



**Public Service
of New Hampshire**

December 19, 2008

D27488

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Department of Environmental Services
Water Division
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Reference: NPDES Permit No. NH0001465, Merrimack Station,
Public Service Company of New Hampshire, issued June 25, 1992
and modified October 2, 1992.

Dear Mr. Stewart:

Merrimack Station
Environmental Monitoring Program Annual Report

This correspondence is being provided to transmit Merrimack Station's dissolved oxygen, pH, and water temperature data in accordance with annual requirements of Merrimack Generating Station's NPDES permit.

Public Service Company of New Hampshire (PSNH), in accordance with section 6(a) and 7 of the referenced permit, submits the environmental monitoring program annual report for its, Merrimack Station. The report covers the period **June 1, 2007 through May 31, 2008**. It presents the data collected and explains outages that occurred and summaries of remedial actions taken to keep the systems in service.

If you have any questions, please contact Mr. Paul Basiliere, PSNH Generation Operations Services at (603) 634-2684.

Very Truly Yours,

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE

 12/19/08

John M. MacDonald, Vice President, Energy Delivery and Generation

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*Referenced in
AR-694
but only cover/toc
included*

ANNUAL REPORT

2007-2008

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE

MERRIMACK GENERATING STATION

ENVIRONMENTAL MONITORING PROGRAM

(NPDES PERMIT NO. NH0001465)

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I. EXECUTIVE SUMMARY

PSNH operates four (4) environmental monitoring stations. Two of the monitoring stations record seasonal river temperature only. These are N-10 and S-4, located north and south of the plant respectively. A monitoring station at the Unit #2 intake (N-5) records dissolved oxygen and pH of the incoming river water. Finally, a monitoring station at the out fall of the discharge canal (S-0) records dissolved oxygen, pH, and temperature. Figure 1 displays station locations.

This report covers twelve (12) months of continuous monitoring of the above parameters at the four (4) monitoring stations. The report period is June 2007 through May 2008.

During the year, there were two major outages of ten days or longer.

Several data outages also occurred during the year, and were of lesser duration. A recurring cause of the data outages is electrical storm activity. Despite extensive protection, lightning strikes and subsequent voltage surges frequently burn out probe and circuit board components along with associated hardware. Table 2 will provide a complete listing of major equipment malfunctions with more detailed explanations.

Backup monitoring systems were used to collect substitute data whenever the installed equipment was out of service. Whenever possible, the minimum and maximum data points for temperature and pH were recovered for that day. The substitute data is provided by either backup equipment maintained by station personnel or by operators recording grab samples during routine rounds. When the stations are in service, the grab sample data is used to confirm the primary data readings. More specifics are provided in Section IV. Part D

Compliance with NPDES permit limits were maintained throughout the year. Table 1 will provide a summary of parameter average data on a monthly basis. The pH probe readings at Station S-0 were occasionally less than 6.5 SU due to naturally occurring conditions. Table 3 displays data for Station N-5 which verifies the pH of ambient waters. On occasions, slight pH differentials beyond normal were recorded between monitoring stations. This was generally caused by probe fouling as explained in Table 3.

It is important to note that the record established by 31 years of ecological studies and environmental monitoring at Merrimack Station demonstrates that the cooling water discharge has not adversely impacted the community of aquatic life in the river. pH levels reflect ambient conditions and, along with temperature readings, closely track historical trends. Unaffected passageways below the thermal plume have been documented and shown to be sufficient for fish migration. A Technical Advisory Committee (TAC) consisting of regulatory agency personnel was formed during the year 1992 to review the Merrimack Station biological and hydrological programs. PSNH submitted a research report which summarized and analyzed the thermal effects of the cooling water discharge on the aquatic community. Field studies were conducted in 1994 and 1995 to further assess the affects on the anadromous fish migration season and on the indigenous fish populations. A report was distributed to the TAC in January, 1997. In more recent years, several additional studies have been submitted to investigate the effects of the cooling water intake and discharge in more detail, including:

1. The Response to United States Environmental Protection Agency CWA Letter, PSNH Merrimack Station Units 1&2, Bow, New Hampshire prepared by PSNH, Enercon Services Inc. ("Enercon") and Normandeau Associates, Inc. ("Normandeau") dated October 2007.

In addition, in 2008, an extensive new 316 (a) study focusing on a hydrothermal analysis, migratory fish passage, and analysis of representative fish species was completed. In 2008 a 316 (b) study focusing on entrainment and impingement was completed.

The biological data from Merrimack Station's monitoring programs indicate that no adverse environmental impact ("AEI") to the aquatic ecosystems of the Merrimack River in the vicinity of the station has occurred, as measured by any representative important species or critical aquatic organism population as a result of the Stations existing CWIS operation.

II. GENERAL BACKGROUND

Normandeau Associates, Inc. conducted extensive ecological studies of Merrimack Station's impact on the river from 1972 through 1978. Continuous temperature monitoring has been a normal part of station operations for approximately 31 years. In June of 1979, EPA issued a revised NPDES permit which expanded the monitoring to include dissolved oxygen and pH parameters. A summary of the program's development follows:

DATEACTIVITY

- | | |
|-------|---|
| 6/80 | The new D.O. and pH equipment is put into service. Environmental Engineers, Inc. (EEI), an affiliate of the Weston Group, is hired to coordinate the entire program. |
| 9/81 | The first annual report of the expanded program for 1980-1981 is submitted. |
| 6/84 | PSNH staff personnel assume responsibilities for the field portion of the program. |
| 12/84 | PSNH staff replaces EEI as the entire program coordinator. |
| 8/86 | The field maintenance and data collection portions of the program are delegated to Merrimack Station personnel. |
| 6/87 | Biological Monitoring Program system inexperience required the station responsibilities be remanded to PSNH staff. Station duties are reduced to daily basic equipment checks. A decision was made to dedicate an Environmental Analyst with five (5) years of experience to the program. |

Equipment improvements have been regularly implemented to accelerate and upgrade the program. In October 1986, a new Beckman Dissolved Oxygen System was installed at Station S-0 to improve reliability and in June of 1987 an automated personal computer editing program was created to expedite data processing. In April of 1989, a new Beckman Dissolved Oxygen System was installed at Station N-5 to improve reliability. In March and April 1991, a new YSI temperature monitoring system was installed at stations N-10, S-0 and S-4 to improve reliability. In June of 1995 a new Great Lakes Instrument pH System was installed at N-5 and S-0 to improve reliability. In July 1998, new Campbell Scientific Data loggers were installed at all data collection stations to improve reliability. In conjunction with the new data loggers, a new Windows 95 based personal computer data editing program was created to expedite data processing. In April 2000 a new Rosemount Analytical Dissolved Oxygen system was installed at N-5 and S-0 to improve reliability.

A Windows 2000 software upgrade was required for the Campbell Scientific data loggers to make the data compatible with a Windows 2000 upgrade to the edit/ report program. In December 2000 the SO instrument control cable that connects the probes with the analyzers and data loggers suffered a slow and intermittent internal lead failure to the dissolved oxygen probe. It was not repairable. On short notice a new cable was ordered and obtained but only a shorter run was available. Consequently the SO enclosure was moved closer to the probes to accommodate the new cable and improve reliability. In June 2002 enhanced lightning protection devices were installed at all locations to improve reliability. In May 2003 new Scan Data radio systems were installed to try to improve response time for station acquisition of data. In November 2005 the S0 and N5 pH analyzers were replaced with an updated Great Lakes Model 53 pH analyzer. In November 2006 and March 2007 the pH systems at S0 and N5 were replaced with new Rosemount Analytical Solu Comp II pH analyzers and Models 3300HT and 399VP pH probes due to the lack of factory support for the Great Lakes Instruments pH system. In March 2008 a new Rosemount Analytical Model 5081 pH analyzer and a new Model 399-62 low ionic strength and low temperature pH probe was installed at N5 to improve reliability.

It is evident that the Monitoring Program is dynamic and has been modified frequently during its history. Many of the changes were associated with setbacks that hindered the reporting process. In particular, PSNH's assumption of the data processing function proved to be a tremendously time consuming task. An entirely new in-house computer system was required to collate the significant data base. These improvements have made it possible to submit the annual reports in a timely manner.

III. SYSTEM DESCRIPTION

A. General

The system consists of four monitoring stations located as shown in Figure 1. The parameters measured at each station are as follows:

FIGURE. 1
PARAMETERS

<u>STATION</u>	<u>TEMP.</u>	<u>D.O.</u>	<u>pH</u>
N-10	X	N/A	N/A
N-5	N/A	X	X
S-0	X	X	X
S-4	X	N/A	N/A

Station N-5 pH and S-0 pH and temperature are kept operational all year. Stations N-10 and S-4 temperature probes are operational on a seasonal basis.

B. Installed Equipment

Stations N-10 & S-4

The temperature monitoring equipment at N-10 & S-4 consists of the following basic components:

- Logan Instruments shielded 250 foot cable (installed in river)
- Logan Instruments Platinum RTD sensor
- Wilkerson Instruments Control Module
- Scan- Data radio
- Scan- Data radio transmitter (R T)
- Campbell Scientific CR 10X data logger

With the exception of the temperature probes, all of the above equipment is installed within an equipment enclosure. The temperature probes, located near midstream, are deployed approximately 6" inches below the water surface of the river on buoys which are anchored to the bottom of the river.

The radio transmitter provides a signal to a Scan- Data base station which interfaces with an INVENSYS (Foxboro) IADCS Computer in the control room at the power station. The CR 10X data logger is used for data storage.

Station N-5

The installed equipment at Station N-5 consists of the following basic components:

- Instrumental panel enclosure with the following equipment:
 - * Rosemount Model 1054B D.O. analyzer
 - * Rosemount Analytical Model 5081 pH analyzer
 - * Campbell Scientific CR 10X data logger
- Field Probes
 - * Rosemount Model 499A D.O. probe
 - * Rosemount Analytical Model 399-62 VP pH probe

The instrument panel enclosure is mounted in the screen house and the field probes are mounted in the north bay inlet adjacent to the traveling screens in Unit #2 intake structure. The probes are free floating and submerged approximately 6-inches below the water surface in the north bay inlet. The CR 10X data logger is used for data storage.

Station S-0

The installed equipment at Station S-0 consists of the following basic components:

- One instrument panel enclosure
 - * Scan- Data radio
 - * Scan- Data radio transmitter (R T)
 - * Rosemount Model 1054B D.O. analyzer
 - * Rosemount Analytical Solu Comp II pH analyzer
 - * Campbell Scientific CR 10X data logger
 - * Wilkerson Instruments Control Module
- Field probes
 - * Rosemount Model 499A D.O. probe
 - * Rosemount Analytical Model 3300 HT pH probe
 - * Logan Instruments Platinum RTD temperature probe

With the exception of the field probes, all of the above equipment is housed within an enclosure. The field probes are mounted on the railing of a floating bridge located near the end of the cooling water discharge canal. The probes are positioned in the middle of the canal, 6-inches below the water surface. The CR 10X data logger is used for data storage.

IV. MAINTENANCE PROGRAM

A. General

The system maintenance program consists of weekly and monthly preventive maintenance. The weekly program consists primarily of cleaning and inspecting all onshore equipment and instruments. Every month, or more frequently if required, the instruments are calibrated and a boat is used to inspect, clean, and if required replace the RTD probe river installations.

B. Weekly Maintenance Program

During the weekly site visit, the following procedures are completed:

- Station N-5:

1. Inspect D.O. probe. Clean probe. Check to insure the probe is approximately 6" below the water surface.
2. Inspect pH probe. Clean electrodes. Check to insure the probe is approximately 6" below the water surface. Check % slope output on the pH probe.
3. Check battery voltage reading of the CR 10X data logger. If battery voltage is below 12.0V, replace gel battery power supply according to manufacturer's manual.
4. Check data logger outputs for D.O. and pH against instrument readings. If data logger output and instrument readings do not agree, refer to troubleshooting sections of manufacturer's manual.

Station S-0:

1. Follow procedure 1-4 as listed above for Station N-5.
 2. Clean temperature probe and check to insure the probe is approximately 6" below the surface of the water.
 3. Using a precision thermometer, check and record the temperature of the water at the probe location. Check and compare with D.O. and pH probe temperature outputs.
 4. Check the temperature output from the data logger. If the temperatures do not agree, perform an electronic calibration or refer to the troubleshooting sections of the manufacturer's manual.
- Stations N-10 & S-4:
Check the temperature outputs from the data loggers. If temperatures are out of range, perform an electronic calibration or refer to troubleshooting procedures in the manufacturer's manual.
 - All Stations:
 1. Check all data for accuracy and consistencies.
 2. Replace components or instruments as needed.

C. Monthly Maintenance Program

During the monthly site visit, the following procedures are completed:

- Stations N-10 & S-4:
 1. Using the boat, go out to the buoy at each station, clean buoy and probe of debris and check to insure the probe is approximately 6" below the surface of the water.
 2. Using a precision thermometer, check and record the temperature of the water where the probe is located.
 3. Check the temperature output from the data logger. If the temperatures do not agree, refer to troubleshooting sections of the manufacturer's manual.

- Stations N-5 & S-0

1. Check calibration of the D.O. and pH probes according to the manufacturer's manual and the project SOP manual.

- All Stations

1. Check all data for accuracy and consistency.
2. Replace components or instruments as needed.

D. Discussion

A number of equipment repair and replacement problems occurred with the monitoring program during the reporting period which resulted in a corresponding number of data outages. Table 2 lists the major equipment malfunctions and the associated remedial actions. Additionally, the system suffered numerous short-lived outages due to A. C. power interruptions, and unknown causes. In most cases, these minor outages went undetected and the system repaired itself without further service.

Auxiliary sources of data were enlisted to maintain monitoring program continuity during most extended data outages. Installed backup temperature monitoring equipment on the unit condensers is utilized to recover ambient river water temperatures when N-10 station is out of service. A Hach Titration Kit and a portable pH meter were utilized by maintenance personnel on a weekly basis to supplement the data base. This grab sample data has been incorporated into the continuous monitoring data and is reflected in the monthly summaries.

PSNH makes a concerted effort to maintain equipment availability. The general nature of operating field equipment, however, makes this a difficult task. Reliability also decreases as the equipment ages. Occasionally vendors have discontinued manufacturing replacement parts for in-service units. Repairs for these units is sometimes more troublesome. When justified, PSNH has replaced entire instruments to maintain the program integrity. As mentioned elsewhere, much attention has also been given to upgrade and improve the computer data processing function which helps audit equipment performance. In general, data retrieval from the program has been good.

V. Annual Summary

pH

Permit compliance was maintained. Station-to-station data was generally consistent with past seasonal fluctuations. On occasion recorded data was not completely consistent over short duration. This is attributed to minor disruptions such as probe fouling, floating debris, lightning damage and A. C. power outages. PSNH successfully limits these upsets by performing weekly maintenance inspections. Values below 6.5 SU were recorded during the year due to naturally occurring ambient conditions (see Table 3).

Temperature

Power spray modules were operated in accordance with the permit conditions. Station-to-station data was generally consistent with past seasonal fluctuations.

Stations S-0, S-4, and N-10 were in service at the beginning of the monitoring period. Station N-10 records are supplemented with data from unit condenser operation log when it is out of service. Station N-10 was removed from service on November 14, 2007 when the ambient river temperature fell below 40°F. Station S-4 was removed from service on November 14, 2007.

Station S-4 was installed on April 10, 2008 and Station N-10 was installed on April 10, 2008. The ambient river temperature was 42.4°F.

Unit condenser temperature data was used to supplement data collection during N-10 station outages.

CHILL EVENTS

In the 1991-1992 report, PSNH began reporting chill events in the cooling canal due to the curtailment of unit operation. The chill events were defined as events in which the temperature in the canal dropped at least 10 degrees centigrade in a 24-hour period to a temperature of less than 10 degrees centigrade.

There were four chill events (formally cold thermal excursions) due to the operation of the plant during the monitoring period.

On January 30, 2008 at 0216 plant operation was curtailed with Unit #2 due to unit super heater tube leaks. The unit was returned to service on February 4, 2008 at 0829.

On March 2, 2008 at 1825 plant operation was curtailed due to Unit #2 secondary bank super heater tube failures. The tubes were removed and replaced. The unit was returned to service on March 7, 2008 at 0516.

On April 1, 2008 at 1346 plant operation was curtailed with Unit#2 due to the scheduled annual outage. Unit #1 remained in service.

On April 25, 2008 at 1620 plant operation was curtailed with Unit #1 due to a planned preventative maintenance air heater wash. The unit was returned to service on April 29, 2008 at 0721. Unit #2 remained out of service due to the scheduled annual outage.

Dissolved Oxygen

Compliance with Class B water quality standards was maintained and concentrations were generally consistent with past seasonal fluctuations. Unfortunately, outages due to weather and other ambient environmental conditions occur. PSNH is stocking a large spare equipment inventory to prevent multiple outages.

Station N-5 probe was removed from service on November 28, 2007 after ambient river temperature fell below 40°F. Station S-O probe was removed from service on November 28, 2007. The probe was installed at S-O on April 17, 2008, and the probe was installed at N-5 on April 17, 2008. The average ambient river temperature on April 17, 2008 was 44.0 ° F.

TABLE 1. SUMMARY OF MONTHLY AVERAGE DATA

ANNUAL REPORT

PUBLIC SERVICE OF COMPANY NEW HAMPSHIRE

MERRIMACK GENERATING STATION

ENVIRONMENTAL MONITORING PROGRAM

	<u>Month</u>	<u>N-10</u> <u>Temp.</u>	<u>N-5</u> <u>D.O.</u>	<u>pH</u>	<u>S-0</u> <u>Temp.</u>	<u>D.O.</u>	<u>pH</u>	<u>S-4</u> <u>Temp.</u>
First Quarter	June	21.4	8.4	6.9	30.3	6.9	7.0	24.0
	July	24.0	7.8	6.9	33.6	6.3	7.1	28.6
	August	26.2	7.5	7.2	35.4	6.2	7.2	30.7
Second Quarter	Sept	22.0	8.3	6.9	30.3	6.8	7.0	26.0
	Oct	16.4	9.1	6.8	25.6	7.3	6.9	19.9
	Nov	7.6	11.9	6.8	16.9	9.1	6.8	9.2
Third Quarter	Dec	NA	NA	6.7	12.1	NA	6.7	NA
	Jan	NA	NA	6.9	15.8	NA	6.8	NA
	Feb	NA	NA	6.8	15.5	NA	6.8	NA
Fourth Quarter	March	NA	NA	6.7	13.7	NA	6.8	NA
	April	8.0	10.0	6.7	15.5	8.3	6.7	8.8
	May	13.4	8.9	6.8	23.4	7.9	6.9	15.6

Temperature Units = Degrees Centigrade

Dissolved Oxygen Units - mg/liter

pH units - Standard Units

NA - Station not in service during winter months

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TABLE 2. SUMMARY OF MAJOR EQUIPMENT MALFUNCTIONS

<u>DATE</u>	<u>STATION</u>	<u>PARAMETERS</u>	<u>CAUSE/REMEDIAL ACTIONS</u>
6/4-6/11	N5	pH	In service pH probe is replaced with a new backup unit due to pH data drift. Calibrated
6/19-6/22	S0	DO	Erratic DO probe data. A broken ground wire inside the weather head is found. Terminal connection is repaired. Probe failure on 6/22. Replaced DO assembly and hardwired to terminal connection in NEMA 4 enclosure on the bridge. Calibrated.
7/9-7/12	S0	pH	Lightning strike caused LCD screen failure on pH analyzer. Replaced with backup unit.
7/15-7/17	S0	DO	Lightning strike causes DO analyzer and probe failure. Replaced analyzer on 7/16 and probe on 7/17. Calibrated.
7/15-7/20	S0	pH	Lightning strike causes pH analyzer and probe failure. Replaced analyzer on 7/16 and probe on 7/19. Calibrated.
9/23-9/26	N5	DO	RTD failure on DO probe. No temperature readout on LCD. Replaced and calibrated.
9/27	S0	DO	Lightning strike causes DO analyzer failure. Replaced with backup unit and calibrated.
10/14-10/15	S0	pH	Debris (plastic) draped on pH probe end causing restricted water flow and producing off scale data. Forwarded data to NHDES.

