



Public Service
Company of Colorado
P.O. Box 840
Denver, CO 80201-0840

May 2, 1996

Ms. Kathleen Sullivan
Industrial Enforcement Engineer
Permits and Enforcement Section
Water Quality Control Division
Colorado Department of Health
4300 Cherry Creek Drive South
Denver, CO 80222-1530

RE: Public Service Company of Colorado - Fort St. Vrain CDPS Permit
Number CO-0001121

Dear Kathleen:

Attached please find the noncompliance report for Public Service Company of Colorado Fort St. Vrain's outfall 007. The noncompliance report details the discharges from the Sewage Treatment System for April 1996 with BOD₅ concentrations in excess of the permitted 30-day average and 7-day average.

If you have any questions concerning this report, please contact me at 294-2440.

Sincerely,

Eldon Lindt,
Sr. Environmental Analyst

Attachment

cc: U.S. EPA Region VIII
Alan Albrandt - PSC
Mark Fox - PSC
Marty Block - FSV
Ted Borst - FSV
Sam Chestnut - FSV
Jesse Brungardt - FSV
Dave Fetterolf - FSV

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PDR ADOCK 05000267
S PDR

NPDES DISCHARGE PERMIT NONCOMPLIANCE REPORTING FORM

Date: 05/02/96

Applicable Permit No.: CO-0001121

Discharge No.: 007

I. GENERAL

Company: Public Service Company of Colorado

Mailing Address: P.O. Box 840 Denver, CO 80201

Plant Name: Fort St. Vrain Station

Plant Location: Near Platteville, Colorado

County: Weld

II. NONCOMPLIANCE REPORT

A. Description and Cause of Noncompliance: The 30-day average and 7-day average for BOD₅ results for April 1996 samples for outfall 007 exceeded the permit limits of 30 mg/l and 45 mg/l, respectively. Sample dates for April 1996 were 4/2, 4/9, 4/16, 4/23 and 4/24. Sample results of 39.4 mg/l and 45 mg/l for 4/2/96 and 4/9/96 samples were disregarded due to questions with the validity of the test results. Test results for duplicate samples on 4/16/96 were 48 mg/l and 60 mg/l. The test result for the 4/23/96 sample before chlorination treatment was 38 mg/l, the sample result for a 4/24/96 sample following chlorination was <5 mg/l. The average BOD₅ result for the 4/16/96, 4/23/96, and 4/24/96 samples was 37.8 mg/l. The 7-day average for the 4/16/96 and 4/23/96 samples was 48.7 mg/l.

B. Noncompliance Period:

Started:	<u>0700</u>	<u>A.M.</u>	<u>P.M.</u>	<u>04/16/96</u>	<u>Date</u>
Ended:	<u>0700</u>	<u>A.M.</u>	<u>P.M.</u>	<u>04/24/96</u>	<u>Date</u>

C. Action Taken to Reduce, Eliminate, Prevent: The cause of the increased BOD₅ results is unknown. PSC's Applied Sciences is reviewing the BOD₅ procedure to determine possible problems with the analyses of the 4/2/96 and 4/9/96 samples. FSV used chlorination on 04/23/96 to lower the BOD₅ concentration to within permit limits. The chlorine treatment was determined successful due to the test results for the 4/24/96 sample. FSV plans to use increased aeration to help prevent future noncompliance with the BOD₅ permit limits.

D. Person Initiating Written Report: Eldon Lindt

Signature: *Eldon Lindt*

E. Water Quality Control Division Notification Requirements:

Telephone (24 hrs.):	<u>05/01/96 Date</u>	<u>Ms. Kathleen Sullivan</u>	<u>Notified 10:15 a.m.</u>
Written (5 days):	<u>05/02/96 Date</u>		<u>Notified</u>

SUBMIT REPORT TO:

Ms. Kathleen Sullivan
Colorado Department of Public Health and Environment
Water Quality Control Division
Monitoring & Enforcement Section
4300 Cherry Creek Drive South
Denver, CO 80222-1530

Regional Administrator
U.S. EPA
One Denver Place, Suite 500
999 18th Street 8WM-C
Denver, CO 80202-2405
Attn.: Enforcement - Permit Program

In the event of non-compliance for the FSV Station, a verbal report must be made to the Nuclear Regulatory Commission by the FSV shift supervisor (620-1790) within four hours after verbally notifying the Water Quality Control Division.

Verbal notification to FSV Control Room on 5/5/02/96 at 10:30 a.m.