | 7.65 | 6.67 | 0330 | 96 |
| 06/23/16 | 10.94 | 1115 | 8.93 | 6.30 | 0815 | 96 |
| 06/24/16 | 11.97 | 1830 | 10.28 | 8.20 | 0600 | 96 |
| 06/25/16 | 12.19 | 1700 | 10.57 | 9.14 | 0300 | 96 |
| 06/26/16 | 11.66 | 1700 | 10.54 | 9.52 | 0115 | 96 |
| 06/27/16 | 11.35 | 1415 | 10.27 | 9.44 | 0515 | 96 |
| 06/28/16 | 10.98 | 1415 | 9.84 | 8.36 | 2330 | 96 |
| 06/29/16 | 12.24 | 1745 | 9.82 | 7.70 | 0700 | 96 |
| 06/30/16 | 12.29 | 1145 | 9.22 | 7.01 | 0000 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 10.39 | | 9.16 | 7.95 | | |
| STD DEV.: | 1.38 | | 0.98 | 0.95 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR July 2016

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 07/01/16 | 9.23 | 1645 | 7.59 | 6.48 | 2345 | 96 |
| 07/02/16 | 9.20 | 1630 | 7.66 | 6.05 | 0500 | 96 |
| 07/03/16 | 9.03 | 1445 | 7.83 | 6.56 | 0445 | 96 |
| 07/04/16 | 8.55 | 1700 | 7.49 | 6.60 | 0830 | 96 |
| 07/05/16 | 8.83 | 1730 | 7.90 | 6.78 | 0400 | 96 |
| 07/06/16 | 8.83 | 1600 | 7.69 | 6.87 | 0800 | 96 |
| 07/07/16 | 8.68 | 1400 | 7.34 | 6.05 | 0715 | 96 |
| 07/08/16 | 8.26 | 1715 | 7.11 | 6.07 | 0700 | 96 |
| 07/09/16 | 7.46 | 1530 | 6.70 | 6.04 | 2300 | 96 |
| 07/10/16 | 7.10 | 1445 | 6.43 | 5.86 | 0300 | 96 |
| 07/11/16 | 8.22 | 1700 | 6.48 | 5.06 | 0245 | 96 |
| 07/12/16 | 8.33 | 1315 | 6.99 | 5.95 | 0300 | 96 |
| 07/13/16 | 8.32 | 1615 | 7.63 | 6.43 | 0115 | 96 |
| 07/14/16 | 7.84 | 1645 | 7.06 | 6.33 | 0445 | 96 |
| 07/15/16 | 10.55 | 1400 | 8.46 | 5.75 | 0515 | 96 |
| 07/16/16 | 10.73 | 1430 | 8.97 | 7.61 | 0000 | 96 |
| 07/17/16 | 9.64 | 1715 | 8.15 | 7.05 | 0630 | 96 |
| 07/18/16 | 9.53 | 1600 | 8.05 | 6.80 | 0000 | 96 |
| 07/19/16 | 9.49 | 1530 | 7.81 | 6.34 | 2015 | 96 |
| 07/20/16 | 8.73 | 0845 | 7.52 | 6.15 | 0430 | 74 |
| 07/21/16 | 8.33 | 1630 | 7.70 | 7.05 | 0530 | 96 |
| 07/22/16 | 8.13 | 1730 | 7.36 | 6.87 | 0930 | 96 |
| 07/23/16 | 8.34 | 1715 | 7.18 | 6.19 | 0530 | 96 |
| 07/24/16 | 8.44 | 1700 | 7.14 | 5.91 | 0515 | 96 |
| 07/25/16 | 8.22 | 1545 | 7.16 | 6.04 | 0615 | 96 |
| 07/26/16 | 8.20 | 1615 | 7.15 | 6.15 | 0500 | 96 |
| 07/27/16 | 8.38 | 1615 | 7.27 | 6.18 | 0545 | 96 |
| 07/28/16 | 8.33 | 1700 | 7.11 | 6.01 | 0545 | 96 |
| 07/29/16 | 7.55 | 1930 | 6.57 | 5.73 | 0730 | 96 |
| 07/30/16 | 7.56 | 1600 | 6.48 | 5.48 | 0600 | 96 |
| 07/31/16 | 6.21 | 0015 | 5.30 | 3.80 | 0845 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 8.52 | | 7.33 | 6.20 | | |
| STD DEV.: | 0.92 | | 0.69 | 0.68 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR August 2016

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 08/01/16 | 5.71 | 2000 | 5.22 | 4.57 | 2200 | 96 |
| 08/02/16 | 6.66 | 1630 | 5.59 | 4.83 | 0415 | 96 |
| 08/03/16 | 8.42 | 1730 | 6.25 | 4.16 | 0430 | 96 |
| 08/04/16 | 8.10 | 1515 | 7.09 | 6.14 | 0545 | 96 |
| 08/05/16 | 8.34 | 1800 | 7.11 | 5.96 | 0730 | 96 |
| 08/06/16 | 8.10 | 1815 | 6.49 | 5.59 | 0830 | 96 |
| 08/07/16 | 8.31 | 1545 | 6.29 | 4.87 | 0530 | 96 |
| 08/08/16 | 8.38 | 1645 | 5.97 | 4.55 | 0545 | 96 |
| 08/09/16 | 7.12 | 1345 | 5.45 | 4.47 | 0530 | 96 |
| 08/10/16 | 11.10 | 2100 | 8.58 | 4.39 | 0530 | 96 |
| 08/11/16 | 10.74 | 0015 | 8.99 | 6.71 | 2345 | 96 |
| 08/12/16 | 9.42 | 1645 | 7.75 | 6.46 | 0600 | 96 |
| 08/13/16 | 9.11 | 1800 | 8.10 | 7.01 | 0515 | 96 |
| 08/14/16 | 9.50 | 1430 | 8.37 | 7.47 | 0545 | 96 |
| 08/15/16 | 9.41 | 1615 | 8.25 | 7.25 | 0430 | 96 |
| 08/16/16 | 9.11 | 1415 | 8.15 | 7.44 | 0600 | 96 |
| 08/17/16 | 9.21 | 1315 | 7.97 | 7.18 | 0000 | 96 |
| 08/18/16 | 8.39 | 1730 | 7.50 | 6.65 | 0530 | 96 |
| 08/19/16 | 8.75 | 1530 | 7.69 | 6.69 | 0615 | 96 |
| 08/20/16 | 8.80 | 1715 | 7.41 | 6.18 | 0930 | 96 |
| 08/21/16 | 8.35 | 1545 | 7.12 | 5.50 | 0215 | 96 |
| 08/22/16 | 8.34 | 1500 | 7.06 | 5.43 | 0500 | 96 |
| 08/23/16 | 8.03 | 1530 | 6.76 | 5.74 | 0215 | 96 |
| 08/24/16 | 7.94 | 1615 | 6.53 | 5.56 | 0715 | 96 |
| 08/25/16 | 7.43 | 1430 | 6.36 | 5.43 | 0500 | 96 |
| 08/26/16 | 7.32 | 1745 | 6.04 | 5.02 | 0415 | 96 |
| 08/27/16 | 7.46 | 1815 | 6.06 | 4.80 | 0345 | 96 |
| 08/28/16 | 7.78 | 1630 | 6.47 | 4.97 | 0445 | 96 |
| 08/29/16 | 7.90 | 1700 | 6.60 | 4.76 | 0445 | 96 |
| 08/30/16 | 6.71 | 1630 | 6.14 | 5.50 | 0930 | 96 |
| 08/31/16 | 6.32 | 1430 | 5.80 | 4.78 | 0730 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 8.27 | | 6.94 | 5.68 | | |
| STD DEV.: | 1.16 | | 1.00 | 1.00 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR September 2016

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 09/01/16 | 6.91 | 1530 | 5.97 | 4.73 | 0830 | 96 |
| 09/02/16 | 7.37 | 1745 | 6.25 | 5.04 | 0545 | 96 |
| 09/03/16 | 6.94 | 1815 | 6.01 | 5.04 | 0515 | 96 |
| 09/04/16 | 7.00 | 1600 | 6.09 | 5.24 | 0445 | 96 |
| 09/05/16 | 6.74 | 2230 | 5.94 | 5.11 | 0515 | 96 |
| 09/06/16 | 6.51 | 0315 | 5.62 | 4.88 | 0645 | 96 |
| 09/07/16 | 11.28 | 1745 | 7.95 | 4.82 | 0930 | 96 |
| 09/08/16 | 12.25 | 1830 | 10.58 | 8.65 | 0900 | 96 |
| 09/09/16 | 12.46 | 1630 | 11.52 | 10.37 | 0715 | 96 |
| 09/10/16 | 12.37 | 1600 | 11.25 | 10.23 | 0815 | 96 |
| 09/11/16 | 12.75 | 1500 | 10.88 | 9.16 | 1930 | 96 |
| 09/12/16 | 12.50 | 1545 | 10.29 | 8.70 | 0945 | 96 |
| 09/13/16 | 11.69 | 0730 | 10.35 | 8.64 | 0930 | 96 |
| 09/14/16 | 12.03 | 1800 | 10.22 | 8.07 | 0715 | 96 |
| 09/15/16 | 11.34 | 1545 | 10.03 | 8.63 | 0645 | 96 |
| 09/16/16 | 11.51 | 1615 | 10.35 | 9.12 | 1030 | 96 |
| 09/17/16 | 11.59 | 1615 | 10.68 | 9.39 | 0645 | 96 |
| 09/18/16 | 11.02 | 0015 | 9.82 | 9.34 | 1700 | 96 |
| 09/19/16 | 10.08 | 0615 | 9.53 | 9.10 | 1015 | 96 |
| 09/20/16 | 9.71 | 1445 | 9.06 | 8.42 | 2215 | 96 |
| 09/21/16 | 10.32 | 1600 | 9.05 | 8.11 | 0315 | 96 |
| 09/22/16 | 10.08 | 1545 | 9.14 | 8.77 | 0630 | 96 |
| 09/23/16 | 10.86 | 1700 | 9.46 | 8.52 | 1045 | 96 |
| 09/24/16 | 11.60 | 1615 | 9.86 | 8.53 | 0545 | 96 |
| 09/25/16 | 12.47 | 1530 | 10.55 | 8.89 | 0430 | 96 |
| 09/26/16 | 11.30 | 1445 | 9.87 | 9.15 | 0245 | 96 |
| 09/27/16 | 11.16 | 1530 | 9.78 | 9.28 | 0845 | 96 |
| 09/28/16 | 10.78 | 1545 | 9.57 | 9.15 | 2200 | 96 |
| 09/29/16 | 10.98 | 1615 | 9.81 | 9.08 | 0200 | 96 |
| 09/30/16 | 10.61 | 2145 | 9.94 | 9.46 | 0515 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 10.47 | | 9.18 | 8.05 | | |
| STD DEV.: | 1.97 | | 1.77 | 1.80 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR October 2016

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 10/01/16 | 11.09 | 1400 | 10.04 | 9.58 | 1030 | 96 |
| 10/02/16 | 10.87 | 1430 | 10.08 | 9.32 | 2145 | 96 |
| 10/03/16 | 10.97 | 1615 | 10.13 | 9.65 | 0845 | 96 |
| 10/04/16 | 11.34 | 1545 | 10.25 | 9.34 | 0745 | 96 |
| 10/05/16 | 11.12 | 1515 | 10.29 | 9.52 | 2100 | 96 |
| 10/06/16 | 11.79 | 1600 | 10.21 | 9.39 | 1815 | 96 |
| 10/07/16 | 11.51 | 1730 | 10.18 | 9.66 | 2215 | 96 |
| 10/08/16 | 10.97 | 1315 | 9.89 | 9.46 | 2315 | 96 |
| 10/09/16 | 12.01 | 0315 | 9.82 | 9.02 | 1245 | 96 |
| 10/10/16 | 12.48 | 1545 | 11.31 | 9.49 | 0145 | 96 |
| 10/11/16 | 11.81 | 1600 | 10.60 | 9.46 | 0900 | 96 |
| 10/12/16 | 12.74 | 1600 | 11.05 | 9.58 | 0430 | 96 |
| 10/13/16 | 12.69 | 2230 | 11.40 | 9.87 | 0045 | 96 |
| 10/14/16 | 12.82 | 0030 | 10.48 | 8.44 | 2345 | 73 |
| 10/15/16 | 9.68 | 1715 | 8.89 | 7.80 | 0515 | 96 |
| 10/16/16 | 9.74 | 1300 | 8.75 | 7.72 | 2230 | 96 |
| 10/17/16 | 9.37 | 1300 | 8.42 | 7.38 | 0445 | 96 |
| 10/18/16 | 10.07 | 1615 | 8.86 | 7.38 | 1800 | 96 |
| 10/19/16 | 10.15 | 1530 | 8.86 | 7.38 | 1815 | 96 |
| 10/20/16 | 10.07 | 1545 | 9.29 | 7.05 | 0545 | 96 |
| 10/21/16 | 9.52 | 0045 | 9.19 | 8.65 | 0000 | 96 |
| 10/22/16 | 9.08 | 1015 | 8.15 | 6.36 | 2045 | 96 |
| 10/23/16 | 9.10 | 2145 | 8.08 | 6.80 | 0315 | 96 |
| 10/24/16 | 10.06 | 1345 | 8.93 | 7.30 | 0645 | 96 |
| 10/25/16 | 10.59 | 1530 | 9.39 | 7.95 | 2230 | 96 |
| 10/26/16 | 10.80 | 1600 | 9.63 | 7.97 | 0500 | 96 |
| 10/27/16 | 13.58 | 2215 | 11.09 | 7.98 | 0730 | 96 |
| 10/28/16 | 14.53 | 1315 | 13.32 | 11.87 | 0530 | 96 |
| 10/29/16 | 13.05 | 1200 | 12.56 | 11.74 | 0345 | 96 |
| 10/30/16 | 13.18 | 1400 | 12.58 | 11.88 | 0645 | 96 |
| 10/31/16 | 13.87 | 1230 | 11.93 | 10.27 | 2130 | 93 |
| <hr/> | | | | | | |
| AVERAGE | 11.31 | | 10.12 | 8.88 | | |
| STD DEV.: | 1.49 | | 1.32 | 1.44 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR November 2016

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 11/01/16 | 12.90 | 1345 | 11.63 | 10.23 | 0645 | 95 |
| 11/02/16 | 12.33 | 1345 | 11.64 | 10.76 | 0845 | 96 |
| 11/03/16 | 11.84 | 1330 | 11.06 | 10.26 | 1645 | 96 |
| 11/04/16 | 13.09 | 1415 | 11.63 | 10.19 | 0715 | 96 |
| 11/05/16 | 12.56 | 1015 | 12.02 | 11.38 | 0200 | 96 |
| 11/06/16 | 13.55 | 1315 | 12.31 | 11.22 | 0100 | 96 |
| 11/07/16 | 12.31 | 1230 | 11.67 | 10.86 | 0215 | 96 |
| 11/08/16 | 12.54 | 1645 | 11.84 | 10.99 | 0500 | 96 |
| 11/09/16 | 13.70 | 1830 | 11.96 | 10.06 | 2345 | 96 |
| 11/10/16 | 13.12 | 0900 | 11.58 | 10.48 | 1015 | 96 |
| 11/11/16 | 14.15 | 1415 | 13.05 | 10.96 | 0345 | 96 |
| 11/12/16 | 14.27 | 1215 | 12.66 | 10.14 | 2345 | 96 |
| 11/13/16 | 14.09 | 1315 | 11.85 | 10.18 | 2300 | 96 |
| 11/14/16 | 12.98 | 2245 | 11.79 | 10.02 | 0045 | 96 |
| 11/15/16 | 13.26 | 0130 | 11.95 | 10.85 | 0000 | 96 |
| 11/16/16 | 13.54 | 0445 | 12.60 | 11.12 | 0045 | 96 |
| 11/17/16 | 13.72 | 1400 | 12.61 | 11.54 | 0245 | 96 |
| 11/18/16 | 12.92 | 1200 | 12.21 | 11.33 | 1830 | 96 |
| 11/19/16 | 12.97 | 1345 | 12.24 | 10.99 | 1545 | 96 |
| 11/20/16 | 12.69 | 1015 | 11.91 | 10.97 | 2345 | 96 |
| 11/21/16 | 13.29 | 1700 | 11.99 | 10.72 | 0615 | 96 |
| 11/22/16 | 14.83 | 2315 | 13.82 | 12.01 | 0115 | 96 |
| 11/23/16 | 15.09 | 1845 | 14.56 | 13.34 | 2245 | 96 |
| 11/24/16 | 13.45 | 1430 | 13.16 | 12.91 | 0000 | 96 |
| 11/25/16 | 13.27 | 0600 | 12.87 | 12.60 | 0030 | 96 |
| 11/26/16 | 13.49 | 1115 | 12.90 | 12.59 | 1645 | 96 |
| 11/27/16 | 15.03 | 2230 | 14.15 | 12.94 | 0030 | 96 |
| 11/28/16 | 15.07 | 0230 | 14.12 | 13.13 | 1815 | 96 |
| 11/29/16 | 13.86 | 0630 | 13.23 | 12.95 | 1030 | 96 |
| 11/30/16 | 14.83 | 1615 | 13.83 | 13.01 | 0830 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 13.49 | | 12.49 | 11.36 | | |
| STD DEV.: | 0.87 | | 0.90 | 1.08 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR December 2016