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TABLE 2. SUMMARY OF MAJOR EQUIPMENT MALFUNCTIONS (con't)

<u>DATE</u>	<u>STATION</u>	<u>PARAMETERS</u>	<u>CAUSE/REMEDIAL ACTIONS</u>
10/26	N5	pH	In service pH probe would not calibrate. Installed backup unit and calibrated.
10/27	S0	S0,N10,S4	AC power outage on River Road circuit. AC Power restored.
11/29	N5	pH	In service pH probe replaced with low temperature unit due to erratic performance at low water temperatures. Calibrated.
12/30- 1/10	N5	pH	Low water and air temperatures have caused pH probe electrolyte to congeal and not flow. Water temperatures are below freezing with floating slush layer drawn in with water. Grab sample data used to confirm actual pH.
2/11-2/18	N5	pH	Floating slush is being drawn in with water and freezing in a thick layer around the probe. Using grab sample data to confirm pH.
2/18-2/19	S0	pH	Heavy rains with snow melt runoff followed by cold and snow are causing operational problems. Using grab sample data to confirm.
2/26-2/27	S0	pH, Temp.	An AC power outage during the night and early morning hours, no heat in the enclosure with snow, cold, and icing of the probes contributed to operational problems.
3/19-4/1	N5	pH	Winter damage has ruined the pH probe assembly, including pre-amp. Low conductivity water is also contributing to off scale data. A new Rosemount 5081 pH analyzer and probe will be located on intake catwalk rail until river conditions improve.

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TABLE 2. SUMMARY OF MAJOR EQUIPMENT MALFUNCTIONS (cont.)

<u>DATE</u>	<u>STATION</u>	<u>PARAMETERS</u>	<u>CAUSE/REMEDIAL ACTIONS</u>
4/27-4/28	N5	DO, pH	AC power outage. Intake screen repairs due to winter icing damage. Power restored.
5/5	N5	DO, pH	AC power outage. Remove circulating pump motor for repair. Power restored.
5/15-5/16	S0	DO	Very high river flooding is cause of negligible flow in the canal. pH data reading is off scale and fouling is significant. Conditions improve.
5/17	N5	DO, pH	AC power outage. Install repaired circulating pump motor. Power restored.

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TABLE 3. SUMMARY OF pH DATA

Throughout the year, pH values fell below the specified lower limit of 6.5 SU. These occurrences were caused by the natural increase in the acidity of the Merrimack River. A monthly summary of the pH data is provided below. This data is not identical to the data reported on the monthly DMR because it is a quick visual scan of all monthly pH data recorded, at S-0 and N-5.

<u>MONTH</u>	<u>N-5 RANGE</u>	<u>S-0 RANGE</u>
JUNE	6.49 -7.45	6.54 -7.45
JULY	6.33 -7.47	6.80 -7.29
AUGUST	6.76 -7.76	6.92 -7.47
SEPTEMBER	6.51 -7.59	6.60 -7.44
OCTOBER	6.39 -7.29	6.40 -7.27
NOVEMBER	6.51 -7.13	6.55 -6.99
DECEMBER	6.11 -7.13	6.50 -7.00
JANUARY	6.28 -7.42	6.52 -7.19
FEBRUARY	6.05 -7.45	6.33 -7.24
MARCH	6.31 -7.29	6.51 -7.22
APRIL	6.27 -7.20	6.51 -7.46
MAY	6.30 -7.27	6.40 -7.29

On average, the differential between stations N-5 and S-0 is typically 0.3 SU or less. Occasionally the differential drifts slightly higher, usually due to probe fouling. The fouling process is aggravated during the year by various events such as river temperature increases, and spring run-off. To date, the quality of data collected has not been significantly affected by probe fouling. PSNH has improved the equipment inspection and data processing schedules to lessen the impact of fouling and detect discrepancies.

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Merrimack Station biological monitoring data is organized in the following chronological sequence, June 2007 through May 2008. 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

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR June 2007

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
06/01/2007	8.03	0815	7.25	6.74	1515	96
06/02/2007	7.30	0015	6.76	6.04	0930	96
06/03/2007	7.76	0515	7.00	6.38	1430	96
06/04/2007	7.03	2230	6.89	6.75	0015	96
06/05/2007	7.22	1130	6.95	6.67	1630	96
06/06/2007	7.37	1130	7.02	6.75	0015	96
06/07/2007	7.36	0945	7.22	7.10	0245	96
06/08/2007	7.44	1230	7.19	6.83	2400	96
06/09/2007	7.09	1800	6.84	6.63	1300	96
06/10/2007	7.01	0545	6.69	6.38	1845	96
06/11/2007	7.06	1215	6.66	6.37	0915	96
06/12/2007	6.82	0530	6.65	6.49	1845	96
06/13/2007	6.79	1745	6.65	6.43	0100	96
06/14/2007	7.17	1730	6.91	6.66	0415	96
06/15/2007	7.24	0545	6.94	6.57	1900	96
06/16/2007	6.92	0530	6.58	6.16	1915	96
06/17/2007	6.59	0915	6.35	6.20	1845	96
06/18/2007	7.33	2230	6.71	6.13	1045	96
06/19/2007	7.67	0230	7.26	6.82	0800	39
06/20/2007	6.93	2145	6.77	6.45	2115	34
06/21/2007	9.97	1645	7.69	6.28	1615	96
06/22/2007	8.27	0015	7.50	6.16	1215	75
06/26/2007	7.43	1200	7.09	6.12	1115	55
06/27/2007	7.30	0545	6.86	6.24	2400	96
06/28/2007	6.82	1345	6.49	6.10	0245	96
06/29/2007	7.43	1100	7.09	6.71	0015	96
06/30/2007	7.04	0500	6.36	5.64	2330	96
AVERAGE	7.347		6.903	6.436		
STD DEV.:	0.645		0.322	0.319		

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MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM
MONTHLY SUMMARY REPORT FOR June 2007

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
06/01/2007	7.190	1430	7.124	6.897	0915	96
06/02/2007	7.190	1615	7.115	7.020	1000	96
06/03/2007	7.180	1715	7.062	6.987	0815	96
06/04/2007	7.150	0515	6.887	6.539	1845	96
06/05/2007	7.440	1800	6.933	6.544	0400	96
06/06/2007	7.450	0130	7.175	7.000	1030	96
06/07/2007	7.060	0015	6.826	6.683	0900	96
06/08/2007	6.740	0545	6.679	6.611	0900	96
06/09/2007	6.718	0545	6.660	6.606	1430	96
06/10/2007	7.170	2015	6.843	6.591	0830	96
06/11/2007	7.260	0545	7.070	6.907	1400	96
06/12/2007	7.040	0530	6.983	6.910	0715	96
06/13/2007	7.110	0530	7.009	6.948	0100	96
06/14/2007	7.090	0530	7.006	6.944	1400	96
06/15/2007	7.110	0545	7.022	6.932	1115	96
06/16/2007	7.150	1715	7.042	6.986	1415	96
06/17/2007	7.170	1715	7.058	7.000	0830	96
06/18/2007	7.190	1715	7.076	7.040	0100	96
06/19/2007	7.180	1715	7.059	7.010	0845	96
06/20/2007	7.190	1700	7.061	7.010	0845	96
06/21/2007	7.240	1700	7.070	7.010	1100	96
06/22/2007	7.230	0530	7.076	6.997	2300	96
06/23/2007	7.160	0615	7.043	6.974	0215	96
06/24/2007	7.170	0700	7.029	6.930	2400	96
06/25/2007	7.230	1730	7.010	6.915	0400	96
06/26/2007	7.270	1730	7.061	6.982	0015	96
06/27/2007	7.300	1745	7.095	6.996	0145	96
06/28/2007	7.290	1745	7.133	7.040	0245	96
06/29/2007	7.290	1715	7.161	7.060	2345	96
06/30/2007	7.280	1745	7.119	7.050	0100	96
AVERAGE	7.175		7.016	6.904		
STD DEV.:	0.152		0.125	0.164		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR June 2007

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
06/01/2007	25.340	1815	23.753	21.460	0915	96
06/02/2007	27.400	0900	25.558	24.400	2400	96
06/03/2007	29.810	1330	26.708	22.840	0530	96
06/04/2007	29.060	1900	28.132	27.430	0700	96
06/05/2007	29.590	1215	28.789	28.050	2400	96
06/06/2007	29.380	1500	28.442	27.050	0715	96
06/07/2007	29.610	1600	29.017	28.180	0400	96
06/08/2007	30.500	1730	29.583	28.360	0530	96
06/09/2007	30.360	0030	29.950	29.180	1830	96
06/10/2007	30.680	1230	29.570	29.150	2345	96
06/11/2007	31.030	1930	30.069	29.020	0330	96
06/12/2007	31.300	1615	30.805	30.400	0115	96
06/13/2007	30.460	0015	29.485	28.820	2345	96
06/14/2007	29.330	1545	28.778	28.300	2400	96
06/15/2007	30.720	1700	29.307	27.990	0600	96
06/16/2007	31.990	1515	30.585	28.970	0445	96
06/17/2007	32.700	1630	31.675	30.460	0545	96
06/18/2007	32.800	1615	31.797	30.560	0630	96
06/19/2007	33.740	1645	32.074	29.940	0915	96
06/20/2007	32.990	1615	32.471	32.090	0715	96
06/21/2007	33.150	1500	32.168	31.280	0615	96
06/22/2007	32.150	0015	30.946	28.680	2400	96
06/23/2007	29.370	1415	28.820	28.060	0730	96
06/24/2007	30.700	2100	29.320	28.240	0700	96
06/25/2007	32.330	2030	30.620	28.540	0330	96
06/26/2007	34.230	1945	33.111	31.650	0615	96
06/27/2007	35.740	1845	34.658	33.240	0545	96
06/28/2007	35.980	1630	35.251	34.610	0615	96
06/29/2007	34.650	0015	33.293	32.120	0900	96
06/30/2007	33.880	1815	33.207	32.330	0645	96
AVERAGE	31.366		30.265	29.047		
STD DEV.:	2.386		2.518	2.798		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR June 2007

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
06/01/2007	8.65	1315	8.40	8.23	2215	96
06/02/2007	8.48	0930	8.27	8.05	2245	96
06/03/2007	8.35	0600	8.15	7.85	2400	96
06/04/2007	8.11	2015	7.98	7.86	0530	96
06/05/2007	8.87	2030	8.35	7.73	0945	96
06/06/2007	9.03	2045	8.80	8.57	0145	96
06/07/2007	9.28	2400	9.07	8.94	0800	96
06/08/2007	9.32	2115	9.10	8.92	1130	96
06/09/2007	9.27	0015	9.03	8.81	1445	96
06/10/2007	9.13	1945	8.97	8.73	0915	96
06/11/2007	9.09	1730	8.89	8.47	1115	96
06/12/2007	9.04	1415	8.84	8.61	2400	96
06/13/2007	8.93	1845	8.79	8.60	0015	96
06/14/2007	9.04	2030	8.82	8.61	0200	96
06/15/2007	9.16	1100	8.97	8.73	0030	96
06/16/2007	9.14	0615	8.94	8.78	2400	96
06/17/2007	9.19	1215	8.84	8.56	2400	96
06/18/2007	8.99	1145	8.43	7.76	2230	96
06/19/2007	8.44	1415	8.01	7.62	0315	96
06/20/2007	8.54	1730	7.99	7.51	0700	96
06/21/2007	8.64	1745	8.08	7.45	0645	96
06/22/2007	8.35	1500	7.95	7.44	0715	96
06/23/2007	8.23	2245	7.76	7.29	0900	96
06/24/2007	8.63	1945	8.04	7.48	0700	96
06/25/2007	9.07	2100	8.40	7.69	0715	96
06/26/2007	8.79	0015	8.20	7.77	0645	96
06/27/2007	8.43	1630	7.94	7.41	0715	96
06/28/2007	7.94	1745	7.52	7.10	1000	96
06/29/2007	7.93	1945	7.45	6.96	0700	94
06/30/2007	7.93	1630	7.50	6.98	0600	96
AVERAGE	8.733		8.381	8.017		
STD DEV.:	0.433		0.511	0.628		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR June 2007

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
06/01/2007	6.828	2115	6.784	6.739	0245	96
06/02/2007	6.934	2245	6.854	6.812	1230	96
06/03/2007	7.060	1530	6.960	6.881	1545	96
06/04/2007	7.170	0745	7.093	6.977	0115	58
06/05/2007	7.380	1345	7.124	6.797	1130	30
06/06/2007	7.260	1100	6.854	6.516	2300	29
06/07/2007	6.751	1100	6.644	6.561	2330	55
06/08/2007	6.638	0115	6.572	6.507	2345	52
06/09/2007	7.390	1645	7.073	6.529	0030	60
06/10/2007	7.380	0015	6.751	6.491	1500	78
06/11/2007	6.701	1200	6.604	6.549	2315	49
06/12/2007	6.844	1745	6.708	6.554	0015	96
06/13/2007	6.718	0445	6.670	6.634	2030	96
06/14/2007	6.737	2145	6.666	6.597	1445	96
06/15/2007	6.767	0930	6.751	6.716	0115	96
06/16/2007	6.801	1715	6.779	6.748	0115	96
06/17/2007	6.836	1230	6.772	6.728	0245	96
06/18/2007	6.868	1615	6.786	6.708	0300	96
06/19/2007	6.963	1745	6.832	6.724	0315	96
06/20/2007	7.000	1730	6.835	6.714	0800	96
06/21/2007	7.020	1830	6.858	6.718	0715	96
06/22/2007	7.040	1500	6.900	6.769	0715	96
06/23/2007	7.010	2000	6.868	6.765	0815	96
06/24/2007	7.100	1930	6.924	6.803	0745	96
06/25/2007	7.180	1730	6.991	6.851	0815	96
06/26/2007	7.200	1715	7.046	6.905	0715	96
06/27/2007	7.450	1815	7.139	6.912	0715	96
06/28/2007	7.200	1630	7.051	6.935	2400	96
06/29/2007	7.270	1715	7.033	6.839	1130	94
06/30/2007	7.370	1245	7.147	6.880	0500	96
AVERAGE	7.029		6.869	6.729		
STD DEV.:	0.241		0.167	0.140		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR June 2007

STATION: N10

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
06/01/2007	20.560	1745	19.989	19.300	0845	96
06/02/2007	20.980	1545	20.614	20.180	0015	96
06/03/2007	21.160	0445	20.587	19.470	2400	96
06/04/2007	19.440	0015	18.736	18.150	2345	96
06/05/2007	18.930	2115	18.516	18.050	0545	96
06/06/2007	18.720	0015	18.266	17.970	0715	96
06/07/2007	18.450	1600	18.082	17.660	0715	96
06/08/2007	19.290	1830	18.511	17.610	0545	96
06/09/2007	19.260	0015	18.856	18.630	1200	96
06/10/2007	20.290	1830	19.485	18.690	0600	96
06/11/2007	21.650	1745	20.836	20.080	0745	96
06/12/2007	21.840	1700	21.615	21.390	0830	96
06/13/2007	21.570	0015	20.888	20.140	2345	96
06/14/2007	20.160	1515	19.866	19.520	2400	96
06/15/2007	20.980	1730	20.150	19.360	0330	96
06/16/2007	22.140	1730	21.390	20.580	0015	96
06/17/2007	22.720	1700	22.155	21.520	0245	96
06/18/2007	23.170	1615	22.519	21.890	0515	96
06/19/2007	23.880	1615	23.026	22.160	0515	96
06/20/2007	23.900	1630	23.198	22.670	0645	96
06/21/2007	23.640	1545	22.899	22.200	0730	96
06/22/2007	22.760	0015	22.256	21.760	0800	96
06/23/2007	21.950	0015	21.390	21.010	2400	96
06/24/2007	21.940	1715	21.139	20.270	0615	96
06/25/2007	22.990	1830	21.985	20.960	0745	96
06/26/2007	24.680	1800	23.558	22.520	0615	96
06/27/2007	26.080	1715	25.094	24.220	0545	96
06/28/2007	26.710	1700	26.004	25.590	0830	96
06/29/2007	25.900	1645	25.465	24.900	2400	96
06/30/2007	25.520	1500	24.833	24.180	2400	96
AVERAGE	22.042		21.397	20.754		
STD DEV.:	2.294		2.208	2.176		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR June 2007

STATION: S4

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
06/01/2007	21.810	1915	20.663	19.970	0800	96
06/02/2007	22.010	1500	21.283	20.730	0230	96
06/03/2007	23.110	1430	21.617	20.370	2400	96
06/04/2007	20.710	0015	19.647	19.150	2400	96
06/05/2007	20.690	1315	19.817	19.070	0530	96
06/06/2007	20.180	0030	19.728	19.210	0845	96
06/07/2007	20.070	1645	19.651	18.750	0900	96
06/08/2007	20.550	1830	19.769	18.970	0700	96
06/09/2007	20.190	0030	19.852	19.600	2300	96
06/10/2007	22.340	1045	20.505	19.600	0645	96
06/11/2007	25.240	1530	22.443	20.810	0130	96
06/12/2007	24.980	1915	22.702	22.090	0545	96
06/13/2007	23.610	0145	21.794	20.940	2345	96
06/14/2007	23.490	1600	21.357	20.460	0645	96
06/15/2007	24.260	1745	22.142	19.880	0515	96
06/16/2007	25.210	1400	23.669	21.360	0800	96
06/17/2007	26.350	1945	24.484	23.070	0415	96
06/18/2007	26.130	1500	24.864	23.350	0645	96
06/19/2007	28.290	1615	26.309	23.810	1130	96
06/20/2007	27.870	1000	26.941	25.580	1400	96
06/21/2007	28.280	1615	26.755	24.590	0900	96
06/22/2007	27.910	0045	26.081	23.630	2245	96
06/23/2007	24.900	0400	23.382	22.580	0830	96
06/24/2007	27.150	2230	24.560	22.140	0115	96
06/25/2007	29.410	2315	27.327	24.950	0315	96
06/26/2007	31.180	2145	29.847	28.190	0630	96
06/27/2007	33.510	1700	31.732	29.770	0700	96
06/28/2007	32.980	1315	31.873	29.310	2400	96
06/29/2007	31.060	1645	29.766	28.630	0045	96
06/30/2007	30.550	0030	29.586	28.800	1315	96
AVERAGE	25.467		24.005	22.645		
STD DEV.:	3.995		3.822	3.430		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR July 2007

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
07/01/2007	6.47	1030	6.12	5.75	0045	96
07/02/2007	7.43	1130	6.66	5.77	0130	96
07/03/2007	7.06	0945	6.66	6.18	2230	96
07/04/2007	6.73	1545	6.32	5.86	1915	96
07/05/2007	6.46	1245	5.99	5.54	1745	96
07/06/2007	7.04	1115	6.47	5.76	0400	96
07/07/2007	6.80	1045	6.41	5.77	0015	96
07/08/2007	6.35	1715	6.00	5.67	0330	96
07/09/2007	8.11	2200	6.47	5.79	0045	96
07/10/2007	8.41	0745	7.09	5.93	2400	96
07/11/2007	7.47	1330	6.35	5.63	2145	96
07/12/2007	8.35	0845	6.19	5.75	0215	95
07/13/2007	6.12	0115	5.90	5.78	2130	96
07/14/2007	6.39	1030	6.09	5.87	2300	96
07/15/2007	6.24	0930	6.02	5.62	1315	55
07/17/2007	7.36	1215	6.63	6.46	1400	48
07/18/2007	6.69	0930	6.53	6.35	2345	96
07/19/2007	6.71	1215	6.50	6.16	1145	96
07/20/2007	6.85	0915	6.58	6.11	0800	96
07/21/2007	6.89	0800	6.73	6.54	1045	96
07/22/2007	6.96	0830	6.77	6.62	2100	96
07/23/2007	6.79	2130	6.71	6.57	1115	96
07/24/2007	6.82	0830	6.62	6.32	2400	96
07/25/2007	6.54	1000	6.06	5.54	1915	96
07/26/2007	6.31	1945	5.88	5.29	1915	96
07/27/2007	7.19	0630	6.25	5.42	2115	96
07/28/2007	6.44	1345	5.76	5.22	0945	96
07/29/2007	6.37	0830	5.89	5.25	1330	96
07/30/2007	6.82	0845	6.29	5.91	2330	96
07/31/2007	6.24	2045	5.90	5.12	2130	96
AVERAGE	6.880		6.329	5.851		
STD DEV.:	0.597		0.335	0.410		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM
MONTHLY SUMMARY REPORT FOR July 2007

