



State of Ohio Environmental Protection Agency

Northeast District Office

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Twinsburg, Ohio 44087

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

August 1, 2007

RE: WAYNE COUNTY
HILLCREST
1979 SYLVAN ROAD

Mr. Tim Patterson, Superintendent
Wayne County Administrative Building
428 W. Liberty Street
Wooster, OH 44691

Dear Mr. Patterson:

On July 12, 2007, this writer met with you and Donny Hendershott to conduct a pre-permit inspection of the sewage treatment plant serving the Hillcrest allotment. Below are our findings and recommendations from the inspection:

At the time of the inspection, the treatment plant was producing what appeared to be a satisfactory quality effluent. Overall, the plant appeared to be in good operation and maintenance condition.

The mixed liquor in the aeration tank was chocolate brown in color but contained significant amounts of foam. The care center which discharges to the wastewater plant has been using a strong degreaser which may be causing the foaming problems at the wastewater plant. The clarifiers contained grease balls which also could be the result of the degreaser used at the care center. It is our recommendation that you limit the use of the degreaser and contact the care center to notify them of this limitation.

The sand filters were in good condition and were in the process of being cleaned at the time of the inspection. The sand media is to be replaced this year. Please note, the media must be replaced with EPA approved media. The chlorinator and dechlorinator were located in a shed by the sand filter building. It appeared the chlorination and dechlorination chemicals were located in barrels in the shed. As a reminder, the chlorination and dechlorination chemicals need to be provided with spill containment.

The composite samples at the influent and effluent sampling stations are currently collected by using a series of three grab samples by hand. Your permit requires you to collect composite samples for suspended solids, ammonia, CBOD, nitrogen ammonia, phosphorus and all metals. It is our recommendation that you collect these composite samples with flow proportioned composite samplers permanently installed at the sampling locations.

The sludge holding tanks appeared to be in good condition. The sludge is pumped out approximately 2-3 times per year and is sent to the Canton Wastewater Treatment Plant.

A review of your monthly operating reports covering the period February, 2003 through June, 2007, revealed the following effluent violations:

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
May 2003	001	50060	Chlorine, Total Res.	1D Conc	0.019	.06	5/22/2003
May 2003	001	50060	Chlorine, Total Res.	1D Conc	0.019	.08	5/29/2003
July 2003	001	00300	Dissolved Oxygen	1D Conc	6.0	5.	7/10/2003
July 2003	001	00300	Dissolved Oxygen	1D Conc	6.0	5.	7/24/2003
July 2003	001	00530	Total Suspended Solids	7D Conc	18	19.5	7/22/2003
July 2003	001	00530	Total Suspended Solids	30D onc	12	12.3	7/1/2003
July 2003	001	31616	Fecal Coliform	7D Conc	2000	2500.	7/8/2003

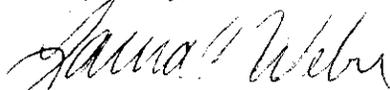
Mr. Tim Patterson
Hillcrest
August 1, 2007
Page 2

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
July 2003	001	31616	Fecal Coliform	7D Conc	2000	2700.	7/15/2003
August 2003	001	00530	Total Suspended Solids	7D Conc	18	24.	8/1/2003
August 2003	001	31616	Fecal Coliform	7D Conc	2000	3700.	8/1/2003
August 2003	001	50060	Chlorine, Total Res.	1D Conc	0.019	.07	8/19/2003
Sept. 2003	001	50060	Chlorine, Total Res.	1D Conc	0.019	.05	9/9/2003
May 2004	001	31616	Fecal Coliform	7D Conc	2000	2000.	5/8/2004
May 2004	001	31616	Fecal Coliform	7D Conc	2000	2200.	5/22/2004
May 2004	001	50060	Chlorine, Total Res.	1D Conc	0.019	.06	5/5/2004
May 2004	001	50060	Chlorine, Total Res.	1D Conc	0.019	.1	5/6/2004
May 2007	001	31616	Fecal Coliform	7D Conc	2000	4200.	5/1/2007
July 2004	001	50060	Chlorine, Total Res.	1D Conc	0.019	.06	7/15/2004
August 2004	001	50060	Chlorine, Total Res.	1D Conc	0.019	.08	8/26/2004
June 2004	001	00530	Total Suspended Solids	7D Qty	13.6	18.0790	6/15/2004
June 2004	001	50060	Chlorine, Total Res.	1D Conc	0.019	.06	6/29/2004
June 2005	001	50060	Chlorine, Total Res.	1D Conc	0.019	.05	6/2/2005
August 2005	001	50060	Chlorine, Total Res.	1D Conc	0.019	.11	8/16/2005

The existing NPDES permit for this facility expires on January 31, 2008. The renewal NPDES permit for this facility is being drafted and will be public noticed in the near future. You will have 30 days from the date of the public notice to submit comments to Ohio EPA regarding the draft permit.

Overall, the results of the inspection were satisfactory. If you have any questions or comments regarding this letter, please contact this office at (330) 963-1299.

Respectfully,



Laura A. Weber, P.E.
Environmental Engineer
Division of Surface Water

LAW/mt

cc: Wayne County Commissioners
Donny Hendershott, Wayne County

ec: Rich Blasick, Ohio EPA, DSW, NEDO

File: Public/Permit Compliance/Hillcrest