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 12/01/16 | 14.79 | 0615 | 14.17 | 13.64 | 1800 | 96 |
| 12/02/16 | 14.65 | 1400 | 14.06 | 13.76 | 0345 | 96 |
| 12/03/16 | 15.05 | 1015 | 14.39 | 13.90 | 2245 | 96 |
| 12/04/16 | 14.42 | 1030 | 13.84 | 13.53 | 0000 | 96 |
| 12/05/16 | 14.18 | 2000 | 13.89 | 13.39 | 0645 | 96 |
| 12/06/16 | 14.16 | 0130 | 14.01 | 13.84 | 2030 | 96 |
| 12/07/16 | 14.15 | 1815 | 13.91 | 13.67 | 1000 | 96 |
| 12/08/16 | 14.19 | 1045 | 13.78 | 13.57 | 2100 | 96 |
| 12/09/16 | 15.55 | 2115 | 14.86 | 13.58 | 0100 | 96 |
| 12/10/16 | 15.88 | 1530 | 15.10 | 13.79 | 0715 | 96 |
| 12/11/16 | 15.57 | 1345 | 15.40 | 15.25 | 0730 | 96 |
| 12/12/16 | 15.51 | 2000 | 15.30 | 15.13 | 0245 | 96 |
| 12/13/16 | 15.40 | 0200 | 15.29 | 15.15 | 1130 | 96 |
| 12/14/16 | 15.28 | 1745 | 15.17 | 15.01 | 1400 | 96 |
| 12/15/16 | 15.25 | 2100 | 15.10 | 14.93 | 1030 | 96 |
| 12/16/16 | 15.35 | 1415 | 15.06 | 14.50 | 0500 | 96 |
| 12/17/16 | 15.42 | 1500 | 15.28 | 15.07 | 0615 | 96 |
| 12/18/16 | 15.39 | 0930 | 15.25 | 15.10 | 2300 | 96 |
| 12/19/16 | 15.11 | 0015 | 14.98 | 14.85 | 0930 | 96 |
| 12/20/16 | 15.31 | 2015 | 15.15 | 14.99 | 0215 | 96 |
| 12/21/16 | 15.45 | 1030 | 15.31 | 15.00 | 2330 | 96 |
| 12/22/16 | 15.08 | 0130 | 14.76 | 14.57 | 2115 | 96 |
| 12/23/16 | 14.79 | 1545 | 14.68 | 14.55 | 0000 | 96 |
| 12/24/16 | 14.57 | 0045 | 13.88 | 13.65 | 2200 | 96 |
| 12/25/16 | 13.83 | 0930 | 13.69 | 13.48 | 2030 | 96 |
| 12/26/16 | 13.77 | 1600 | 13.61 | 13.45 | 0945 | 96 |
| 12/27/16 | 13.70 | 1600 | 13.56 | 13.43 | 2300 | 96 |
| 12/28/16 | 15.13 | 2230 | 13.66 | 12.74 | 1715 | 89 |
| 12/29/16 | 14.76 | 0015 | 14.40 | 14.02 | 2315 | 96 |
| 12/30/16 | 14.63 | 0500 | 14.33 | 13.86 | 0130 | 96 |
| 12/31/16 | 14.51 | 0930 | 14.13 | 13.80 | 1330 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 14.87 | | 14.52 | 14.17 | | |
| STD DEV.: | 0.60 | | 0.63 | 0.71 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR January 2017

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 01/01/17 | 14.58 | 0930 | 14.12 | 13.74 | 1800 | 96 |
| 01/02/17 | 14.51 | 1430 | 14.01 | 13.51 | 0245 | 96 |
| 01/03/17 | 14.41 | 0145 | 14.05 | 13.59 | 2015 | 96 |
| 01/04/17 | 14.46 | 2315 | 14.02 | 13.46 | 0600 | 96 |
| 01/05/17 | 14.49 | 0445 | 13.72 | 12.55 | 2130 | 96 |
| 01/06/17 | 17.23 | 2300 | 14.87 | 12.46 | 0600 | 96 |
| 01/07/17 | 17.49 | 0715 | 17.41 | 17.23 | 0015 | 96 |
| 01/08/17 | 17.64 | 1045 | 17.54 | 17.42 | 0045 | 96 |
| 01/09/17 | 17.75 | 1430 | 17.64 | 17.48 | 0045 | 96 |
| 01/10/17 | 17.79 | 1700 | 17.68 | 17.55 | 0215 | 96 |
| 01/11/17 | 17.77 | 1915 | 17.59 | 17.41 | 0700 | 96 |
| 01/12/17 | 17.67 | 0115 | 17.51 | 17.30 | 0000 | 96 |
| 01/13/17 | 17.37 | 1115 | 17.25 | 17.13 | 0400 | 96 |
| 01/14/17 | 17.63 | 0000 | 17.45 | 17.25 | 0045 | 96 |
| 01/15/17 | 17.83 | 2300 | 17.25 | 12.06 | 1915 | 96 |
| 01/16/17 | 17.82 | 0015 | 17.75 | 17.68 | 0815 | 96 |
| 01/17/17 | 17.82 | 0030 | 17.74 | 17.65 | 2145 | 96 |
| 01/18/17 | 17.71 | 0200 | 17.59 | 17.43 | 2245 | 96 |
| 01/19/17 | 17.49 | 0145 | 17.37 | 17.27 | 1815 | 96 |
| 01/20/17 | 17.40 | 0715 | 15.05 | 12.55 | 1030 | 96 |
| 01/21/17 | 14.51 | 0915 | 14.03 | 13.17 | 2045 | 96 |
| 01/22/17 | 14.38 | 0030 | 14.03 | 13.45 | 2230 | 96 |
| 01/23/17 | 14.17 | 1230 | 13.94 | 13.47 | 2015 | 96 |
| 01/24/17 | 14.32 | 0215 | 13.88 | 13.32 | 1615 | 96 |
| 01/25/17 | 14.30 | 1015 | 13.81 | 13.27 | 1800 | 96 |
| 01/26/17 | 14.11 | 0815 | 13.63 | 13.14 | 2145 | 96 |
| 01/27/17 | 13.81 | 1115 | 13.42 | 13.04 | 1730 | 96 |
| 01/28/17 | 13.86 | 0930 | 13.39 | 13.03 | 0415 | 96 |
| 01/29/17 | 13.64 | 0645 | 13.29 | 12.90 | 2000 | 96 |
| 01/30/17 | 13.50 | 1130 | 13.18 | 12.82 | 1545 | 96 |
| 01/31/17 | 13.64 | 2115 | 13.34 | 12.97 | 1645 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 15.84 | | 15.40 | 14.75 | | |
| STD DEV.: | 1.78 | | 1.87 | 2.17 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR February 2017

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 02/01/17 | 13.66 | 1430 | 13.31 | 12.86 | 1830 | 96 |
| 02/02/17 | 13.71 | 1545 | 13.29 | 12.96 | 0230 | 96 |
| 02/03/17 | 13.68 | 2100 | 13.31 | 12.87 | 0945 | 96 |
| 02/04/17 | 13.61 | 1730 | 13.18 | 12.43 | 0930 | 96 |
| 02/05/17 | 13.37 | 0930 | 12.93 | 12.29 | 1130 | 96 |
| 02/06/17 | 17.54 | 1700 | 16.84 | 12.59 | 0015 | 96 |
| 02/07/17 | 17.36 | 1945 | 17.20 | 17.06 | 0830 | 96 |
| 02/08/17 | 17.29 | 1700 | 17.15 | 17.04 | 0815 | 96 |
| 02/09/17 | 17.16 | 0015 | 17.00 | 16.86 | 1100 | 96 |
| 02/10/17 | 17.30 | 1745 | 17.09 | 16.87 | 0015 | 96 |
| 02/11/17 | 17.24 | 1930 | 17.03 | 16.73 | 0415 | 96 |
| 02/12/17 | 17.46 | 1945 | 17.30 | 17.17 | 0515 | 96 |
| 02/13/17 | 17.36 | 0030 | 17.17 | 17.01 | 1300 | 96 |
| 02/14/17 | 17.19 | 1745 | 17.11 | 17.03 | 0945 | 96 |
| 02/15/17 | 17.08 | 0045 | 16.90 | 16.71 | 1000 | 96 |
| 02/16/17 | 16.89 | 0015 | 14.33 | 12.00 | 1330 | 96 |
| 02/17/17 | 13.75 | 1600 | 13.13 | 12.14 | 0830 | 96 |
| 02/18/17 | 13.61 | 1800 | 13.16 | 12.42 | 0115 | 96 |
| 02/19/17 | 13.54 | 1730 | 13.15 | 12.64 | 0345 | 96 |
| 02/20/17 | 13.62 | 1330 | 13.22 | 12.65 | 0015 | 96 |
| 02/21/17 | 13.42 | 0815 | 13.08 | 12.62 | 0830 | 96 |
| 02/22/17 | 13.33 | 0845 | 13.07 | 12.67 | 1845 | 96 |
| 02/23/17 | 13.44 | 1100 | 12.95 | 12.42 | 1715 | 96 |
| 02/24/17 | 15.88 | 1345 | 13.68 | 12.30 | 1230 | 96 |
| 02/25/17 | 15.19 | 1415 | 13.76 | 11.44 | 2145 | 96 |
| 02/26/17 | 14.87 | 1015 | 13.82 | 12.24 | 0000 | 96 |
| 02/27/17 | 15.20 | 1230 | 14.36 | 13.27 | 0015 | 96 |
| 02/28/17 | 15.19 | 1615 | 14.67 | 14.08 | 0930 | 96 |
| AVERAGE | 15.32 | | 14.76 | 13.98 | | |
| STD DEV.: | 1.72 | | 1.81 | 2.13 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR March 2017

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 03/01/17 | 15.47 | 1645 | 14.55 | 14.09 | 2315 | 96 |
| 03/02/17 | 15.35 | 0915 | 14.59 | 13.68 | 2200 | 96 |
| 03/03/17 | 17.74 | 1200 | 15.16 | 13.57 | 0115 | 96 |
| 03/04/17 | 16.18 | 1200 | 15.21 | 14.28 | 0830 | 96 |
| 03/05/17 | 16.23 | 0915 | 15.39 | 14.13 | 0145 | 96 |
| 03/06/17 | 16.11 | 0830 | 14.76 | 12.97 | 2200 | 96 |
| 03/07/17 | 15.22 | 0845 | 14.28 | 12.90 | 0230 | 96 |
| 03/08/17 | 14.88 | 0500 | 13.98 | 12.79 | 1645 | 96 |
| 03/09/17 | 14.38 | 0315 | 13.74 | 12.12 | 2130 | 96 |
| 03/10/17 | 14.35 | 0000 | 13.29 | 12.00 | 0145 | 96 |
| 03/11/17 | 14.75 | 1145 | 14.08 | 13.25 | 2245 | 96 |
| 03/12/17 | 14.97 | 1030 | 13.36 | 12.03 | 0545 | 96 |
| 03/13/17 | 13.64 | 0200 | 12.73 | 11.90 | 1715 | 96 |
| 03/14/17 | 14.10 | 1745 | 12.78 | 12.02 | 0730 | 96 |
| 03/15/17 | 13.59 | 1700 | 12.95 | 12.10 | 0345 | 96 |
| 03/16/17 | 13.71 | 0915 | 12.74 | 12.05 | 0000 | 96 |
| 03/17/17 | 13.59 | 1530 | 12.77 | 12.11 | 0315 | 96 |
| 03/18/17 | 14.53 | 0600 | 13.86 | 13.13 | 1000 | 96 |
| 03/19/17 | 14.56 | 2300 | 13.39 | 12.81 | 2230 | 96 |
| 03/20/17 | 16.01 | 1015 | 14.19 | 12.81 | 0915 | 96 |
| 03/21/17 | 14.98 | 0230 | 14.33 | 13.65 | 1700 | 96 |
| 03/22/17 | 15.52 | 1730 | 14.78 | 13.44 | 0430 | 96 |
| 03/23/17 | 15.28 | 0900 | 14.58 | 14.03 | 0015 | 96 |
| 03/24/17 | 14.96 | 1330 | 14.41 | 13.86 | 0415 | 96 |
| 03/25/17 | 14.68 | 0145 | 14.33 | 13.71 | 1645 | 96 |
| 03/26/17 | 15.10 | 1530 | 14.47 | 13.85 | 0715 | 96 |
| 03/27/17 | 14.65 | 0030 | 14.20 | 13.72 | 1700 | 96 |
| 03/28/17 | 14.36 | 1545 | 13.89 | 12.66 | 2230 | 96 |
| 03/29/17 | 14.13 | 0045 | 12.49 | 11.30 | 0900 | 96 |
| 03/30/17 | 13.97 | 0915 | 12.35 | 11.63 | 2145 | 96 |
| 03/31/17 | 12.25 | 2115 | 11.98 | 11.59 | 0300 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 14.81 | | 13.86 | 12.91 | | |
| STD DEV.: | 1.03 | | 0.91 | 0.88 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR April 2017

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 04/01/17 | 13.44 | 2315 | 12.36 | 11.66 | 0500 | 96 |
| 04/02/17 | 13.85 | 0815 | 12.24 | 11.48 | 1415 | 96 |
| 04/03/17 | 12.46 | 1100 | 11.87 | 11.57 | 2300 | 96 |
| 04/04/17 | 12.65 | 0730 | 11.86 | 11.45 | 0200 | 96 |
| 04/05/17 | 12.35 | 1330 | 12.10 | 11.85 | 0145 | 96 |
| 04/06/17 | 12.55 | 1215 | 12.30 | 12.13 | 0045 | 96 |
| 04/07/17 | 14.06 | 0930 | 12.28 | 11.81 | 2015 | 96 |
| 04/08/17 | 13.79 | 1400 | 12.71 | 11.84 | 0300 | 96 |
| 04/09/17 | 14.08 | 0830 | 12.62 | 12.25 | 2345 | 96 |
| 04/10/17 | 13.02 | 1430 | 12.30 | 11.79 | 2145 | 96 |
| 04/11/17 | 12.78 | 1200 | 11.87 | 11.50 | 2200 | 96 |
| 04/12/17 | 11.99 | 2230 | 11.64 | 11.38 | 0715 | 96 |
| 04/13/17 | 12.75 | 1330 | 12.26 | 11.64 | 0045 | 96 |
| 04/14/17 | 12.99 | 0900 | 12.56 | 12.11 | 0015 | 96 |
| 04/15/17 | 12.82 | 1215 | 12.47 | 11.95 | 2300 | 96 |
| 04/16/17 | 13.20 | 1100 | 11.95 | 11.43 | 2145 | 96 |
| 04/17/17 | 12.00 | 1300 | 11.44 | 11.07 | 1915 | 96 |
| 04/18/17 | 11.65 | 1530 | 11.24 | 11.03 | 0315 | 96 |
| 04/19/17 | 12.09 | 1515 | 11.55 | 11.29 | 2300 | 96 |
| 04/20/17 | 11.60 | 1600 | 11.35 | 11.25 | 0400 | 96 |
| 04/21/17 | 11.41 | 0715 | 11.28 | 11.08 | 2230 | 96 |
| 04/22/17 | 11.52 | 0730 | 11.26 | 11.10 | 0115 | 96 |
| 04/23/17 | 11.96 | 1330 | 11.46 | 11.29 | 0015 | 96 |
| 04/24/17 | 11.58 | 1245 | 11.28 | 10.85 | 2345 | 96 |
| 04/25/17 | 11.08 | 0645 | 10.93 | 10.76 | 0000 | 96 |
| 04/26/17 | 10.86 | 0130 | 10.65 | 10.35 | 2330 | 96 |
| 04/27/17 | 13.65 | 1100 | 12.21 | 10.37 | 0030 | 91 |
| 04/28/17 | 13.59 | 1045 | 13.46 | 13.29 | 0000 | 96 |
| 04/29/17 | 13.42 | 0215 | 13.17 | 12.94 | 2045 | 96 |
| 04/30/17 | 13.04 | 0230 | 12.87 | 12.72 | 2315 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 12.61 | | 11.98 | 11.57 | | |
| STD DEV.: | 0.91 | | 0.66 | 0.67 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR May 2017