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
07/01/2007	7.240	0530	7.087	6.992	2145	96
07/02/2007	7.180	0545	7.017	6.920	2215	96
07/03/2007	7.160	0545	7.000	6.927	2330	96
07/04/2007	7.200	1745	6.983	6.911	2100	96
07/05/2007	7.240	1745	7.011	6.885	0915	96
07/06/2007	7.290	1745	7.084	7.000	0200	96
07/07/2007	7.270	1745	7.057	6.968	2345	96
07/08/2007	7.270	1730	7.056	6.990	2200	96
07/09/2007	7.200	0530	7.041	6.997	1030	60
07/10/2007	7.100	1000	7.100	7.100	1000	1
07/11/2007	7.100	1800	7.055	6.844	1300	62
07/12/2007	7.210	0545	7.079	6.853	0915	94
07/13/2007	7.120	0600	7.049	7.010	0830	96
07/14/2007	7.100	0545	7.011	6.961	1145	96
07/15/2007	7.090	0530	7.015	6.968	1345	55
07/16/2007	6.800	1115	6.800	6.800	1115	1
07/17/2007	6.900	1145	6.900	6.900	1145	1
07/18/2007	7.000	1000	7.000	7.000	1000	1
07/19/2007	7.400	2400	7.166	6.983	1130	56
07/20/2007	7.760	0530	7.160	6.893	1000	84
07/21/2007	7.070	0015	7.004	6.961	2315	96
07/22/2007	7.000	1800	6.971	6.942	0800	96
07/23/2007	7.030	1630	6.996	6.937	0730	96
07/24/2007	7.100	1715	7.042	6.974	0400	96
07/25/2007	7.130	1900	7.088	7.040	0515	96
07/26/2007	7.170	1515	7.129	7.090	0545	96
07/27/2007	7.200	1445	7.156	7.120	0515	96
07/28/2007	7.220	1530	7.180	7.110	2345	96
07/29/2007	7.220	1430	7.145	7.020	0630	96
07/30/2007	7.230	1615	7.184	7.130	0600	96
07/31/2007	7.270	1600	7.219	7.170	0630	96
AVERAGE	7.170		7.058	6.981		
STD DEV.:	0.163		0.088	0.088		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR July 2007

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
07/01/2007	33.010	0015	32.235	31.590	2400	96
07/02/2007	31.780	1930	31.280	30.620	0715	96
07/03/2007	32.120	1800	31.352	30.380	0645	96
07/04/2007	32.320	1315	31.594	30.750	0630	96
07/05/2007	34.910	1930	32.658	31.170	0700	96
07/06/2007	34.150	1030	33.618	33.180	1600	96
07/07/2007	33.460	0030	32.630	31.320	0515	96
07/08/2007	34.170	1530	33.310	32.860	0645	96
07/09/2007	33.630	0100	32.653	31.270	2115	96
07/10/2007	32.830	1515	31.805	31.060	0830	96
07/11/2007	33.910	1730	32.644	31.080	0600	96
07/12/2007	34.270	1615	33.283	31.810	1000	95
07/13/2007	34.400	1530	33.592	32.530	0615	96
07/14/2007	34.160	1615	33.333	32.370	0630	96
07/15/2007	33.820	2000	33.358	32.830	0645	96
07/16/2007	34.260	1445	33.320	32.140	0715	96
07/17/2007	34.830	2045	33.821	32.710	0645	96
07/18/2007	34.700	0030	34.086	33.800	1800	96
07/19/2007	34.080	1245	33.616	27.420	1145	96
07/20/2007	33.730	1500	33.123	32.550	0700	96
07/21/2007	33.390	1630	32.732	32.000	0630	96
07/22/2007	33.950	1645	32.927	31.810	0615	96
07/23/2007	33.180	1215	32.787	32.380	0600	96
07/24/2007	33.950	1645	32.976	32.070	0600	96
07/25/2007	35.510	2000	34.072	32.620	0700	96
07/26/2007	36.350	1815	35.359	34.030	0645	96
07/27/2007	37.350	1600	36.587	35.670	0700	96
07/28/2007	37.800	1600	37.016	36.600	2400	96
07/29/2007	37.810	1730	36.848	35.800	0700	96
07/30/2007	37.210	0015	36.728	36.270	0845	96
07/31/2007	37.700	1815	36.913	35.970	0700	96
AVERAGE	34.475		33.621	32.537		
STD DEV.:	1.659		1.649	1.973		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR July 2007

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
07/01/2007	7.96	1630	7.49	6.87	0715	96
07/02/2007	8.48	1630	7.78	6.99	0645	96
07/03/2007	8.63	2030	8.06	7.44	0615	96
07/04/2007	8.72	1700	8.08	7.56	0715	96
07/05/2007	8.07	1815	7.68	7.21	0900	96
07/06/2007	8.68	2000	7.79	6.83	0545	96
07/07/2007	8.61	1915	7.90	7.28	0830	96
07/08/2007	8.30	1815	7.64	7.12	0700	96
07/09/2007	7.75	2030	7.42	7.02	0745	96
07/10/2007	8.15	1815	7.51	7.12	0545	96
07/11/2007	7.72	1745	7.49	7.32	1015	96
07/12/2007	7.93	1630	7.60	7.29	0330	96
07/13/2007	7.71	0630	7.50	7.23	2345	96
07/14/2007	8.04	1915	7.53	7.09	0830	96
07/15/2007	7.94	1315	7.57	7.24	2400	96
07/16/2007	7.99	1715	7.48	6.96	0645	96
07/17/2007	8.26	2130	7.67	7.12	0800	96
07/18/2007	7.82	0015	7.33	7.03	0900	96
07/19/2007	8.43	1700	7.67	6.59	0715	96
07/20/2007	8.45	2000	8.11	7.59	0830	96
07/21/2007	8.72	1745	8.48	8.27	0815	96
07/22/2007	8.99	2015	8.68	8.34	0730	96
07/23/2007	8.77	1345	8.38	7.77	2130	96
07/24/2007	8.18	2000	7.94	7.79	0445	96
07/25/2007	8.47	1700	8.00	7.62	0645	96
07/26/2007	8.47	1930	7.89	7.36	0815	96
07/27/2007	8.83	1815	8.08	7.19	0900	96
07/28/2007	8.55	0015	8.07	7.71	0800	96
07/29/2007	9.05	1745	8.24	7.56	0745	96
07/30/2007	8.70	1800	7.98	7.44	0800	96
07/31/2007	8.72	1830	7.96	7.23	0845	96
AVERAGE	8.358		7.839	7.328		
STD DEV.:	0.388		0.333	0.385		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR July 2007

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
07/01/2007	7.470	1430	7.220	6.930	0600	96
07/02/2007	7.400	1800	7.156	6.879	1115	96
07/03/2007	7.430	1830	7.063	6.758	0615	96
07/04/2007	7.260	1645	6.990	6.791	0645	96
07/05/2007	7.380	1945	6.962	6.704	0730	96
07/06/2007	7.430	1745	7.148	6.767	1000	96
07/07/2007	7.340	1915	7.071	6.868	1015	96
07/08/2007	7.160	1815	7.016	6.850	0745	96
07/09/2007	7.430	2115	7.048	6.799	0745	96
07/10/2007	7.380	0130	7.092	6.779	2400	96
07/11/2007	6.901	2400	6.727	6.664	1415	96
07/12/2007	7.080	0200	6.930	6.796	1045	96
07/13/2007	6.870	1900	6.824	6.792	2230	96
07/14/2007	6.820	0345	6.761	6.668	2400	96
07/15/2007	6.986	1830	6.777	6.614	0800	96
07/16/2007	7.220	1645	6.953	6.653	1330	96
07/17/2007	7.120	1445	6.998	6.835	1515	96
07/18/2007	7.010	2145	6.866	6.727	0545	96
07/19/2007	7.060	1945	6.919	6.707	1400	96
07/20/2007	7.100	0745	6.894	6.677	2100	96
07/21/2007	6.821	0015	6.504	6.364	1430	96
07/22/2007	6.464	1915	6.419	6.333	0945	96
07/23/2007	6.860	1615	6.615	6.422	1045	96
07/24/2007	6.923	1645	6.862	6.799	0315	96
07/25/2007	6.992	1845	6.902	6.832	0715	96
07/26/2007	6.983	1930	6.894	6.808	0745	96
07/27/2007	7.140	1800	6.979	6.695	0915	96
07/28/2007	7.240	1745	7.060	6.970	0745	96
07/29/2007	7.300	1745	7.071	6.905	0430	96
07/30/2007	7.310	1845	7.123	7.010	0430	96
07/31/2007	7.470	1845	7.222	7.050	0630	96
AVERAGE	7.140		6.938	6.756		
STD DEV.:	0.245		0.191	0.165		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR July 2007

STATION: N10

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
07/01/2007	24.130	0015	23.676	22.820	2400	96
07/02/2007	23.170	1515	22.682	22.290	0615	96
07/03/2007	23.140	1730	22.400	21.730	0545	96
07/04/2007	22.950	1530	22.381	21.850	0600	96
07/05/2007	24.230	1645	22.924	21.820	0515	96
07/06/2007	24.670	1715	23.749	22.890	0600	96
07/07/2007	24.560	1645	23.760	22.970	0645	96
07/08/2007	24.800	1715	24.105	23.510	0545	96
07/09/2007	24.130	0015	23.600	22.990	2400	96
07/10/2007	23.260	1530	22.903	22.660	1000	96
07/11/2007	23.890	1645	23.338	22.650	0230	96
07/12/2007	24.330	1600	23.842	23.370	0715	96
07/13/2007	24.270	1445	23.951	23.540	2400	96
07/14/2007	23.870	1545	23.487	23.070	0630	96
07/15/2007	23.890	1400	23.333	22.860	0530	96
07/16/2007	24.150	1545	23.361	22.520	0600	96
07/17/2007	25.340	1745	24.016	22.860	0630	96
07/18/2007	24.770	0015	24.128	23.870	2400	96
07/19/2007	23.850	0015	23.333	22.850	2400	96
07/20/2007	23.120	1245	22.672	22.310	0745	96
07/21/2007	22.490	0100	22.244	22.020	0730	96
07/22/2007	22.890	1730	22.375	21.750	0600	96
07/23/2007	22.580	0015	22.033	20.430	1330	96
07/24/2007	22.530	1730	21.882	21.320	0430	96
07/25/2007	25.850	1730	23.967	21.340	0745	94
07/26/2007	27.120	1800	25.831	24.640	0630	96
07/27/2007	28.580	1900	27.351	25.980	0715	96
07/28/2007	28.200	0015	27.886	27.700	2400	96
07/29/2007	28.900	1630	28.142	27.580	0615	96
07/30/2007	28.310	1900	27.843	27.410	1030	96
07/31/2007	28.990	1715	28.267	27.670	0715	96
AVERAGE	24.741		24.047	23.331		
STD DEV.:	1.983		1.891	1.954		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR July 2007

STATION: S4

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
07/01/2007	30.440	0015	28.548	27.210	1745	96
07/02/2007	28.540	2245	27.294	26.180	1300	96
07/03/2007	29.210	2000	27.907	26.990	0745	96
07/04/2007	29.740	1915	28.810	27.680	0730	96
07/05/2007	31.660	1515	29.859	27.700	0930	96
07/06/2007	31.610	1345	30.163	28.530	0415	96
07/07/2007	30.980	1615	29.770	28.610	0345	96
07/08/2007	31.470	1300	30.169	29.240	0245	96
07/09/2007	30.850	0230	30.112	28.670	2215	96
07/10/2007	29.030	0015	27.190	25.410	0915	96
07/11/2007	27.640	1400	26.460	25.430	0745	96
07/12/2007	27.700	1630	26.424	24.070	0915	96
07/13/2007	27.680	2115	26.327	24.480	0630	96
07/14/2007	28.940	1615	27.431	25.940	0830	96
07/15/2007	29.010	1400	27.897	26.100	1245	56
07/16/2007	25.030	2045	24.491	23.340	1030	55
07/17/2007	30.900	1845	27.934	23.700	0900	96
07/18/2007	30.560	0015	29.695	29.270	0915	96
07/19/2007	30.390	1215	29.178	27.770	0700	96
07/20/2007	28.780	0015	25.857	23.380	0845	96
07/21/2007	25.770	2145	23.946	23.520	0815	96
07/22/2007	26.870	1530	25.268	23.160	0715	96
07/23/2007	26.870	2230	25.933	25.130	0530	96
07/24/2007	28.940	1730	27.594	25.820	0530	96
07/25/2007	30.830	1830	28.802	26.910	0945	96
07/26/2007	32.260	1600	30.650	29.040	0745	96
07/27/2007	33.480	1515	32.136	30.520	0730	96
07/28/2007	34.100	2000	32.396	30.290	1315	96
07/29/2007	33.610	2200	32.456	30.840	0915	96
07/30/2007	33.380	0030	32.578	31.570	1000	96
07/31/2007	33.850	1630	32.561	30.890	0715	96
AVERAGE	30.004		28.575	27.013		
STD DEV.:	2.391		2.419	2.512		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR August 2007

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
08/01/2007	6.39	1415	6.03	5.54	0515	96
08/02/2007	5.94	1000	5.74	5.52	1815	96
08/03/2007	6.11	1315	5.83	5.62	0200	96
08/04/2007	6.24	1845	5.70	5.52	1145	96
08/05/2007	6.33	1315	5.93	5.61	0830	96
08/06/2007	6.24	0930	5.89	5.49	1000	96
08/07/2007	6.34	2315	5.92	5.46	0545	96
08/08/2007	6.65	2145	6.22	5.86	1345	96
08/09/2007	7.08	1115	6.36	5.67	0600	96
08/10/2007	6.68	1300	6.14	5.61	2200	96
08/11/2007	6.58	1100	6.03	5.61	0015	96
08/12/2007	6.35	1200	5.87	5.43	1315	96
08/13/2007	6.29	2130	5.87	5.54	0415	96
08/14/2007	7.34	1215	6.65	5.94	0345	96
08/15/2007	7.03	1045	6.63	6.06	2230	96
08/16/2007	6.69	2015	6.01	5.45	1930	96
08/17/2007	7.00	1200	6.42	5.38	0800	96
08/18/2007	7.19	1200	6.86	6.05	2345	96
08/19/2007	6.67	1345	6.18	5.62	1845	96
08/20/2007	6.58	2000	6.15	5.82	1715	96
08/21/2007	7.28	1900	6.44	5.74	0915	96
08/22/2007	7.51	1300	7.01	6.67	2100	96
08/23/2007	6.89	1100	6.62	6.35	2030	96
08/24/2007	7.08	2215	6.24	5.57	1645	96
08/25/2007	7.36	0800	7.09	6.73	2145	96
08/26/2007	7.31	1600	6.80	6.21	2015	96
08/27/2007	7.54	1115	6.34	5.68	1415	96
08/28/2007	6.31	2245	5.96	5.61	0230	87
08/29/2007	6.82	1045	6.29	5.95	1345	96
08/30/2007	6.07	0030	5.71	5.54	1600	96
08/31/2007	6.81	1030	6.15	5.57	0530	96
AVERAGE	6.732		6.229	5.755		
STD DEV.:	0.457		0.384	0.345		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM
MONTHLY SUMMARY REPORT FOR August 2007

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
08/01/2007	7.280	1415	7.221	7.160	0700	96
08/02/2007	7.310	1345	7.226	7.160	0500	96
08/03/2007	7.270	1200	7.150	7.070	2230	96
08/04/2007	7.140	1500	7.074	7.020	0415	96
08/05/2007	7.100	1530	7.018	6.946	2400	96
08/06/2007	7.220	1315	7.101	6.924	0445	96
08/07/2007	7.250	1345	7.170	7.080	0515	96
08/08/2007	7.270	1600	7.170	6.983	1000	96
08/09/2007	7.300	1500	7.207	7.140	0545	96
08/10/2007	7.240	1530	7.158	7.110	2330	96
08/11/2007	7.310	1500	7.169	7.080	0630	96
08/12/2007	7.390	1530	7.188	7.040	0600	96
08/13/2007	7.400	1445	7.271	7.190	0615	96
08/14/2007	7.430	1445	7.270	7.160	0615	96
08/15/2007	7.450	1545	7.289	7.180	0645	96
08/16/2007	7.470	1345	7.308	7.200	0615	96
08/17/2007	7.450	1400	7.290	7.150	0645	96
08/18/2007	7.300	1430	7.215	7.120	2330	96
08/19/2007	7.310	1515	7.170	7.100	0600	96
08/20/2007	7.280	1315	7.160	7.080	0545	96
08/21/2007	7.240	1245	7.124	7.040	2345	96
08/22/2007	7.220	1345	7.086	6.996	0645	96
08/23/2007	7.260	1515	7.152	7.070	0015	96
08/24/2007	7.300	1500	7.184	7.110	0700	96
08/25/2007	7.310	1430	7.179	7.080	0645	96
08/26/2007	7.280	1345	7.185	7.110	2115	96
08/27/2007	7.300	1445	7.157	7.060	0700	96
08/28/2007	7.380	1415	7.160	7.050	0415	96
08/29/2007	7.450	1445	7.190	7.050	0600	96
08/30/2007	7.440	1330	7.213	7.090	0430	96
08/31/2007	7.310	1145	7.162	7.030	0700	96
AVERAGE	7.312		7.181	7.083		
STD DEV.:	0.091		0.064	0.068		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR August 2007

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
08/01/2007	37.930	1930	37.211	36.240	0645	96
08/02/2007	39.300	1715	37.913	36.440	0630	96
08/03/2007	39.920	1745	38.945	37.800	0400	96
08/04/2007	39.010	1245	38.257	37.480	2400	96
08/05/2007	37.390	0015	36.924	36.350	0645	96
08/06/2007	37.060	2030	36.643	36.190	1215	96
08/07/2007	38.100	1800	37.019	36.030	0600	96
08/08/2007	36.980	0100	36.461	35.500	2400	96
08/09/2007	36.060	1845	35.176	34.130	0745	96
08/10/2007	35.480	0015	34.784	34.220	2400	96
08/11/2007	35.380	1515	34.411	33.230	0700	96
08/12/2007	36.970	2400	35.292	32.780	0400	96
08/13/2007	36.980	0015	35.929	34.720	2400	96
08/14/2007	34.970	1700	34.482	33.550	0630	96
08/15/2007	36.160	2130	35.236	34.550	0045	96
08/16/2007	37.160	1915	36.008	35.140	0715	96
08/17/2007	36.760	1530	35.412	34.430	2400	96
08/18/2007	34.370	0015	32.830	32.000	2400	96
08/19/2007	32.790	1800	32.103	31.520	0745	96
08/20/2007	32.490	1515	31.869	31.000	0700	96
08/21/2007	32.650	1945	31.703	30.930	0915	96
08/22/2007	32.650	1615	31.684	30.840	0800	96
08/23/2007	33.500	2100	32.856	32.240	0015	96
08/24/2007	33.890	2015	33.167	31.990	0715	96
08/25/2007	36.710	2130	35.214	33.260	0515	96
08/26/2007	36.450	0030	35.641	34.810	2100	96
08/27/2007	36.960	1615	35.977	34.800	0730	96
08/28/2007	37.210	1930	36.277	35.410	0745	96
08/29/2007	37.970	1615	36.638	35.660	0645	96
08/30/2007	38.900	1630	37.518	36.570	0215	96
08/31/2007	37.560	1315	36.410	35.590	2400	96
AVERAGE	36.313		35.354	34.368		
STD DEV.:	2.051		1.983	1.967		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR August 2007

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
08/01/2007	8.15	1445	7.30	6.57	2400	96
08/02/2007	7.15	1700	6.34	5.59	0745	96
08/03/2007	6.97	1830	6.15	5.44	0815	96
08/04/2007	6.87	1930	6.06	5.28	0800	96
08/05/2007	6.98	1930	6.21	5.42	0815	96
08/06/2007	7.16	1900	6.53	5.59	1000	96
08/07/2007	7.67	1800	6.97	6.40	0730	96
08/08/2007	7.53	1745	6.89	6.44	1030	96
08/09/2007	8.25	1615	7.47	6.57	0600	96
08/10/2007	8.23	2245	7.79	7.29	0745	96
08/11/2007	8.31	1315	7.92	7.52	0645	96
08/12/2007	8.21	1515	8.07	7.81	2330	96
08/13/2007	8.57	2300	7.97	7.36	0915	96
08/14/2007	8.26	0215	7.85	7.20	0745	96
08/15/2007	8.34	1330	8.09	7.69	0900	96
08/16/2007	8.27	1600	8.00	7.53	0915	96
08/17/2007	8.43	1645	7.90	7.35	1215	96
08/18/2007	8.55	1915	7.95	7.46	0730	96
08/19/2007	8.26	1430	8.03	7.69	0915	96
08/20/2007	8.47	1530	8.10	7.61	0915	96
08/21/2007	8.59	2200	8.20	7.84	0530	96
08/22/2007	8.89	1945	8.42	7.88	1030	96
08/23/2007	8.56	0045	8.17	7.76	1030	96
08/24/2007	8.53	2000	8.24	7.90	0800	96
08/25/2007	8.19	0015	7.63	7.22	1100	96
08/26/2007	8.11	1915	7.33	6.65	0745	96
08/27/2007	8.38	1945	7.45	6.56	0945	96
08/28/2007	8.35	1745	7.65	6.86	0800	96
08/29/2007	8.28	1745	7.67	6.98	1000	96
08/30/2007	8.09	1745	7.30	6.68	0715	96
08/31/2007	8.09	1730	7.34	6.59	0830	96
AVERAGE	8.087		7.516	6.926		
STD DEV.:	0.538		0.673	0.804		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR August 2007

