



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.
Twinsburg, Ohio 44087

TELE: (330) 963-1200 FAX: (330) 487-0769
www.epa.state.oh.us

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

January 30, 200~~8~~⁹

RE: GLENBEIGH HOSPITAL
PERMIT NO. 3PT00116
ASHTABULA COUNTY
MORGAN TOWNSHIP

Mr. Tim Phillips
Glenbeigh Hospital
2863 State Rout 45
Rockcreek, Ohio 44084

Dear Mr. Phillips:

On December 31, 2008, an inspection of the above referenced facility's wastewater treatment system was conducted. The facility was represented by Mr. Chris Cimino, Maintenance. The purpose of the inspection was to evaluate the operation and maintenance of the treatment system along with the facility's compliance status with respect to the terms and conditions of the above referenced National Pollutant Discharge Elimination System (NPDES) permit.

During the inspection, the following items were noted:

1. The plant design of the wastewater treatment system is 20,000 gpd.
2. The blowers were running and the plant was receiving good aeration.
3. The contents of the aeration tank were medium brown in color and no foam was present. This is typical of a properly operating plant.
4. Ake Lab performs the lab analysis and submits the data.
5. The north surface sand filter bed was plugged and was not in service. Since new filter media was recently installed in the north bed, Mr. Cimino indicated the filter was taken off line until the bed could be dried out and the sludge layer raked and removed.
6. The south surface sand filter bed was draining slowly. Mr. Cimino indicated that new sand was going to be installed in the south bed this spring.
7. In general 18 inches of approved filter sand is necessary. Any filter sand that is used must meet the requirements of Ohio Administrative Code (OAC) 3745-42-09. More specifically, for conventional surface sand filters, filter sand shall be washed and free of silt; have an effective size of 0.4 mm to 1.0 mm; and have a uniformity coefficient less than 3.0.
8. The facility's NPDES permit expires on October 31, 2009. The permittee shall submit application forms 1, 2E, 2S, and an Antidegradation addendum no later than 180 days prior to the expiration date. An application fee of \$200.00 dollars must be submitted with the application. The check should be made payable to the "Treasurer of the State of Ohio".

This office has recently reviewed your self-monitoring reports covering the period January 1, 2008 through December 31, 2008 for the referenced facility. Our review indicates violations of the terms and conditions of your NPDES permit. The specific instances of noncompliance are as follows:

Mr. Tim Phillips
Glenbeigh Hospital
January 30, 2009
Page 2

Limit Violations

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	6.16	3/1/2008
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	6.16	3/1/2008
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.23	.46631	3/1/2008
001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.34	.46631	3/1/2008
001	00300	Dissolved Oxygen	1D Conc	6.0	5.9	5/15/2008
001	00300	Dissolved Oxygen	1D Conc	6.0	5.7	5/22/2008
001	00300	Dissolved Oxygen	1D Conc	6.0	5.4	5/29/2008
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	1.48	6/1/2008
001	00300	Dissolved Oxygen	1D Conc	6.0	4.7	6/5/2008
001	00300	Dissolved Oxygen	1D Conc	6.0	2.3	6/12/2008
001	00300	Dissolved Oxygen	1D Conc	6.0	5.4	6/26/2008
001	00300	Dissolved Oxygen	1D Conc	6.0	5.4	7/10/2008
001	00300	Dissolved Oxygen	1D Conc	6.0	5.6	7/31/2008
001	00300	Dissolved Oxygen	1D Conc	6.0	5.4	8/14/2008
001	00300	Dissolved Oxygen	1D Conc	6.0	4.7	8/21/2008
001	00300	Dissolved Oxygen	1D Conc	6.0	3.9	9/18/2008
001	00300	Dissolved Oxygen	1D Conc	6.0	5.6	9/25/2008
001	00300	Dissolved Oxygen	1D Conc	6.0	5.	10/2/2008
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	3.95	11/1/2008
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	3.1	12/1/2008

No frequency violations were noted

Please inform this office in writing, within 21 days receipt of this letter, what actions are going to be taken to eliminate the ongoing dissolved oxygen and nitrogen, ammonia (NH3) violations. Your response should include a description of the actions taken or proposed along with dates for completion of the actions

Please be advised that such instances of noncompliance may be cause for enforcement actions pursuant to the Ohio Revised Code, Chapter 6111.

Should you have any comments or questions concerning this letter, please feel free to call me at (330) 963-1143.

Respectfully,



Michael W. Stevens
Environmental Engineer
Division of Surface Water

MWS/mt

Enclosure: Application forms 1, 2E, 2S, Antidegradation form