



State of Ohio Environmental Protection Agency

**Northwest District Office**

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Ted Strickland, Governor  
Lee Fisher, Lieutenant Governor  
Chris Korleski, Director

Re: Richland County  
Richland County Board of Commissioners  
NPDES Permits

August 22, 2007

Richard Freeman  
1740 Fleming Falls Road  
Mansfield, Ohio 44903

Dear Mr. Freeman:

On August 8, 2007, inspections were conducted at several wastewater treatment plants (WWTP) which are owned by the Richland County Commissioners. You and Lynn Miller were present to answer questions and provide a tour of the different facilities. The facilities that were inspected included the Lust Subdivision, Harp Subdivision, Country Meadows Subdivision, Dayspring Care Facility, and the Eastview WWTP.

During the inspection at Lust Subdivision all components of the treatment system were in operation and functioning normally. A bypass valve for the sand filters was observed. Ms. Miller indicated that the filters are bypassed during the winter months. This practice is unacceptable and shall not be utilized. With proper operation of the treatment plant the filters should be used all year long. It was also observed that the discharge line from the polishing pond had been rotated and the tee on the end of the pipe used to keep the duckweed from flowing out of the pond was no longer vertical. The tee should be returned to the correct position. Flows at the treatment plant continue to exceed **10 times** the average daily design flow. Flow equalization facilities and sewer system upgrades will be required as part of the next NPDES permit renewal for this facility.

During the inspection at Harp Subdivision the treatment plant was not running. A power failure had occurred and no electric service was being delivered to the plant. Power had been restored and the treatment plant was operational by later in the afternoon. It was noted that the flow diverter in the communitor chamber had rusted and fallen off. The majority of the flow was going to the east treatment tank. This situation should be corrected so that the flow splits evenly between the two aeration tanks. A sand filter bypass was also observed at this treatment plant. The filters shall not be bypassed under any circumstance. A review of the monthly records for this plant revealed chronic violations of the effluent limits contained in the NPDES permit. Continued chronic violations may lead to enforcement action. Daily flows at this treatment plant have exceeded 1.2 MGD or **30 times** the average daily design flow. Flow equalization facilities and sewer system upgrades will be required as part of the next NPDES permit renewal for this facility.

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During the inspection at the Dayspring Care Facility the plant was in operation and functioning normally. No chlorine tablets were observed in the tablet feeder. Ms. Miller stated that she was out to the plants every day but had not been to Dayspring yet that day to check the tablets. A sufficient number of tablets should be added every day so that they do not run out overnight. A review of the operating reports showed few violations of the limits contained in the NPDES permit.

During the inspection at Country Meadows Subdivision all major treatment units were in operation and appeared to be functioning normally. No major concerns were noted. This plant at times receives excessive flows, however peak flows are short lived and usually last less than 24 hours.

The final inspection of the day was made at the Eastview WWTP. At the time of the inspection all treatment units of the plant were running and appeared to be operating normally. No major concerns were noted. The effluent discharge location was observed and a clear final effluent was being discharged.

Our office is aware of a preliminary study that was completed to evaluate the possibility of abandoning the treatment plants at Country Meadows and Lust with pump stations and force mains to the City of Shelby sanitary sewer system. You indicated that the total cost was estimated to be around \$900,000. As discussed above, upgrades to the sewers serving these plants as well as the installation of flow equalization facilities will be required in the next NPDES permit renewals. If it is the intention of the county to abandon these plants, this option would be included in the schedule of compliance. You also indicated that work is scheduled to be completed on the sewers serving the Harp treatment plant. It is apparent from the flow rates that severe problems exist with the sewer system in this area. Flow equalization will also be required at this treatment plant. Another option would be to abandon this plant with a connection to the City of Mansfield sanitary sewer which lies only a short distance from the treatment plant. Both options would be included in the schedule of compliance.

The monthly reports for all the facilities were reviewed for the time period of July 2006 through July 2007. A printout of the limit *violations* for the plants is attached for your review. Failure to meet the permit limits contained in the NPDES permit is a *violation* of the conditions contained in the permit. Continued non-compliance may lead to enforcement action.

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If you have any questions, please give me a call at 419-373-3070.

Sincerely,



Walter Ariss  
Environmental Specialist II  
Division of Surface Water

/csl

Enclosed

pc: NWDO-DSW-File for Eastview, Harp, Lust, Country Meadows, Dayspring  
Richland County Commissioners