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 05/01/17 | 12.82 | 0445 | 12.71 | 12.57 | 2245 | 96 |
| 05/02/17 | 12.62 | 0230 | 12.44 | 12.14 | 2200 | 96 |
| 05/03/17 | 13.69 | 2315 | 13.03 | 12.24 | 0100 | 96 |
| 05/04/17 | 14.01 | 1730 | 13.88 | 13.70 | 0015 | 96 |
| 05/05/17 | 13.89 | 0800 | 13.74 | 13.41 | 0000 | 96 |
| 05/06/17 | 13.43 | 1345 | 13.38 | 13.31 | 2200 | 96 |
| 05/07/17 | 13.59 | 1230 | 13.47 | 13.32 | 0200 | 96 |
| 05/08/17 | 13.50 | 1000 | 12.41 | 11.25 | 1230 | 96 |
| 05/09/17 | 11.63 | 1000 | 11.54 | 11.47 | 0030 | 96 |
| 05/10/17 | 11.58 | 0400 | 11.52 | 11.45 | 2000 | 96 |
| 05/11/17 | 11.49 | 0900 | 11.37 | 11.12 | 2245 | 96 |
| 05/12/17 | 11.46 | 1330 | 11.09 | 10.81 | 1315 | 96 |
| 05/13/17 | 11.00 | 0945 | 10.86 | 10.59 | 2245 | 96 |
| 05/14/17 | 10.80 | 2330 | 10.66 | 10.47 | 0500 | 96 |
| 05/15/17 | 11.57 | 0000 | 11.22 | 10.79 | 0045 | 96 |
| 05/16/17 | 11.72 | 1115 | 11.62 | 11.46 | 2215 | 96 |
| 05/17/17 | 11.48 | 0130 | 11.29 | 11.04 | 2345 | 96 |
| 05/18/17 | 11.06 | 0015 | 10.75 | 10.45 | 2300 | 96 |
| 05/19/17 | 10.54 | 0230 | 10.29 | 9.95 | 2330 | 92 |
| 05/20/17 | 9.96 | 0045 | 9.79 | 9.63 | 2230 | 96 |
| 05/21/17 | 9.67 | 0945 | 9.55 | 9.31 | 2315 | 96 |
| 05/22/17 | 9.35 | 0115 | 9.17 | 8.95 | 0000 | 96 |
| 05/23/17 | 9.20 | 1700 | 9.03 | 8.90 | 0315 | 96 |
| 05/24/17 | 9.44 | 1300 | 9.17 | 8.88 | 0200 | 96 |
| 05/25/17 | 9.13 | 1400 | 8.95 | 8.68 | 2300 | 96 |
| 05/26/17 | 9.23 | 1315 | 9.01 | 8.60 | 0115 | 96 |
| 05/27/17 | 10.08 | 2345 | 9.75 | 9.24 | 0100 | 96 |
| 05/28/17 | 10.15 | 1015 | 10.07 | 9.94 | 2345 | 96 |
| 05/29/17 | 10.03 | 0315 | 9.94 | 9.78 | 2345 | 96 |
| 05/30/17 | 9.91 | 0815 | 9.64 | 9.29 | 2330 | 96 |
| 05/31/17 | 10.71 | 1700 | 9.98 | 9.24 | 0515 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 11.25 | | 11.01 | 10.71 | | |
| STD DEV.: | 1.55 | | 1.52 | 1.53 | | |

Station N-5
pH

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PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR June 2016

STATION: N5

PARAMETER: PH

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 06/01/16 | 7.06 | 0800 | 6.87 | 6.69 | 0545 | 89 |
| 06/02/16 | 7.07 | 1715 | 6.89 | 6.78 | 0645 | 96 |
| 06/03/16 | 6.98 | 1745 | 6.84 | 6.78 | 0830 | 96 |
| 06/04/16 | 6.91 | 1715 | 6.83 | 6.74 | 0200 | 96 |
| 06/05/16 | 6.81 | 2130 | 6.78 | 6.73 | 0345 | 96 |
| 06/06/16 | 6.80 | 0045 | 6.73 | 6.68 | 1100 | 96 |
| 06/07/16 | 6.75 | 0330 | 6.73 | 6.71 | 2145 | 96 |
| 06/08/16 | 6.77 | 1345 | 6.73 | 6.71 | 0545 | 96 |
| 06/09/16 | 6.75 | 1630 | 6.71 | 6.68 | 2315 | 96 |
| 06/10/16 | 6.74 | 1900 | 6.70 | 6.66 | 2330 | 96 |
| 06/11/16 | 6.68 | 1430 | 6.66 | 6.63 | 2230 | 96 |
| 06/12/16 | 6.70 | 1730 | 6.62 | 6.56 | 1000 | 96 |
| 06/13/16 | 6.73 | 1730 | 6.69 | 6.65 | 0630 | 96 |
| 06/14/16 | 6.83 | 1900 | 6.74 | 6.68 | 0400 | 96 |
| 06/15/16 | 6.81 | 1730 | 6.74 | 6.67 | 0815 | 96 |
| 06/16/16 | 6.82 | 1845 | 6.73 | 6.66 | 1200 | 96 |
| 06/17/16 | 6.84 | 1930 | 6.74 | 6.64 | 0900 | 96 |
| 06/18/16 | 6.90 | 2030 | 6.80 | 6.71 | 0700 | 96 |
| 06/19/16 | 6.91 | 1630 | 6.85 | 6.81 | 0530 | 96 |
| 06/20/16 | 7.16 | 1630 | 6.95 | 6.79 | 1400 | 94 |
| 06/21/16 | 7.12 | 1815 | 6.99 | 6.63 | 1230 | 85 |
| 06/22/16 | 7.07 | 1815 | 6.96 | 6.88 | 0430 | 96 |
| 06/23/16 | 6.97 | 1845 | 6.88 | 6.78 | 0000 | 96 |
| 06/24/16 | 6.96 | 1745 | 6.81 | 6.72 | 0445 | 96 |
| 06/25/16 | 6.90 | 1830 | 6.80 | 6.70 | 0530 | 96 |
| 06/26/16 | 6.88 | 1815 | 6.81 | 6.76 | 0200 | 96 |
| 06/27/16 | 6.84 | 1515 | 6.79 | 6.75 | 0000 | 96 |
| 06/28/16 | 6.79 | 1200 | 6.75 | 6.70 | 0000 | 96 |
| 06/29/16 | 6.85 | 1945 | 6.74 | 6.63 | 0415 | 96 |
| 06/30/16 | 6.95 | 1715 | 6.80 | 6.70 | 0530 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 6.88 | | 6.79 | 6.71 | | |
| STD DEV.: | 0.13 | | 0.09 | 0.06 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR July 2016

STATION: N5

PARAMETER: PH

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 07/01/16 | 6.91 | 1700 | 6.80 | 6.71 | 0445 | 96 |
| 07/02/16 | 6.90 | 1745 | 6.76 | 6.66 | 0430 | 96 |
| 07/03/16 | 6.90 | 1715 | 6.79 | 6.70 | 0500 | 96 |
| 07/04/16 | 6.80 | 1930 | 6.71 | 6.65 | 0745 | 96 |
| 07/05/16 | 6.85 | 1745 | 6.73 | 6.65 | 0430 | 96 |
| 07/06/16 | 6.84 | 1715 | 6.71 | 6.64 | 0545 | 96 |
| 07/07/16 | 6.85 | 1645 | 6.71 | 6.60 | 0730 | 96 |
| 07/08/16 | 6.78 | 1715 | 6.68 | 6.59 | 0645 | 96 |
| 07/09/16 | 6.69 | 1745 | 6.65 | 6.61 | 0630 | 96 |
| 07/10/16 | 6.67 | 1430 | 6.63 | 6.57 | 2330 | 96 |
| 07/11/16 | 6.70 | 1815 | 6.60 | 6.53 | 0330 | 96 |
| 07/12/16 | 6.77 | 1515 | 6.66 | 6.56 | 0515 | 96 |
| 07/13/16 | 6.76 | 1645 | 6.68 | 6.61 | 0215 | 96 |
| 07/14/16 | 6.79 | 1630 | 6.69 | 6.59 | 0530 | 96 |
| 07/15/16 | 6.82 | 1645 | 6.70 | 6.59 | 0530 | 96 |
| 07/16/16 | 6.82 | 1630 | 6.71 | 6.62 | 0430 | 96 |
| 07/17/16 | 6.73 | 1630 | 6.67 | 6.62 | 0445 | 96 |
| 07/18/16 | 6.71 | 1800 | 6.65 | 6.60 | 0530 | 96 |
| 07/19/16 | 6.75 | 1630 | 6.65 | 6.59 | 0500 | 96 |
| 07/20/16 | 6.79 | 1645 | 6.69 | 6.58 | 0200 | 96 |
| 07/21/16 | 6.76 | 1800 | 6.68 | 6.62 | 0615 | 96 |
| 07/22/16 | 6.75 | 1815 | 6.63 | 6.57 | 0600 | 96 |
| 07/23/16 | 6.83 | 1630 | 6.67 | 6.53 | 0630 | 96 |
| 07/24/16 | 6.88 | 1800 | 6.69 | 6.55 | 0545 | 96 |
| 07/25/16 | 6.80 | 1530 | 6.67 | 6.56 | 0500 | 96 |
| 07/26/16 | 6.79 | 1645 | 6.66 | 6.56 | 0515 | 96 |
| 07/27/16 | 6.93 | 1715 | 6.72 | 6.57 | 0545 | 96 |
| 07/28/16 | 6.93 | 1700 | 6.73 | 6.58 | 0630 | 96 |
| 07/29/16 | 6.77 | 1845 | 6.65 | 6.55 | 0730 | 96 |
| 07/30/16 | 6.80 | 1730 | 6.66 | 6.55 | 0600 | 96 |
| 07/31/16 | 6.64 | 0015 | 6.58 | 6.51 | 0845 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 6.80 | | 6.68 | 6.59 | | |
| STD DEV.: | 0.07 | | 0.05 | 0.05 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR August 2016

STATION: N5

PARAMETER: PH

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 08/01/16 | 6.60 | 1645 | 6.55 | 6.51 | 0530 | 96 |
| 08/02/16 | 6.71 | 1730 | 6.60 | 6.52 | 0530 | 96 |
| 08/03/16 | 6.83 | 1730 | 6.65 | 6.52 | 0445 | 96 |
| 08/04/16 | 6.87 | 1845 | 6.70 | 6.56 | 0645 | 96 |
| 08/05/16 | 6.92 | 1800 | 6.71 | 6.56 | 0645 | 96 |
| 08/06/16 | 6.96 | 1730 | 6.69 | 6.56 | 0700 | 96 |
| 08/07/16 | 7.26 | 1745 | 6.75 | 6.47 | 0145 | 96 |
| 08/08/16 | 7.38 | 1815 | 6.79 | 6.46 | 0430 | 96 |
| 08/09/16 | 6.93 | 1845 | 6.70 | 6.53 | 0545 | 96 |
| 08/10/16 | 6.91 | 1615 | 6.71 | 6.52 | 0545 | 96 |
| 08/11/16 | 7.46 | 1845 | 6.90 | 6.65 | 0800 | 96 |
| 08/12/16 | 7.60 | 1845 | 6.99 | 6.71 | 0830 | 96 |
| 08/13/16 | 7.12 | 1430 | 6.91 | 6.68 | 0700 | 96 |
| 08/14/16 | 7.33 | 1630 | 6.90 | 6.64 | 0600 | 96 |
| 08/15/16 | 7.11 | 1645 | 6.81 | 6.62 | 0515 | 96 |
| 08/16/16 | 6.90 | 1500 | 6.72 | 6.61 | 0615 | 96 |
| 08/17/16 | 6.94 | 1315 | 6.72 | 6.57 | 0000 | 96 |
| 08/18/16 | 7.22 | 1730 | 6.77 | 6.37 | 0645 | 96 |
| 08/19/16 | 7.70 | 1815 | 7.03 | 6.59 | 0630 | 96 |
| 08/20/16 | 7.87 | 1715 | 7.13 | 6.61 | 0700 | 96 |
| 08/21/16 | 7.66 | 1645 | 7.05 | 6.62 | 0615 | 96 |
| 08/22/16 | 7.22 | 2115 | 6.85 | 6.60 | 0615 | 96 |
| 08/23/16 | 7.36 | 1715 | 6.90 | 6.64 | 0600 | 96 |
| 08/24/16 | 7.16 | 1615 | 6.81 | 6.60 | 0600 | 96 |
| 08/25/16 | 6.86 | 1430 | 6.71 | 6.57 | 0615 | 96 |
| 08/26/16 | 6.88 | 1800 | 6.68 | 6.50 | 0800 | 96 |
| 08/27/16 | 6.87 | 1830 | 6.66 | 6.50 | 0730 | 96 |
| 08/28/16 | 7.02 | 1645 | 6.71 | 6.52 | 0700 | 96 |
| 08/29/16 | 6.87 | 1915 | 6.68 | 6.51 | 0715 | 96 |
| 08/30/16 | 7.07 | 1945 | 6.77 | 6.53 | 0600 | 96 |
| 08/31/16 | 6.85 | 2230 | 6.72 | 6.59 | 0815 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 7.11 | | 6.78 | 6.56 | | |
| STD DEV.: | 0.31 | | 0.14 | 0.07 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR September 2016

