



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.state.oh.us

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

Re: Wood County
Cygnet WWTP
NPDES

February 21, 2008

Mr. Jerry Greiner
Northwestern Water & Sewer District
PO Box 348
Bowling Green, OH 43402

Dear Mr. Greiner:

On January 16, 2008, I made an inspection of the wastewater treatment plant (WWTP) that serves the Village of Cygnet which is located on the north end of Washington St. in the Village of Cygnet, Wood County. Mr. Bill Wachter and Mr. Simon Gundy, both of Northwestern Water and Sewer District (NWWSD), were present to provide information and to answer any questions.

The WWTP is a three cell controlled discharge lagoon system operated in series. At the time of the inspection, all three lagoons were full. The wastewater in lagoons one and three was green with algae. Excessive weed growth occurs in the rip rap around the lagoons. Rip rap on the lagoon walls only extends to below the high water level on all three lagoons which is a cause for concern. Without rip rap, when the water level is lowered during discharge, there is erosion of the lagoon banks which can compromise the integrity of the lagoon liner.

At the time of my inspection, we found that there was a discharge from the final lagoon though it had been stated that the lagoons were not discharging. The National Pollutant Discharge Elimination System Permit (NPDES) requires monitoring whenever there is a discharge. There needs to be more careful observation of the discharge structure to make sure that there is no discharge without the knowledge of the operator.

The NPDES permit requires that controlled discharge flows are limited to not more than 90 gallons per minute for each cubic foot per second (cfs) stream flow (Part II, item J). Effluent flows from the WWTP have been reported at 1 million gallons per day (MGD) with an upstream flow of 1.7 cfs. An upstream flow of 1.7 cfs will only allow for a final effluent discharge of 0.220 MGD. To continue to discharge at such a high rate without sufficient upstream flow is a violation of the NPDES permit.

The Village's NPDES permit expires on February 29, 2008. We only recently received the renewal application for the NPDES permit though it was due September 2, 2007. The Village of Cygnet will receive a draft renewal permit in the near future. Please contact the Village to make sure that they have reviewed this draft permit and notify us if you have any comments.

Mr. Jerry Greiner
February 21, 2008
Page Two

If you have any questions, please feel free to contact me at (419) 373-3016.

Sincerely,



Patricia A. Tebbe, P.E.
Division of Surface Water

/lb

pc: Mayor and Council, Village of Cygnet
Dan Wickard, NWWSD
~~DSW-NWDO file~~