



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

July 19, 2007

RE: WAYNE COUNTY
GINGERY ALLOTMENT
MYRTA DRIVE

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 Gingery 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.

The trash trap appeared to be in good condition. As a reminder, trash traps should be cleaned when scum and sludge occupy approximately 35-40% of the tank volume.

The day before the inspection, a heavy rainfall occurred which impacted the plant. Increased flows sent to the plant from the rainfall caused some solids to wash out of the system and some debris was sent in with the stormwater. The collection system has some inflow and infiltration problems that are ongoing. Measures have been taken to correct the inflow and infiltration problem in recent years. During the inspection, it was mentioned that some manhole covers were replaced in the past year. We understand you are currently conducting smoke testing to identify sources of inflow and infiltration. In the event significant sources of inflow and infiltration are not identified, we recommend you consider installing aerated flow equalization at the plant. An aerated flow equalization tank would have to meet the design criteria located in Sewage: Collection, Treatment & Disposal (Greenbook). A copy of the Greenbook is located at <http://www.epa.state.oh.us/ddagw/Documents/greenbook.pdf>.

The mixed liquor in the aeration tank was a light brownish/gray color and the sludge return lines were running slightly clear. The mixed liquor is typically a rich chocolate brown color when there is a good organic balance in the system. Because of the heavy rainfall and the recent hauling of sludge, there was an obvious lack of solids in the system. This imbalance was noted and you mentioned that solids were scheduled to be hauled into to the plant in the next week or two. The clarifier contained floating debris and some visible suspended solids most likely caused by the heavy rainfall. If these problems persist and result in any potential limit violations, please contact this office.

The sand filters were in good condition with some minor weed growth. As a reminder, the filters are to be raked periodically. Any sand taken from the filters contains pathogens and therefore, must be disposed of properly. Because the sand is considered a solid waste, it must be disposed at a licensed solid waste landfill.

The chlorinator and dechlorinator were in operation and appeared to be in good condition. The sludge holding tanks appeared to be in good condition. Sludge was recently removed from the facility. The sludge is usually pumped two to three times a year and is sent to the Canton Wastewater Treatment Plant.

MR. TIM PATTERSON
 JULY 19, 2007
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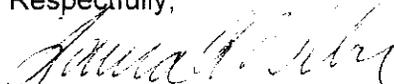
A review of your monthly operating reports covering the period January 2003 through June 2007, revealed the following effluent violations.

| Reporting Period | Station | Reporting Code | Parameter | Limit Type | Limit | Reported Value | Violation Date |
|------------------|---------|----------------|--------------------------|------------|-------|----------------|----------------|
| March 2003 | 001 | 80082 | CBOD 5 day | 30D Qty | 0.46 | .85715 | 3/1/2003 |
| March 2003 | 001 | 80082 | CBOD 5 day | 7D Qty | 0.69 | .85715 | 3/8/2003 |
| August 2004 | 001 | 50060 | Chlorine, Total Residual | 1D Conc | 0.038 | .23 | 8/5/2004 |
| June 2005 | 001 | 50060 | Chlorine, Total Residual | 1D Conc | 0.038 | .09 | 6/23/2005 |
| June 2007 | 001 | 50060 | Chlorine, Total Residual | 1D Conc | 0.038 | .46 | 6/21/2007 |
| December 2006 | 001 | 00300 | Dissolved Oxygen | 1D Conc | 5.0 | 2. | 12/21/2006 |
| August 2006 | 001 | 31616 | Fecal Coliform | 30D Conc | 1000 | 1050 | 8/1/2006 |
| March 2003 | 001 | 00530 | Total Suspended Solids | 30D Qty | 0.55 | 1.27933 | 3/1/2003 |
| March 2003 | 001 | 00530 | Total Suspended Solids | 7D Qty | 0.82 | 1.27933 | 3/8/2003 |
| June 2003 | 001 | 00530 | Total Suspended Solids | 30D Qty | 0.55 | .7324 | 6/1/2003 |
| March 2007 | 001 | 00530 | Total Suspended Solids | 30D Qty | 0.55 | 1.02725 | 3/1/2007 |
| March 2007 | 001 | 00530 | Total Suspended Solids | 7D Qty | 0.82 | 1.02725 | 3/15/2007 |

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 the 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:bo

pc: Wayne County Commissioners
 Mr. Donny Hendershott, Wayne County

ec: Rich Blasick, DSW, NEDO

File: Public/Permit Compliance/Hillcrest