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
08/01/2007	7.590	1845	7.268	7.050	0630	96
08/02/2007	7.580	1800	7.318	7.110	0830	96
08/03/2007	7.760	1445	7.270	7.010	1545	96
08/04/2007	7.720	2000	7.385	7.140	0900	96
08/05/2007	7.530	1400	7.355	7.140	0815	96
08/06/2007	7.410	0015	7.173	7.020	2400	96
08/07/2007	7.420	1715	7.148	6.977	0115	96
08/08/2007	7.160	0115	6.981	6.819	2400	96
08/09/2007	7.110	1045	6.901	6.756	0145	96
08/10/2007	7.110	1730	6.970	6.890	0815	96
08/11/2007	7.240	2115	7.032	6.847	0830	96
08/12/2007	7.590	2100	7.201	6.993	0645	96
08/13/2007	7.580	1830	7.230	6.956	0945	96
08/14/2007	7.540	1645	7.215	7.050	0930	96
08/15/2007	7.750	2200	7.388	7.150	0745	96
08/16/2007	7.550	0015	7.317	7.190	1000	96
08/17/2007	7.480	2030	7.320	7.120	1015	96
08/18/2007	7.450	2100	7.253	7.050	0715	96
08/19/2007	7.420	0015	7.280	7.140	0730	96
08/20/2007	7.590	2000	7.291	7.100	0645	96
08/21/2007	7.530	1830	7.339	7.140	0900	96
08/22/2007	7.470	1745	7.317	7.120	0930	96
08/23/2007	7.420	0015	7.305	7.160	0930	96
08/24/2007	7.440	1930	7.251	7.100	0845	96
08/25/2007	7.330	2245	7.181	7.080	0545	96
08/26/2007	7.480	2000	7.228	7.040	0930	96
08/27/2007	7.440	1600	7.238	7.090	0615	96
08/28/2007	7.380	1845	7.232	7.090	1045	96
08/29/2007	7.450	1345	7.267	7.070	0830	96
08/30/2007	7.440	1745	7.274	7.120	0845	96
08/31/2007	7.350	2000	7.186	7.060	1200	96
AVERAGE	7.462		7.230	7.051		
STD DEV.:	0.161		0.118	0.105		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR August 2007

STATION: N10

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
08/01/2007	29.520	1800	28.590	27.790	0615	96
08/02/2007	30.360	1445	29.209	28.250	0615	96
08/03/2007	30.880	1545	29.734	28.820	0615	96
08/04/2007	30.570	1630	29.746	28.910	0615	96
08/05/2007	30.080	1715	29.255	28.550	0645	96
08/06/2007	29.050	0015	28.107	27.820	2400	96
08/07/2007	28.750	1500	27.812	27.130	0715	96
08/08/2007	27.690	1615	27.167	26.730	0930	96
08/09/2007	27.550	1630	26.975	26.440	0645	96
08/10/2007	27.240	0015	26.574	26.020	2400	96
08/11/2007	26.430	1630	25.752	24.960	0715	96
08/12/2007	27.040	1600	26.187	25.480	0730	96
08/13/2007	27.430	1545	26.565	25.860	0630	96
08/14/2007	27.260	1630	26.408	25.710	0700	96
08/15/2007	27.000	1730	26.269	25.580	0645	96
08/16/2007	27.160	1630	26.315	25.540	0745	96
08/17/2007	27.260	1500	26.332	25.670	0715	96
08/18/2007	25.730	0015	24.828	23.990	2400	96
08/19/2007	24.320	1545	23.958	23.500	2400	96
08/20/2007	23.720	1645	23.220	22.690	0715	96
08/21/2007	23.320	1630	22.766	22.180	0715	96
08/22/2007	22.850	1500	22.299	21.610	0715	96
08/23/2007	22.650	1630	22.385	22.110	0745	96
08/24/2007	23.880	1645	23.024	22.210	0745	96
08/25/2007	25.510	1700	24.454	23.450	0530	96
08/26/2007	26.110	1630	25.471	24.760	0530	96
08/27/2007	27.130	1715	26.060	25.100	0615	96
08/28/2007	27.870	1615	26.661	25.710	0645	96
08/29/2007	27.530	1430	26.700	25.830	0700	96
08/30/2007	27.990	1445	27.072	26.300	0715	96
08/31/2007	27.120	0030	26.756	26.350	2400	96
AVERAGE	27.000		26.215	25.518		
STD DEV.:	2.219		2.082	2.041		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR August 2007

STATION: S4

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
08/01/2007	33.910	1645	32.917	31.590	0745	96
08/02/2007	35.570	1430	33.423	31.940	0730	96
08/03/2007	36.630	1645	34.464	32.160	0145	96
08/04/2007	35.750	1345	34.046	32.120	2315	96
08/05/2007	33.170	0045	32.529	31.790	0915	96
08/06/2007	33.360	1630	32.660	31.620	1745	96
08/07/2007	33.370	1615	32.297	31.270	0745	96
08/08/2007	33.760	1530	32.226	29.450	2400	96
08/09/2007	32.050	1715	30.500	28.610	0430	96
08/10/2007	31.240	0115	30.358	29.180	2300	96
08/11/2007	30.510	2300	28.807	27.700	0615	96
08/12/2007	32.440	2015	30.659	29.160	0700	96
08/13/2007	32.810	1045	31.156	29.540	2030	96
08/14/2007	31.300	1200	30.126	29.230	1415	96
08/15/2007	32.710	1415	31.104	29.430	0030	96
08/16/2007	33.730	2230	31.578	29.740	0030	96
08/17/2007	33.200	1700	31.362	29.080	1030	96
08/18/2007	30.290	0045	28.059	26.800	1000	96
08/19/2007	28.630	0300	28.013	27.310	1900	96
08/20/2007	29.340	1400	28.017	27.110	1815	96
08/21/2007	28.540	0045	27.654	26.550	1400	96
08/22/2007	28.440	1745	27.242	25.540	1200	96
08/23/2007	29.190	1730	27.884	25.970	0015	96
08/24/2007	30.220	0400	29.096	27.460	0800	96
08/25/2007	33.050	1545	30.261	26.680	0545	96
08/26/2007	32.720	0130	30.740	28.730	2300	96
08/27/2007	32.330	1445	30.424	28.520	0600	96
08/28/2007	32.180	1300	30.393	28.210	0315	96
08/29/2007	33.930	1700	31.356	29.000	1030	96
08/30/2007	34.650	1800	31.767	29.200	0345	96
08/31/2007	33.280	1230	31.315	29.260	1600	96
AVERAGE	32.332		30.724	29.031		
STD DEV.:	2.137		1.922	1.873		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR September 2007

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
09/01/2007	6.83	1530	6.33	5.68	0200	96
09/02/2007	6.72	0200	6.09	5.61	2100	96
09/03/2007	6.53	2130	6.05	5.61	1130	96
09/04/2007	7.29	1400	6.62	5.86	0745	96
09/05/2007	6.84	1600	6.39	5.80	0230	96
09/06/2007	7.41	1415	6.56	5.88	0845	96
09/07/2007	6.77	0530	6.33	5.75	2345	96
09/08/2007	7.03	1600	6.45	5.81	0045	96
09/09/2007	6.54	0230	6.08	5.69	1600	96
09/10/2007	7.01	1030	6.24	5.80	0415	96
09/11/2007	6.88	0030	6.39	5.93	1515	96
09/12/2007	6.67	2015	6.12	5.79	0630	96
09/13/2007	7.65	2115	6.65	5.80	0715	96
09/14/2007	7.69	1015	7.49	7.22	2400	96
09/15/2007	7.56	1430	7.33	6.75	2330	96
09/16/2007	7.13	1445	6.80	6.49	1830	96
09/17/2007	7.68	1015	7.15	6.82	0945	96
09/18/2007	7.57	0800	7.24	6.55	1500	96
09/19/2007	7.55	0330	6.94	6.38	1430	96
09/20/2007	7.46	1215	6.76	6.38	1415	96
09/21/2007	7.36	0330	6.79	6.23	1815	96
09/22/2007	7.10	1100	6.53	5.92	2330	96
09/23/2007	7.23	1330	6.60	5.89	0530	96
09/24/2007	8.23	2145	7.21	6.52	0045	96
09/25/2007	8.22	0530	7.27	6.21	2245	96
09/26/2007	8.75	1100	7.28	5.96	0545	96
09/27/2007	7.86	0630	7.05	6.31	2145	76
09/28/2007	8.58	1300	7.54	6.38	0600	96
09/29/2007	9.12	1230	8.45	7.27	2130	96
09/30/2007	8.96	1115	8.15	7.58	1845	96
AVERAGE	7.474		6.830	6.195		
STD DEV.:	0.710		0.597	0.524		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM
MONTHLY SUMMARY REPORT FOR September 2007

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
09/01/2007	7.300	1345	7.150	7.030	2300	96
09/02/2007	7.360	1445	7.127	7.000	0630	96
09/03/2007	7.440	1330	7.184	7.040	0030	96
09/04/2007	7.370	1400	7.164	6.982	2230	96
09/05/2007	7.320	1345	7.066	6.934	0630	96
09/06/2007	7.270	1430	7.040	6.905	0700	96
09/07/2007	7.370	1430	7.141	6.990	0700	96
09/08/2007	7.290	1230	7.127	7.040	2100	96
09/09/2007	7.110	1230	7.033	6.940	2315	96
09/10/2007	7.020	1230	6.965	6.929	0345	96
09/11/2007	6.981	1015	6.932	6.865	2130	96
09/12/2007	6.931	1600	6.877	6.753	0730	96
09/13/2007	6.936	1530	6.847	6.775	0715	96
09/14/2007	6.963	1500	6.880	6.790	0730	96
09/15/2007	6.956	1630	6.918	6.828	2330	96
09/16/2007	6.898	1500	6.822	6.757	0745	96
09/17/2007	6.963	1545	6.843	6.731	0600	96
09/18/2007	6.965	1530	6.871	6.780	0730	96
09/19/2007	6.971	1700	6.883	6.764	0745	96
09/20/2007	7.110	1445	6.983	6.897	2400	96
09/21/2007	7.020	1545	6.908	6.763	0745	96
09/22/2007	7.090	1545	7.000	6.929	0945	96
09/23/2007	7.080	1300	6.988	6.832	2330	96
09/24/2007	7.080	1545	6.903	6.760	2400	96
09/25/2007	6.974	1545	6.758	6.597	1100	96
09/26/2007	7.140	1515	6.923	6.779	0715	96
09/27/2007	7.060	1630	6.923	6.802	0845	96
09/28/2007	7.090	1445	6.965	6.835	0745	96
09/29/2007	7.010	1500	6.903	6.792	2330	96
09/30/2007	6.909	1530	6.818	6.749	0815	96
AVERAGE	7.099		6.965	6.852		
STD DEV.:	0.162		0.116	0.110		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR September 2007

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
09/01/2007	35.550	0015	34.471	33.400	2400	96
09/02/2007	35.770	1600	34.411	32.760	0800	96
09/03/2007	36.040	1430	35.159	34.400	2230	96
09/04/2007	35.690	0200	33.844	32.100	2245	96
09/05/2007	33.670	1245	32.616	31.280	0630	96
09/06/2007	34.650	2130	33.091	31.400	0715	96
09/07/2007	36.660	2015	34.993	32.790	0600	96
09/08/2007	36.610	1330	35.742	34.600	1830	96
09/09/2007	36.390	0400	34.925	33.040	2145	96
09/10/2007	34.480	2015	33.799	32.800	1030	96
09/11/2007	33.560	1045	32.736	31.790	2400	96
09/12/2007	31.760	0015	30.727	30.000	2400	96
09/13/2007	30.540	1600	29.900	29.040	0730	96
09/14/2007	31.000	1600	30.296	29.510	0715	96
09/15/2007	31.000	0015	30.129	28.870	2400	96
09/16/2007	29.450	1445	28.813	28.080	0715	96
09/17/2007	29.330	1515	28.472	27.510	0830	96
09/18/2007	29.420	1630	28.435	27.360	0800	96
09/19/2007	29.500	1530	28.501	27.410	0815	96
09/20/2007	30.850	1715	29.176	27.860	2400	96
09/21/2007	30.380	1630	28.790	26.910	0815	96
09/22/2007	30.600	1930	29.802	29.010	0930	96
09/23/2007	30.450	0015	28.981	26.880	2400	96
09/24/2007	31.180	1630	27.769	23.530	2400	96
09/25/2007	25.440	2400	22.992	21.560	0815	96
09/26/2007	28.720	1630	27.331	25.510	0015	96
09/27/2007	28.480	1400	27.933	26.930	0800	96
09/28/2007	28.110	0115	27.046	21.120	0700	96
09/29/2007	25.710	0015	24.875	23.930	2400	96
09/30/2007	24.350	1445	23.667	22.800	0845	96
AVERAGE	31.511		30.314	28.806		
STD DEV.:	3.471		3.480	3.779		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR September 2007

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
09/01/2007	8.11	1815	7.51	6.67	0800	96
09/02/2007	7.84	2030	7.38	6.90	0815	96
09/03/2007	8.20	1945	7.33	6.83	0145	96
09/04/2007	8.49	1715	7.54	6.47	0815	96
09/05/2007	8.48	1600	7.83	6.91	1030	96
09/06/2007	8.26	0230	7.65	6.96	0845	96
09/07/2007	7.93	0230	7.30	6.81	1145	96
09/08/2007	8.11	1515	7.07	6.33	0815	96
09/09/2007	7.46	1830	6.76	6.09	1000	96
09/10/2007	8.14	2230	7.26	6.55	0200	96
09/11/2007	8.06	0015	7.72	7.41	0745	96
09/12/2007	8.66	2030	7.92	7.27	0530	96
09/13/2007	8.97	2200	8.43	8.00	0800	96
09/14/2007	9.05	2030	8.61	8.27	0930	96
09/15/2007	8.88	1830	8.63	8.31	1045	96
09/16/2007	8.97	1615	8.64	8.36	0830	96
09/17/2007	9.29	1830	8.76	8.24	0800	96
09/18/2007	9.91	1915	9.31	8.89	0930	96
09/19/2007	9.93	2045	9.53	9.22	0715	96
09/20/2007	9.81	0100	9.45	9.19	1330	96
09/21/2007	9.54	1900	9.19	8.89	0930	96
09/22/2007	10.03	2245	9.01	8.15	2330	96
09/23/2007	10.00	1300	9.23	7.67	0500	84
09/24/2007	10.01	0930	9.23	7.74	2115	92
09/25/2007	8.87	0015	8.57	8.09	1045	32
09/26/2007	9.97	1330	8.95	7.47	2215	62
09/27/2007	9.59	1700	8.28	7.14	1130	96
09/28/2007	9.66	1630	8.32	7.47	0145	96
09/29/2007	10.42	1630	8.62	7.07	0145	96
09/30/2007	9.57	0845	8.35	7.87	0215	96
AVERAGE	9.007		8.279	7.575		
STD DEV.:	0.826		0.790	0.863		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR September 2007

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
09/01/2007	7.270	1815	7.117	6.907	0900	96
09/02/2007	7.450	1730	7.169	7.020	0600	96
09/03/2007	7.420	2315	7.187	7.050	0845	96
09/04/2007	7.460	2130	7.246	7.020	0900	96
09/05/2007	7.530	1945	7.271	7.070	1130	96
09/06/2007	7.370	1845	7.229	7.060	1245	96
09/07/2007	7.590	1730	7.237	7.050	0345	96
09/08/2007	7.350	1845	7.186	7.000	1300	96
09/09/2007	7.270	0300	7.072	6.907	1830	96
09/10/2007	7.130	1730	6.971	6.813	2400	96
09/11/2007	6.912	0745	6.773	6.651	2400	96
09/12/2007	6.766	2000	6.670	6.589	0745	96
09/13/2007	6.951	2100	6.756	6.635	0845	96
09/14/2007	6.950	2030	6.884	6.817	0830	96
09/15/2007	6.925	0115	6.848	6.797	2230	96
09/16/2007	6.898	1600	6.839	6.799	0745	96
09/17/2007	6.974	1730	6.880	6.801	0115	96
09/18/2007	6.950	1845	6.884	6.817	0745	96
09/19/2007	6.864	0030	6.801	6.734	0945	96
09/20/2007	6.904	1330	6.850	6.796	2400	96
09/21/2007	6.943	1900	6.816	6.671	0730	96
09/22/2007	6.962	2230	6.834	6.696	0830	96
09/23/2007	7.120	2200	6.900	6.725	0900	96
09/24/2007	7.200	2030	6.980	6.796	1300	92
09/25/2007	7.050	0745	6.928	6.833	1845	96
09/26/2007	6.942	0300	6.845	6.720	1830	96
09/27/2007	6.827	0015	6.710	6.547	2345	96
09/28/2007	6.647	2400	6.569	6.517	1630	96
09/29/2007	6.727	1845	6.612	6.510	1015	96
09/30/2007	6.747	2400	6.654	6.567	1115	96
AVERAGE	7.070		6.924	6.797		
STD DEV.:	0.260		0.203	0.171		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR September 2007

STATION: N10

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
09/01/2007	26.390	0045	25.941	25.450	2400	96
09/02/2007	25.810	1645	25.174	24.500	0715	96
09/03/2007	25.340	1515	24.692	23.990	0715	96
09/04/2007	24.750	0030	24.099	23.490	2400	96
09/05/2007	23.830	1730	23.196	22.550	0730	96
09/06/2007	23.240	2215	22.738	22.220	0730	96
09/07/2007	24.670	1645	23.469	22.530	0630	96
09/08/2007	24.760	1745	24.032	23.320	0645	96
09/09/2007	24.540	0015	23.909	23.490	2400	96
09/10/2007	23.630	1530	23.442	23.170	0815	96
09/11/2007	23.380	0815	23.052	22.200	2400	96
09/12/2007	22.170	0015	21.311	20.730	2400	96
09/13/2007	21.510	1715	20.765	20.030	0730	96
09/14/2007	21.700	1700	21.065	20.350	0800	96
09/15/2007	21.280	0015	20.683	20.170	2400	96
09/16/2007	20.500	1515	19.934	19.520	0745	96
09/17/2007	20.080	1545	19.475	18.840	0715	96
09/18/2007	20.270	1615	19.397	18.630	0645	96
09/19/2007	19.720	1700	19.131	18.410	0830	96
09/20/2007	20.480	1830	19.848	19.290	0830	96
09/21/2007	21.610	1545	20.580	19.890	0430	96
09/22/2007	21.470	1830	20.852	20.330	0630	96
09/23/2007	21.740	1800	21.195	20.700	0630	96
09/24/2007	21.880	1615	21.099	20.400	0700	96
09/25/2007	22.310	1600	21.256	20.360	0700	96
09/26/2007	23.070	1715	21.873	20.840	0700	96
09/27/2007	23.320	1645	22.433	21.660	0800	96
09/28/2007	22.990	1730	22.657	22.370	0400	96
09/29/2007	22.710	0015	22.317	21.850	2400	96
09/30/2007	21.940	1615	21.394	20.880	2400	96
AVERAGE	22.703		22.034	21.405		
STD DEV.:	1.768		1.797	1.820		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR September 2007

