



State of Ohio Environmental Protection Agency

**Southeast District Office**

2195 Front Street  
Logan, Ohio 43138

TELE: (740) 385-8501 FAX: (740) 385-6490  
www.epa.state.oh.us

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

February 11, 2010

**Re:** Adams County  
Hillcrest Nursing Home  
Self-Monitoring Report Violations  
Ohio EPA Permit No. OPX00018  
Correspondence (PWW)

Chris Inverso  
Provider Services  
16230 Kaylor Drive  
Danville, Ohio 43014

Mrs. Linda Sistrunk  
Hillcrest Nursing Home  
3564 Lawshe Road  
Peebles, Ohio 45660

Dear Mrs. Sistrunk:

On January 27, 2010, Tim Campbell and I met with Mike Wisecarver and Larry Burton to discuss the operation of the plant and the violations noted below. During the inspection and discussion, three points of interest were noted and are as follows:

1. Sludge management is difficult to complete with a dependable level of accuracy.

The current practice involves the utilization of a septic truck which does not give the operator the flexibility needed to operate the facility in a consistent fashion. We request that a sludge holding system be installed. Submit plans through our Permit to Install process for the sludge holding system within the next 60 days.

2. Mop water disinfectants are causing detrimental effects to the wastewater plant.

Ohio EPA understands the important need for powerful disinfectants to ensure patient health. However, these disinfectants are reducing the effectiveness of the wastewater plant in treating the facility's wastewater. Ohio EPA requests that a holding tank be utilized to contain mop water. The holding tank can be emptied by a septic hauler. Please note that as long as the tank is located inside of the building, no Ohio EPA permits or approvals are necessary. The main goal is to eliminate the daily flow of mop water to the treatment plant.

A facility wide study of disinfectant use and disposal should be conducted to determine if any other sources of wastewater containing disinfectants can easily be placed into the mop water holding tank and removed from the wastewater plant flow.

3. Can Larry Burton perform all operator tasks since he now holds a Class A license?

Yes, since the flow for the facility is less than 25,000 gallons per day. Mr. Burton has made great strides in learning the operator trade over the past few years and shows a great interest in maintaining compliance. Currently, one hindrance to the proper operation of the plant is the lack of proper testing equipment. Monthly samples are collected and sent to an offsite laboratory but an operator must utilize equipment throughout the month to ensure the plant is operating properly. Please ensure that Mr. Burton has all he needs to properly operate the plant.

We have received your self-monitoring report covering the months of July through December 2009 for your wastewater treatment plant. Our review indicates violations of the conditions of your NPDES permit. The specific instances of noncompliance and/or deficiencies are as follows:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.5	7.4	7/1/2009
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.05	.08611	7/1/2009
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	2.3	8.6	7/8/2009
001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.07	.10416	7/8/2009
001	50060	Chlorine, Total Residual	1D Conc	0.019	.05	7/9/2009
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	2.3	6.2	7/15/2009
001	50060	Chlorine, Total Residual	1D Conc	0.019	.05	8/6/2009
001	50060	Chlorine, Total Residual	1D Conc	0.019	.05	8/20/2009
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.5	2.65	9/1/2009
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	2.3	5.3	9/8/2009
001	50060	Chlorine, Total Residual	1D Conc	0.019	.09	9/17/2009
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.5	1.8	10/1/2009
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	2.3	2.4	10/22/2009

- \* 1D Qty is equal to a maximum daily loading limit.
- 1D Conc is equal to the maximum daily concentration limit.
- 30 D Conc is equal to average monthly concentration limit.
- 30 D Qty is equal to the average monthly loading limit.

Please be advised that failure to comply with the effluent limitations or to satisfy the monitoring or reporting requirements of your NPDES permit may be cause for enforcement action pursuant to Ohio Revised Code Chapter 6111.

Within 10 days from receipt of this letter submit a letter to this office outlining the reasons for the above permit violations and actions being taken to prevent further occurrences. No action is required if you have already submitted documentation outlining the causes of these violations and corresponding corrective actions.

If there are any questions, please contact me at (740) 380-5277.

Sincerely,



Aaron Wolfe  
Storm Water Coordinator  
Division of Surface Water

AW/dh

- c: Larry Burton, Operator
- c: Michael Wisecarver, Wisecarver Environmental, Inc.