



**Public Service
of New Hampshire**

AR-047

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The Northeast Utilities System

September 14, 2010

D29458

U.S. Environmental Protection Agency
Water Technical Unit (SMR-04)
OES4 – SMR
5 Post Office Square - Suite 100
Boston, MA 02109-3912

Reference: NPDES Permit No. NH0001473, Schiller Station, Public Service Company of New Hampshire, issued September 11, 1990, modified May 31, 1991, modified January 24, 1995.

Dear Sir/Madam:

Schiller Station
Monthly NPDES Discharge Monitoring Report
August 2010

In compliance with Part I, Section C.1., of the NPDES permit (see Reference 1.), Public Service Company of New Hampshire (PSNH) herein submits the monthly NPDES report for Schiller Station for the month of August. With one exception, all sampling and analyses were conducted by station personnel in accordance with EPA approved procedures referenced at 40 CFR Part 136 and set forth in Standard Methods for Examination of Water and Wastewater, APHA, 20th Edition, 1998 (and updates subsequently approved in Standard Methods Online Versions, 1999, 2000). ChemServe Environmental Analysts of Milford, NH, performed all oil and grease analyses required in this report per EPA Method 1664A, EPA-821-R-98-002, February 1999. There were no oily sheens, floating solids or foam observed in any of the outfall discharges in other than trace amounts. There were no permit noncompliances recorded during the month.

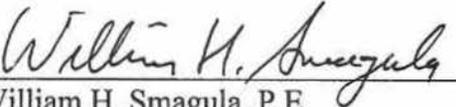
Outfall 013 was activated on August 25 from 14:00 to 20:45 to overflow runoff resulting from a heavy rainfall that fell in the coal yard when the inventory was low. A total of approximately 4,800 gallons of runoff were discharged over the 6.75 hours. During the event, the pH of the rainfall and the discharge were measured at 5.2 SU and 5.9 SU, respectively. The overflow is not considered a violation as there are no assigned limits for this emergency outfall. The permit requires the monitoring and reporting of each overflow to ensure that the discharges are neither too frequent nor extreme.

As instructed by the agencies, PSNH now reports a concentration of zero ("0") when the analytical result is less than the method detection limit (MDL). For this report, PSNH used the following MDL: Oil & Grease = 5.0 mg/l (EPA 1664A). Also, as instructed by EPA Region 1, the "no data indicator code" (NODI) "9" is entered on the ferrous sulfate line of the DMRs for outfalls 002, 003 and 004 as the chemical is no longer used.

This report is required by, and prepared specifically for, the U.S. Environmental Protection Agency (EPA). It presents truly, accurately and completely, the observed measurements and analyses required by the EPA to be performed or submitted, but only such observed results. It is not intended as an assertion of the accuracy of any instrument, reading, or analytical result, nor is it an endorsement of the suitability of any analytical or measurement procedure.

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

Very truly yours,



William H. Smagula, P.E.
Director - Generation

Enclosures

cc: N.H. Department of Environmental Services
Water Division
Wastewater Engineering Bureau
Permits and Compliance Section
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