



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

September 29, 2008

RE: GEAUGA COUNTY
THOMPSON TOWNSHIP
RUSTIC PINES MHP
PRE-PERMIT RENEWAL INSPECTION

Mr. Daniel Inks, Administrative Manager
I & I Properties, Inc., Rustic Pines MHP
9 Corporation Center
Broadview Heights, OH 44147

Dear Mr. Inks:

This letter is to convey my findings based on a physical inspection of the referenced wastewater treatment and disposal system. I also reviewed the database for reported plant performance. I conducted this physical inspection on September 22, 2008, when I met Jeremy Light at the mobile home park.

The trash trap was in satisfactory condition, the aeration tank showed a good roll to accomplish adequate Oxygen levels. The final settling tank showed a high level of solids accumulated on the bottom with the top of the sludge clearly visible near the surface. Flocculated sludge was rising to the surface suggesting old sludge. I suggested that Jeremy take action to obtain a device called a sludge judge to precisely measure sludge levels in the clarifier to aid in managing the sludge hauling program. It is noted that you replaced the sludge lift pumps this summer with improved sludge return flows.

The slow sand filters had no weed growth, and they were raked level with no signs of a sludge deposit on the surface. The tablet chlorinator is in need of improvements to achieve chlorine limits in the receiving stream.

In addition to the physical inspection of the plant, I have reviewed the database for Discharge Monitoring Reports submitted over the period July 1, 2007 to July 1, 2008 (enclosed). The database reveals that discharges of chlorine at concentrations above permitted levels occur virtually daily, more than 100 daily permit violations subject to possible fines of up to \$25,000 for each day. Additionally 7 violations of Total Suspended Solids and 9 violations of Nitrogen, Ammonia (NH₃) as well as 1 of CBOD₅ occurred during the period of review.

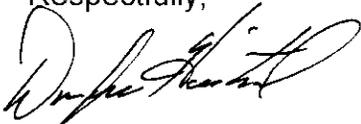
Some violations of permitted concentrations are common. The repeated chlorine violations are an issue that I will address in the renewal permit as a schedule of

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compliance issue. Apparently, plant improvements are necessary to achieve compliance. You should contact your engineer to explore ways to achieve Chlorine compliance by the beginning of the next disinfection season.

Should you have any questions or comments regarding this letter, please contact me directly at (330) 963-1260.

Respectfully,

A handwritten signature in black ink, appearing to read "Douglas Hiestand". The signature is fluid and cursive, with a large initial "D" and "H".

Douglas Hiestand
Environmental Engineer
Division of Surface Water

DH/mt

enclosure

cc: Helen Hayes, Geauga County Health Department