



State of Ohio Environmental Protection Agency

Northeast District Office

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

August 25, 2009

RE: LORAIN COUNTY
CARLISLE TOWNSHIP
BUTTERNUT TERRACE APARTMENTS
(38775 BUTTERNUT RIDGE RD.)
(NPDES PERMIT NO. 3PW00038*AD)

CERTIFIED MAIL

Mr. Roger McVetta
McVetta Properties
49364 SR 303
Oberlin, OH 44074

Dear Mr. McVetta:

On August 18, 2009, a Compliance Evaluation Inspection (CEI) was conducted by this writer, and Mr. John Sabo of the Lorain County Health Department, on the wastewater treatment plant (WWTP) serving the Butternut Terrace Apartments, located at 38775 Butternut Ridge Road, Carlisle Township, Lorain County. The purpose of the inspection was to evaluate the WWTP's operation and maintenance condition, to assess the quality of the treated effluent being discharged from the WWTP, and to evaluate the facility's compliance with the terms and conditions of its NPDES Permit to discharge.

At the time of the August 18th inspection, the following observations were made:

- 1) The trash trap was being utilized and its surface contained a thick mat of solids and scum.
- 2) The aeration tank was being aerated, and the contents were watery brown in color. Suspended solids content of the aeration tank appeared to be very low, and there was no foam on the surface of the tank contents. The return sludge line was not operating.
- 3) The settling tank contents were turbid, and the skimmer was operating, returning clear water. The settling tank effluent trough contained solids in it, and there was a buildup of solids behind the trough.
- 4) The pumps in the sand filter dosing station were checked. One of the two required pumps was set on 'Auto', and operated when manually tested. The second pump was missing.

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- 5) The surface sand filter cells were free of ponded water, and contained only a slight solids deposition and moss.
- 6) An Ultra Violet (UV) unit is used for disinfection of the treated effluent. The UV unit was assumed to be operational, although there is no indicating light to observe if it is functioning properly.

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

- 1) The trash trap should be pumped out and checked regularly.
- 2) The settling tank effluent trough needs to have the solids deposition cleaned out, and the trough kept clean.
- 3) The surface sand filter should be kept free of solids and excessive vegetation.
- 4) An indicating light should be placed on the UV unit, so that its operational status can be visually observed (an on/off light indicator minimally).

A computer search for the operating data for the Butternut Terrace Apartments wastewater treatment plant was conducted prior to the inspection. The monthly electronic Data Monitoring Report (eDMR) data search covered the period of July 1, 2008, through August 1, 2009.

Results of the search found the following numerical effluent violations for the period indicated:

**BUTTERNUT TERRACE APARTMENTS
 NPDES PERMIT NO. 3PW00038
 NUMERIC EFFLUENT VIOLATIONS
 (JULY 1, 2008 – AUG. 1, 2009)**

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
August 2008	pH	1D Conc	6.5	6.38	8/4/2008
December 2008	Total Suspended Solids	30D Conc	12	25.	12/1/2008
December 2008	Total Suspended Solids	7D Conc	18	25.	12/1/2008
December 2008	Total Suspended Solids	30D Qty	0.341	.34112	12/1/2008
March 2009	Total Suspended Solids	30D Conc	12	20.	3/1/2009
March 2009	Total Suspended Solids	7D Conc	18	20.	3/15/2009
June 2009	Fecal Coliform	30D Conc	1000	1155.	6/1/2009
June 2009	Chlorine, Total Residual	1D Conc	0.019	.19	6/11/2009

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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,

A handwritten signature in cursive script that reads "Charles E. Allen". The signature is written in black ink and is positioned above the typed name and title.

Charles E. Allen
Environmental Engineer
Division of Surface Water

CEA/mt

cc: John Sabo, Lorain County Health Department

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