



**Environmental
Protection Agency**

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Kerleski, Director

Re: Richland County
Richland County Board of
Commissioners
NPDES Permits

August 6, 2010

Richard Freeman
1740 Fleming Falls Road
Mansfield, Ohio 44903

Dear Mr. Freeman,

On July 21, 2010, inspections were conducted at several of the wastewater treatment plants (WWTP) owned and operated by the Richland County Commissioners. Lynn Miller was 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, and Dayspring Care Facility.

During the inspection at Lust Subdivision all components of the treatment system were in operation and functioning normally. The color of the aeration tanks was a weak brown. Ms. Miller indicated that sludge had been brought over from the Eastview plant in an attempt to seed the sludge at Lust. A clear effluent was being discharged from the clarifiers. The surface sand filters were in use and were fairly clear of any dried sludge. Flows at the treatment plant during the period from October 2009 through June 2010 continue to exceed **5 times** the average daily design flow. The compliance schedule included in the NPDES permit for the facility requires that a Permit to Install (PTI) for upgrades or abandonment was to have been submitted no later than August 1, 2010. As of the date of this letter our office has yet to receive the required application. **You are in violation** of the compliance schedule contained in the permit.

During the inspection at Country Meadows Subdivision, all components were in operation and functioning normally. A clear effluent was being discharged. The color of the aeration tanks was weak here as well, however the seeding with sludge from Eastview has been more successful at this plant. Flow rates at the plant have exceeded 11 times the design flow rate during the last nine months. Please be aware that the NPDES permit for Country Meadows contains a compliance schedule for plant upgrades or abandonment. The first milestone in the schedule was to submit a PTI application to our office no later than August 1, 2009. As of the date of this letter our office has not received the required PTI. **You are in violation** of the compliance schedule contained in the permit.

During the inspection at the Dayspring Care Facility, the plant was in operation and functioning. The sand filter beds were both clean. A clear effluent was being discharged to the receiving stream. It was observed that the check valve for the south sand filter dosing pump had been removed. This check valve should be replaced. This plant continues to perform well.

Mr. Richard Freeman
August 6, 2010
Page Two

During the inspection at Harp Subdivision, all major treatment components were in operation and functioning. The color of the aeration tanks was acceptable and the clarifiers were fairly clear. The sand filters were in use. A clear effluent was being discharged to the receiving stream. It was noted that the block wall between the northern two filter beds had failed and crumbled into the lower sand bed. Ms. Miller indicated that the wall would not be fixed since it is the County's intent to abandon the plant. While our office understands this position, we do recommend that some minor work be done on the corner of the wall to allow for the use of the upper middle sand bed. This fix would allow use of four of the six sand beds instead of just three. Flows at this treatment plant have exceeded 4 times the average daily design flow during the last nine months. The compliance schedule included in the NPDES permit for the facility requires that a PTI for upgrades or abandonment be submitted no later than August 1, 2010. As of the date of this letter our office has yet to receive the required application. **You are in violation** of the compliance schedule contained in the permit.

The discharge monitoring reports for all the facilities were reviewed for the period of October 2009 through June 2010. A printout of the limit **violations** for the plants is attached for your review. Failure to meet the limits contained in the NPDES permit is a **violation** of the conditions in the permit. Continued non-compliance may lead to enforcement action.

Our office has received correspondence from you indicating that the County will be applying for a USDA grant to help finance the required projects at the Country Meadows treatment plant. The intent is to have this project completed in time to meet the final milestone of the compliance schedule which is for the upgrades/abandonment to be operational by August 1, 2011. Our office has also had conversations with County personnel regarding the projects at Lust and Harp. We have been told the PTI submission for the projects would be happening in the near future. Please provide our office with an expected date for these submittals.

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

Sincerely,



Walter Ariss
Environmental Specialist II
Division of Surface Water

/lb

Enclosure

pc: ENWDO-DSW File for Harp, Lust, Country Meadows, Dayspring w/enclosure
Richland County Commissioners w/enclosure

Lust Subdivision NPDES Permit Limit violations October 2009 through June 2010

Permit No.	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PG00077*ED	October 2009	001	50060	Chlorine, Total Residu	1D Conc	0.038	.07	10/20/2009
2PG00077*ED	May 2010	001	00300	Dissolved Oxygen	1D Conc	5.0	4.6	5/25/2010
2PG00077*ED	June 2010	001	31616	Fecal Coliform	30D Conc	1000	1055.	6/1/2010
2PG00077*ED	June 2010	001	50060	Chlorine, Total Residu	1D Conc	0.038	.05	6/8/2010

No NPDES limit violations for Country Meadows Subdivision October 2009 through June 2010

Dayspring Care Center NPDES Permit Limit violations October 2009 through June 2010

Permit No.	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PG00114*BD	June 2010	001	31616	Fecal Coliform	30D Conc	1000	2299.76	6/1/2010
2PG00114*BD	June 2010	001	31616	Fecal Coliform	7D Conc	2000	3102.	6/8/2010

Harp Subdivision NPDES Permit Limit violations October 2009 through June 2010

Permit No.	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PG00075*ED	October 2009	001	50060	Chlorine, Total Residu	1D Conc	0.038	.14	10/15/2009
2PG00075*ED	January 2010	001	00530	Total Suspended Solids	30D Qty	1.8	1.81566	1/1/2010
2PG00075*ED	January 2010	001	00530	Total Suspended Solids	7D Qty	2.7	5.01437	1/22/2010
2PG00075*ED	March 2010	001	00530	Total Suspended Solids	30D Conc	12.0	15.	3/1/2010
2PG00075*ED	March 2010	001	00530	Total Suspended Solids	30D Qty	1.8	4.04011	3/1/2010
2PG00075*ED	March 2010	001	00530	Total Suspended Solids	7D Qty	2.7	4.04692	3/8/2010
2PG00075*ED	March 2010	001	00530	Total Suspended Solids	7D Conc	18.0	22.	3/15/2010
2PG00075*ED	March 2010	001	00530	Total Suspended Solids	7D Qty	2.7	4.57152	3/15/2010
2PG00075*ED	March 2010	001	00530	Total Suspended Solids	7D Qty	2.7	6.56092	3/22/2010
2PG00075*ED	March 2010	001	80082	CBOD 5 day	7D Qty	2.3	3.24401	3/22/2010
2PG00075*ED	May 2010	001	50060	Chlorine, Total Residu	1D Conc	0.038	.18	5/17/2010
2PG00075*ED	May 2010	001	50060	Chlorine, Total Residu	1D Conc	0.038	.05	5/18/2010
2PG00075*ED	May 2010	001	50060	Chlorine, Total Residu	1D Conc	0.038	.05	5/19/2010
2PG00075*ED	May 2010	001	50060	Chlorine, Total Residu	1D Conc	0.038	.12	5/20/2010
2PG00075*ED	June 2010	001	31616	Fecal Coliform	30D Conc	1000	2917.	6/1/2010
2PG00075*ED	June 2010	001	31616	Fecal Coliform	7D Conc	2000	2917.	6/1/2010
2PG00075*ED	June 2010	001	80082	CBOD 5 day	7D Qty	2.3	5.15063	6/1/2010
2PG00075*ED	June 2010	001	50060	Chlorine, Total Residu	1D Conc	0.038	.21	6/7/2010
2PG00075*ED	June 2010	001	50060	Chlorine, Total Residu	1D Conc	0.038	.06	6/18/2010