STATION: N5

PARAMETER: PH

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 09/01/16 | 6.96 | 1815 | 6.74 | 6.57 | 0900 | 96 |
| 09/02/16 | 7.12 | 1945 | 6.80 | 6.59 | 0700 | 96 |
| 09/03/16 | 7.07 | 1730 | 6.79 | 6.58 | 0700 | 96 |
| 09/04/16 | 7.00 | 1900 | 6.76 | 6.58 | 0630 | 96 |
| 09/05/16 | 6.92 | 1700 | 6.73 | 6.58 | 0615 | 96 |
| 09/06/16 | 6.78 | 0015 | 6.66 | 6.54 | 0715 | 96 |
| 09/07/16 | 6.82 | 1800 | 6.67 | 6.53 | 0945 | 96 |
| 09/08/16 | 6.99 | 1815 | 6.80 | 6.64 | 0845 | 96 |
| 09/09/16 | 7.09 | 1830 | 6.87 | 6.71 | 0730 | 96 |
| 09/10/16 | 7.02 | 1800 | 6.85 | 6.72 | 0730 | 96 |
| 09/11/16 | 6.95 | 1345 | 6.80 | 6.68 | 0800 | 96 |
| 09/12/16 | 7.06 | 1615 | 6.82 | 6.64 | 0630 | 96 |
| 09/13/16 | 7.16 | 1830 | 6.83 | 6.62 | 0700 | 96 |
| 09/14/16 | 6.90 | 2045 | 6.78 | 6.66 | 0630 | 96 |
| 09/15/16 | 7.02 | 1915 | 6.83 | 6.65 | 0730 | 96 |
| 09/16/16 | 7.16 | 1915 | 6.91 | 6.75 | 0830 | 96 |
| 09/17/16 | 7.11 | 1715 | 6.92 | 6.80 | 0800 | 96 |
| 09/18/16 | 6.91 | 0015 | 6.81 | 6.74 | 0000 | 96 |
| 09/19/16 | 6.76 | 0400 | 6.72 | 6.68 | 1230 | 96 |
| 09/20/16 | 6.68 | 0015 | 6.63 | 6.58 | 2230 | 96 |
| 09/21/16 | 6.76 | 1615 | 6.65 | 6.53 | 0400 | 96 |
| 09/22/16 | 6.78 | 1630 | 6.69 | 6.61 | 0915 | 96 |
| 09/23/16 | 6.79 | 1700 | 6.71 | 6.63 | 1100 | 96 |
| 09/24/16 | 6.87 | 1615 | 6.75 | 6.65 | 0630 | 96 |
| 09/25/16 | 6.99 | 1415 | 6.81 | 6.69 | 0600 | 96 |
| 09/26/16 | 6.86 | 1615 | 6.76 | 6.69 | 0615 | 96 |
| 09/27/16 | 6.76 | 1545 | 6.71 | 6.66 | 0730 | 96 |
| 09/28/16 | 6.69 | 0315 | 6.63 | 6.56 | 2230 | 96 |
| 09/29/16 | 6.67 | 1700 | 6.60 | 6.53 | 0315 | 96 |
| 09/30/16 | 6.68 | 1515 | 6.59 | 6.52 | 0645 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 6.91 | | 6.75 | 6.63 | | |
| STD DEV.: | 0.15 | | 0.09 | 0.07 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR October 2016

STATION: N5

PARAMETER: PH

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 10/01/16 | 6.66 | 1400 | 6.56 | 6.51 | 0000 | 96 |
| 10/02/16 | 6.63 | 1430 | 6.53 | 6.47 | 2315 | 96 |
| 10/03/16 | 6.87 | 1430 | 6.64 | 6.47 | 0645 | 96 |
| 10/04/16 | 6.89 | 1615 | 6.81 | 6.74 | 0800 | 96 |
| 10/05/16 | 6.86 | 1415 | 6.80 | 6.75 | 0645 | 96 |
| 10/06/16 | 6.88 | 1600 | 6.79 | 6.75 | 0700 | 96 |
| 10/07/16 | 6.91 | 1545 | 6.81 | 6.76 | 0245 | 96 |
| 10/08/16 | 6.93 | 1315 | 6.82 | 6.76 | 2000 | 96 |
| 10/09/16 | 6.88 | 0315 | 6.78 | 6.74 | 1815 | 96 |
| 10/10/16 | 6.90 | 1645 | 6.81 | 6.71 | 0215 | 96 |
| 10/11/16 | 6.82 | 1315 | 6.78 | 6.72 | 0645 | 96 |
| 10/12/16 | 6.83 | 1600 | 6.74 | 6.65 | 0615 | 96 |
| 10/13/16 | 6.88 | 1345 | 6.73 | 6.61 | 0545 | 96 |
| 10/14/16 | 6.81 | 1545 | 6.73 | 6.62 | 0645 | 96 |
| 10/15/16 | 6.84 | 1345 | 6.68 | 6.57 | 0615 | 96 |
| 10/16/16 | 6.84 | 1330 | 6.66 | 6.54 | 0630 | 96 |
| 10/17/16 | 6.80 | 1600 | 6.65 | 6.53 | 0530 | 96 |
| 10/18/16 | 6.76 | 1330 | 6.63 | 6.53 | 0000 | 96 |
| 10/19/16 | 6.77 | 1500 | 6.62 | 6.51 | 0545 | 96 |
| 10/20/16 | 6.80 | 1400 | 6.67 | 6.55 | 0600 | 96 |
| 10/21/16 | 6.76 | 1315 | 6.66 | 6.59 | 0000 | 96 |
| 10/22/16 | 6.61 | 1015 | 6.51 | 6.45 | 0930 | 96 |
| 10/23/16 | 6.58 | 2230 | 6.53 | 6.47 | 0315 | 96 |
| 10/24/16 | 6.65 | 1345 | 6.54 | 6.44 | 0515 | 96 |
| 10/25/16 | 6.65 | 1500 | 6.51 | 6.41 | 0000 | 96 |
| 10/26/16 | 6.53 | 1615 | 6.44 | 6.38 | 0500 | 96 |
| 10/27/16 | 6.64 | 1345 | 6.49 | 6.32 | 0700 | 96 |
| 10/28/16 | 6.62 | 1645 | 6.56 | 6.45 | 0000 | 96 |
| 10/29/16 | 6.45 | 1230 | 6.43 | 6.41 | 0345 | 96 |
| 10/30/16 | 6.46 | 1615 | 6.42 | 6.39 | 0615 | 96 |
| 10/31/16 | 6.43 | 1215 | 6.39 | 6.38 | 0500 | 49 |
| <hr/> | | | | | | |
| AVERAGE | 6.74 | | 6.64 | 6.55 | | |
| STD DEV.: | 0.15 | | 0.13 | 0.14 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR November 2016

STATION: N5

PARAMETER: PH

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 11/01/16 | 6.77 | 1000 | 6.75 | 6.72 | 0730 | 66 |
| 11/02/16 | 6.75 | 1345 | 6.73 | 6.72 | 0600 | 96 |
| 11/03/16 | 6.73 | 2315 | 6.71 | 6.70 | 0700 | 96 |
| 11/04/16 | 6.73 | 1700 | 6.71 | 6.69 | 1045 | 96 |
| 11/05/16 | 6.73 | 1430 | 6.71 | 6.68 | 2345 | 96 |
| 11/06/16 | 6.67 | 0015 | 6.64 | 6.62 | 2200 | 96 |
| 11/07/16 | 6.63 | 1330 | 6.61 | 6.58 | 0715 | 96 |
| 11/08/16 | 6.67 | 2315 | 6.63 | 6.60 | 0500 | 96 |
| 11/09/16 | 6.69 | 1515 | 6.65 | 6.62 | 0815 | 96 |
| 11/10/16 | 6.72 | 1415 | 6.69 | 6.65 | 0445 | 96 |
| 11/11/16 | 6.77 | 2245 | 6.70 | 6.65 | 0715 | 96 |
| 11/12/16 | 6.76 | 1515 | 6.73 | 6.69 | 2345 | 96 |
| 11/13/16 | 6.73 | 1615 | 6.69 | 6.66 | 0415 | 96 |
| 11/14/16 | 6.73 | 2245 | 6.68 | 6.63 | 0445 | 96 |
| 11/15/16 | 6.72 | 0115 | 6.68 | 6.66 | 1045 | 96 |
| 11/16/16 | 6.72 | 0545 | 6.68 | 6.66 | 1400 | 96 |
| 11/17/16 | 6.71 | 0445 | 6.68 | 6.67 | 2000 | 96 |
| 11/18/16 | 6.71 | 1630 | 6.68 | 6.66 | 0530 | 96 |
| 11/19/16 | 6.73 | 1845 | 6.69 | 6.67 | 0600 | 96 |
| 11/20/16 | 6.71 | 1800 | 6.69 | 6.66 | 0815 | 96 |
| 11/21/16 | 6.71 | 0030 | 6.70 | 6.68 | 0615 | 96 |
| 11/22/16 | 6.74 | 1900 | 6.69 | 6.64 | 0845 | 96 |
| 11/23/16 | 6.74 | 0045 | 6.71 | 6.69 | 1115 | 96 |
| 11/24/16 | 6.71 | 0015 | 6.67 | 6.66 | 2345 | 96 |
| 11/25/16 | 6.68 | 0345 | 6.65 | 6.62 | 2200 | 96 |
| 11/26/16 | 6.63 | 0530 | 6.62 | 6.62 | 2315 | 96 |
| 11/27/16 | 6.65 | 1945 | 6.62 | 6.60 | 0930 | 96 |
| 11/28/16 | 6.65 | 0615 | 6.63 | 6.61 | 0930 | 96 |
| 11/29/16 | 6.64 | 0330 | 6.62 | 6.62 | 1700 | 96 |
| 11/30/16 | 6.63 | 0230 | 6.61 | 6.59 | 0745 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 6.70 | | 6.68 | 6.65 | | |
| STD DEV.: | 0.04 | | 0.04 | 0.04 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR December 2016

STATION: N5

PARAMETER: PH

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 12/01/16 | 6.70 | 0930 | 6.65 | 6.62 | 0100 | 96 |
| 12/02/16 | 6.64 | 0130 | 6.61 | 6.59 | 2030 | 96 |
| 12/03/16 | 6.59 | 0015 | 6.56 | 6.53 | 0000 | 96 |
| 12/04/16 | 6.54 | 0030 | 6.50 | 6.48 | 2345 | 96 |
| 12/05/16 | 6.48 | 0015 | 6.44 | 6.41 | 2330 | 96 |
| 12/06/16 | 6.73 | 1630 | 6.57 | 6.39 | 0815 | 96 |
| 12/07/16 | 6.74 | 1245 | 6.73 | 6.72 | 0015 | 96 |
| 12/08/16 | 6.75 | 1230 | 6.75 | 6.74 | 0015 | 96 |
| 12/09/16 | 6.75 | 1315 | 6.74 | 6.72 | 0830 | 96 |
| 12/10/16 | 6.73 | 0015 | 6.69 | 6.62 | 0000 | 96 |
| 12/11/16 | 6.64 | 0115 | 6.60 | 6.51 | 2330 | 96 |
| 12/12/16 | 6.60 | 0145 | 6.57 | 6.49 | 1400 | 96 |
| 12/13/16 | 6.59 | 2230 | 6.57 | 6.48 | 0415 | 95 |
| 12/14/16 | 6.60 | 1745 | 6.59 | 6.51 | 0430 | 96 |
| 12/15/16 | 6.60 | 2245 | 6.59 | 6.58 | 1015 | 96 |
| 12/16/16 | 6.61 | 1230 | 6.59 | 6.57 | 0415 | 96 |
| 12/17/16 | 6.59 | 0545 | 6.58 | 6.56 | 2345 | 96 |
| 12/18/16 | 6.57 | 1245 | 6.56 | 6.55 | 2230 | 96 |
| 12/19/16 | 6.56 | 0000 | 6.56 | 6.54 | 1145 | 96 |
| 12/20/16 | 6.58 | 2230 | 6.57 | 6.56 | 0045 | 96 |
| 12/21/16 | 6.58 | 0015 | 6.57 | 6.55 | 2215 | 96 |
| 12/22/16 | 6.56 | 2130 | 6.56 | 6.55 | 0515 | 96 |
| 12/23/16 | 6.58 | 1315 | 6.56 | 6.56 | 1900 | 96 |
| 12/24/16 | 6.56 | 1415 | 6.56 | 6.56 | 1930 | 96 |
| 12/25/16 | 6.57 | 1745 | 6.56 | 6.56 | 0015 | 96 |
| 12/26/16 | 6.56 | 0015 | 6.55 | 6.55 | 1145 | 96 |
| 12/27/16 | 6.58 | 0000 | 6.54 | 6.54 | 1230 | 96 |
| 12/28/16 | 6.80 | 1215 | 6.66 | 6.53 | 0715 | 89 |
| 12/29/16 | 6.75 | 2345 | 6.72 | 6.71 | 0900 | 96 |
| 12/30/16 | 6.75 | 0030 | 6.73 | 6.72 | 1845 | 96 |
| 12/31/16 | 6.74 | 2315 | 6.72 | 6.71 | 0645 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 6.63 | | 6.60 | 6.57 | | |
| STD DEV.: | 0.08 | | 0.08 | 0.09 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR January 2017

STATION: N5

PARAMETER: PH

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 01/01/17 | 6.74 | 0015 | 6.72 | 6.71 | 0645 | 96 |
| 01/02/17 | 6.73 | 0100 | 6.71 | 6.70 | 0515 | 96 |
| 01/03/17 | 6.73 | 1545 | 6.71 | 6.69 | 0915 | 96 |
| 01/04/17 | 6.72 | 1545 | 6.70 | 6.68 | 0600 | 96 |
| 01/05/17 | 6.75 | 1930 | 6.71 | 6.69 | 0345 | 96 |
| 01/06/17 | 6.81 | 1515 | 6.76 | 6.69 | 0415 | 96 |
| 01/07/17 | 6.77 | 0415 | 6.74 | 6.68 | 2000 | 96 |
| 01/08/17 | 6.72 | 0030 | 6.72 | 6.70 | 2030 | 96 |
| 01/09/17 | 6.71 | 0045 | 6.47 | 6.35 | 0830 | 95 |
| 01/10/17 | 6.37 | 2300 | 6.36 | 6.36 | 0100 | 96 |
| 01/11/17 | 6.66 | 2315 | 6.49 | 6.34 | 1115 | 96 |
| 01/12/17 | 6.66 | 0100 | 6.66 | 6.65 | 0430 | 96 |
| 01/13/17 | 6.68 | 2230 | 6.67 | 6.65 | 0600 | 96 |
| 01/14/17 | 6.70 | 1000 | 6.69 | 6.56 | 2230 | 96 |
| 01/15/17 | 6.72 | 2015 | 6.69 | 6.67 | 1845 | 96 |
| 01/16/17 | 6.69 | 0015 | 6.68 | 6.67 | 1200 | 96 |
| 01/17/17 | 6.69 | 2045 | 6.68 | 6.67 | 1300 | 96 |
| 01/18/17 | 6.69 | 0030 | 6.67 | 6.66 | 1430 | 96 |
| 01/19/17 | 6.68 | 0830 | 6.67 | 6.62 | 1500 | 96 |
| 01/20/17 | 6.73 | 1345 | 6.69 | 6.60 | 0445 | 96 |
| 01/21/17 | 6.73 | 1415 | 6.71 | 6.62 | 0245 | 96 |
| 01/22/17 | 6.73 | 2200 | 6.72 | 6.69 | 1345 | 96 |
| 01/23/17 | 6.74 | 2030 | 6.72 | 6.71 | 0330 | 96 |
| 01/24/17 | 6.76 | 2300 | 6.74 | 6.63 | 1715 | 96 |
| 01/25/17 | 6.78 | 1845 | 6.76 | 6.70 | 0200 | 96 |
| 01/26/17 | 6.79 | 2030 | 6.77 | 6.68 | 0815 | 96 |
| 01/27/17 | 6.79 | 2200 | 6.77 | 6.69 | 1445 | 96 |
| 01/28/17 | 6.81 | 2330 | 6.78 | 6.74 | 1230 | 96 |
| 01/29/17 | 6.81 | 2030 | 6.79 | 6.61 | 1015 | 96 |
| 01/30/17 | 6.80 | 0130 | 6.79 | 6.71 | 1215 | 96 |
| 01/31/17 | 6.81 | 1600 | 6.79 | 6.78 | 0445 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 6.72 | | 6.69 | 6.64 | | |
| STD DEV.: | 0.08 | | 0.10 | 0.11 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR February 2017

