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Public Service
of New Hampshire

PSNH Energy Park
780 North Commercial Street, Manchester, NH 03101

Public Service Company of New Hampshire
P.O. Box 330
Manchester, NH 03105-0330
(603) 669-4000
www.psnh.com

The Northeast Utilities System

May 15, 2007

D25993

Water Technical Unit (SEW)
U.S. Environmental Protection Agency
Office of Environmental Stewardship (OES)
P.O. Box 8127
Boston, MA 02114

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
April 2007

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 April. All sampling and analyses were conducted by station personnel in accordance with EPA approved procedures set forth in Standard Methods for the Examination of Water and Wastewater, APHA, 18th Edition 1992, Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, March 1979, and the Hach Handbook of Water Analysis, 1979. 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 at 06:00 on April 16 due to heavy rainstorms. The rainfall pH was measured at 5.1 SU and the overflow coal pile runoff was measured at 7.3 SU. The overflow continued until 16:00 on April 17. The rainfall pH on the second day was again measured at 5.1 SU but the pH of the overflow had dropped to 6.6 SU. The total discharge time was 34 hours and approximately 70,200 gallons were discharged over the two days. 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 overflow pH to ensure that the discharges are neither too frequent or extreme. The effluent pH was above the traditional minimum permit limit of 6.5 SU on both days. The last discharge from Outfall 013 was during the heavy rainstorms of last June.

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. Also, the "no data indicator code" (NODI) "C", for no discharge, 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
29 Hazen Drive, PO Box 95
Concord, NH 03302-0095