STATION: S4

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
09/01/2007	30.780	0100	29.633	28.590	1745	96
09/02/2007	31.840	1745	29.988	27.840	1100	96
09/03/2007	32.820	1900	31.171	29.220	0430	96
09/04/2007	30.980	0745	29.229	27.200	2330	96
09/05/2007	29.820	1400	27.690	24.900	0815	96
09/06/2007	30.520	2330	28.100	25.630	0645	96
09/07/2007	32.530	1415	30.462	27.660	0615	96
09/08/2007	34.180	1445	32.066	30.430	0915	96
09/09/2007	32.660	0100	28.823	25.320	2230	96
09/10/2007	30.630	0645	28.078	25.810	1515	96
09/11/2007	29.460	1615	28.063	26.130	0745	96
09/12/2007	27.350	0030	24.975	22.320	1130	96
09/13/2007	26.880	1645	24.774	22.790	1115	96
09/14/2007	26.800	2130	25.745	23.920	0815	96
09/15/2007	27.290	0245	25.433	23.140	2145	96
09/16/2007	25.430	1700	23.981	22.840	1230	96
09/17/2007	24.670	1500	22.606	20.330	0845	96
09/18/2007	25.450	2000	23.717	20.510	0900	96
09/19/2007	25.970	1700	24.688	22.180	0645	96
09/20/2007	26.510	2000	24.996	23.250	1015	96
09/21/2007	26.550	2045	24.540	22.300	1145	96
09/22/2007	26.900	2000	25.431	23.930	0215	96
09/23/2007	26.300	0245	24.820	23.430	1215	96
09/24/2007	27.130	1415	24.979	23.630	0630	96
09/25/2007	24.270	0015	22.250	21.310	0800	96
09/26/2007	25.160	2130	23.184	21.460	0245	96
09/27/2007	25.180	2215	23.789	21.890	0845	96
09/28/2007	24.420	0100	23.281	22.130	2345	96
09/29/2007	22.170	0015	21.776	21.450	0715	96
09/30/2007	21.940	2115	21.285	20.690	0900	96
AVERAGE	27.753		25.985	24.074		
STD DEV.:	3.251		2.951	2.750		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR October 2007

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
10/01/2007	9.32	1130	7.74	6.92	1515	96
10/02/2007	7.92	1115	7.43	7.09	2400	96
10/03/2007	7.53	1200	7.18	6.77	2045	96
10/04/2007	8.05	2345	7.20	6.72	0400	96
10/05/2007	7.90	0015	7.21	6.64	2145	96
10/06/2007	7.08	0130	6.63	6.02	2200	96
10/07/2007	6.83	1630	6.34	6.04	2400	96
10/08/2007	6.91	1745	6.50	5.99	0245	96
10/09/2007	7.99	1145	6.99	6.52	1530	93
10/10/2007	7.41	1245	7.11	6.79	2215	96
10/11/2007	8.12	1545	7.36	6.71	0515	96
10/12/2007	8.27	1845	7.81	7.29	1430	96
10/13/2007	8.37	0930	8.07	7.88	0500	96
10/14/2007	8.73	1300	8.22	7.72	0015	96
10/15/2007	8.84	1030	8.04	7.71	1215	96
10/16/2007	8.00	2245	7.91	7.81	1045	96
10/17/2007	8.12	2130	7.95	7.70	1415	96
10/18/2007	8.07	0015	7.68	7.28	1630	96
10/19/2007	7.40	0445	7.27	7.08	2330	96
10/20/2007	7.16	0700	6.95	6.74	1545	96
10/21/2007	7.99	1800	7.38	6.72	0815	96
10/22/2007	7.82	0030	7.43	6.68	2130	96
10/23/2007	7.50	0930	7.06	6.76	2230	96
10/24/2007	7.00	0430	6.69	6.37	2145	96
10/25/2007	6.88	1630	6.55	6.34	2330	96
10/26/2007	7.21	0930	6.74	6.31	0045	96
10/27/2007	7.06	1115	6.72	6.12	0815	90
10/28/2007	7.61	1345	7.09	6.31	0500	96
10/29/2007	8.60	2345	7.72	6.73	0030	96
10/30/2007	8.75	0915	8.31	7.84	2345	96
10/31/2007	8.42	1130	8.12	7.82	0015	96
AVERAGE	7.834		7.336	6.885		
STD DEV.:	0.651		0.554	0.593		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM
MONTHLY SUMMARY REPORT FOR October 2007

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
10/01/2007	7.010	1415	6.837	6.711	0700	96
10/02/2007	6.890	1600	6.799	6.711	0700	96
10/03/2007	6.923	1630	6.855	6.787	0930	96
10/04/2007	7.010	1545	6.881	6.685	0930	96
10/05/2007	7.110	1630	6.993	6.836	0100	96
10/06/2007	7.100	1530	7.018	6.952	0415	96
10/07/2007	7.060	1315	7.017	6.984	0430	96
10/08/2007	7.010	0015	6.948	6.890	2400	96
10/09/2007	6.941	0415	6.908	6.866	1330	95
10/10/2007	6.931	1030	6.916	6.889	1315	96
10/11/2007	6.995	1130	6.930	6.873	1015	96
10/12/2007	7.030	2130	6.948	6.853	0900	96
10/13/2007	7.010	0015	6.886	6.831	2400	96
10/14/2007	6.835	0015	6.734	6.555	0715	30
10/15/2007	6.772	1630	6.741	6.562	1045	54
10/16/2007	6.755	1500	6.727	6.693	0615	96
10/17/2007	6.731	0015	6.696	6.654	1330	96
10/18/2007	7.160	1645	6.853	6.577	1045	96
10/19/2007	7.120	0015	7.005	6.711	2400	96
10/20/2007	7.170	1700	7.002	6.645	0815	96
10/21/2007	7.150	0015	6.809	6.572	1115	96
10/22/2007	6.867	2345	6.639	6.400	1000	96
10/23/2007	6.898	1600	6.865	6.825	2345	96
10/24/2007	7.240	1945	6.881	6.709	2400	96
10/25/2007	7.110	1630	6.824	6.659	0645	96
10/26/2007	7.270	1700	6.901	6.683	0745	96
10/27/2007	7.260	1530	7.083	6.844	1130	90
10/28/2007	7.090	0015	6.963	6.869	0415	96
10/29/2007	6.975	0015	6.892	6.816	2400	96
10/30/2007	6.812	0015	6.635	6.553	2400	96
10/31/2007	6.708	2345	6.599	6.540	0215	96
AVERAGE	6.998		6.864	6.733		
STD DEV.:	0.155		0.122	0.141		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR October 2007

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
10/01/2007	27.090	1445	23.543	22.090	2400	96
10/02/2007	22.610	1530	21.839	20.870	0730	96
10/03/2007	23.140	1945	22.489	22.000	0145	96
10/04/2007	25.860	1845	23.434	22.380	0745	96
10/05/2007	32.200	1915	29.087	22.890	0015	96
10/06/2007	32.460	1300	31.490	30.310	0330	96
10/07/2007	31.230	0800	30.576	30.070	1645	96
10/08/2007	30.690	0015	28.946	28.310	1300	96
10/09/2007	28.820	1600	28.062	27.270	1230	96
10/10/2007	27.850	0345	27.311	26.440	1330	96
10/11/2007	27.280	0015	26.814	25.490	1600	96
10/12/2007	26.760	1230	26.275	25.390	2100	96
10/13/2007	25.760	1500	25.496	25.080	0800	96
10/14/2007	26.010	1415	25.673	25.020	0630	96
10/15/2007	25.690	0015	25.127	24.750	2330	96
10/16/2007	24.970	1600	24.615	24.090	0900	96
10/17/2007	24.730	1500	24.440	24.000	0815	96
10/18/2007	24.810	1245	24.275	23.810	2230	96
10/19/2007	24.850	2400	24.155	23.750	0445	96
10/20/2007	25.230	1615	24.829	24.420	2400	96
10/21/2007	26.630	1530	25.544	24.100	0630	96
10/22/2007	26.420	1345	26.022	25.740	2400	96
10/23/2007	27.570	2400	26.513	25.670	0500	96
10/24/2007	27.580	0015	27.074	25.580	2015	96
10/25/2007	27.390	0045	26.714	25.810	1130	96
10/26/2007	26.860	0030	25.960	24.750	1930	96
10/27/2007	26.310	1015	24.857	23.810	1930	90
10/28/2007	24.800	0230	24.304	23.760	2400	96
10/29/2007	23.710	0015	23.014	22.160	2400	96
10/30/2007	22.450	1515	22.118	21.730	0645	96
10/31/2007	22.560	1615	22.308	22.000	0315	96
AVERAGE	26.462		25.578	24.630		
STD DEV.:	2.601		2.380	2.257		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR October 2007

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
10/01/2007	9.09	2230	8.56	7.57	0200	96
10/02/2007	9.15	1845	8.93	8.68	0445	96
10/03/2007	9.29	2045	8.91	6.49	2330	96
10/04/2007	9.47	1930	8.70	6.61	0315	96
10/05/2007	9.25	0230	8.75	8.14	1530	96
10/06/2007	9.27	2330	8.21	7.50	0530	96
10/07/2007	9.16	0045	8.22	7.47	0715	96
10/08/2007	8.81	1015	8.53	7.96	0100	96
10/09/2007	8.95	2330	8.41	8.01	1145	96
10/10/2007	9.14	1645	8.98	8.76	0345	96
10/11/2007	9.26	1600	9.12	8.94	0030	96
10/12/2007	9.27	0230	9.02	8.45	2400	96
10/13/2007	8.61	0045	8.48	8.32	1130	96
10/14/2007	8.98	1830	8.75	8.37	0100	96
10/15/2007	9.53	1830	9.08	8.59	0115	96
10/16/2007	9.78	1815	9.47	9.20	0315	96
10/17/2007	10.06	1800	9.71	9.34	0315	96
10/18/2007	10.06	2300	9.80	9.52	0715	96
10/19/2007	10.01	0030	9.50	9.11	1830	96
10/20/2007	9.51	2030	9.11	8.74	1230	96
10/21/2007	9.66	0815	9.32	8.78	2215	96
10/22/2007	9.70	1445	9.34	8.86	0100	96
10/23/2007	9.39	0530	9.09	8.66	2030	96
10/24/2007	8.81	0430	8.63	8.48	0800	96
10/25/2007	8.71	2200	8.51	8.36	0900	96
10/26/2007	12.06	0915	9.25	8.62	0045	96
10/27/2007	9.66	1230	9.43	9.17	0345	96
10/28/2007	9.74	2115	9.43	9.18	0515	96
10/29/2007	10.92	1415	10.15	9.40	0045	96
10/30/2007	10.81	0445	10.59	10.31	1230	96
10/31/2007	10.59	0630	10.29	9.99	2300	96
AVERAGE	9.571		9.106	8.567		
STD DEV.:	0.735		0.588	0.848		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR October 2007

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
10/01/2007	6.965	1930	6.762	6.522	0830	96
10/02/2007	6.964	2015	6.896	6.825	0500	96
10/03/2007	7.120	2300	6.930	6.836	0630	96
10/04/2007	7.070	0115	6.962	6.814	0800	96
10/05/2007	7.280	1530	7.057	6.908	1015	96
10/06/2007	7.290	1945	7.151	6.977	0115	96
10/07/2007	7.290	2045	7.132	6.946	1315	96
10/08/2007	7.200	0100	6.882	6.752	2400	96
10/09/2007	6.905	2330	6.829	6.751	0230	96
10/10/2007	6.889	0115	6.716	6.555	2400	96
10/11/2007	6.991	1945	6.745	6.520	0600	96
10/12/2007	7.090	1900	6.996	6.940	1045	96
10/13/2007	6.996	0015	6.941	6.881	1230	96
10/14/2007	7.010	2200	6.948	6.914	1215	96
10/15/2007	7.010	0600	6.934	6.829	1245	96
10/16/2007	6.964	2015	6.906	6.874	0645	96
10/17/2007	6.967	0500	6.910	6.859	1215	96
10/18/2007	6.892	0030	6.836	6.804	1030	96
10/19/2007	6.876	1800	6.816	6.749	0945	96
10/20/2007	6.845	0045	6.690	6.555	1515	96
10/21/2007	6.674	1400	6.605	6.468	2330	96
10/22/2007	7.020	2300	6.692	6.392	1045	96
10/23/2007	7.100	1700	7.053	6.997	0130	96
10/24/2007	7.080	0830	7.013	6.955	2300	96
10/25/2007	7.100	2315	7.012	6.958	0100	96
10/26/2007	7.140	0815	6.861	6.610	1045	88
10/27/2007	6.662	0030	6.644	6.597	2400	96
10/28/2007	6.594	0015	6.527	6.485	1000	96
10/29/2007	6.830	1730	6.629	6.444	1030	96
10/30/2007	6.736	0015	6.571	6.507	1500	96
10/31/2007	6.627	2000	6.567	6.516	0030	96
AVERAGE	6.973		6.846	6.734		
STD DEV.:	0.186		0.172	0.191		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR October 2007

STATION: N10

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
10/01/2007	20.870	1615	20.539	20.100	0945	96
10/02/2007	20.230	0015	19.949	19.590	0915	96
10/03/2007	20.220	1830	19.912	19.570	0530	96
10/04/2007	20.760	1800	20.190	19.620	0730	96
10/05/2007	21.630	1815	20.504	19.650	0700	96
10/06/2007	22.040	1715	21.059	20.500	0700	96
10/07/2007	21.200	0030	21.021	20.770	2400	96
10/08/2007	20.730	0015	20.075	19.820	2215	96
10/09/2007	19.850	0015	19.523	19.000	2400	96
10/10/2007	18.960	0015	18.402	18.020	2400	96
10/11/2007	18.050	0100	17.816	17.490	2330	96
10/12/2007	17.490	0015	17.245	16.380	2400	96
10/13/2007	16.320	0015	15.880	15.170	2400	96
10/14/2007	15.440	1345	15.092	14.800	2300	96
10/15/2007	14.840	0015	14.471	14.200	2400	96
10/16/2007	14.710	1445	14.229	13.920	0630	96
10/17/2007	14.320	1630	13.860	13.320	0830	96
10/18/2007	14.400	1845	13.941	13.430	0745	96
10/19/2007	14.990	2400	14.276	13.990	0800	96
10/20/2007	15.670	1445	15.265	14.930	0700	96
10/21/2007	15.530	1400	15.312	15.040	0700	96
10/22/2007	15.240	0015	14.582	14.160	0845	96
10/23/2007	16.020	2400	15.430	14.660	0015	96
10/24/2007	16.040	0115	15.785	15.460	2400	96
10/25/2007	15.740	1345	15.435	15.040	2400	96
10/26/2007	15.240	1400	14.919	14.660	0730	96
10/27/2007	14.750	0015	14.573	14.470	0600	90
10/28/2007	14.490	0015	14.070	13.400	2400	96
10/29/2007	13.410	0015	12.344	11.300	2400	96
10/30/2007	11.310	1500	11.043	10.790	0745	96
10/31/2007	11.290	1545	11.046	10.790	0830	96
AVERAGE	16.832		16.380	15.937		
STD DEV.:	3.024		2.981	2.972		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR October 2007

STATION: S4

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
10/01/2007	22.950	2015	21.179	20.260	0545	96
10/02/2007	21.970	0015	21.074	20.140	0730	96
10/03/2007	22.170	1645	21.463	20.590	0730	96
10/04/2007	22.900	2100	21.952	21.090	1700	96
10/05/2007	28.470	2300	24.538	21.920	0200	96
10/06/2007	29.160	2115	26.480	22.570	0315	96
10/07/2007	28.110	1230	26.353	23.500	0245	96
10/08/2007	27.370	0300	25.541	24.190	2215	96
10/09/2007	25.840	1915	24.770	22.570	0545	96
10/10/2007	24.930	0115	24.098	22.880	2045	96
10/11/2007	23.490	0045	22.862	21.640	1745	96
10/12/2007	22.970	0230	20.947	18.090	2015	96
10/13/2007	21.070	0300	18.990	17.450	1115	96
10/14/2007	18.610	0045	17.321	14.920	1330	96
10/15/2007	19.820	2345	17.889	15.750	1145	96
10/16/2007	20.690	2015	18.539	15.150	1000	96
10/17/2007	20.760	2100	19.531	17.730	1045	96
10/18/2007	21.640	1400	20.193	19.280	0930	96
10/19/2007	21.930	2400	20.571	19.620	0700	96
10/20/2007	22.870	1330	20.939	19.130	2045	96
10/21/2007	19.380	0015	16.571	15.430	1000	96
10/22/2007	18.530	1930	16.272	15.060	0830	96
10/23/2007	19.990	2330	18.068	16.970	0215	96
10/24/2007	20.820	1600	18.752	16.890	0545	96
10/25/2007	20.640	0415	19.423	17.520	1400	96
10/26/2007	20.880	1415	19.567	16.700	1030	96
10/27/2007	20.690	1315	18.491	16.010	0545	90
10/28/2007	18.680	0045	15.079	13.920	1030	96
10/29/2007	14.790	0100	13.992	12.880	2300	96
10/30/2007	12.980	0015	12.476	12.130	1045	96
10/31/2007	14.590	1100	13.137	11.140	0900	96
AVERAGE	21.603		19.905	18.165		
STD DEV.:	3.796		3.672	3.485		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR November 2007

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
11/01/2007	8.52	1000	8.22	7.80	0815	96
11/02/2007	8.56	0945	8.42	8.33	0045	96
11/03/2007	8.65	0630	8.53	8.42	0645	96
11/04/2007	9.02	1730	8.62	8.24	2030	89
11/05/2007	8.82	1015	8.60	8.28	2330	96
11/06/2007	8.51	0715	8.35	8.12	1200	96
11/07/2007	8.71	0945	8.32	8.05	1000	96
11/08/2007	8.85	1030	8.46	8.16	0130	96
11/09/2007	9.16	1245	8.85	8.44	0015	96
11/10/2007	9.41	0830	9.04	8.80	2400	96
11/11/2007	9.12	0630	8.96	8.81	0215	96
11/12/2007	9.09	0715	8.90	8.70	2215	96
11/13/2007	9.27	1200	8.93	8.73	0130	96
11/14/2007	9.57	1100	9.17	8.87	0015	96
11/15/2007	9.30	0015	9.10	8.76	1500	96
11/16/2007	9.06	0015	8.86	8.69	2400	96
11/17/2007	9.41	1400	8.85	8.35	0400	96
11/18/2007	9.08	1015	8.65	8.21	2345	96
11/19/2007	9.43	0915	9.10	8.36	0330	96
11/20/2007	9.57	1115	9.22	8.84	0030	96
11/21/2007	9.93	1500	9.49	8.89	0645	96
11/22/2007	9.83	0600	9.70	9.50	1430	96
11/23/2007	10.12	2400	9.89	9.78	0630	96
11/24/2007	10.16	0030	9.93	9.66	1530	96
11/25/2007	10.09	0845	9.81	9.58	1630	96
11/26/2007	10.57	1145	10.05	9.43	1000	96
11/27/2007	10.29	0600	10.01	9.71	1845	96
11/28/2007	10.08	0900	9.83	9.58	0600	55
AVERAGE	9.364		9.067	8.753		
STD DEV.:	0.585		0.568	0.573		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM
MONTHLY SUMMARY REPORT FOR November 2007

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
11/01/2007	6.783	1815	6.746	6.709	0230	96
11/02/2007	6.761	0345	6.739	6.714	2115	96
11/03/2007	6.945	2400	6.818	6.739	0015	96
11/04/2007	6.945	0045	6.911	6.684	1730	89
11/05/2007	6.874	0145	6.847	6.807	1400	96
11/06/2007	6.925	2130	6.886	6.848	0015	96
11/07/2007	6.931	1745	6.901	6.793	0900	96
11/08/2007	6.899	0015	6.861	6.829	2330	96
11/09/2007	6.849	1945	6.830	6.799	1045	96
11/10/2007	6.843	0015	6.790	6.735	2345	96
11/11/2007	6.736	0015	6.684	6.632	2400	96
11/12/2007	6.679	2400	6.632	6.602	1415	96
11/13/2007	6.830	1915	6.755	6.681	0115	96
11/14/2007	6.885	1845	6.823	6.739	1045	96
11/15/2007	6.895	2400	6.820	6.685	1300	96
11/16/2007	6.989	1545	6.933	6.870	0830	96
11/17/2007	6.965	0115	6.863	6.800	2230	96
11/18/2007	6.803	0045	6.724	6.630	2400	96
11/19/2007	6.762	2230	6.653	6.552	0545	96
11/20/2007	6.761	0700	6.738	6.722	1945	96
11/21/2007	6.740	2100	6.696	6.628	1215	96
11/22/2007	6.745	0745	6.716	6.640	2345	96
11/23/2007	6.740	1530	6.696	6.652	0015	96
11/24/2007	6.688	0015	6.649	6.615	2030	96
11/25/2007	6.618	1600	6.599	6.563	1000	96
11/26/2007	6.621	2400	6.598	6.584	2015	96
11/27/2007	6.789	1830	6.708	6.608	0330	96
11/28/2007	6.783	0145	6.739	6.654	2400	96
11/29/2007	6.726	2400	6.658	6.619	1230	96
11/30/2007	6.730	0130	6.703	6.670	1515	96
AVERAGE	6.808		6.757	6.693		
STD DEV.:	0.101		0.095	0.087		