STATION: N5

PARAMETER: PH

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 02/01/17 | 6.81 | 1845 | 6.79 | 6.77 | 0900 | 96 |
| 02/02/17 | 6.81 | 0100 | 6.69 | 6.59 | 1215 | 96 |
| 02/03/17 | 6.65 | 2215 | 6.61 | 6.55 | 0915 | 96 |
| 02/04/17 | 6.66 | 2030 | 6.63 | 6.59 | 0845 | 96 |
| 02/05/17 | 6.67 | 1930 | 6.63 | 6.60 | 1115 | 96 |
| 02/06/17 | 6.66 | 0030 | 6.63 | 6.60 | 0830 | 96 |
| 02/07/17 | 6.66 | 2215 | 6.64 | 6.62 | 1015 | 96 |
| 02/08/17 | 6.69 | 2200 | 6.66 | 6.64 | 0400 | 96 |
| 02/09/17 | 6.68 | 0015 | 6.65 | 6.62 | 2300 | 96 |
| 02/10/17 | 6.64 | 2145 | 6.63 | 6.62 | 1245 | 96 |
| 02/11/17 | 6.64 | 0015 | 6.62 | 6.60 | 1000 | 96 |
| 02/12/17 | 6.64 | 0145 | 6.62 | 6.61 | 0300 | 96 |
| 02/13/17 | 6.62 | 0030 | 6.60 | 6.59 | 1600 | 96 |
| 02/14/17 | 6.64 | 2230 | 6.62 | 6.60 | 0030 | 96 |
| 02/15/17 | 6.63 | 0015 | 6.61 | 6.60 | 0945 | 96 |
| 02/16/17 | 6.68 | 1530 | 6.64 | 6.61 | 0615 | 96 |
| 02/17/17 | 6.74 | 2345 | 6.69 | 6.64 | 0200 | 96 |
| 02/18/17 | 6.74 | 1700 | 6.72 | 6.71 | 1245 | 96 |
| 02/19/17 | 6.74 | 1900 | 6.73 | 6.71 | 1700 | 96 |
| 02/20/17 | 6.73 | 2115 | 6.72 | 6.71 | 1600 | 96 |
| 02/21/17 | 6.76 | 2230 | 6.73 | 6.71 | 0545 | 96 |
| 02/22/17 | 6.78 | 1615 | 6.76 | 6.74 | 0400 | 96 |
| 02/23/17 | 6.78 | 1030 | 6.76 | 6.75 | 2145 | 96 |
| 02/24/17 | 6.80 | 1400 | 6.77 | 6.75 | 2200 | 94 |
| 02/25/17 | 6.85 | 0645 | 6.82 | 6.76 | 1500 | 96 |
| 02/26/17 | 6.83 | 0515 | 6.78 | 6.70 | 2215 | 96 |
| 02/27/17 | 6.72 | 0230 | 6.64 | 6.59 | 2345 | 96 |
| 02/28/17 | 6.59 | 0015 | 6.55 | 6.51 | 1115 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 6.71 | | 6.68 | 6.65 | | |
| STD DEV.: | 0.07 | | 0.07 | 0.07 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR March 2017

STATION: N5

PARAMETER: PH

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 03/01/17 | 6.65 | 2215 | 6.59 | 6.55 | 0830 | 96 |
| 03/02/17 | 6.72 | 1645 | 6.67 | 6.62 | 0800 | 96 |
| 03/03/17 | 6.68 | 0015 | 6.62 | 6.53 | 1145 | 96 |
| 03/04/17 | 6.57 | 0015 | 6.51 | 6.46 | 2345 | 96 |
| 03/05/17 | 6.53 | 1430 | 6.49 | 6.44 | 0330 | 96 |
| 03/06/17 | 6.53 | 1400 | 6.49 | 6.45 | 0245 | 96 |
| 03/07/17 | 6.60 | 1945 | 6.54 | 6.49 | 0700 | 96 |
| 03/08/17 | 6.72 | 2345 | 6.62 | 6.54 | 0845 | 96 |
| 03/09/17 | 6.79 | 1815 | 6.74 | 6.69 | 0645 | 96 |
| 03/10/17 | 6.75 | 0230 | 6.73 | 6.69 | 0145 | 96 |
| 03/11/17 | 6.72 | 0145 | 6.65 | 6.61 | 2315 | 96 |
| 03/12/17 | 6.66 | 0500 | 6.62 | 6.58 | 1000 | 96 |
| 03/13/17 | 6.65 | 2015 | 6.63 | 6.60 | 1015 | 96 |
| 03/14/17 | 6.65 | 0415 | 6.53 | 6.39 | 1915 | 96 |
| 03/15/17 | 6.46 | 0200 | 6.42 | 6.37 | 1630 | 96 |
| 03/16/17 | 6.47 | 2130 | 6.43 | 6.39 | 0030 | 96 |
| 03/17/17 | 6.50 | 1145 | 6.45 | 6.42 | 2300 | 96 |
| 03/18/17 | 6.44 | 0015 | 6.42 | 6.39 | 0715 | 96 |
| 03/19/17 | 6.48 | 2245 | 6.45 | 6.42 | 0015 | 96 |
| 03/20/17 | 7.05 | 1015 | 6.41 | 6.33 | 1500 | 96 |
| 03/21/17 | 6.43 | 1715 | 6.39 | 6.34 | 0015 | 96 |
| 03/22/17 | 6.46 | 1430 | 6.41 | 6.38 | 0645 | 96 |
| 03/23/17 | 6.40 | 0030 | 6.37 | 6.34 | 0600 | 96 |
| 03/24/17 | 6.37 | 1415 | 6.36 | 6.34 | 0400 | 96 |
| 03/25/17 | 6.38 | 1845 | 6.36 | 6.34 | 0015 | 96 |
| 03/26/17 | 6.42 | 1945 | 6.37 | 6.31 | 0715 | 96 |
| 03/27/17 | 6.43 | 1230 | 6.40 | 6.38 | 2330 | 96 |
| 03/28/17 | 6.43 | 1615 | 6.39 | 6.36 | 0815 | 96 |
| 03/29/17 | 6.39 | 0015 | 6.35 | 6.29 | 0930 | 96 |
| 03/30/17 | 6.38 | 2345 | 6.34 | 6.31 | 0145 | 96 |
| 03/31/17 | 6.40 | 0200 | 6.36 | 6.32 | 1930 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 6.55 | | 6.49 | 6.44 | | |
| STD DEV.: | 0.16 | | 0.12 | 0.12 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR April 2017

STATION: N5

PARAMETER: PH

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 04/01/17 | 6.34 | 0515 | 6.30 | 6.25 | 2015 | 96 |
| 04/02/17 | 6.33 | 0000 | 6.29 | 6.25 | 0245 | 96 |
| 04/03/17 | 6.40 | 0000 | 6.34 | 6.30 | 0045 | 96 |
| 04/04/17 | 6.42 | 0230 | 6.38 | 6.34 | 2115 | 96 |
| 04/05/17 | 6.38 | 0200 | 6.36 | 6.34 | 1930 | 96 |
| 04/06/17 | 6.37 | 0115 | 6.34 | 6.32 | 1300 | 96 |
| 04/07/17 | 6.35 | 2215 | 6.32 | 6.29 | 0815 | 96 |
| 04/08/17 | 6.35 | 0000 | 6.32 | 6.30 | 0700 | 96 |
| 04/09/17 | 6.38 | 1900 | 6.35 | 6.33 | 0500 | 96 |
| 04/10/17 | 6.45 | 2315 | 6.38 | 6.35 | 1030 | 96 |
| 04/11/17 | 6.52 | 2230 | 6.46 | 6.42 | 0515 | 96 |
| 04/12/17 | 6.58 | 1815 | 6.53 | 6.48 | 0645 | 96 |
| 04/13/17 | 6.57 | 0030 | 6.51 | 6.47 | 2345 | 96 |
| 04/14/17 | 6.50 | 2100 | 6.46 | 6.42 | 0915 | 96 |
| 04/15/17 | 6.53 | 1900 | 6.48 | 6.44 | 0515 | 96 |
| 04/16/17 | 6.61 | 2030 | 6.56 | 6.51 | 0445 | 96 |
| 04/17/17 | 6.66 | 1945 | 6.62 | 6.58 | 0015 | 96 |
| 04/18/17 | 6.67 | 0630 | 6.64 | 6.62 | 1330 | 96 |
| 04/19/17 | 6.64 | 0045 | 6.59 | 6.56 | 1030 | 96 |
| 04/20/17 | 6.62 | 0415 | 6.59 | 6.56 | 1015 | 43 |
| 04/21/17 | 6.31 | 2345 | 6.27 | 6.24 | 1700 | 55 |
| 04/22/17 | 6.33 | 1545 | 6.30 | 6.27 | 1915 | 96 |
| 04/23/17 | 6.34 | 2200 | 6.31 | 6.28 | 0945 | 96 |
| 04/24/17 | 6.81 | 0000 | 6.51 | 6.30 | 0845 | 96 |
| 04/25/17 | 6.81 | 0030 | 6.78 | 6.76 | 1630 | 96 |
| 04/26/17 | 6.83 | 2315 | 6.80 | 6.75 | 0830 | 96 |
| 04/27/17 | 6.89 | 1115 | 6.86 | 6.82 | 0845 | 90 |
| 04/28/17 | 6.88 | 0045 | 6.87 | 6.86 | 0900 | 96 |
| 04/29/17 | 6.86 | 0015 | 6.85 | 6.83 | 0845 | 96 |
| 04/30/17 | 6.86 | 1145 | 6.85 | 6.84 | 0115 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 6.55 | | 6.51 | 6.47 | | |
| STD DEV.: | 0.20 | | 0.20 | 0.20 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR May 2017

STATION: N5

PARAMETER: PH

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 05/01/17 | 6.85 | 0030 | 6.83 | 6.83 | 0930 | 96 |
| 05/02/17 | 6.87 | 0000 | 6.84 | 6.82 | 1345 | 96 |
| 05/03/17 | 7.24 | 1015 | 6.80 | 6.69 | 2330 | 96 |
| 05/04/17 | 6.70 | 1915 | 6.69 | 6.68 | 0400 | 96 |
| 05/05/17 | 6.70 | 0145 | 6.68 | 6.66 | 2300 | 96 |
| 05/06/17 | 6.69 | 1615 | 6.67 | 6.65 | 0915 | 96 |
| 05/07/17 | 6.71 | 1530 | 6.69 | 6.68 | 0715 | 96 |
| 05/08/17 | 6.72 | 1430 | 6.71 | 6.70 | 0515 | 96 |
| 05/09/17 | 6.70 | 0030 | 6.68 | 6.67 | 0000 | 96 |
| 05/10/17 | 6.67 | 1430 | 6.66 | 6.65 | 0545 | 96 |
| 05/11/17 | 6.67 | 1245 | 6.65 | 6.65 | 0600 | 96 |
| 05/12/17 | 6.92 | 1330 | 6.66 | 6.64 | 0945 | 96 |
| 05/13/17 | 6.71 | 2230 | 6.68 | 6.66 | 0700 | 96 |
| 05/14/17 | 6.74 | 2230 | 6.72 | 6.71 | 0015 | 96 |
| 05/15/17 | 6.74 | 0400 | 6.72 | 6.67 | 0000 | 96 |
| 05/16/17 | 6.69 | 1530 | 6.68 | 6.66 | 0530 | 96 |
| 05/17/17 | 6.66 | 0015 | 6.65 | 6.63 | 0700 | 96 |
| 05/18/17 | 6.69 | 2145 | 6.67 | 6.64 | 0715 | 96 |
| 05/19/17 | 6.75 | 2230 | 6.72 | 6.69 | 0615 | 92 |
| 05/20/17 | 6.77 | 1930 | 6.75 | 6.73 | 0600 | 96 |
| 05/21/17 | 6.77 | 1900 | 6.76 | 6.74 | 0545 | 96 |
| 05/22/17 | 6.77 | 0300 | 6.76 | 6.75 | 1030 | 96 |
| 05/23/17 | 6.79 | 1815 | 6.78 | 6.76 | 0600 | 96 |
| 05/24/17 | 6.81 | 1815 | 6.80 | 6.79 | 0845 | 96 |
| 05/25/17 | 6.83 | 1545 | 6.81 | 6.80 | 0915 | 96 |
| 05/26/17 | 6.84 | 0345 | 6.82 | 6.81 | 1030 | 96 |
| 05/27/17 | 6.86 | 1315 | 6.84 | 6.82 | 2015 | 96 |
| 05/28/17 | 6.83 | 2000 | 6.82 | 6.80 | 0045 | 96 |
| 05/29/17 | 6.83 | 0015 | 6.80 | 6.77 | 2230 | 96 |
| 05/30/17 | 6.77 | 0015 | 6.76 | 6.75 | 0930 | 96 |
| 05/31/17 | 6.79 | 2030 | 6.77 | 6.76 | 0915 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 6.78 | | 6.74 | 6.72 | | |
| STD DEV.: | 0.11 | | 0.06 | 0.06 | | |

Station N-10
Temperature

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PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR June 2016

STATION: N10

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 06/01/16 | 23.02 | 1400 | 22.35 | 21.48 | 0700 | 96 |
| 06/02/16 | 22.56 | 0015 | 22.05 | 21.59 | 1000 | 96 |
| 06/03/16 | 21.81 | 1700 | 21.59 | 21.32 | 1045 | 96 |
| 06/04/16 | 22.68 | 1645 | 21.87 | 21.21 | 0545 | 96 |
| 06/05/16 | 21.97 | 0015 | 21.55 | 21.02 | 2100 | 96 |
| 06/06/16 | 21.74 | 1500 | 21.35 | 20.99 | 0800 | 96 |
| 06/07/16 | 21.53 | 0345 | 21.22 | 20.98 | 1915 | 96 |
| 06/08/16 | 21.21 | 1130 | 20.90 | 20.04 | 0000 | 96 |
| 06/09/16 | 19.99 | 0015 | 18.96 | 17.73 | 0000 | 96 |
| 06/10/16 | 18.50 | 1730 | 17.90 | 17.30 | 0745 | 96 |
| 06/11/16 | 18.39 | 1545 | 18.08 | 17.66 | 0645 | 96 |
| 06/12/16 | 18.61 | 1330 | 18.05 | 17.34 | 0000 | 96 |
| 06/13/16 | 17.78 | 1500 | 17.27 | 16.75 | 0700 | 96 |
| 06/14/16 | 18.51 | 1700 | 17.49 | 16.50 | 0545 | 96 |
| 06/15/16 | 19.59 | 1800 | 18.65 | 17.58 | 0600 | 96 |
| 06/16/16 | 20.87 | 1615 | 19.67 | 18.56 | 0615 | 96 |
| 06/17/16 | 21.59 | 1845 | 20.42 | 19.29 | 0600 | 96 |
| 06/18/16 | 22.08 | 1630 | 21.14 | 20.21 | 0615 | 96 |
| 06/19/16 | 22.87 | 1730 | 21.93 | 21.19 | 0615 | 96 |
| 06/20/16 | 23.81 | 1745 | 22.80 | 22.01 | 0445 | 96 |
| 06/21/16 | 24.70 | 1615 | 23.73 | 22.95 | 0330 | 96 |
| 06/22/16 | 23.83 | 1415 | 23.39 | 22.90 | 0530 | 96 |
| 06/23/16 | 24.03 | 1700 | 23.29 | 22.55 | 0545 | 96 |
| 06/24/16 | 23.81 | 1645 | 22.87 | 22.02 | 0630 | 96 |
| 06/25/16 | 23.88 | 1645 | 22.94 | 22.08 | 0600 | 96 |
| 06/26/16 | 24.62 | 1745 | 23.69 | 22.89 | 0530 | 96 |
| 06/27/16 | 24.99 | 1545 | 24.34 | 23.77 | 0730 | 96 |
| 06/28/16 | 24.43 | 1315 | 24.26 | 23.79 | 2345 | 96 |
| 06/29/16 | 25.06 | 1745 | 24.09 | 23.38 | 0745 | 96 |
| 06/30/16 | 25.49 | 1715 | 24.41 | 23.46 | 0600 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 22.13 | | 21.41 | 20.68 | | |
| STD DEV.: | 2.27 | | 2.23 | 2.28 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR July 2016

