



State of Ohio Environmental Protection Agency

**Northeast District Office**

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Twinsburg, Ohio 44087

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www.epa.state.oh.us

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

August 1, 2007

RE: LORAIN COUNTY  
CARLISLE TOWNSHIP  
BUTTERNUT TERRACE APARTMENTS  
(38775 BUTTERNUT RIDGE RD.)

**CERTIFIED MAIL**

Mr. Roger McVetta  
49364 SR 303  
Oberlin, OH 44074

Dear Mr. McVetta:

On July 10, 2007, a compliance inspection was conducted on the wastewater treatment plant (WWTP) serving the Butternut Terrace Apartments, located at 38775 Butternut Ridge Road, Carlisle Township, Lorain County. The inspection was conducted by this writer, and Mr. John Sabo of the Lorain County Health Department. The purpose of the inspection was to evaluate the WWTP's operation and maintenance condition, and to assess the quality of the treated effluent being discharged from the WWTP.

At the time of the July 10<sup>th</sup> inspection, the following observations were made:

- 1) The trash trap contents appeared normal, and contained only a slight amount of floating grease or solids.
- 2) The aeration tank was being aerated, and the contents were a watery medium brown in color. The return sludge and skimmer lines were operational, and exhibited characteristic color.
- 3) The settling tank contents had some floating solids/scum on the surface, and the skimmer was set too low below the water surface. The effluent trough had some solids deposition in it, and there was a solids buildup behind the baffle in the tank.
- 4) The pump station pumps were set to automatic mode, and were operational in the manual mode when tested.
- 5) The surface sand filters were clean and free of vegetation. The west filter cell was being used, and there was some ponding of water in the corners of the cell. The east filter cell sand was raked clean and level.
- 6) There was no chlorine contact tank for disinfection of the effluent prior to discharge to the Black River.

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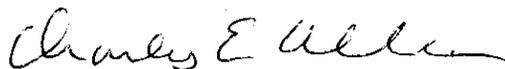
Based upon the results of the Butternut Terrace Apartments WWTP inspection, the following items need to be addressed:

- 1) The skimmer in the settling tank should be properly adjusted, to just  $\frac{1}{4}$  inch below the surface of the water.
- 2) The settling tank effluent trough needs to have the solids deposition cleaned out.
- 3) The solids buildup behind the baffle in the settling tank should be cleaned out as well.
- 4) A tablet chlorinator needs to be added to the WWTP, after the surface sand filters, and prior to discharge to the Black River. State of Ohio law requires the effluent be disinfected to kill potentially harmful bacteria, prior to discharge to waters of the State. Please contact Mr. Sabo for details regarding this matter.
- 5) The enclosed National Pollutant Discharge Elimination System (NPDES) Permit to Discharge application material is to be filled out, and returned to this office for issuance of a permit to discharge for the WWTP.

Please respond to this correspondence, in writing within 14 days of its receipt, and indicate the actions which will be taken to satisfy the above-outlined items.

If there are questions or comments regarding the contents of this letter, please contact this office.

Respectfully,



Charles E. Allen  
Environmental Engineer  
Division of Surface Water

CEA/mt

cc: John Sabo, Lorain County Health Department

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