



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

November 17, 2009

Richard Freeman
1740 Fleming Falls Road
Mansfield, Ohio 44903

Dear Mr. Freeman:

On November 12, 2009, inspections were conducted at the wastewater treatment plants (WWTP) which are owned 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 trash trap at the head of the plant had been pumped since our last inspection. The color of the aeration tanks was a healthy brown. 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 continue to exceed **10 times** the average daily design flow. However it appears that a relatively dry summer has helped prevent excessive flows. 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.

During the inspection at Country Meadows Subdivision, all components were in operation and functioning normally. A very clear effluent was being discharged. We observed that the chlorine dosing had been moved to the influent of the sand filter dosing station and that dechlorination had been moved to the inlet of the chlorine contact tank. Flow rates at the plant have exceeded 6 times the design flow rate during the last six 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 Permit to Install 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.

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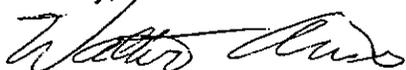
During the inspection at the Dayspring Care Facility, the plant was in operation and functioning. The air to the first aeration tank had been turned down in an effort to decrease foaming that has been occurring. The sand filter beds were both clean. A clear effluent was being discharged to the receiving stream. We observed that one of the pumps in the filter dosing station appeared to be malfunctioning. Mrs. Miller indicated she would follow up on the malfunction later in the day. We also discovered what appeared to be a small ground water leak into the filter dosing station along the north wall. The leak should be sealed. It was noted that the discharge weir and baffle in the clarifier had been replaced as the old one had corroded and was leaking.

During the inspection at Harp Subdivision, all major treatment components were in operation and functioning. Mrs. Miller indicated that the plant had experienced a major upset a few days earlier and that sludge was removed from the clarifiers in an effort to alleviate the problem. New seed sludge was brought in from the Eastview plant. It appeared that the new seed had yet to take hold and begin growing. The color of the aeration tanks was very weak and the clarifiers appeared turbid. The sand filters were in use. A clear effluent was being discharged to the receiving stream. Flows at this treatment plant have exceeded 266,000 gallons/day or 6 times the average daily design flow during the last six 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.

The discharge monitoring reports for all the facilities were reviewed. 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. It was noted that no limit violations had occurred at the Dayspring plant during the period reviewed. The required PTI for the Country Meadows plant should be submitted immediately.

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

Sincerely,



Walter Ariss
Environmental Specialist II
Division of Surface Water
/csl

Enclosure

pc: NWDO-DSW File for Harp, Lust, Country Meadows, Dayspring w/enc.
Richland County Commissioners w/enc.

Lust Subdivision limit violations February through September 2009

Permit No.	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PG00077*DD	May 2009	001	00300	Dissolved Oxygen	1D Conc	5.0	3.2	5/26/2009
2PG00077*DD	June 2009	001	00300	Dissolved Oxygen	1D Conc	5.0	3.	6/9/2009

Country Meadows limit violations February through September 2009

Permit No.	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PG00074*CD	February 2009	001	00530	Total Suspended Solids	30D Qty	0.41	.43717	2/1/2009
2PG00074*CD	February 2009	001	00530	Total Suspended Solids	30D Conc	12	15.	2/1/2009
2PG00074*CD	February 2009	001	00530	Total Suspended Solids	7D Conc	18	20.	2/8/2009
2PG00074*CD	February 2009	001	00530	Total Suspended Solids	7D Qty	0.61	1.081	2/8/2009
2PG00074*CD	May 2009	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	3.0	3.72	5/1/2009
2PG00074*CD	May 2009	001	31616	Fecal Coliform	7D Conc	2000	2372.	5/1/2009
2PG00074*CD	July 2009	001	50060	Chlorine, Total Residu	1D Conc	0.038	.07	7/9/2009
2PG00074*CD	July 2009	001	50060	Chlorine, Total Residu	1D Conc	0.038	.05	7/10/2009

Harp limit violations February through September 2009

Permit No.	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PG00075*DD	February 2009	001	00530	Total Suspended Solids	30D Conc	12	14.	2/1/2009
2PG00075*DD	February 2009	001	00530	Total Suspended Solids	30D Qty	1.8	2.3607	2/1/2009
2PG00075*DD	February 2009	001	00530	Total Suspended Solids	7D Conc	18	20.	2/8/2009
2PG00075*DD	February 2009	001	00530	Total Suspended Solids	7D Qty	2.7	5.65479	2/8/2009
2PG00075*DD	February 2009	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	5.4	5.64	2/22/2009
2PG00075*DD	March 2009	001	00530	Total Suspended Solids	30D Conc	12	22.5	3/1/2009
2PG00075*DD	March 2009	001	00530	Total Suspended Solids	7D Conc	18	22.	3/1/2009
2PG00075*DD	March 2009	001	00530	Total Suspended Solids	30D Qty	1.8	3.37754	3/1/2009
2PG00075*DD	March 2009	001	00530	Total Suspended Solids	7D Conc	18	24.	3/8/2009
2PG00075*DD	March 2009	001	00530	Total Suspended Solids	7D Qty	2.7	6.62224	3/8/2009
2PG00075*DD	March 2009	001	80082	CBOD 5 day	7D Qty	2.3	2.40056	3/8/2009
2PG00075*DD	March 2009	001	00530	Total Suspended Solids	7D Conc	18	24.	3/15/2009
2PG00075*DD	March 2009	001	00530	Total Suspended Solids	7D Conc	18	20.	3/22/2009
2PG00075*DD	March 2009	001	00530	Total Suspended Solids	7D Qty	2.7	2.79333	3/22/2009
2PG00075*ED	August 2009	001	31616	Fecal Coliform	30D Conc	1000	1075.	8/1/2009
2PG00075*ED	August 2009	001	50060	Chlorine, Total Residu	1D Conc	0.038	.1	8/3/2009
2PG00075*ED	August 2009	001	50060	Chlorine, Total Residu	1D Conc	0.038	.07	8/17/2009
2PG00075*ED	August 2009	001	50060	Chlorine, Total Residu	1D Conc	0.038	.05	8/19/2009