STATION: N10

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 07/01/16 | 25.58 | 1630 | 24.83 | 24.11 | 0500 | 96 |
| 07/02/16 | 25.29 | 1430 | 24.68 | 23.96 | 0000 | 96 |
| 07/03/16 | 24.61 | 1530 | 24.09 | 23.57 | 0530 | 96 |
| 07/04/16 | 24.78 | 1800 | 23.80 | 22.86 | 0630 | 96 |
| 07/05/16 | 25.45 | 1745 | 24.52 | 23.79 | 0615 | 96 |
| 07/06/16 | 26.81 | 1700 | 25.58 | 24.45 | 0500 | 96 |
| 07/07/16 | 26.86 | 1630 | 25.79 | 24.87 | 0615 | 96 |
| 07/08/16 | 25.74 | 0015 | 25.30 | 24.66 | 0000 | 96 |
| 07/09/16 | 24.63 | 0015 | 23.97 | 23.18 | 0000 | 96 |
| 07/10/16 | 23.15 | 0015 | 22.73 | 21.95 | 0000 | 79 |
| 07/11/16 | 23.44 | 1645 | 22.34 | 21.21 | 0630 | 96 |
| 07/12/16 | 24.00 | 1645 | 22.83 | 21.62 | 0530 | 96 |
| 07/13/16 | 25.79 | 1800 | 24.55 | 23.37 | 0100 | 96 |
| 07/14/16 | 26.09 | 1730 | 25.31 | 24.70 | 0615 | 96 |
| 07/15/16 | 26.98 | 1745 | 25.85 | 24.85 | 0600 | 96 |
| 07/16/16 | 26.76 | 1515 | 26.02 | 25.31 | 0545 | 96 |
| 07/17/16 | 27.38 | 1630 | 26.56 | 25.94 | 0645 | 96 |
| 07/18/16 | 27.00 | 1345 | 26.59 | 26.22 | 0615 | 96 |
| 07/19/16 | 26.53 | 1400 | 26.08 | 25.11 | 0000 | 96 |
| 07/20/16 | 25.50 | 1430 | 25.02 | 24.63 | 0000 | 96 |
| 07/21/16 | 25.59 | 1615 | 24.76 | 23.92 | 0630 | 96 |
| 07/22/16 | 26.12 | 1645 | 25.08 | 24.06 | 0630 | 96 |
| 07/23/16 | 27.05 | 1630 | 25.73 | 24.52 | 0545 | 96 |
| 07/24/16 | 26.85 | 1515 | 25.85 | 24.73 | 0615 | 96 |
| 07/25/16 | 26.74 | 1615 | 26.05 | 25.25 | 0645 | 96 |
| 07/26/16 | 26.96 | 1530 | 26.17 | 25.42 | 0430 | 96 |
| 07/27/16 | 27.78 | 1715 | 26.44 | 25.11 | 0545 | 96 |
| 07/28/16 | 27.84 | 1800 | 26.86 | 25.80 | 0600 | 96 |
| 07/29/16 | 27.66 | 1745 | 26.82 | 26.04 | 0745 | 96 |
| 07/30/16 | 27.41 | 1715 | 26.72 | 25.94 | 0615 | 96 |
| 07/31/16 | 26.68 | 0015 | 25.91 | 25.54 | 2345 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 26.10 | | 25.25 | 24.41 | | |
| STD DEV.: | 1.24 | | 1.22 | 1.28 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR August 2016

STATION: N10

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|----------|--------------------|------|------------------|--------------------|------|-------------|
| 08/01/16 | 25.50 | 0100 | 24.97 | 24.19 | 2330 | 96 |
| 08/02/16 | 25.38 | 1700 | 24.53 | 23.87 | 0430 | 96 |
| 08/03/16 | 25.43 | 1745 | 24.36 | 23.41 | 0730 | 96 |
| 08/04/16 | 25.92 | 1745 | 24.51 | 23.26 | 0645 | 96 |
| 08/05/16 | 26.51 | 1845 | 25.09 | 23.80 | 0700 | 96 |
| 08/06/16 | 26.53 | 1745 | 25.63 | 24.82 | 0800 | 96 |
| 08/07/16 | 26.54 | 1600 | 25.76 | 24.89 | 0700 | 96 |
| 08/08/16 | 26.67 | 1600 | 25.66 | 24.60 | 0615 | 96 |
| 08/09/16 | 27.12 | 1730 | 25.80 | 24.59 | 0645 | 96 |
| 08/10/16 | 26.07 | 0030 | 25.25 | 24.76 | 1130 | 96 |
| 08/11/16 | 27.32 | 1845 | 25.97 | 24.86 | 0715 | 96 |
| 08/12/16 | 27.82 | 1630 | 26.65 | 25.62 | 0730 | 96 |
| 08/13/16 | 27.00 | 0015 | 26.12 | 25.59 | 0000 | 96 |
| 08/14/16 | 27.49 | 1645 | 26.45 | 25.31 | 0515 | 96 |
| 08/15/16 | 26.93 | 0015 | 26.50 | 25.86 | 0000 | 96 |
| 08/16/16 | 25.98 | 1430 | 25.69 | 25.46 | 0000 | 96 |
| 08/17/16 | 25.57 | 1030 | 25.24 | 24.45 | 0000 | 96 |
| 08/18/16 | 25.76 | 1645 | 24.78 | 23.86 | 0615 | 96 |
| 08/19/16 | 26.07 | 1600 | 25.07 | 24.16 | 0700 | 96 |
| 08/20/16 | 25.77 | 1645 | 24.91 | 24.01 | 0630 | 96 |
| 08/21/16 | 25.82 | 1415 | 25.02 | 24.24 | 0815 | 96 |
| 08/22/16 | 25.17 | 1345 | 24.60 | 23.36 | 0000 | 96 |
| 08/23/16 | 25.10 | 1545 | 24.10 | 23.06 | 0545 | 96 |
| 08/24/16 | 24.97 | 1515 | 24.13 | 23.34 | 0645 | 96 |
| 08/25/16 | 25.12 | 1715 | 24.23 | 23.31 | 0600 | 96 |
| 08/26/16 | 25.43 | 1745 | 24.55 | 23.79 | 0800 | 96 |
| 08/27/16 | 26.20 | 1800 | 24.96 | 23.73 | 0530 | 96 |
| 08/28/16 | 26.01 | 1730 | 25.15 | 24.21 | 0645 | 96 |
| 08/29/16 | 25.45 | 1515 | 24.89 | 24.28 | 0000 | 96 |
| 08/30/16 | 25.59 | 1745 | 24.56 | 23.56 | 0630 | 96 |
| 08/31/16 | 24.96 | 1800 | 24.45 | 23.87 | 0745 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 26.04 | | 25.15 | 24.26 | | |
| STD DEV. | 0.78 | | 0.71 | 0.77 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR September 2016

STATION: N10

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 09/01/16 | 24.96 | 1530 | 24.36 | 23.85 | 0800 | 96 |
| 09/02/16 | 24.46 | 1600 | 23.78 | 22.98 | 0730 | 96 |
| 09/03/16 | 24.31 | 1745 | 23.37 | 22.47 | 0715 | 96 |
| 09/04/16 | 23.65 | 1945 | 23.01 | 22.29 | 0730 | 96 |
| 09/05/16 | 23.04 | 1830 | 22.43 | 21.69 | 0800 | 96 |
| 09/06/16 | 22.63 | 0015 | 22.28 | 21.92 | 0930 | 96 |
| 09/07/16 | 22.66 | 2015 | 22.40 | 22.11 | 0830 | 96 |
| 09/08/16 | 23.30 | 1915 | 22.63 | 22.02 | 0915 | 96 |
| 09/09/16 | 24.63 | 1815 | 23.50 | 22.59 | 0645 | 96 |
| 09/10/16 | 23.94 | 0015 | 23.34 | 23.06 | 0730 | 96 |
| 09/11/16 | 23.67 | 1445 | 23.18 | 22.71 | 0000 | 96 |
| 09/12/16 | 23.62 | 1800 | 22.64 | 21.42 | 0545 | 96 |
| 09/13/16 | 23.59 | 1800 | 22.63 | 21.65 | 0715 | 96 |
| 09/14/16 | 22.97 | 1515 | 22.41 | 21.89 | 0000 | 96 |
| 09/15/16 | 22.10 | 1915 | 21.49 | 20.68 | 0700 | 96 |
| 09/16/16 | 21.69 | 1900 | 21.16 | 20.46 | 0815 | 96 |
| 09/17/16 | 21.48 | 1930 | 21.05 | 20.48 | 0730 | 96 |
| 09/18/16 | 21.28 | 0015 | 21.00 | 20.73 | 0915 | 96 |
| 09/19/16 | 21.14 | 0015 | 20.88 | 20.54 | 1245 | 96 |
| 09/20/16 | 22.40 | 1715 | 21.41 | 20.74 | 0615 | 96 |
| 09/21/16 | 22.22 | 1730 | 21.68 | 21.14 | 0730 | 96 |
| 09/22/16 | 22.70 | 1745 | 21.66 | 21.00 | 0730 | 96 |
| 09/23/16 | 21.99 | 0015 | 21.71 | 21.40 | 0000 | 96 |
| 09/24/16 | 21.39 | 0015 | 20.81 | 20.37 | 2345 | 96 |
| 09/25/16 | 20.35 | 0015 | 19.52 | 19.05 | 0000 | 96 |
| 09/26/16 | 19.14 | 1445 | 18.78 | 18.19 | 0715 | 96 |
| 09/27/16 | 18.91 | 0015 | 18.48 | 18.17 | 0945 | 96 |
| 09/28/16 | 18.41 | 0030 | 17.76 | 17.01 | 0000 | 96 |
| 09/29/16 | 17.26 | 1930 | 16.87 | 16.40 | 0715 | 96 |
| 09/30/16 | 16.97 | 0015 | 16.57 | 16.18 | 0845 | 96 |
| | | | | | | |
| AVERAGE | 22.03 | | 21.43 | 20.84 | | |
| STD DEV.: | 2.12 | | 2.02 | 1.96 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR October 2016

STATION: N10

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 10/01/16 | 16.66 | 0015 | 16.33 | 16.13 | 0000 | 96 |
| 10/02/16 | 16.13 | 0015 | 15.95 | 15.81 | 0745 | 96 |
| 10/03/16 | 16.68 | 1600 | 16.16 | 15.72 | 0815 | 96 |
| 10/04/16 | 16.66 | 1615 | 16.40 | 16.08 | 0845 | 96 |
| 10/05/16 | 16.65 | 1600 | 16.11 | 15.56 | 0815 | 96 |
| 10/06/16 | 17.16 | 1630 | 16.35 | 15.62 | 0815 | 96 |
| 10/07/16 | 17.63 | 1700 | 16.85 | 16.23 | 0745 | 96 |
| 10/08/16 | 17.18 | 0015 | 16.91 | 16.52 | 0845 | 96 |
| 10/09/16 | 17.10 | 0030 | 16.63 | 16.10 | 0000 | 96 |
| 10/10/16 | 16.06 | 0015 | 15.30 | 14.89 | 0000 | 96 |
| 10/11/16 | 15.19 | 1945 | 14.70 | 14.17 | 0700 | 96 |
| 10/12/16 | 14.56 | 0015 | 14.29 | 13.84 | 0000 | 96 |
| 10/13/16 | 14.47 | 1730 | 13.95 | 13.46 | 0630 | 96 |
| 10/14/16 | 13.83 | 0015 | 13.42 | 13.01 | 0745 | 96 |
| 10/15/16 | 13.70 | 1930 | 13.24 | 12.68 | 0730 | 96 |
| 10/16/16 | 13.41 | 2230 | 13.12 | 12.80 | 0700 | 96 |
| 10/17/16 | 14.10 | 1845 | 13.53 | 13.02 | 0730 | 96 |
| 10/18/16 | 13.93 | 0015 | 13.63 | 13.54 | 0815 | 96 |
| 10/19/16 | 14.63 | 1930 | 13.91 | 13.35 | 0645 | 96 |
| 10/20/16 | 14.38 | 2045 | 14.00 | 13.59 | 0845 | 96 |
| 10/21/16 | 14.88 | 2045 | 14.49 | 14.27 | 0615 | 96 |
| 10/22/16 | 15.06 | 0215 | 14.73 | 13.97 | 2345 | 96 |
| 10/23/16 | 14.13 | 0100 | 13.36 | 13.07 | 1545 | 96 |
| 10/24/16 | 13.09 | 1215 | 12.75 | 11.79 | 0000 | 96 |
| 10/25/16 | 11.72 | 0015 | 10.93 | 10.15 | 2245 | 96 |
| 10/26/16 | 10.21 | 0015 | 9.95 | 9.58 | 0000 | 96 |
| 10/27/16 | 9.55 | 0015 | 9.19 | 9.03 | 0815 | 96 |
| 10/28/16 | 9.11 | 0015 | 8.92 | 8.57 | 0000 | 96 |
| 10/29/16 | 8.55 | 0015 | 8.49 | 8.40 | 0830 | 96 |
| 10/30/16 | 8.81 | 1345 | 8.58 | 8.40 | 0000 | 96 |
| 10/31/16 | 8.40 | 0015 | 8.27 | 7.97 | 0000 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 13.99 | | 13.56 | 13.14 | | |
| STD DEV.: | 2.81 | | 2.72 | 2.67 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR November 2016

STATION: N10

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 11/01/16 | 7.96 | 0015 | 7.67 | 7.34 | 0000 | 96 |
| 11/02/16 | 7.76 | 1630 | 7.52 | 7.32 | 0145 | 96 |
| 11/03/16 | 7.96 | 1830 | 7.77 | 7.61 | 0030 | 96 |
| 11/04/16 | 7.89 | 1400 | 7.69 | 7.43 | 0000 | 96 |
| 11/05/16 | 7.41 | 0015 | 7.06 | 6.86 | 0000 | 96 |
| 11/06/16 | 7.14 | 1515 | 6.97 | 6.83 | 0245 | 96 |
| 11/07/16 | 7.15 | 1445 | 6.91 | 6.72 | 0745 | 96 |
| 11/08/16 | 6.88 | 1715 | 6.62 | 6.28 | 0815 | 96 |
| 11/09/16 | 6.68 | 0015 | 6.54 | 6.29 | 0830 | 96 |
| 11/10/16 | 6.94 | 1815 | 6.67 | 6.44 | 0915 | 96 |
| 11/11/16 | 6.79 | 1515 | 6.48 | 5.92 | 0000 | 96 |
| 11/12/16 | 5.96 | 1715 | 5.64 | 5.35 | 0500 | 96 |
| 11/13/16 | 6.15 | 1645 | 5.74 | 5.45 | 0345 | 96 |
| 11/14/16 | 6.00 | 1745 | 5.57 | 5.23 | 0745 | 96 |
| 11/15/16 | 6.19 | 1900 | 5.91 | 5.63 | 0215 | 96 |
| 11/16/16 | 6.56 | 0000 | 6.35 | 6.07 | 0145 | 96 |
| 11/17/16 | 6.90 | 1245 | 6.68 | 6.51 | 0000 | 96 |
| 11/18/16 | 6.64 | 1430 | 6.45 | 6.26 | 0630 | 96 |
| 11/19/16 | 6.74 | 1500 | 6.42 | 6.12 | 0745 | 96 |
| 11/20/16 | 6.81 | 1715 | 6.60 | 6.44 | 0715 | 96 |
| 11/21/16 | 6.47 | 0015 | 6.00 | 5.44 | 0000 | 96 |
| 11/22/16 | 5.41 | 0015 | 4.74 | 4.19 | 0000 | 96 |
| 11/23/16 | 4.18 | 1600 | 3.94 | 3.72 | 0930 | 96 |
| 11/24/16 | 4.00 | 2145 | 3.85 | 3.73 | 0900 | 96 |
| 11/25/16 | 3.98 | 0015 | 3.90 | 3.86 | 1015 | 96 |
| 11/26/16 | 4.01 | 1745 | 3.93 | 3.83 | 0830 | 96 |
| 11/27/16 | 3.99 | 0015 | 3.88 | 3.74 | 1000 | 96 |
| 11/28/16 | 3.87 | 0015 | 3.63 | 3.51 | 0000 | 96 |
| 11/29/16 | 3.50 | 0015 | 3.28 | 3.18 | 1515 | 96 |
| 11/30/16 | 3.32 | 2200 | 3.19 | 3.08 | 0800 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 6.04 | | 5.79 | 5.55 | | |
| STD DEV.: | 1.47 | | 1.44 | 1.41 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR April 2017

