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**STORMWATER DISCHARGES FROM THE
STORMWATER AND CLEARWELL RETENTION
BASIN AT THE FEED MATERIALS PRODUCTION
CENTER (FMPC)**

04/19/89

DOE-899-89

DOE-FMPC/OEPA

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LETTER

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

April 19, 1989
DOE-899-89

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

Dear Mr. Winston:

STORMWATER DISCHARGES FROM THE STORMWATER AND CLEARWELL RETENTION BASIN AT THE FEED MATERIALS PRODUCTION CENTER (FMPC)

Reference: Telecon between Jack Craig, DOE/FMPC and Martyn Burt, OEPA/SWDO, March 31, 1989.

This letter provides written follow-up to the referenced phone conversation between Jack Craig of my staff and Martyn Burt, OEPA/SWDO, in which information concerning stormwater runoff discharges from the Stormwater Retention Basin (SWRB) and the Clearwell was transmitted to OEPA for informational purposes. The SWRB and Clearwell are covered by NPDES Permit No. OH0009580, respectively, Outfalls 002 and 001C. Detailed volume and quality data for the discharges addressed in this correspondence will be provided in the Discharge Monitoring Report for these outfalls for the months of March and April, 1989.

Due to heavy rains, on March 31, 1989, and again on April 4, 1989, the SWRB overflowed into the Storm Sewer Outfall Ditch and then to Paddy's Run. The total flow from the SWRB for the earlier discharge was 0.016 million gallons having approximately 50 mg/l TSS and 0.61 mg/l total U. The total flow for the latter was 0.582 million gallons having approximately 78 mg/l TSS and 0.45 mg/l total U.

Also due to heavy rains occurring at the FMPC during the period March 28-31, 1989, and again on April 2, 1989, the Clearwell filled to capacity with waste pit area runoff. Since the Bionitrification Surge Lagoon was not in service and the temporary tanks had already been filled with earlier runoff, a decision was made to pump from the Clearwell to Manhole 175 and by gravity to the Great Miami River. This was done to prevent the Clearwell from overflowing into Paddy's Run. Pumping operations began on March 31, 1989, and continued until April 6, 1989. The total flow from the Clearwell was 1.412 million gallons.

The FMPC is committed to giving the OEPA immediate notification, in addition to that routinely provided by the monthly Discharge Monitoring Reports, of any SWRB overflows to Paddy's Run or pumping of the Clearwell to the Great Miami River.

If you have any questions, please contact Jack Craig of my staff at (513) 738-6159 or FTS 774-6159.

Sincerely,



James A. Reafsnyder
FMPC Site Manager

DP-84:Craig

- cc: M. G. Burt, OEPA-Dayton
- G. Mitchell, OEPA-Dayton
- M. B. Boswell, WMCO
- L. Pennington, WMCO
- L. C. Bogar, WMCO
- W. A. Weinreich, WMCO
- M. J. Galper, WMCO