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MONTHLY SUMMARY REPORT FOR November 2007

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
11/01/2007	22.540	0015	22.226	21.910	2245	96
11/02/2007	21.920	0030	21.542	21.010	2330	96
11/03/2007	21.030	0115	20.668	20.120	2400	96
11/04/2007	20.320	1445	20.056	19.790	0830	89
11/05/2007	20.360	1600	20.110	19.780	0800	96
11/06/2007	20.320	1715	20.184	20.040	0930	96
11/07/2007	20.030	0015	19.829	19.680	1830	96
11/08/2007	19.780	0015	19.145	18.140	1530	96
11/09/2007	18.240	0015	18.006	17.750	0830	96
11/10/2007	17.920	0015	17.631	17.360	2215	96
11/11/2007	17.440	0045	17.168	16.810	2400	96
11/12/2007	17.030	1600	16.744	16.350	0830	96
11/13/2007	17.220	1700	16.954	16.690	0900	96
11/14/2007	17.660	2400	17.150	16.670	0915	96
11/15/2007	18.050	1945	17.888	17.660	0015	96
11/16/2007	17.950	0500	17.646	17.230	2400	96
11/17/2007	17.200	0015	16.871	16.650	1630	96
11/18/2007	17.770	1600	17.430	16.920	0015	96
11/19/2007	17.400	0015	15.625	14.160	0730	96
11/20/2007	15.260	0015	14.908	14.740	2400	96
11/21/2007	14.760	0015	14.574	14.320	2345	96
11/22/2007	14.660	1545	14.491	14.270	0215	96
11/23/2007	14.480	0015	14.145	13.570	2400	96
11/24/2007	13.530	0015	13.278	13.080	0815	96
11/25/2007	13.470	1515	13.216	12.970	0800	96
11/26/2007	13.310	2315	13.184	13.030	0600	96
11/27/2007	13.990	2230	13.701	13.320	0015	96
11/28/2007	13.970	0015	13.904	13.820	0315	96
11/29/2007	14.090	2130	13.894	13.750	1030	96
11/30/2007	14.470	2400	14.216	13.920	0730	96
AVERAGE	17.206		16.879	16.517		
STD DEV.:	2.736		2.709	2.683		

PUBLIC SERVICE OF NEW HAMPSHIRE
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ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR November 2007

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
11/01/2007	10.67	2015	10.36	9.26	0030	96
11/02/2007	10.71	2400	10.51	10.31	0330	96
11/03/2007	10.97	1430	10.76	10.61	0430	96
11/04/2007	10.98	0145	10.76	10.57	1200	96
11/05/2007	10.95	1145	10.78	10.60	0145	96
11/06/2007	11.04	1915	10.79	10.65	0015	96
11/07/2007	10.95	1430	10.72	10.47	1945	96
11/08/2007	11.84	2030	11.29	10.78	0030	96
11/09/2007	11.93	0630	11.64	11.35	2330	96
11/10/2007	11.76	1215	11.64	11.46	1530	96
11/11/2007	12.06	2300	11.71	11.47	1130	96
11/12/2007	12.02	0015	11.61	8.90	1000	96
11/13/2007	12.23	0245	11.99	11.67	1245	96
11/14/2007	12.20	0330	11.86	11.54	2330	96
11/15/2007	11.89	1130	11.58	11.42	1515	96
11/16/2007	11.80	2230	11.46	11.12	1115	96
11/17/2007	12.43	2345	12.13	11.73	0230	96
11/18/2007	12.44	0145	12.19	11.88	1230	96
11/19/2007	12.79	0430	12.50	12.26	0045	96
11/20/2007	12.81	0515	12.61	12.42	0400	96
11/21/2007	12.94	1100	12.57	12.36	0530	96
11/22/2007	12.95	0700	12.76	12.51	1100	96
11/23/2007	13.23	2000	12.94	12.71	0100	96
11/24/2007	13.39	1830	13.21	12.98	0015	96
11/25/2007	13.70	0730	13.29	12.96	1745	96
11/26/2007	13.39	0945	13.17	12.90	1930	96
11/27/2007	13.06	1600	12.93	12.57	1000	96
11/28/2007	12.74	0045	12.60	12.49	0900	56
AVERAGE	12.138		11.869	11.498		
STD DEV.:	0.897		0.899	1.079		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR November 2007

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
11/01/2007	6.687	1115	6.630	6.593	0115	96
11/02/2007	6.665	2215	6.633	6.613	0915	96
11/03/2007	6.702	1530	6.676	6.646	0445	96
11/04/2007	6.714	1615	6.686	6.657	0815	96
11/05/2007	6.789	1145	6.721	6.658	0830	96
11/06/2007	6.788	0900	6.739	6.655	2200	96
11/07/2007	6.673	2400	6.613	6.555	1330	96
11/08/2007	6.707	0300	6.647	6.598	1400	96
11/09/2007	6.747	2045	6.700	6.632	0045	96
11/10/2007	6.717	0215	6.668	6.630	1500	96
11/11/2007	6.664	0015	6.575	6.516	2115	96
11/12/2007	6.619	0200	6.588	6.545	0045	96
11/13/2007	6.648	1445	6.594	6.541	0830	96
11/14/2007	6.817	2330	6.664	6.544	1100	96
11/15/2007	6.864	0230	6.715	6.562	1430	96
11/16/2007	6.953	1600	6.737	6.526	1100	96
11/17/2007	7.090	2345	6.882	6.766	0915	96
11/18/2007	7.120	0230	7.056	6.987	1600	96
11/19/2007	7.090	0015	7.008	6.942	1515	96
11/20/2007	7.070	1215	6.955	6.716	2315	96
11/21/2007	6.785	2400	6.630	6.535	1000	96
11/22/2007	7.020	0730	6.890	6.783	0015	96
11/23/2007	7.120	1730	7.061	6.903	0015	96
11/24/2007	7.130	0145	7.063	7.000	0515	96
11/25/2007	7.110	0445	7.029	6.960	1245	96
11/26/2007	7.050	0430	6.750	6.510	2045	96
11/27/2007	7.140	1630	6.795	6.517	0315	96
11/28/2007	6.900	1300	6.761	6.654	1400	96
11/29/2007	7.070	1800	6.739	6.571	1030	90
11/30/2007	6.898	0100	6.803	6.750	1500	96
AVERAGE	6.878		6.767	6.669		
STD DEV.:	0.183		0.154	0.151		

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MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR November 2007

STATION: N10

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
11/01/2007	10.920	0015	10.704	10.500	2400	96
11/02/2007	10.500	0015	9.942	9.510	0945	96
11/03/2007	9.670	0815	9.442	8.920	2400	96
11/04/2007	8.960	1345	8.774	8.560	0815	85
11/05/2007	9.190	1545	8.831	8.500	0500	96
11/06/2007	9.070	1330	8.893	8.770	0445	96
11/07/2007	8.780	0015	8.480	8.050	1000	96
11/08/2007	8.360	0030	7.858	7.300	2215	96
11/09/2007	7.300	0015	7.075	6.880	2400	96
11/10/2007	6.874	1645	6.770	6.591	1015	96
11/11/2007	6.625	0015	5.776	4.704	2400	96
11/12/2007	4.788	1415	4.610	4.484	2400	96
11/13/2007	4.865	1445	4.588	4.381	0415	96
11/14/2007	4.576	0015	4.424	4.323	0815	33
AVERAGE	7.891		7.583	7.248		
STD DEV.:	2.096		2.081	2.079		

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MONTHLY SUMMARY REPORT FOR November 2007

STATION: S4

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
11/01/2007	14.790	0445	13.478	10.700	1345	96
11/02/2007	13.910	0045	11.020	9.520	2400	96
11/03/2007	9.500	0015	9.224	8.850	2400	96
11/04/2007	8.990	1530	8.637	8.260	1000	89
11/05/2007	10.630	1130	8.969	8.200	0845	96
11/06/2007	11.680	1500	9.400	8.970	0900	96
11/07/2007	10.650	0330	9.468	8.820	1015	96
11/08/2007	9.440	0345	8.944	8.340	2315	96
11/09/2007	8.340	0015	8.066	7.810	2345	96
11/10/2007	7.880	1030	7.609	7.350	2345	96
11/11/2007	9.080	2045	7.316	6.984	1015	96
11/12/2007	10.030	1930	8.319	6.636	1115	96
11/13/2007	10.300	1845	8.385	6.527	0900	96
11/14/2007	10.190	0715	9.531	7.570	0430	39
AVERAGE	10.386		9.169	8.181		
STD DEV.:	1.953		1.546	1.157		

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MONTHLY SUMMARY REPORT FOR December 2007

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
12/01/2007	6.740	2045	6.635	6.558	1830	96
12/02/2007	6.618	0015	6.600	6.503	0900	96
12/03/2007	6.623	0730	6.573	6.512	0915	96
12/04/2007	6.649	1400	6.606	6.545	0015	96
12/05/2007	6.610	0015	6.577	6.529	0730	96
12/06/2007	6.696	1530	6.607	6.529	0930	96
12/07/2007	6.675	1400	6.653	6.633	0500	96
12/08/2007	6.686	0200	6.620	6.540	0730	96
12/09/2007	6.654	1715	6.622	6.589	0745	96
12/10/2007	6.679	1615	6.641	6.619	0045	96
12/11/2007	6.791	2400	6.699	6.616	1000	96
12/12/2007	6.899	1500	6.832	6.733	1115	96
12/13/2007	6.856	0315	6.807	6.764	1815	96
12/14/2007	6.893	1600	6.846	6.800	0345	96
12/15/2007	6.845	0015	6.794	6.737	1030	96
12/16/2007	6.944	1845	6.867	6.787	0815	96
12/17/2007	6.951	1145	6.903	6.850	2045	96
12/18/2007	6.863	0015	6.828	6.795	2145	96
12/19/2007	6.870	1515	6.837	6.810	0400	96
12/20/2007	6.872	1000	6.849	6.831	2015	96
12/21/2007	6.867	1545	6.833	6.798	0915	96
12/22/2007	6.862	1400	6.754	6.557	2015	96
12/23/2007	6.902	2145	6.852	6.746	2400	96
12/24/2007	7.000	1415	6.923	6.726	0030	96
12/25/2007	6.967	0015	6.892	6.824	2130	96
12/26/2007	6.883	0045	6.825	6.781	1215	96
12/27/2007	6.838	1130	6.822	6.785	1415	96
12/28/2007	6.833	0015	6.750	6.620	1430	96
12/29/2007	6.774	2200	6.656	6.535	1200	96
12/30/2007	6.803	1615	6.765	6.604	1000	96
12/31/2007	6.798	2045	6.764	6.723	1700	96
AVERAGE	6.805		6.749	6.677		
STD DEV.:	0.113		0.110	0.116		

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ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR December 2007

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
12/01/2007	14.490	0015	13.585	12.930	1900	96
12/02/2007	13.350	1600	13.117	12.850	0430	96
12/03/2007	13.100	0115	12.832	12.490	0600	96
12/04/2007	12.930	1200	12.711	12.450	0400	96
12/05/2007	13.280	1300	12.964	12.120	0730	96
12/06/2007	13.200	1345	12.926	12.640	0700	96
12/07/2007	13.330	2030	13.088	12.750	0600	96
12/08/2007	13.210	0015	12.147	10.550	0830	96
12/09/2007	12.230	1715	12.073	11.880	0630	96
12/10/2007	12.300	1600	12.103	11.970	0845	96
12/11/2007	12.290	1500	12.053	11.770	0745	96
12/12/2007	12.410	1145	12.160	11.860	2345	96
12/13/2007	12.030	1330	11.771	11.470	1830	96
12/14/2007	12.430	1345	12.019	11.710	2345	96
12/15/2007	11.740	2045	11.466	10.980	1000	96
12/16/2007	11.800	2400	11.537	11.080	1030	96
12/17/2007	11.920	0200	11.506	11.240	1630	96
12/18/2007	12.110	1430	11.709	11.340	0145	96
12/19/2007	12.090	1445	11.808	11.550	0415	96
12/20/2007	11.900	2345	11.798	11.700	0645	96
12/21/2007	12.260	1400	11.913	11.710	2345	96
12/22/2007	11.990	1400	10.399	7.260	2015	96
12/23/2007	12.180	2345	11.975	11.130	0015	96
12/24/2007	12.240	0115	12.019	11.860	2300	96
12/25/2007	11.970	0845	11.338	10.650	2100	96
12/26/2007	12.340	1430	12.061	11.700	0015	96
12/27/2007	12.290	1145	12.154	12.070	1830	96
12/28/2007	12.480	1415	12.286	12.120	0845	96
12/29/2007	12.680	1445	12.410	12.190	0530	96
12/30/2007	12.560	1345	12.406	12.240	0845	96
12/31/2007	12.370	1345	12.024	11.440	1630	96
AVERAGE	12.500		12.141	11.668		
STD DEV.:	0.602		0.627	1.017		

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MONTHLY SUMMARY REPORT FOR December 2007

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
12/01/2007	6.995	1930	6.892	6.779	0130	96
12/02/2007	6.948	0300	6.714	6.533	1830	96
12/03/2007	6.603	2315	6.557	6.502	1815	96
12/04/2007	6.641	1400	6.588	6.550	0915	96
12/05/2007	6.670	0600	6.577	6.511	1930	96
12/06/2007	6.762	0600	6.682	6.547	0015	96
12/07/2007	6.902	0800	6.722	6.554	1745	96
12/08/2007	6.745	0315	6.607	6.510	1715	96
12/09/2007	6.710	0630	6.640	6.580	0015	96
12/10/2007	6.792	2400	6.647	6.581	1645	96
12/11/2007	6.932	0930	6.779	6.657	1345	96
12/12/2007	6.948	2400	6.755	6.636	1330	96
12/13/2007	7.130	0800	6.869	6.620	1415	96
12/14/2007	6.842	0415	6.687	6.522	1930	96
12/15/2007	6.914	1145	6.788	6.579	0100	96
12/16/2007	6.970	1100	6.858	6.737	2400	96
12/17/2007	6.967	1045	6.856	6.669	0315	96
12/18/2007	7.110	0900	6.902	6.702	1715	96
12/19/2007	7.050	0300	6.852	6.628	2400	96
12/20/2007	6.680	0730	6.620	6.550	2400	96
12/21/2007	6.786	2400	6.580	6.494	1700	96
12/22/2007	6.818	0215	6.654	6.467	2400	96
12/23/2007	6.458	0015	6.429	6.349	2330	96
12/24/2007	6.746	2100	6.525	6.113	1030	96
12/25/2007	6.788	2400	6.464	6.245	0645	96
12/26/2007	7.056	1145	6.812	6.674	1645	96
12/27/2007	6.836	1700	6.730	6.664	1215	96
12/28/2007	6.819	0915	6.694	6.621	2400	96
12/29/2007	6.649	0900	6.565	6.413	2315	96
12/30/2007	6.590	0445	6.489	6.430	2230	53
12/31/2007	6.800	1230	6.596	6.354	1315	87
AVERAGE	6.828		6.682	6.541		
STD DEV.:	0.162		0.132	0.141		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM
MONTHLY SUMMARY REPORT FOR January 2008

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
01/01/2008	6.790	0045	6.732	6.656	1730	96
01/02/2008	6.845	1400	6.767	6.708	0415	96
01/03/2008	6.811	1415	6.785	6.751	2330	96
01/04/2008	6.828	1345	6.790	6.732	0745	96
01/05/2008	6.892	2400	6.842	6.792	1045	96
01/06/2008	6.913	0700	6.894	6.878	1500	96
01/07/2008	6.880	1945	6.833	6.673	2400	96
01/08/2008	6.812	2345	6.691	6.575	1200	96
01/09/2008	7.080	2045	6.837	6.544	0930	96
01/10/2008	7.080	0015	6.851	6.720	1000	96
01/11/2008	7.020	0730	6.914	6.772	2330	96
01/12/2008	6.779	0045	6.704	6.586	1000	96
01/13/2008	6.722	1645	6.695	6.608	1330	96
01/14/2008	6.974	2400	6.749	6.636	2000	96
01/15/2008	7.050	1345	6.971	6.803	2345	96
01/16/2008	7.020	2000	6.880	6.718	0945	96
01/17/2008	7.070	2045	7.039	7.000	0700	96
01/18/2008	7.130	1045	6.882	6.672	1200	94
01/19/2008	6.767	1530	6.746	6.708	2400	96
01/20/2008	6.731	0215	6.664	6.546	0945	96
01/21/2008	6.837	1500	6.760	6.698	0700	96
01/22/2008	6.848	1615	6.817	6.770	0400	96
01/23/2008	6.897	1530	6.864	6.830	0015	96
01/24/2008	6.883	1715	6.861	6.842	2330	96
01/25/2008	6.880	1530	6.851	6.830	1015	96
01/26/2008	6.854	0015	6.839	6.826	1915	96
01/27/2008	6.872	1315	6.853	6.836	0500	96
01/28/2008	6.924	1515	6.878	6.841	0830	96
01/29/2008	6.934	1330	6.907	6.883	0415	96
01/30/2008	6.903	0015	6.704	6.517	2100	96
01/31/2008	7.190	1615	6.955	6.530	0345	96
AVERAGE	6.910		6.824	6.725		
STD DEV.:	0.119		0.089	0.120		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR January 2008

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
01/01/2008	12.230	2345	12.069	11.890	1645	96
01/02/2008	12.260	0200	11.872	10.690	2100	96
01/03/2008	11.720	1445	11.472	11.280	0015	96
01/04/2008	12.260	1500	11.896	11.290	0700	96
01/05/2008	12.620	1500	12.310	12.090	0045	96
01/06/2008	12.630	1445	12.437	12.310	0430	96
01/07/2008	12.720	1445	12.250	10.350	2400	96
01/08/2008	11.900	1500	11.049	10.040	0145	96
01/09/2008	12.030	1330	11.673	11.390	2145	96
01/10/2008	11.400	0045	9.331	8.600	0845	96
01/11/2008	12.940	2400	12.404	11.050	0015	96
01/12/2008	13.510	1430	13.230	12.910	0045	96
01/13/2008	13.970	2400	13.636	13.290	0215	96
01/14/2008	19.010	2400	14.052	11.730	1815	96
01/15/2008	21.890	1315	18.561	13.190	2215	96
01/16/2008	19.470	2400	15.030	11.730	0745	96
01/17/2008	21.450	2400	20.245	18.860	0715	96
01/18/2008	22.210	1415	21.509	19.270	0700	94
01/19/2008	22.440	1845	21.853	20.700	2400	96
01/20/2008	20.670	0015	17.380	12.030	1115	96
01/21/2008	20.180	1500	19.770	19.370	0530	96
01/22/2008	20.780	2400	20.330	19.920	0530	96
01/23/2008	21.090	1445	20.698	20.440	0645	96
01/24/2008	20.980	1445	20.610	20.320	2400	96
01/25/2008	20.970	1430	20.402	20.000	0530	96
01/26/2008	20.890	1500	20.504	20.090	0900	96
01/27/2008	20.620	1600	20.429	20.240	2400	96
01/28/2008	20.950	1345	20.372	20.120	0245	96
01/29/2008	21.400	1700	20.832	20.260	0645	96
01/30/2008	21.100	0015	12.240	5.682	2345	96
01/31/2008	12.010	1700	9.714	5.441	0400	96
AVERAGE	17.106		15.812	14.406		
STD DEV.:	4.372		4.284	4.811		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR January 2008

