



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

AR-112

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bc
8/3

July 22, 1992

Nelson Goodwin, Station Chemical Supervisor
PSNH - Schiller Station
Gosling Rd.
Portsmouth, NH 03801

Subject: National Pollutant Discharge Elimination System (NPDES) Compliance
Inspection; PSNH - Schiller Station; NPDES Permit #NH0001473

Dear Mr. Goodwin:

Representatives from the Department of Environmental Services (NHDES) performed a Compliance Evaluation Inspection at Schiller Station on May 18, 1992. The following is a report of that inspection, a copy of which will be forwarded to the Environmental Protection Agency with EPA form 3560-3.

Individuals present during the inspection were:

Allan Palmer - Sr. Engineer, PSNH.
Nelson Goodwin - Station Chemical Supervisor, PSNH.
David Corliss - Working Foreman Chemical, PSNH.
Carroll Brown - Environmental Inspector, NHDES.
Stephanie Larson - Environmental Inspector, NHDES.

The inspection consisted of a tour of the wastewater treatment plant and a visual inspection of all NPDES outfalls. Laboratory procedures, analytical methods, and records relative to the NPDES permit were reviewed.

Following are deficiencies that were discussed at the inspection, including comments and recommendations:

A. Records

1. Currently, the time (or day, where applicable) of analysis is not written down for pH(R) and pH for outfall 011. This information must be documented for all parameters to confirm that the holding times allowed under 40 CFR 136 are not exceeded.

2. The monitoring records required by Part II, Sec. C.1.c of your permit were incomplete. The following information must be clarified or added to the benchsheets or log books for outfall 011:

pH(R) - sample location, sample time, sampler and analyst,
analysis date.
pH - sample location, analyst.

B. Reports

1. Discharge Monitoring Reports (DMRs) have not always been submitted on time in the past. DMRs must be postmarked by the 15th day of the month following the completed monitoring period.

C. Laboratory

1. The temperature of the effluent composite refrigerator was 8°C. Facility personnel must ensure that samples are kept at 4°C as required under 40 CFR 136. This may require checking the temperature of the samples during and after the compositing period.
2. Quality control tests (duplicates, standards, blanks, and spikes) are performed with the exception of the following:

TSS - laboratory water blank
pH - duplicate of one grab sample

If this has not already been corrected, these tests should be implemented immediately.

D. Comments

A summary of violations for 1991 is included as Attachment #1. The violations listed are minor and facility personnel should be commended for their commitment to water quality.

A "follow-up" inspection is tentatively scheduled for September 1992. We will be contacting you in the near future to schedule this visit.

Should you have any questions regarding this inspection or any NPDES related issues please contact me at the Water Supply and Pollution Control Division address shown on the first page, or (603) 271-2457.

Sincerely,



Stephanie Larson, Inspector
WQ/Permits and Compliance Bureau

cc: John R. Healey, PE - EPA, Boston
Dennis Brown, Director of Production - PSNH, Manchester
Allan Palmer, PE, Sr. Engineer - PSNH, Manchester



NPDES Compliance Inspection Report

Section A: National Data System Coding

Transaction Code 1N 25	NPDES 3NH0000147311	yr/mo/day 1292051817	Inspection Type 1aC	Inspector 19S	Fac Type 2d2
Remarks					
Reserved 67	Facility Evaluation Rating* 7d4	BI 71N	QA 72N	Reserved 73 74 75 80	

Section B: Facility Data

Name and Location of Facility Inspected PSNH - Schiller Station Gosling Rd. Portsmouth, NH 03801		Entry Time <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM 9:10	Permit Effective Date 10-12-90
Name(s) of On-Site Representative(s) Allan Palmer Nelson Goodwin David Corliss		Title(s) Sr. Engineer Station Chemical Supervisor Working Foreman Chemical	Permit Expiration Date 10-12-95
Name, Address of Responsible Official Dennis Brown PO Box 330 Manchester, NH 03801		Title Director, Production Division	Phone No(s) (603) 634-2439
		Phone No.	Contacted <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

S	Permit	N	Flow Measurement	N	Pretreatment	N	Operations & Maintenance
M/M	Records/Reports	S	Laboratory	N	Compliance Schedules	N	Sludge Disposal
M	Facility Site Review	S/N	Effluent/Receiving Waters	S	Self-Monitoring Program		Other:

Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

See attached report.

* The FACILITY EVALUATION RATING reflects only the Self-Monitoring Program, and not the overall facility performance.

Name(s) and Signature(s) of Inspector(s) <i>Stephanie Larson</i> Stephanie Larson	Agency/Office/Telephone NHDES/WSPCD 603-271-2457	Date 7/21/92
Carroll Brown	NHDES/WSPCD	
Signature of Reviewer <i>George Berube</i>	Agency/Office NHDES/WSPCD	Date
Regulatory Office Use Only		
Action Taken	Date	Compliance Status <input type="checkbox"/> Noncompliance <input type="checkbox"/> Compliance

attachment # 1

Summary of Violations

Facility: PSNH Schiller Station 01/91-12/91

<u>outfall</u>	<u>parameter</u>	<u>limit</u>	<u>reported</u>	<u>date</u>
006	flow duration, hrs	report	NR	11/91
015	oil and grease, mg/L	15(20)*	NR	11/91

* - indicates monthly avg. with daily max. in parentheses

NR - not reported

Late DMRs were received for the months of July, August, September, October, and November 1991.