STATION: N10

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 04/01/17 | 1.71 | 0015 | 1.71 | 1.71 | 0015 | 1 |
| 04/10/17 | 4.06 | 1230 | 4.00 | 3.74 | 0945 | 58 |
| 04/11/17 | 6.17 | 2045 | 5.14 | 4.06 | 0745 | 96 |
| 04/12/17 | 6.48 | 1730 | 6.27 | 6.11 | 0645 | 96 |
| 04/13/17 | 6.23 | 0015 | 5.76 | 5.37 | 0000 | 96 |
| 04/14/17 | 5.57 | 1830 | 5.18 | 4.72 | 0745 | 96 |
| 04/15/17 | 6.37 | 0000 | 5.69 | 5.09 | 0700 | 96 |
| 04/16/17 | 8.00 | 2100 | 7.10 | 6.32 | 0545 | 96 |
| 04/17/17 | 8.96 | 1700 | 8.45 | 7.91 | 0545 | 96 |
| 04/18/17 | 9.14 | 1815 | 8.78 | 8.39 | 0745 | 96 |
| 04/19/17 | 8.88 | 0015 | 8.42 | 8.18 | 0815 | 96 |
| 04/20/17 | 8.70 | 1815 | 8.48 | 8.16 | 0715 | 96 |
| 04/21/17 | 8.66 | 0015 | 8.28 | 8.04 | 2345 | 96 |
| 04/22/17 | 8.02 | 0015 | 7.74 | 7.46 | 0000 | 96 |
| 04/23/17 | 8.53 | 2000 | 7.89 | 7.18 | 0545 | 96 |
| 04/24/17 | 9.09 | 2045 | 8.54 | 8.00 | 0545 | 96 |
| 04/25/17 | 8.97 | 0015 | 8.71 | 8.42 | 2345 | 96 |
| 04/26/17 | 9.26 | 0000 | 8.81 | 8.39 | 0130 | 96 |
| 04/27/17 | 9.92 | 2215 | 9.56 | 9.26 | 0015 | 96 |
| 04/28/17 | 10.56 | 2245 | 10.05 | 9.60 | 0800 | 96 |
| 04/29/17 | 10.98 | 1745 | 10.62 | 10.26 | 0645 | 96 |
| 04/30/17 | 11.29 | 1745 | 10.93 | 10.49 | 0545 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 7.98 | | 7.55 | 7.13 | | |
| STD DEV.: | 2.29 | | 2.25 | 2.25 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR May 2017

STATION: N10

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 05/01/17 | 10.95 | 0015 | 10.63 | 10.34 | 0000 | 96 |
| 05/02/17 | 10.43 | 1730 | 10.20 | 9.95 | 0815 | 96 |
| 05/03/17 | 10.46 | 1600 | 10.18 | 9.90 | 0000 | 96 |
| 05/04/17 | 10.47 | 2215 | 9.98 | 9.46 | 0715 | 96 |
| 05/05/17 | 10.41 | 0015 | 10.07 | 9.79 | 0000 | 96 |
| 05/06/17 | 10.32 | 1745 | 9.97 | 9.70 | 0545 | 96 |
| 05/07/17 | 10.87 | 1715 | 10.46 | 10.06 | 0545 | 96 |
| 05/08/17 | 10.77 | 0015 | 10.53 | 10.21 | 0000 | 96 |
| 05/09/17 | 10.20 | 0015 | 10.04 | 9.85 | 0730 | 96 |
| 05/10/17 | 10.25 | 1730 | 9.97 | 9.66 | 0615 | 96 |
| 05/11/17 | 10.63 | 1700 | 10.22 | 9.80 | 0445 | 96 |
| 05/12/17 | 10.88 | 1745 | 10.53 | 10.24 | 0630 | 96 |
| 05/13/17 | 11.23 | 2130 | 10.84 | 10.43 | 0645 | 96 |
| 05/14/17 | 11.18 | 0015 | 10.79 | 10.58 | 0000 | 96 |
| 05/15/17 | 10.56 | 0015 | 10.28 | 9.91 | 2330 | 96 |
| 05/16/17 | 11.16 | 1730 | 10.55 | 9.91 | 0015 | 96 |
| 05/17/17 | 12.25 | 2200 | 11.43 | 10.73 | 0545 | 96 |
| 05/18/17 | 14.30 | 2330 | 13.18 | 12.22 | 0200 | 96 |
| 05/19/17 | 15.94 | 1915 | 15.10 | 14.28 | 0315 | 92 |
| 05/20/17 | 16.40 | 1815 | 15.91 | 15.42 | 0800 | 96 |
| 05/21/17 | 16.61 | 2145 | 16.13 | 15.56 | 0730 | 96 |
| 05/22/17 | 16.55 | 0015 | 15.88 | 15.24 | 0000 | 96 |
| 05/23/17 | 15.58 | 2300 | 15.17 | 14.74 | 0745 | 96 |
| 05/24/17 | 15.58 | 0015 | 15.34 | 15.07 | 0900 | 96 |
| 05/25/17 | 15.34 | 0015 | 15.00 | 14.75 | 2345 | 96 |
| 05/26/17 | 14.74 | 0015 | 14.40 | 14.09 | 1015 | 96 |
| 05/27/17 | 14.77 | 1915 | 14.38 | 13.93 | 0715 | 96 |
| 05/28/17 | 15.38 | 1945 | 14.83 | 14.29 | 0645 | 96 |
| 05/29/17 | 15.22 | 0015 | 14.69 | 14.29 | 0000 | 96 |
| 05/30/17 | 14.38 | 2000 | 14.21 | 13.99 | 0845 | 96 |
| 05/31/17 | 14.67 | 2330 | 14.30 | 13.99 | 0815 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 12.85 | | 12.43 | 12.01 | | |
| STD DEV.: | 2.42 | | 2.35 | 2.30 | | |

Station S-4
Temperature

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PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR June 2016

STATION: S4

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 06/01/16 | 23.48 | 1645 | 22.36 | 21.52 | 0600 | 96 |
| 06/02/16 | 22.77 | 1700 | 22.07 | 21.64 | 0000 | 96 |
| 06/03/16 | 22.14 | 1815 | 21.63 | 21.19 | 0715 | 96 |
| 06/04/16 | 22.87 | 1845 | 21.90 | 21.06 | 0600 | 96 |
| 06/05/16 | 22.38 | 0015 | 21.58 | 20.85 | 2215 | 96 |
| 06/06/16 | 22.12 | 1530 | 21.43 | 20.79 | 0115 | 96 |
| 06/07/16 | 21.69 | 1430 | 21.27 | 20.82 | 2245 | 96 |
| 06/08/16 | 21.50 | 1300 | 20.98 | 20.07 | 0000 | 96 |
| 06/09/16 | 20.01 | 0015 | 19.12 | 17.87 | 0000 | 96 |
| 06/10/16 | 18.71 | 1630 | 17.94 | 17.16 | 0630 | 96 |
| 06/11/16 | 18.32 | 1715 | 18.03 | 17.63 | 0545 | 96 |
| 06/12/16 | 18.95 | 1400 | 18.24 | 17.34 | 0000 | 96 |
| 06/13/16 | 18.01 | 1630 | 17.33 | 16.76 | 0630 | 96 |
| 06/14/16 | 18.64 | 1715 | 17.56 | 16.50 | 0615 | 96 |
| 06/15/16 | 19.64 | 1815 | 18.69 | 17.71 | 0530 | 96 |
| 06/16/16 | 21.05 | 1730 | 19.74 | 18.66 | 0615 | 96 |
| 06/17/16 | 21.63 | 1830 | 20.41 | 19.49 | 0745 | 96 |
| 06/18/16 | 22.40 | 1645 | 21.20 | 20.38 | 0930 | 96 |
| 06/19/16 | 23.41 | 1715 | 22.03 | 20.87 | 0600 | 96 |
| 06/20/16 | 24.30 | 1700 | 22.92 | 21.72 | 0600 | 96 |
| 06/21/16 | 24.84 | 1800 | 23.72 | 22.77 | 0630 | 96 |
| 06/22/16 | 23.96 | 0015 | 23.31 | 22.82 | 0945 | 96 |
| 06/23/16 | 24.16 | 1845 | 23.32 | 22.52 | 0630 | 96 |
| 06/24/16 | 23.87 | 1930 | 23.14 | 22.38 | 0945 | 96 |
| 06/25/16 | 24.41 | 1730 | 23.14 | 22.13 | 0900 | 96 |
| 06/26/16 | 24.91 | 1700 | 23.67 | 22.48 | 0530 | 96 |
| 06/27/16 | 25.27 | 1630 | 24.47 | 23.80 | 0530 | 96 |
| 06/28/16 | 24.70 | 1515 | 24.29 | 23.98 | 0630 | 96 |
| 06/29/16 | 25.14 | 1745 | 24.14 | 23.53 | 1100 | 94 |
| 06/30/16 | 25.46 | 1845 | 24.48 | 23.57 | 0900 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 22.36 | | 21.47 | 20.67 | | |
| STD DEV.: | 2.30 | | 2.23 | 2.27 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR July 2016

STATION: S4

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 07/01/16 | 25.66 | 1715 | 24.90 | 23.98 | 0645 | 96 |
| 07/02/16 | 25.46 | 1700 | 24.75 | 24.23 | 0915 | 96 |
| 07/03/16 | 25.22 | 1615 | 24.24 | 23.33 | 0600 | 96 |
| 07/04/16 | 24.80 | 1815 | 23.88 | 22.95 | 0900 | 96 |
| 07/05/16 | 25.96 | 0000 | 24.65 | 23.86 | 0645 | 96 |
| 07/06/16 | 27.31 | 2230 | 25.97 | 24.74 | 0845 | 96 |
| 07/07/16 | 27.79 | 2030 | 26.70 | 25.57 | 1145 | 96 |
| 07/08/16 | 27.37 | 0030 | 25.98 | 23.73 | 0000 | 96 |
| 07/09/16 | 23.68 | 0015 | 22.62 | 21.68 | 0000 | 96 |
| 07/10/16 | 21.91 | 1645 | 21.63 | 21.27 | 0000 | 71 |
| 07/11/16 | 22.80 | 1830 | 21.56 | 20.68 | 0745 | 96 |
| 07/12/16 | 24.06 | 1715 | 22.58 | 21.06 | 0700 | 96 |
| 07/13/16 | 26.76 | 1900 | 24.58 | 22.81 | 0545 | 96 |
| 07/14/16 | 26.73 | 2115 | 25.76 | 25.02 | 1245 | 96 |
| 07/15/16 | 27.72 | 1900 | 26.34 | 25.05 | 0930 | 96 |
| 07/16/16 | 27.04 | 1545 | 26.14 | 25.30 | 0830 | 96 |
| 07/17/16 | 27.64 | 1700 | 26.35 | 25.28 | 0615 | 96 |
| 07/18/16 | 27.11 | 1430 | 26.54 | 25.80 | 0545 | 96 |
| 07/19/16 | 26.68 | 1445 | 26.07 | 25.07 | 0000 | 96 |
| 07/20/16 | 25.83 | 1515 | 24.98 | 23.99 | 0615 | 96 |
| 07/21/16 | 27.05 | 1915 | 24.97 | 23.97 | 0615 | 96 |
| 07/22/16 | 26.30 | 1745 | 25.52 | 24.65 | 0800 | 96 |
| 07/23/16 | 26.63 | 1715 | 25.80 | 24.99 | 0930 | 96 |
| 07/24/16 | 26.68 | 1700 | 25.73 | 24.92 | 0830 | 96 |
| 07/25/16 | 28.25 | 1145 | 26.65 | 25.23 | 0600 | 96 |
| 07/26/16 | 27.31 | 0130 | 25.29 | 24.18 | 0930 | 96 |
| 07/27/16 | 28.54 | 2300 | 25.40 | 23.80 | 1100 | 96 |
| 07/28/16 | 28.49 | 1900 | 27.72 | 26.67 | 1200 | 96 |
| 07/29/16 | 28.18 | 0130 | 27.24 | 26.43 | 1100 | 96 |
| 07/30/16 | 27.46 | 1845 | 26.83 | 26.41 | 0845 | 96 |
| 07/31/16 | 26.78 | 0015 | 26.03 | 25.53 | 2345 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 26.43 | | 25.27 | 24.26 | | |
| STD DEV.: | 1.62 | | 1.52 | 1.54 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR August 2016

STATION: S4

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 08/01/16 | 25.49 | 0015 | 25.19 | 24.60 | 2345 | 96 |
| 08/02/16 | 25.34 | 1815 | 24.66 | 24.02 | 0815 | 96 |
| 08/03/16 | 25.50 | 1730 | 24.53 | 23.69 | 0900 | 96 |
| 08/04/16 | 25.73 | 1945 | 24.45 | 23.50 | 0830 | 96 |
| 08/05/16 | 26.09 | 1915 | 25.03 | 24.42 | 0900 | 96 |
| 08/06/16 | 26.61 | 1615 | 25.73 | 25.21 | 1000 | 96 |
| 08/07/16 | 26.38 | 1745 | 25.70 | 25.25 | 0845 | 96 |
| 08/08/16 | 26.53 | 1730 | 25.59 | 24.75 | 0930 | 96 |
| 08/09/16 | 26.54 | 1945 | 25.61 | 24.88 | 0915 | 96 |
| 08/10/16 | 26.16 | 0015 | 25.51 | 25.19 | 1300 | 96 |
| 08/11/16 | 26.76 | 0000 | 25.80 | 25.18 | 0415 | 96 |
| 08/12/16 | 28.33 | 2045 | 27.51 | 26.53 | 0015 | 96 |
| 08/13/16 | 28.43 | 0230 | 27.81 | 27.36 | 1715 | 96 |
| 08/14/16 | 27.87 | 1930 | 26.95 | 25.79 | 0930 | 96 |
| 08/15/16 | 27.70 | 0045 | 26.89 | 26.13 | 0000 | 96 |
| 08/16/16 | 27.67 | 1515 | 26.18 | 25.47 | 0600 | 96 |
| 08/17/16 | 28.14 | 1215 | 26.78 | 25.55 | 0000 | 92 |
| 08/18/16 | 27.27 | 1845 | 25.51 | 24.59 | 1015 | 96 |
| 08/19/16 | 26.35 | 1645 | 25.45 | 24.47 | 0845 | 96 |
| 08/20/16 | 25.62 | 1845 | 24.93 | 24.15 | 0945 | 96 |
| 08/21/16 | 25.92 | 1800 | 25.13 | 24.51 | 0645 | 96 |
| 08/22/16 | 25.29 | 1615 | 24.72 | 23.75 | 0000 | 96 |
| 08/23/16 | 25.35 | 1715 | 23.98 | 22.73 | 0715 | 96 |
| 08/24/16 | 25.50 | 1715 | 24.28 | 23.27 | 0700 | 96 |
| 08/25/16 | 25.12 | 1900 | 24.30 | 23.36 | 0645 | 96 |
| 08/26/16 | 25.42 | 1745 | 24.59 | 23.86 | 0800 | 96 |
| 08/27/16 | 26.14 | 1745 | 24.93 | 24.15 | 1000 | 96 |
| 08/28/16 | 25.98 | 1700 | 25.21 | 24.51 | 0845 | 96 |
| 08/29/16 | 25.59 | 1515 | 24.98 | 24.43 | 0000 | 96 |
| 08/30/16 | 24.38 | 0015 | 22.42 | 21.71 | 0700 | 96 |
| 08/31/16 | 24.01 | 1630 | 23.18 | 22.01 | 0700 | 71 |
| <hr/> | | | | | | |
| AVERAGE | 26.23 | | 25.27 | 24.48 | | |
| STD DEV.: | 1.11 | | 1.15 | 1.21 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR September 2016

