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**NON-COMPLIANCE NPDES PERMIT NO.
OH0009580 REPORT NOS. 89-06 THROUGH 89-08**

04/21/89

**DOE-958-89
DOE-FMPC/OEPA
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LETTER**



Department of Energy

FMPC Site Office
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6319

April 21, 1989
DOE-958-89

Mr. Thomas A. Winston, District Chief
Ohio Environmental Protection Agency
40 S. Main Street
Dayton, Ohio 45402

Dear Mr. Winston:

NON-COMPLIANCE NPDES PERMIT NO. OH0009580 REPORT NOS. 89-06 THROUGH 89-08

The following table summarizes the March 1989 non-compliances with the effluent limits specified in the FMPC NPDES permit (No. OH0009580). This table lists the outfall, the date of the non-compliance, the parameter, the permit limit, and the measured effluent concentration.

Outfall (Names and Number): Sanitary Treatment - 001A

<u>Report No.</u>	<u>Date</u>	<u>Parameter</u>	<u>Permit Limit</u>	<u>Actual Measurement</u>
89-06	March 22, 1989	TSS (Max)	10 Kg/day	13.6 Kg/day
89-07	March, 1989	TSS (Avg)	5 Kg/day	6.1 Kg/day

Outfall (Name and Number): Stormwater Retention Basin - Outfall 002

<u>Report No.</u>	<u>Date</u>	<u>Parameter</u>	<u>Permit Limit</u>	<u>Actual Measurement</u>
89-08	March, 1989	TSS (Avg)	30 mg/l	50 mg/l

The flow at Outfall 001A (Sanitary Treatment Plant) was above average for the month of March 1989. Several heavy rains occurred in the Fernald area during the month. As a result, on March 22, 1989 immediately following one of these rainfall events, the flow at Outfall 001A was unusually high. The solids loading exceeded the daily maximum discharge limitation on this date, and was elevated on several other occasions. This resulted in the monthly average solids loading exceeding the discharge limitation. The TSS non-compliances at Outfall 001A can be attributed to stormwater inflow/infiltration (I/I) into the FMPC sanitary sewer system.

As a result of the aforementioned heavy rains, the Stormwater Retention Basin (Outfall 002) overflowed on March 31, 1989. The Total Suspended Solids (TSS) concentration did not exceed the daily maximum discharge limitation; however, it was greater than the daily average discharge limitation. Since there was only the one overflow event at Outfall 002 during March 1989, the TSS non-compliance was inherent.

Sincerely,


James A. Reafsnyder
FMPC Site Manager

DP-84:Stone

cc: L. Sparks, SE-31, ORO
M. G. Burt, OEPA-Dayton
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