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
01/01/2008	6.922	0130	6.651	6.279	2015	27
01/02/2008	7.050	1700	6.771	6.430	1445	13
01/03/2008	6.800	1030	6.800	6.800	1030	1
01/04/2008	6.818	1230	6.703	6.434	1415	9
01/07/2008	6.827	1330	6.623	6.346	1945	12
01/08/2008	6.683	0330	6.554	6.412	0400	17
01/09/2008	7.080	2400	6.739	6.550	1115	53
01/10/2008	7.110	2315	6.865	6.552	1300	96
01/11/2008	7.150	0445	6.957	6.619	1830	96
01/12/2008	7.110	0315	6.830	6.533	1745	96
01/13/2008	7.200	2230	6.968	6.629	1315	96
01/14/2008	7.180	1345	7.067	6.530	1745	96
01/15/2008	7.190	2330	6.907	6.530	1000	96
01/16/2008	7.190	0015	7.035	6.750	0945	96
01/17/2008	7.170	0400	6.963	6.635	2330	96
01/18/2008	7.160	0730	6.771	6.557	2215	96
01/19/2008	7.191	1630	6.788	6.505	0145	96
01/20/2008	6.954	1615	6.799	6.614	0830	96
01/21/2008	7.420	0445	6.958	6.664	1815	96
01/22/2008	7.030	0215	6.799	6.593	1200	96
01/23/2008	6.845	2315	6.735	6.649	0330	96
01/24/2008	7.060	2400	6.924	6.819	0015	96
01/25/2008	7.220	0745	7.074	6.948	1700	96
01/26/2008	7.300	0900	7.065	6.966	1530	96
01/27/2008	7.170	2400	7.083	7.010	1715	96
01/28/2008	7.310	0930	7.124	6.934	1545	96
01/29/2008	7.290	0800	7.127	7.010	2345	96
01/30/2008	7.050	0400	6.885	6.733	1615	96
01/31/2008	7.250	0930	7.070	6.918	0015	96
AVERAGE	7.094		6.884	6.653		
STD DEV.:	0.176		0.159	0.202		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM
MONTHLY SUMMARY REPORT FOR February 2008

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
02/01/2008	7.220	1330	7.183	7.130	0015	96
02/02/2008	7.240	0600	7.221	7.190	0015	96
02/03/2008	7.240	0200	6.792	6.515	1930	96
02/04/2008	7.130	1445	6.827	6.559	0145	96
02/05/2008	7.100	1315	6.933	6.740	1415	96
02/06/2008	6.756	0030	6.707	6.679	1430	96
02/07/2008	6.720	0900	6.696	6.678	2000	96
02/08/2008	6.757	1845	6.721	6.676	1100	96
02/09/2008	6.752	0030	6.722	6.690	1145	96
02/10/2008	6.793	2030	6.754	6.718	0015	96
02/11/2008	7.120	1600	6.999	6.765	0500	96
02/12/2008	7.080	1200	6.889	6.688	2215	96
02/13/2008	6.702	1345	6.679	6.650	2245	96
02/14/2008	6.722	0530	6.677	6.575	2400	96
02/15/2008	6.629	1630	6.562	6.516	0930	96
02/16/2008	6.617	1600	6.561	6.506	0515	96
02/17/2008	6.606	1700	6.591	6.568	1000	96
02/18/2008	6.619	0415	6.582	6.523	0815	33
02/19/2008	6.853	2015	6.788	6.557	1230	54
02/20/2008	6.884	0630	6.740	6.579	1300	96
02/21/2008	6.642	1500	6.616	6.581	2300	96
02/22/2008	6.650	1345	6.609	6.543	0900	96
02/23/2008	6.951	2215	6.842	6.632	0130	96
02/24/2008	6.997	1730	6.968	6.945	0030	96
02/25/2008	6.987	1545	6.972	6.940	1000	96
02/26/2008	6.997	1230	6.924	6.639	2300	92
02/27/2008	6.794	1830	6.728	6.333	0415	80
02/28/2008	7.100	1615	6.954	6.775	0015	96
02/29/2008	7.100	1315	7.034	6.950	1400	96
AVERAGE	6.888		6.802	6.684		
STD DEV.:	0.211		0.178	0.191		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR February 2008

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
02/01/2008	12.920	1315	12.449	11.790	0015	96
02/02/2008	13.450	1630	13.116	12.270	0015	96
02/03/2008	13.550	0200	8.479	6.026	2300	96
02/04/2008	12.620	2330	8.939	6.059	0015	96
02/05/2008	12.960	1930	12.725	12.380	0615	96
02/06/2008	12.940	1445	12.832	12.700	2400	96
02/07/2008	12.670	0030	12.536	12.430	2300	96
02/08/2008	12.720	1745	12.522	12.330	0630	96
02/09/2008	13.110	1545	12.781	12.420	0800	96
02/10/2008	13.190	1245	13.001	12.560	2400	96
02/11/2008	19.470	2345	16.780	12.100	0515	96
02/12/2008	21.860	2145	20.642	19.460	0030	96
02/13/2008	21.700	0015	21.171	20.430	0715	96
02/14/2008	22.460	2400	21.405	20.400	0345	96
02/15/2008	22.790	0315	20.533	18.890	2400	96
02/16/2008	19.650	1715	19.127	18.470	0500	96
02/17/2008	20.310	2200	19.867	19.390	0730	96
02/18/2008	20.590	0415	15.059	12.340	2400	96
02/19/2008	12.590	1345	12.294	12.090	0800	96
02/20/2008	12.560	1500	12.197	11.980	0800	96
02/21/2008	12.610	1515	12.193	11.870	0730	96
02/22/2008	12.500	1530	12.263	12.110	0445	96
02/23/2008	19.820	1630	17.276	12.150	0530	96
02/24/2008	21.080	1600	20.184	19.490	0115	96
02/25/2008	21.810	1600	20.934	20.200	0745	96
02/26/2008	21.070	0015	18.151	10.940	2245	91
02/27/2008	13.020	1130	12.779	10.950	0115	81
02/28/2008	19.510	1645	16.055	12.230	0915	96
02/29/2008	21.270	1530	20.146	18.910	0015	96
AVERAGE	16.786		15.463	13.978		
STD DEV.:	4.174		3.963	4.114		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR February 2008

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
02/01/2008	7.190	1930	7.103	7.040	1300	96
02/02/2008	7.080	0015	6.799	6.621	1530	96
02/03/2008	6.732	2400	6.628	6.543	1230	96
02/04/2008	6.864	1245	6.720	6.644	1400	96
02/05/2008	6.942	0730	6.712	6.545	1845	96
02/06/2008	6.719	2215	6.625	6.520	2400	96
02/07/2008	6.980	0830	6.596	6.321	1530	96
02/08/2008	6.999	2000	6.619	6.363	1115	96
02/09/2008	7.170	1830	7.048	6.759	0045	96
02/10/2008	7.190	2045	6.819	6.502	1330	96
02/11/2008	7.200	0300	7.108	6.700	1030	13
02/12/2008	6.744	1415	6.681	6.600	1115	45
02/13/2008	6.879	1915	6.731	6.410	2045	83
02/14/2008	6.718	1115	6.438	6.227	1845	39
02/15/2008	7.220	2045	6.813	6.284	1400	29
02/18/2008	7.090	0945	6.817	6.505	2215	58
02/19/2008	7.370	2345	6.848	6.536	1115	96
02/20/2008	7.450	0145	7.057	6.607	1600	96
02/21/2008	7.070	1000	6.968	6.860	0015	96
02/22/2008	7.130	0530	6.887	6.674	1545	96
02/23/2008	7.300	0330	6.914	6.790	1815	96
02/24/2008	7.100	0845	6.992	6.904	1515	96
02/25/2008	7.080	0730	6.969	6.790	1300	96
02/26/2008	7.010	0100	6.950	6.837	1200	96
02/27/2008	6.852	0015	6.474	6.054	1615	96
02/28/2008	7.030	2330	6.729	6.268	0015	96
02/29/2008	7.300	0730	6.950	6.718	1845	96
AVERAGE	7.052		6.815	6.579		
STD DEV.:	0.200		0.184	0.230		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM
MONTHLY SUMMARY REPORT FOR March 2008

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
03/01/2008	7.010	1245	6.990	6.958	0200	96
03/02/2008	7.080	1645	7.020	6.926	2400	96
03/03/2008	6.911	0015	6.686	6.563	0530	96
03/04/2008	7.160	1630	6.978	6.600	0445	96
03/05/2008	7.220	1400	7.120	6.781	2400	96
03/06/2008	6.768	0015	6.631	6.543	0630	96
03/07/2008	7.090	1430	6.833	6.604	0330	96
03/08/2008	7.100	1115	7.040	7.000	0815	96
03/09/2008	7.100	0315	7.078	7.010	0115	96
03/10/2008	7.060	0015	6.851	6.658	2345	96
03/11/2008	6.666	0045	6.621	6.581	1145	96
03/12/2008	6.611	0330	6.566	6.508	1315	96
03/13/2008	6.656	2400	6.610	6.562	0800	96
03/14/2008	6.739	1915	6.698	6.659	0100	96
03/15/2008	6.746	1830	6.722	6.685	1115	96
03/16/2008	6.806	1930	6.739	6.630	1245	96
03/17/2008	6.854	1600	6.809	6.774	0715	96
03/18/2008	6.862	1530	6.821	6.789	0830	96
03/19/2008	6.853	1830	6.830	6.813	0915	96
03/20/2008	6.910	2330	6.856	6.776	0845	96
03/21/2008	6.942	1630	6.909	6.868	2330	96
03/22/2008	6.906	1530	6.870	6.835	0815	96
03/23/2008	6.899	1615	6.855	6.823	0845	96
03/24/2008	6.883	1300	6.847	6.803	0730	96
03/25/2008	6.902	2215	6.873	6.841	0815	96
03/26/2008	7.010	1730	6.944	6.892	0215	96
03/27/2008	7.030	1700	6.994	6.960	0745	96
03/28/2008	7.010	0015	6.844	6.734	2345	96
03/29/2008	6.779	1815	6.740	6.696	0800	96
03/30/2008	6.751	1730	6.705	6.634	0745	96
03/31/2008	6.747	1815	6.722	6.691	0800	96
AVERAGE	6.905		6.832	6.748		
STD DEV.:	0.157		0.144	0.143		

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MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR March 2008

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
03/01/2008	21.390	1745	20.827	20.310	1015	96
03/02/2008	21.000	1545	20.362	18.300	2400	96
03/03/2008	18.000	0015	9.389	7.140	2400	96
03/04/2008	13.750	2200	11.422	6.912	0430	96
03/05/2008	15.170	1500	13.270	7.950	2400	96
03/06/2008	7.880	0015	7.095	6.450	0815	96
03/07/2008	13.690	2400	9.980	6.790	0245	96
03/08/2008	13.810	1430	13.704	13.580	0745	96
03/09/2008	13.640	0015	13.256	12.930	0815	96
03/10/2008	13.480	1500	13.242	12.920	0845	96
03/11/2008	15.010	1515	14.057	13.260	0645	96
03/12/2008	14.710	0330	13.430	12.630	2400	96
03/13/2008	13.690	1430	13.052	12.500	0900	96
03/14/2008	14.190	1545	13.842	13.460	0700	96
03/15/2008	14.020	0015	13.868	13.590	0745	96
03/16/2008	14.330	1445	13.965	13.770	0645	96
03/17/2008	14.180	1545	13.675	13.070	0745	96
03/18/2008	14.600	1345	14.047	13.670	0815	96
03/19/2008	13.930	0015	13.669	13.520	2400	96
03/20/2008	13.540	1700	13.445	13.340	2400	96
03/21/2008	13.450	1600	13.139	12.810	0900	96
03/22/2008	13.960	1545	13.435	12.900	0630	96
03/23/2008	14.260	1600	13.825	13.410	0815	96
03/24/2008	14.860	1615	14.341	13.770	0745	96
03/25/2008	14.680	1215	14.405	14.110	0800	96
03/26/2008	15.250	1615	14.745	14.320	0345	96
03/27/2008	15.430	2015	15.227	14.940	0715	96
03/28/2008	15.490	0200	14.880	14.400	2400	96
03/29/2008	14.370	0015	13.982	13.680	0945	96
03/30/2008	14.650	1615	13.914	12.700	0700	96
03/31/2008	14.420	0015	14.183	14.020	1000	96
AVERAGE	14.672		13.731	12.811		
STD DEV.:	2.277		2.479	3.015		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR March 2008

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
03/01/2008	7.290	0200	6.944	6.624	2200	96
03/02/2008	7.010	0800	6.813	6.625	0145	96
03/03/2008	7.070	0645	6.884	6.733	1330	96
03/04/2008	7.080	0145	6.936	6.768	1415	96
03/05/2008	6.865	0030	6.783	6.682	0915	96
03/06/2008	7.180	2030	6.792	6.616	1145	96
03/07/2008	7.250	0300	6.934	6.639	1445	96
03/08/2008	7.082	1800	6.843	6.530	0700	96
03/09/2008	7.147	0700	6.793	6.429	2030	96
03/10/2008	6.845	2400	6.626	6.451	0015	96
03/11/2008	6.939	0445	6.754	6.465	1315	96
03/12/2008	6.747	0115	6.652	6.569	1615	96
03/13/2008	6.936	2100	6.783	6.617	0200	96
03/14/2008	6.895	2345	6.819	6.755	1045	96
03/15/2008	6.897	0500	6.632	6.429	2330	96
03/16/2008	6.811	2400	6.520	6.305	0515	96
03/17/2008	7.070	2315	6.875	6.789	1200	96
03/18/2008	7.060	0330	6.920	6.749	1400	96
03/19/2008	6.936	0230	6.774	6.527	2130	87
03/20/2008	6.700	1145	6.700	6.700	1145	1
03/21/2008	6.700	1000	6.700	6.700	1000	1
03/24/2008	6.800	1215	6.800	6.800	1215	2
03/25/2008	6.800	1115	6.800	6.800	1115	1
03/26/2008	6.700	1400	6.700	6.700	1400	1
03/27/2008	6.700	1130	6.700	6.700	1130	2
03/28/2008	6.800	0930	6.750	6.700	1300	2
03/31/2008	6.800	0930	6.750	6.700	1100	2
AVERAGE	6.930		6.777	6.633		
STD DEV.:	0.174		0.104	0.131		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR April 2008

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
04/17/2008	9.84	2215	9.39	8.05	1115	56
04/18/2008	9.87	0630	9.03	8.01	2030	96
04/19/2008	9.09	1045	8.64	8.18	2315	96
04/20/2008	9.24	2330	8.58	8.13	0300	96
04/21/2008	8.66	2200	8.42	8.01	1000	96
04/22/2008	8.79	0345	8.37	7.89	0945	96
04/23/2008	8.63	0900	8.12	7.72	0315	96
04/24/2008	8.31	0100	7.71	6.76	2115	96
04/25/2008	6.99	0945	6.89	6.79	0800	96
04/26/2008	8.65	2330	7.31	6.83	1115	96
04/27/2008	8.83	1745	8.28	7.82	1030	96
04/28/2008	9.19	1245	8.59	7.75	0045	96
04/29/2008	9.41	1530	8.75	7.98	2045	96
04/30/2008	9.25	1715	8.65	8.20	0015	96
AVERAGE	8.910		8.337	7.723		
STD DEV.:	0.715		0.661	0.524		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM
MONTHLY SUMMARY REPORT FOR April 2008

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
04/01/2008	6.818	2345	6.684	6.505	1730	96
04/02/2008	7.350	1815	7.015	6.684	0130	96
04/03/2008	7.460	0830	7.024	6.698	0900	96
04/04/2008	6.753	0145	6.710	6.650	2400	96
04/05/2008	6.732	1730	6.651	6.545	1015	96
04/06/2008	6.652	0030	6.614	6.597	0445	96
04/07/2008	6.722	1500	6.651	6.538	0845	96
04/08/2008	6.880	1845	6.773	6.653	0915	96
04/09/2008	6.921	2300	6.883	6.815	0015	96
04/10/2008	6.945	1530	6.892	6.825	0815	96
04/11/2008	6.866	1300	6.847	6.820	2400	96
04/12/2008	6.821	0015	6.744	6.626	1300	96
04/13/2008	6.680	0015	6.620	6.561	2400	96
04/14/2008	6.609	1515	6.563	6.528	0430	96
04/15/2008	6.616	1515	6.561	6.507	0345	96
04/16/2008	6.699	0230	6.650	6.591	1130	96
04/17/2008	6.813	1700	6.705	6.587	0430	96
04/18/2008	6.862	1645	6.780	6.676	0730	96
04/19/2008	6.847	1545	6.800	6.737	0445	96
04/20/2008	6.780	0015	6.729	6.685	0830	96
04/21/2008	6.713	1900	6.688	6.645	0800	96
04/22/2008	6.739	1900	6.694	6.625	0645	96
04/23/2008	6.811	1515	6.735	6.652	0545	96
04/24/2008	6.801	1745	6.747	6.684	0630	96
04/25/2008	6.838	1515	6.760	6.709	0630	96
04/26/2008	6.726	0015	6.631	6.559	2000	96
04/27/2008	6.673	2245	6.611	6.509	0600	96
04/28/2008	6.645	1300	6.599	6.551	1100	96
04/29/2008	6.834	2130	6.670	6.557	1315	96
04/30/2008	7.010	1545	6.929	6.816	0030	96
AVERAGE	6.821		6.732	6.638		
STD DEV.:	0.187		0.122	0.097		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR April 2008

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
04/01/2008	14.250	0100	11.583	5.762	2400	96
04/02/2008	10.030	2400	7.488	5.454	0800	96
04/03/2008	14.080	1515	12.541	10.100	0015	96
04/04/2008	12.960	1045	12.890	12.730	2330	96
04/05/2008	13.680	1530	12.913	12.430	0815	96
04/06/2008	13.350	2315	12.943	12.460	0445	96
04/07/2008	14.830	1500	13.923	13.060	0630	96
04/08/2008	16.280	1500	14.942	13.810	0730	96
04/09/2008	16.240	1430	15.506	14.890	0715	96
04/10/2008	17.090	1430	16.263	15.670	2400	96
04/11/2008	17.080	1415	16.660	15.610	0045	96
04/12/2008	17.450	1445	16.246	14.860	2400	96
04/13/2008	14.790	0015	13.960	13.230	2400	96
04/14/2008	14.530	1515	13.792	13.020	0215	96
04/15/2008	16.420	1530	15.199	13.850	0245	96
04/16/2008	17.890	1445	16.312	14.780	0600	96
04/17/2008	20.160	1630	17.928	16.060	0645	96
04/18/2008	22.200	1615	19.442	17.120	0700	96
04/19/2008	20.100	1215	19.084	18.320	0645	96
04/20/2008	18.870	1400	18.095	17.190	0730	96
04/21/2008	19.340	1330	18.450	17.570	0700	96
04/22/2008	20.000	1230	19.030	17.840	0615	96
04/23/2008	22.120	1515	19.989	18.590	0615	96
04/24/2008	20.170	1415	19.651	19.310	0630	96
04/25/2008	22.900	1530	20.879	19.420	2400	96
04/26/2008	19.350	0015	16.865	14.710	2115	96
04/27/2008	15.340	0300	14.212	12.210	2130	96
04/28/2008	12.450	0800	11.618	10.270	2015	96
04/29/2008	14.320	2115	11.909	10.630	1315	96
04/30/2008	16.930	1400	15.957	14.140	0115	96
AVERAGE	16.840		15.542	14.170		
STD DEV.:	3.187		3.106	3.472		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR April 2008

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
04/17/2008	11.71	1430	10.62	9.72	2330	41
04/18/2008	16.06	0045	10.66	9.76	0415	96
04/19/2008	11.31	0515	10.81	10.31	0930	96
04/20/2008	11.18	0200	10.71	10.32	1730	96
04/21/2008	11.12	0400	10.71	10.30	2315	96
04/22/2008	10.95	0330	10.48	10.03	2330	96
04/23/2008	10.59	0145	10.05	9.52	1630	96
04/24/2008	10.44	0530	9.92	9.36	1915	96
04/25/2008	10.60	0900	10.08	9.63	2300	96
04/26/2008	10.05	0045	9.37	8.73	2245	96
04/27/2008	8.99	0300	8.82	7.97	0600	24
04/28/2008	10.24	0345	9.27	8.89	2145	82
04/29/2008	9.74	0015	9.23	8.76	1230	96
04/30/2008	10.54	2215	9.83	9.28	0115	96
AVERAGE	10.966		10.041	9.470		
STD DEV.:	1.622		0.660	0.696		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR April 2008