STATION: S4

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 09/01/16 | 25.53 | 2245 | 24.72 | 23.71 | 0045 | 96 |
| 09/02/16 | 25.76 | 1645 | 25.05 | 24.56 | 0730 | 96 |
| 09/03/16 | 25.45 | 1800 | 24.67 | 24.04 | 1015 | 96 |
| 09/04/16 | 24.98 | 1800 | 24.42 | 24.03 | 0800 | 96 |
| 09/05/16 | 24.31 | 0015 | 23.77 | 23.33 | 1145 | 96 |
| 09/06/16 | 24.13 | 1745 | 23.67 | 23.40 | 0215 | 96 |
| 09/07/16 | 24.01 | 2100 | 23.76 | 23.53 | 0530 | 96 |
| 09/08/16 | 24.81 | 1915 | 24.03 | 23.52 | 0600 | 96 |
| 09/09/16 | 24.65 | 0015 | 23.95 | 22.63 | 1000 | 96 |
| 09/10/16 | 23.68 | 0015 | 23.33 | 23.08 | 1245 | 96 |
| 09/11/16 | 23.64 | 1545 | 23.04 | 22.10 | 0000 | 96 |
| 09/12/16 | 22.92 | 1630 | 22.04 | 21.35 | 0700 | 96 |
| 09/13/16 | 23.41 | 1700 | 22.35 | 21.49 | 0745 | 96 |
| 09/14/16 | 22.85 | 1715 | 22.54 | 21.90 | 0000 | 96 |
| 09/15/16 | 22.23 | 1800 | 21.56 | 21.13 | 0645 | 96 |
| 09/16/16 | 21.81 | 1800 | 21.15 | 20.66 | 0700 | 96 |
| 09/17/16 | 21.73 | 1515 | 21.07 | 20.38 | 0645 | 96 |
| 09/18/16 | 21.41 | 1830 | 21.01 | 20.69 | 0830 | 96 |
| 09/19/16 | 21.07 | 0030 | 20.98 | 20.91 | 0515 | 96 |
| 09/20/16 | 22.24 | 2100 | 21.33 | 20.73 | 0600 | 96 |
| 09/21/16 | 22.30 | 1630 | 21.82 | 21.43 | 0715 | 96 |
| 09/22/16 | 22.19 | 2030 | 21.58 | 21.13 | 0800 | 96 |
| 09/23/16 | 21.93 | 0015 | 21.60 | 21.22 | 0000 | 96 |
| 09/24/16 | 21.21 | 0015 | 20.77 | 20.13 | 0000 | 96 |
| 09/25/16 | 20.10 | 0015 | 19.50 | 18.80 | 0000 | 96 |
| 09/26/16 | 19.27 | 1700 | 18.62 | 18.03 | 0630 | 96 |
| 09/27/16 | 19.33 | 1645 | 18.79 | 18.39 | 0600 | 96 |
| 09/28/16 | 18.68 | 0015 | 18.06 | 17.29 | 0000 | 96 |
| 09/29/16 | 17.57 | 1745 | 17.06 | 16.61 | 0830 | 96 |
| 09/30/16 | 17.09 | 0045 | 16.64 | 16.27 | 0700 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 22.34 | | 21.76 | 21.22 | | |
| STD DEV.: | 2.33 | | 2.28 | 2.26 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR October 2016

STATION: S4

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 10/01/16 | 16.53 | 0015 | 16.31 | 16.05 | 0000 | 96 |
| 10/02/16 | 16.05 | 0015 | 15.92 | 15.76 | 0800 | 96 |
| 10/03/16 | 16.75 | 2000 | 16.08 | 15.65 | 0715 | 96 |
| 10/04/16 | 17.00 | 1700 | 16.52 | 16.19 | 0800 | 96 |
| 10/05/16 | 16.69 | 1415 | 16.18 | 15.71 | 0815 | 96 |
| 10/06/16 | 16.91 | 1930 | 16.24 | 15.66 | 0815 | 96 |
| 10/07/16 | 17.46 | 2015 | 16.60 | 16.05 | 0645 | 96 |
| 10/08/16 | 17.22 | 1615 | 16.90 | 16.54 | 0815 | 96 |
| 10/09/16 | 16.97 | 0015 | 16.60 | 15.96 | 0000 | 96 |
| 10/10/16 | 15.94 | 0015 | 15.31 | 14.65 | 0000 | 96 |
| 10/11/16 | 15.43 | 1530 | 14.63 | 14.07 | 0600 | 96 |
| 10/12/16 | 14.94 | 1545 | 14.52 | 14.21 | 0000 | 96 |
| 10/13/16 | 14.47 | 2000 | 14.11 | 13.70 | 0815 | 96 |
| 10/14/16 | 14.14 | 0015 | 13.45 | 12.93 | 2345 | 96 |
| 10/15/16 | 13.36 | 1700 | 13.01 | 12.69 | 0815 | 96 |
| 10/16/16 | 13.33 | 2100 | 13.01 | 12.71 | 0145 | 96 |
| 10/17/16 | 14.36 | 1630 | 13.60 | 13.02 | 0745 | 96 |
| 10/18/16 | 14.00 | 0015 | 13.81 | 13.66 | 1930 | 96 |
| 10/19/16 | 14.47 | 1715 | 13.93 | 13.48 | 0745 | 96 |
| 10/20/16 | 14.40 | 1515 | 13.95 | 13.57 | 0630 | 96 |
| 10/21/16 | 14.78 | 0000 | 14.12 | 13.77 | 0630 | 96 |
| 10/22/16 | 15.00 | 1515 | 14.80 | 14.26 | 2345 | 96 |
| 10/23/16 | 14.24 | 0015 | 13.58 | 12.90 | 0000 | 96 |
| 10/24/16 | 13.33 | 1515 | 12.83 | 12.39 | 0000 | 96 |
| 10/25/16 | 12.41 | 0015 | 11.30 | 10.40 | 0000 | 96 |
| 10/26/16 | 10.39 | 0015 | 9.95 | 9.27 | 2330 | 96 |
| 10/27/16 | 9.35 | 1245 | 9.20 | 9.04 | 1845 | 96 |
| 10/28/16 | 9.18 | 1145 | 8.99 | 8.73 | 0000 | 96 |
| 10/29/16 | 8.73 | 0015 | 8.50 | 8.38 | 0645 | 96 |
| 10/30/16 | 8.87 | 1430 | 8.62 | 8.45 | 0715 | 96 |
| 10/31/16 | 8.66 | 1215 | 8.31 | 7.94 | 0000 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 14.04 | | 13.58 | 13.15 | | |
| STD DEV.: | 2.75 | | 2.68 | 2.65 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR November 2016

STATION: S4

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 11/01/16 | 8.05 | 1330 | 7.75 | 7.46 | 2345 | 96 |
| 11/02/16 | 8.05 | 1500 | 7.61 | 7.27 | 0615 | 96 |
| 11/03/16 | 8.01 | 1545 | 7.86 | 7.71 | 0030 | 96 |
| 11/04/16 | 8.34 | 1315 | 7.83 | 7.35 | 0000 | 96 |
| 11/05/16 | 7.41 | 0045 | 7.09 | 6.48 | 2115 | 85 |
| 11/08/16 | 7.71 | 1330 | 7.25 | 6.69 | 0000 | 43 |
| 11/09/16 | 7.30 | 1230 | 6.85 | 6.34 | 0630 | 96 |
| 11/10/16 | 8.00 | 1345 | 6.87 | 5.68 | 0500 | 96 |
| 11/11/16 | 7.82 | 1300 | 6.64 | 5.46 | 0000 | 96 |
| 11/12/16 | 7.43 | 1315 | 5.97 | 4.89 | 0330 | 96 |
| 11/13/16 | 8.37 | 1215 | 6.45 | 5.45 | 0545 | 96 |
| 11/14/16 | 7.92 | 1000 | 5.65 | 2.80 | 0345 | 96 |
| 11/15/16 | 6.52 | 0000 | 6.12 | 5.75 | 0315 | 96 |
| 11/16/16 | 6.72 | 1215 | 6.55 | 6.33 | 0845 | 96 |
| 11/17/16 | 7.46 | 1245 | 6.82 | 6.34 | 0315 | 96 |
| 11/18/16 | 8.23 | 1215 | 6.78 | 5.56 | 0715 | 96 |
| 11/19/16 | 7.48 | 1200 | 6.75 | 6.17 | 0715 | 96 |
| 11/20/16 | 7.18 | 1130 | 6.82 | 6.33 | 2130 | 96 |
| 11/21/16 | 6.65 | 1315 | 6.03 | 5.15 | 0000 | 96 |
| 11/22/16 | 8.08 | 1000 | 5.24 | 3.63 | 0930 | 96 |
| 11/23/16 | 5.10 | 1200 | 4.35 | 3.81 | 2330 | 96 |
| 11/24/16 | 4.40 | 1415 | 4.06 | 3.75 | 0645 | 96 |
| 11/25/16 | 4.51 | 1500 | 4.30 | 4.08 | 0215 | 96 |
| 11/26/16 | 5.02 | 1345 | 4.50 | 4.12 | 0745 | 96 |
| 11/27/16 | 5.23 | 1415 | 4.50 | 3.99 | 0000 | 96 |
| 11/28/16 | 5.06 | 1300 | 4.06 | 3.46 | 0730 | 96 |
| 11/29/16 | 4.80 | 1215 | 4.07 | 3.40 | 0215 | 96 |
| 11/30/16 | 6.07 | 2045 | 4.81 | 3.56 | 0615 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 6.89 | | 6.06 | 5.32 | | |
| STD DEV.: | 1.32 | | 1.27 | 1.44 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR April 2017

STATION: S4

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|----------|--------------------|------|------------------|--------------------|------|-------------|
| 04/01/17 | 1.98 | 0015 | 1.56 | 1.37 | 2300 | 96 |
| 04/02/17 | 3.04 | 1330 | 2.24 | 1.37 | 0030 | 96 |
| 04/03/17 | 3.96 | 1245 | 3.36 | 2.60 | 0600 | 96 |
| 04/04/17 | 3.96 | 0415 | 3.76 | 3.34 | 0000 | 96 |
| 04/05/17 | 3.38 | 1400 | 3.20 | 3.05 | 0000 | 96 |
| 04/06/17 | 3.05 | 0015 | 2.77 | 2.63 | 0000 | 96 |
| 04/07/17 | 3.15 | 1700 | 2.87 | 2.49 | 0545 | 96 |
| 04/08/17 | 3.27 | 2315 | 2.95 | 2.61 | 0700 | 96 |
| 04/09/17 | 4.02 | 2245 | 3.52 | 2.99 | 0615 | 96 |
| 04/10/17 | 5.22 | 2245 | 4.53 | 3.83 | 0600 | 96 |
| 04/11/17 | 6.55 | 2230 | 5.90 | 5.17 | 0230 | 96 |
| 04/12/17 | 6.78 | 1830 | 6.60 | 6.46 | 0600 | 96 |
| 04/13/17 | 6.60 | 0015 | 6.09 | 5.74 | 0000 | 96 |
| 04/14/17 | 5.70 | 0015 | 5.42 | 5.03 | 0715 | 96 |
| 04/15/17 | 6.46 | 0000 | 5.80 | 5.22 | 0615 | 96 |
| 04/16/17 | 8.11 | 2145 | 7.20 | 6.42 | 0215 | 96 |
| 04/17/17 | 8.87 | 1645 | 8.43 | 7.92 | 0545 | 96 |
| 04/18/17 | 8.92 | 1915 | 8.70 | 8.40 | 0615 | 96 |
| 04/19/17 | 8.80 | 0015 | 8.42 | 8.26 | 0715 | 96 |
| 04/20/17 | 8.86 | 1130 | 8.50 | 8.21 | 0615 | 96 |
| 04/21/17 | 8.58 | 0015 | 8.28 | 8.02 | 2315 | 96 |
| 04/22/17 | 8.01 | 0015 | 7.75 | 7.49 | 0000 | 96 |
| 04/23/17 | 8.45 | 2000 | 7.91 | 7.18 | 0545 | 96 |
| 04/24/17 | 8.97 | 2200 | 8.55 | 8.04 | 0530 | 94 |
| 04/25/17 | 8.90 | 0015 | 8.66 | 8.37 | 2330 | 96 |
| 04/26/17 | 9.11 | 2345 | 8.68 | 8.30 | 0230 | 96 |
| 04/27/17 | 9.80 | 2330 | 9.46 | 9.12 | 0015 | 96 |
| 04/28/17 | 10.36 | 1900 | 9.95 | 9.52 | 0845 | 96 |
| 04/29/17 | 10.86 | 1815 | 10.51 | 10.14 | 0630 | 96 |
| 04/30/17 | 11.06 | 1730 | 10.77 | 10.31 | 0615 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 6.83 | | 6.41 | 5.99 | | |
| STD DEV. | 2.71 | | 2.74 | 2.77 | | |

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR May 2017

STATION: S4

PARAMETER: Temperature (Deg. C)

| DAY | MAXIMUM (PARAM) | TIME | DAILY AVERAGE | MINIMUM (PARAM) | TIME | #of INT. |
|-----------|--------------------|------|------------------|--------------------|------|-------------|
| 05/01/17 | 10.81 | 0015 | 10.47 | 10.19 | 0000 | 96 |
| 05/02/17 | 10.29 | 1900 | 10.06 | 9.81 | 0830 | 96 |
| 05/03/17 | 10.36 | 1330 | 10.07 | 9.73 | 0000 | 96 |
| 05/04/17 | 10.24 | 2300 | 9.82 | 9.32 | 0600 | 96 |
| 05/05/17 | 10.23 | 0015 | 9.96 | 9.62 | 2345 | 96 |
| 05/06/17 | 10.16 | 1915 | 9.77 | 9.48 | 0645 | 96 |
| 05/07/17 | 10.63 | 1830 | 10.27 | 9.89 | 0545 | 96 |
| 05/08/17 | 10.57 | 0015 | 10.33 | 10.00 | 0000 | 96 |
| 05/09/17 | 9.99 | 0015 | 9.83 | 9.67 | 0600 | 96 |
| 05/10/17 | 10.00 | 1845 | 9.78 | 9.46 | 0530 | 96 |
| 05/11/17 | 10.40 | 1830 | 10.01 | 9.56 | 0515 | 96 |
| 05/12/17 | 10.60 | 1945 | 10.32 | 10.03 | 0545 | 96 |
| 05/13/17 | 10.92 | 2230 | 10.59 | 10.23 | 0515 | 96 |
| 05/14/17 | 10.90 | 0015 | 10.52 | 10.34 | 0000 | 96 |
| 05/15/17 | 10.33 | 0015 | 10.05 | 9.67 | 0000 | 96 |
| 05/16/17 | 10.88 | 1800 | 10.29 | 9.64 | 0100 | 96 |
| 05/17/17 | 10.95 | 1045 | 10.61 | 10.44 | 0445 | 44 |
| 05/18/17 | 15.20 | 2330 | 14.20 | 12.73 | 0745 | 65 |
| 05/19/17 | 16.96 | 2145 | 16.21 | 15.24 | 0015 | 92 |
| 05/20/17 | 17.11 | 1115 | 16.72 | 16.29 | 0615 | 96 |
| 05/21/17 | 17.11 | 1415 | 16.48 | 15.79 | 0600 | 96 |
| 05/22/17 | 16.44 | 0100 | 15.84 | 15.10 | 2330 | 96 |
| 05/23/17 | 16.68 | 1130 | 15.76 | 14.78 | 0530 | 96 |
| 05/24/17 | 16.54 | 1100 | 15.78 | 15.27 | 0630 | 96 |
| 05/25/17 | 15.61 | 1315 | 15.09 | 14.60 | 2315 | 96 |
| 05/26/17 | 15.12 | 1345 | 14.58 | 14.22 | 0530 | 96 |
| 05/27/17 | 15.04 | 1300 | 14.70 | 14.25 | 0630 | 96 |
| 05/28/17 | 15.50 | 1500 | 15.08 | 14.45 | 0600 | 96 |
| 05/29/17 | 15.41 | 0015 | 14.90 | 14.42 | 2345 | 96 |
| 05/30/17 | 14.82 | 1530 | 14.49 | 14.19 | 0645 | 96 |
| 05/31/17 | 15.17 | 1615 | 14.71 | 14.40 | 0630 | 96 |
| <hr/> | | | | | | |
| AVERAGE | 12.93 | | 12.49 | 12.03 | | |
| STD DEV.: | 2.81 | | 2.67 | 2.54 | | |