



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

November 8, 2007

RE: ASHTABULA COUNTY  
NORTH KINGSVILLE SHOPPING CENTER  
NPDES PERMIT NO. ~~OH0045659~~ OH0129101  
OHIO EPA PERMIT NO. ~~3PB00068~~ 3PR00254

Mr. Chris Wolf, Owner  
North Kingsville Shopping Center WWTP  
8209 Proctor Road  
Leroy, OH 44077

Dear Mr. Wolf:

On October 19, 2007, an inspection was conducted at the North Kingsville Shopping Center Wastewater Treatment Plant by the undersigned. The purpose of the inspection was to evaluate the operation and maintenance of the plant. As such, evaluations were conducted of the facility's treatment processes and equipment, effluent discharge quality, and general compliance status. Mr. Roger Osborn, the operator, was present during the inspection.

The following is a list of observations/findings that were noted:

1. Waste had been scraped off of the system's equipment that had adhered to it and may have been preventing proper operation of the plant. This waste was piled on the ground next to the tanks so that it could gravity drain back into the aeration system. It is intended that the material will be removed once it has dewatered. Mr. Osborn thinks that the material may be a result of the meat processing in the market contained in the shopping center.
2. The color of the wastewater was grayish indicating that the system is not operating at peak proficiency.
3. One of the sand filters appears to have a low sand level.

Mr. Osborn asked the following questions:

- a) Do notebooks containing the operation of the site need to be kept at the facility?
- b) The plant has trouble meeting ammonia limits. What types of actions can be taken to reduce the ammonia other than adding lime?

A review of the facility's compliance status during the period October 2005 through November 2007 indicates that few violations have occurred. Records show that there was an issue in August of 2007 with Total Suspended Solids meeting the limit requirements. Also, there was a code violation on 8/7/2007 for coliform, and a frequency violation for ammonia on 8/1/2007.

Please be advised that such violations are subject to appropriate enforcement actions pursuant to Chapter 6111 of the Ohio Revised Code. Such actions can result in the imposition of fines of up to \$10,000 per day of violation.

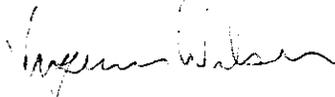
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Based on the inspection findings and the overall compliance record of the facility, Ohio EPA has determined that the facility is in substantial compliance. The following includes the actions that should be taken to address any Ohio EPA issues with the facility and the responses to the above noted questions.

- ❖ The waste material being dried along the side of the aeration plant should be collected in a container and not placed on the ground. Liquids can be routed back into the aeration tanks through piping.
- ❖ The filters should be checked to ensure that the required depth of sand in the filters is present.
- ❖ A copy of the contract with the new operator should be submitted to this office within 60 days from the date of this letter.
- ❖ A grease trap should be installed prior to the system to filter the wastewater coming from the market housed in the shopping center.
- ❖ Up-to-date records should be accessible on site for twenty-four hour inspection containing, at a minimum, the previous three months of data at all times. In addition, records should be maintained for at least three years.
- ❖ To address the ammonia issues, the facility may want to monitor the pH and alkalinity closely. The pH should be kept with 7-7.2. Soda ash or quick lime can be used as an additive. The flow should be routed to the aeration tanks as soon as possible and not kept in the equalization tank for an extended length of time. Sufficiently aerating the equalization basin will also help reduce the ammonia.

If there are any questions or comments regarding this notification, please contact me at (330) 963-1180.

Respectfully,



Virginia Wilson, P.E.  
Geological Engineer  
Division of Surface Water

VW/mt

File: Semi-Public/North Kingsville/North Kingsville Shopping Center