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
04/01/2008	6.776	1545	6.705	6.447	2230	46
04/02/2008	7.200	0800	6.850	6.570	1000	96
04/03/2008	6.729	0015	6.663	6.624	1330	96
04/04/2008	6.705	2015	6.678	6.658	0015	96
04/05/2008	6.696	0030	6.641	6.595	2145	96
04/06/2008	6.610	0445	6.584	6.557	1515	96
04/07/2008	6.629	0515	6.591	6.547	1145	96
04/08/2008	6.636	0600	6.598	6.552	1215	96
04/09/2008	6.626	0345	6.594	6.554	1245	96
04/10/2008	6.630	0100	6.579	6.550	2315	96
04/11/2008	6.555	0045	6.524	6.501	1130	96
04/12/2008	6.524	0015	6.481	6.441	2215	96
04/13/2008	6.449	0145	6.414	6.382	2315	96
04/14/2008	6.661	1330	6.482	6.269	1245	96
04/15/2008	6.689	2400	6.640	6.610	0845	96
04/16/2008	6.767	2315	6.707	6.668	1015	96
04/17/2008	6.813	2300	6.775	6.739	1130	96
04/18/2008	6.887	1830	6.850	6.789	1145	96
04/19/2008	6.867	0015	6.811	6.763	2400	96
04/20/2008	6.772	0845	6.712	6.688	1445	96
04/21/2008	6.712	1000	6.688	6.668	1315	96
04/22/2008	6.854	0900	6.737	6.702	0500	96
04/23/2008	6.973	0830	6.797	6.755	0345	96
04/24/2008	6.915	0800	6.831	6.811	0030	96
04/25/2008	7.040	0900	6.849	6.820	1100	96
04/26/2008	6.984	0815	6.862	6.837	1330	96
04/27/2008	6.904	0530	6.875	6.494	0600	24
04/28/2008	6.919	0345	6.792	6.666	1700	82
04/29/2008	6.714	0345	6.681	6.600	2115	96
04/30/2008	6.759	0800	6.670	6.629	2345	96
AVERAGE	6.767		6.689	6.616		
STD DEV.:	0.165		0.125	0.134		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR April 2008

STATION: N10

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
04/10/2008	6.165	1945	5.792	5.055	0915	61
04/11/2008	5.916	0015	5.517	5.046	2400	96
04/12/2008	5.291	1930	4.975	4.651	0815	96
04/13/2008	5.130	1800	4.873	4.631	0700	96
04/14/2008	5.237	1545	4.948	4.726	0730	96
04/15/2008	5.702	1845	5.073	4.470	0700	96
04/16/2008	6.703	1930	5.937	5.266	0615	96
04/17/2008	7.680	2045	6.893	6.209	0630	93
04/18/2008	8.610	2015	7.808	7.140	0715	96
04/19/2008	9.300	1915	8.527	7.850	0715	96
04/20/2008	9.480	1815	8.816	8.160	0715	96
04/21/2008	9.770	1830	9.062	8.440	0800	96
04/22/2008	10.170	2000	9.475	8.840	0730	96
04/23/2008	10.910	2100	10.125	9.480	0715	96
04/24/2008	11.390	1830	10.731	10.130	0715	96
04/25/2008	11.590	2030	10.834	10.110	0745	96
04/26/2008	11.370	1930	10.923	10.380	0815	96
04/27/2008	11.250	0015	10.558	10.290	1715	96
04/28/2008	10.430	0015	10.004	9.590	2400	96
04/29/2008	9.590	0015	9.223	8.670	2400	96
04/30/2008	8.650	0015	8.182	7.730	2400	96
AVERAGE	8.587		8.013	7.470		
STD DEV.:	2.307		2.216	2.177		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR April 2008

STATION: S4

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
04/10/2008	7.120	2000	6.804	6.349	1145	58
04/11/2008	6.902	0015	6.380	5.972	2345	96
04/12/2008	6.141	1800	5.845	5.508	0815	96
04/13/2008	5.834	0015	5.498	5.218	0845	96
04/14/2008	5.794	1515	5.457	5.075	0700	96
04/15/2008	6.556	1915	5.816	5.159	0630	96
04/16/2008	7.690	2045	6.815	6.092	0630	96
04/17/2008	8.820	2100	7.885	7.140	0645	96
04/18/2008	9.820	2030	8.915	8.250	0645	96
04/19/2008	10.220	1945	9.571	8.920	0600	96
04/20/2008	10.320	1745	9.717	9.070	0600	96
04/21/2008	10.610	2030	9.935	9.360	0630	96
04/22/2008	11.170	2215	10.401	9.750	0645	96
04/23/2008	12.040	2100	11.298	10.630	0545	96
04/24/2008	12.440	1845	11.929	11.430	0600	96
04/25/2008	12.580	1500	12.096	11.470	0645	96
04/26/2008	11.940	0015	11.370	10.920	0615	96
04/27/2008	11.440	0015	10.851	10.560	1900	96
04/28/2008	10.600	0015	10.255	9.880	2145	96
04/29/2008	9.940	0015	9.652	9.330	2400	96
04/30/2008	9.470	1415	9.191	8.810	2345	96
AVERAGE	9.402		8.842	8.328		
STD DEV.:	2.281		2.239	2.217		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR May 2008

STATION: Zero

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
05/01/2008	9.32	1015	8.81	8.27	0100	96
05/02/2008	9.46	1445	8.93	8.68	0845	96
05/03/2008	9.42	0630	8.88	8.59	2345	96
05/04/2008	9.21	2130	8.71	8.40	2400	96
05/05/2008	9.34	1430	8.60	8.07	0745	96
05/06/2008	9.34	1645	8.45	8.18	0945	96
05/07/2008	8.73	1300	8.09	7.80	2345	96
05/08/2008	8.50	1815	7.95	7.52	1045	96
05/09/2008	8.18	0030	7.39	6.88	0700	96
05/10/2008	8.13	0845	7.60	6.80	2315	96
05/11/2008	7.19	0645	6.88	6.76	1200	96
05/12/2008	8.61	1215	7.64	6.81	0200	96
05/13/2008	8.72	0800	7.86	7.16	0315	96
05/14/2008	8.62	1600	7.92	7.10	0445	96
05/15/2008	8.30	0030	8.12	7.98	0345	16
05/16/2008	8.54	2030	8.02	7.38	2400	46
05/17/2008	8.20	0615	7.79	7.01	2200	96
05/18/2008	7.60	0015	7.10	6.61	1115	96
05/19/2008	8.71	1600	7.82	6.73	0330	96
05/20/2008	8.41	1500	7.86	7.28	2400	96
05/21/2008	8.96	1330	8.16	7.17	0245	96
05/22/2008	8.58	1000	8.13	7.58	2400	96
05/23/2008	8.86	0915	7.76	6.85	2230	96
05/24/2008	8.42	0830	8.10	7.23	0045	96
05/25/2008	8.92	1415	8.15	7.60	0515	96
05/26/2008	8.22	0830	7.76	7.36	2245	96
05/27/2008	7.92	1230	7.59	7.37	0145	96
05/28/2008	8.03	0845	7.77	7.33	1930	96
05/29/2008	7.74	0630	7.38	6.94	2345	96
05/30/2008	7.90	0815	7.30	6.42	2345	96
05/31/2008	6.75	1415	6.47	6.01	2115	96
AVERAGE	8.478		7.903	7.350		
STD DEV.:	0.648		0.565	0.650		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM
MONTHLY SUMMARY REPORT FOR May 2008

STATION: Zero

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
05/01/2008	6.833	0030	6.673	6.505	2400	96
05/02/2008	6.497	0015	6.443	6.409	2345	96
05/03/2008	6.521	2400	6.459	6.401	0145	96
05/04/2008	6.737	1700	6.608	6.483	0045	96
05/05/2008	7.020	1545	6.789	6.502	0745	96
05/06/2008	6.950	1130	6.835	6.693	2400	96
05/07/2008	6.818	1430	6.740	6.621	0930	96
05/08/2008	6.919	1345	6.749	6.587	2130	96
05/09/2008	6.983	0445	6.772	6.614	1930	96
05/10/2008	6.994	1400	6.873	6.699	0030	96
05/11/2008	7.030	1615	6.927	6.827	0100	96
05/12/2008	6.941	0030	6.849	6.734	1200	96
05/13/2008	6.899	1645	6.798	6.655	0800	96
05/14/2008	6.878	1515	6.825	6.774	0245	96
05/15/2008	6.839	1745	6.788	6.735	0945	96
05/16/2008	6.884	1130	6.782	6.748	0430	96
05/17/2008	6.996	1700	6.868	6.779	0445	96
05/18/2008	6.967	1530	6.902	6.838	0730	96
05/19/2008	7.020	1700	6.930	6.845	0630	96
05/20/2008	7.030	1600	6.940	6.871	0700	96
05/21/2008	6.914	1445	6.863	6.802	0900	96
05/22/2008	6.898	1230	6.823	6.765	2400	96
05/23/2008	7.060	1730	6.919	6.763	0315	96
05/24/2008	7.190	1045	7.070	6.951	2400	96
05/25/2008	7.070	1845	6.995	6.919	0545	96
05/26/2008	7.190	0930	7.118	7.020	0045	96
05/27/2008	7.190	1215	6.989	6.734	2130	96
05/28/2008	7.140	1430	6.961	6.745	0745	96
05/29/2008	7.200	0945	7.125	7.080	0200	96
05/30/2008	7.290	2330	6.934	6.627	0800	96
05/31/2008	7.280	0015	7.138	6.954	2130	96
AVERAGE	6.973		6.854	6.732		
STD DEV.:	0.185		0.165	0.168		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR May 2008

STATION: Zero

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
05/01/2008	17.310	1515	16.594	15.860	0500	96
05/02/2008	16.500	2345	16.273	16.010	0545	96
05/03/2008	16.500	0015	16.409	16.270	0630	96
05/04/2008	17.320	1600	16.840	16.430	0430	96
05/05/2008	20.280	1545	18.377	16.830	0430	96
05/06/2008	21.590	1515	19.654	18.210	0430	96
05/07/2008	22.500	1615	20.946	19.470	0330	96
05/08/2008	23.490	1530	22.106	21.130	0345	96
05/09/2008	23.630	1230	22.481	21.170	0445	96
05/10/2008	22.840	1630	22.238	21.660	2400	96
05/11/2008	24.710	1445	22.846	21.610	0100	96
05/12/2008	23.480	1545	22.857	22.360	0600	96
05/13/2008	23.790	1630	22.922	21.880	0815	96
05/14/2008	25.450	1515	23.980	22.770	0615	96
05/15/2008	24.160	1630	23.897	23.680	0215	96
05/16/2008	25.000	1515	24.146	23.400	0600	96
05/17/2008	25.920	1615	24.759	23.730	0415	96
05/18/2008	26.370	1400	25.439	24.760	0600	96
05/19/2008	25.050	1345	24.639	23.670	2400	96
05/20/2008	25.910	1600	24.764	23.460	0445	96
05/21/2008	25.110	0015	22.457	15.240	0930	92
05/22/2008	24.260	1300	21.741	19.970	2400	96
05/23/2008	31.680	2400	24.730	19.630	0315	96
05/24/2008	31.760	0045	26.663	24.390	0815	96
05/25/2008	28.690	1645	27.087	26.050	2400	96
05/26/2008	28.560	1600	27.362	26.010	0015	96
05/27/2008	30.100	1630	28.621	27.540	0700	96
05/28/2008	29.080	1745	27.936	26.900	0645	96
05/29/2008	29.060	1730	27.949	26.810	0600	96
05/30/2008	31.070	1630	29.600	27.730	0345	96
05/31/2008	30.800	2115	29.686	28.520	0545	96
AVERAGE	24.902		23.419	22.037		
STD DEV.:	4.345		3.836	3.892		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR May 2008

STATION: N5

PARAMETER: Dissolved Oxygen (MG/L)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
05/01/2008	10.80	0745	10.32	9.86	1315	96
05/02/2008	10.91	0600	10.44	10.11	1445	96
05/03/2008	10.83	2030	10.22	9.71	0230	96
05/04/2008	10.51	0315	9.74	9.08	1745	96
05/05/2008	10.73	1715	9.46	8.83	1045	83
05/06/2008	10.55	1500	9.50	8.87	1230	96
05/07/2008	9.57	1645	8.93	8.46	2045	96
05/08/2008	9.04	1715	8.24	7.73	2230	96
05/09/2008	8.85	1500	8.12	7.65	0015	96
05/10/2008	8.63	0330	7.93	7.46	0915	96
05/11/2008	9.48	0845	8.19	7.70	0515	96
05/12/2008	9.13	1700	8.17	7.82	1215	96
05/13/2008	8.89	0745	8.19	7.36	1545	96
05/14/2008	8.93	1845	8.33	7.26	2400	96
05/15/2008	8.14	1715	7.43	7.07	2100	96
05/16/2008	8.47	1915	7.83	7.37	2100	96
05/17/2008	8.50	1115	7.85	7.11	1515	76
05/18/2008	9.20	1945	7.97	6.11	1730	96
05/19/2008	8.60	1800	7.73	7.06	2145	96
05/20/2008	8.24	1500	7.75	6.87	2130	96
05/21/2008	9.86	1200	8.81	7.04	0130	96
05/22/2008	9.50	0115	9.26	9.01	1915	96
05/23/2008	9.96	1500	9.37	9.02	1315	96
05/24/2008	10.20	1430	9.87	9.59	0930	96
05/25/2008	10.18	2015	9.91	9.60	0915	96
05/26/2008	10.07	1215	9.41	8.64	2245	96
05/27/2008	9.45	1245	8.51	7.94	2300	96
05/28/2008	9.74	1715	8.76	7.65	0715	96
05/29/2008	9.75	1600	9.39	8.94	0700	96
05/30/2008	9.95	1830	9.50	8.99	0715	96
05/31/2008	9.61	1715	9.30	8.88	0730	96
AVERAGE	9.557		8.853	8.219		
STD DEV.:	0.808		0.871	1.045		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR May 2008

STATION: N5

PARAMETER: PH

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
05/01/2008	6.770	0830	6.469	6.303	1700	96
05/02/2008	6.428	2400	6.375	6.317	0015	96
05/03/2008	6.570	2345	6.498	6.428	0015	96
05/04/2008	6.661	2345	6.628	6.571	0015	96
05/05/2008	6.910	0830	6.705	6.660	0015	83
05/06/2008	6.923	0700	6.715	6.520	0830	96
05/07/2008	6.970	0900	6.738	6.702	0015	96
05/08/2008	6.867	1030	6.733	6.702	2400	96
05/09/2008	6.789	1015	6.720	6.703	0600	96
05/10/2008	6.832	0815	6.727	6.695	2315	96
05/11/2008	6.900	0830	6.719	6.690	0130	96
05/12/2008	6.950	0745	6.735	6.684	1230	96
05/13/2008	6.919	0745	6.781	6.744	2345	96
05/14/2008	6.880	0745	6.757	6.711	2300	96
05/15/2008	6.755	1345	6.729	6.709	2400	96
05/16/2008	6.793	0945	6.732	6.703	0245	96
05/17/2008	7.010	1045	6.716	6.528	0900	76
05/18/2008	7.040	0715	6.736	6.661	0030	96
05/19/2008	6.885	0715	6.797	6.746	0045	96
05/20/2008	6.965	0730	6.785	6.742	2315	96
05/21/2008	7.180	0730	6.866	6.732	0415	96
05/22/2008	7.270	1200	6.911	6.836	2015	96
05/23/2008	7.080	0715	6.924	6.839	0130	96
05/24/2008	7.000	1730	6.945	6.894	0015	96
05/25/2008	6.979	1015	6.941	6.903	2330	96
05/26/2008	7.220	1930	6.932	6.801	1545	96
05/27/2008	7.110	0500	6.880	6.646	1045	96
05/28/2008	6.948	1915	6.863	6.777	0600	96
05/29/2008	6.984	1830	6.866	6.766	0700	96
05/30/2008	7.010	1915	6.889	6.757	0645	96
05/31/2008	6.900	0015	6.830	6.777	2400	96
AVERAGE	6.919		6.763	6.685		
STD DEV.:	0.175		0.136	0.143		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR May 2008

STATION: N10

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
05/01/2008	7.800	1700	7.501	7.090	0900	96
05/02/2008	7.600	0015	7.268	7.150	0915	96
05/03/2008	7.330	1545	7.255	7.210	0015	96
05/04/2008	7.570	1945	7.312	7.130	0645	96
05/05/2008	8.670	2130	7.854	7.200	0945	96
05/06/2008	9.410	2230	8.801	8.230	0700	96
05/07/2008	10.530	2400	9.673	9.100	0630	96
05/08/2008	11.370	2330	10.822	9.790	1245	96
05/09/2008	11.370	0015	11.119	10.950	0745	96
05/10/2008	11.600	2145	11.183	10.870	0700	96
05/11/2008	12.420	1645	11.863	11.290	0715	96
05/12/2008	14.000	1445	12.942	11.770	0630	96
05/13/2008	14.770	1830	13.524	12.000	1300	96
05/14/2008	15.150	1745	14.508	13.680	0715	96
05/15/2008	14.980	0015	14.689	14.240	1115	91
05/16/2008	14.860	0015	14.381	13.200	1015	93
05/17/2008	15.330	2400	14.829	14.340	0800	96
05/18/2008	16.080	1300	15.722	15.350	0015	96
05/19/2008	15.620	0015	15.247	14.600	2400	96
05/20/2008	15.180	1800	14.816	14.420	0630	96
05/21/2008	15.670	1630	15.233	14.800	0015	96
05/22/2008	15.490	1615	15.194	14.900	2400	96
05/23/2008	15.690	1500	15.105	14.480	0545	96
05/24/2008	15.890	1515	15.455	14.970	0500	96
05/25/2008	16.620	1615	15.868	15.030	0515	96
05/26/2008	18.150	1700	16.916	15.640	0500	96
05/27/2008	19.450	1645	18.276	17.130	0515	96
05/28/2008	18.730	1630	18.135	17.470	0715	96
05/29/2008	18.610	1700	17.777	16.770	0715	96
05/30/2008	19.460	1830	18.312	17.250	0645	96
05/31/2008	19.550	2145	18.862	18.250	0845	96
AVERAGE	14.031		13.434	12.784		
STD DEV.:	3.795		3.654	3.496		

PUBLIC SERVICE OF NEW HAMPSHIRE
MERRIMACK GENERATING STATION
ENVIRONMENTAL MONITORING PROGRAM

MONTHLY SUMMARY REPORT FOR May 2008

STATION: S4

PARAMETER: Temperature (Deg. C)

DAY	MAXIMUM (PARAM)	TIME	DAILY AVERAGE	MINIMUM (PARAM)	TIME	#of INT.
05/01/2008	8.920	1800	8.613	8.340	0630	96
05/02/2008	8.630	0030	8.456	8.290	0700	96
05/03/2008	8.740	1815	8.612	8.480	0015	96
05/04/2008	9.350	1745	8.942	8.600	0215	96
05/05/2008	10.870	1715	9.973	9.090	0200	96
05/06/2008	12.140	2345	11.246	10.440	0545	96
05/07/2008	13.080	2315	12.404	11.670	0430	96
05/08/2008	14.380	2300	13.653	13.040	0015	96
05/09/2008	14.530	1500	14.341	14.000	0515	96
05/10/2008	14.950	1645	14.540	14.160	0500	96
05/11/2008	15.670	1315	15.039	14.300	0545	96
05/12/2008	15.960	1400	15.248	14.810	0600	96
05/13/2008	15.680	1430	15.108	14.290	0500	96
05/14/2008	16.340	1545	15.642	14.800	0530	96
05/15/2008	15.970	0030	15.733	15.400	0645	96
05/16/2008	16.590	1445	15.978	15.320	0700	96
05/17/2008	17.290	1430	16.792	16.350	0715	96
05/18/2008	18.220	1130	17.615	17.120	0015	96
05/19/2008	17.590	1230	17.043	16.070	2400	96
05/20/2008	17.660	1300	16.858	16.030	0215	96
05/21/2008	18.170	1515	17.473	16.580	0330	96
05/22/2008	19.840	1245	17.339	16.760	2345	96
05/23/2008	18.070	1600	17.181	16.400	0445	96
05/24/2008	19.900	2045	17.853	16.690	0445	96
05/25/2008	22.440	1845	19.056	17.210	0145	96
05/26/2008	22.930	2400	21.138	18.800	0145	96
05/27/2008	23.460	1945	21.943	19.640	1015	96
05/28/2008	21.410	1815	20.248	18.890	0815	96
05/29/2008	21.310	1745	19.712	18.410	0745	96
05/30/2008	20.600	2130	19.487	18.580	0945	96
05/31/2008	20.780	2400	20.192	19.730	1045	96
AVERAGE	16.499		15.595	14.784		
STD DEV.:	4.272		3.838	3.497		