



**Environmental  
Protection Agency**

John R. Kasich, Governor

Mary Taylor, Lt. Governor

Scott J. Nally, Director

June 5, 2012

RE: NORTH KINGSVILLE SHOPPING CENTER  
NPDES PERMIT NO. 3PR00254  
NORTH KINGSVILLE VILLAGE, ASHTABULA  
COMPLIANCE EVALUATION INSPECTION

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

Dear Mr. Wolf:

On June 4, 2012, a site inspection was conducted at the above referenced facility at 6285 South Main Street (State Route 193), North Kingsville Village, Ashtabula County. The inspection was conducted by John Schmidt of this office. Roger Osburn represented Lewis Wastewater Services, your contract operator. No one represented North Kingsville Shopping Center. The purpose of the inspection was to evaluate the facility's compliance status with respect to the terms and conditions of the facility's National Pollutant Discharge Elimination System (NPDES) permit. The last compliance inspections were conducted on June 25, 2011 and November 1, 2011.

**Observations and Notations**

Following are observations and notations made during the inspection:

1. The plant is operated by Roger Osburn and Dustin Lewis of Clean Streams/Lewis Wastewater Management on your behalf. Mr. Osburn is the primary operator and Mr. Lewis is a backup operator. Clean Streams collects samples, performs laboratory analyses, and electronically submits the data to the electronic discharge monitoring report (eDMR) system.
2. Log books are maintained at the site. The log book information was found compliant with Ohio Administrative Code (OAC) 3745-7-09. The plant is currently seen twice weekly by the Operator of Record Certification (ORC). The NPDES permit, a copy of the ORC contract, and the operation and maintenance manual were not available for inspection.
3. The overall condition of the treatment plant during this inspection was satisfactory. Collected trash was containerized for disposal at a solid waste landfill.
4. Since the last inspection, the aeration tank has been compartmentalized and only half the tank was in operation. This appears to have improved the color, odor, and air in the aeration basin.
5. The content of the aeration tank had a dark brown color and good mixing. Sludge returns were a dark brown color with minimal foaming. This is an indication of a plant that may have old sludge to be removed. The blowers were cycled and found in operating condition. The alarms were tested and found in operating condition.

6. The surface of the southeast clarifier was clear. The skimmer and return lines were in proper operation. Effluent channels and weirs were clean.
7. The dosing tank pumps were cycled and found in operable condition. The alarms appear operational. A significant accumulation of grass clippings was noted in the dosing tank. Care should be taken to minimize the amount of grass, leaves, and other debris that enter the system. An option discussed with your operator is placing foam in the grate channels.
8. The sand bed distribution box was noted as leaking when the dosing pumps were activated. This needs to be corrected immediately. Mr. Osburn indicated that this may be due to a missing pipe clamp.
9. The sand filters were observed as reasonably clean; however, there appears to be some erosion that is occurring around the splash pads. This can be improved by placing large stone (i.e. brick size) on the splash pads to dissipate the discharge so that sheet flow occurs over the sand beds.
10. The UV system appears to be operating as designed. A significant accumulation of grass clippings was noted in the disinfection tank. Care should be taken to minimize the amount of grass, leaves, and other debris that enter the system. An option discussed with your operator is placing foam in the grate channels.
11. The final outfall was not evaluated due to a lack of flow.
12. Samples are collected by Mr. Osburn. Mr. Osburn performs on-site analysis of pH and DO and performs observations of flow, color, odor, and turbidity.
13. Clean Streams Laboratories provides the sample bottles and preservatives and performs laboratory analysis of collected samples.
14. Mr. Osburn submits the data to Ohio EPA's e-DMR system.
15. Ohio EPA notes that you have a new tenant, a lawnmower dealer, occupying a part of the plaza. No waste oils, solvents, or other industrial wastes are permitted to be discharged to the plant. Mr. Osburn indicated that there are no floor drains from this new tenant.
16. It is unknown when sludge was last removed from this plant. Sludge and trash should be removed from this plant at least annually, more frequently if warranted.

#### **NPDES Permit Compliance Review**

A review of the eDMRs received by Ohio EPA for the period April 1, 2011 through May 1, 2012 indicates the following apparent noncompliance of the terms and conditions of your NPDES permit as identified below:

#### **Limit Violations**

The following limit violation was noted for the reporting period reviewed.

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00400	pH	1D Conc	9.0	9.54	8/2/2011

Part III, Item 12 requires you (or your operator on your behalf) to notify Ohio EPA of permit violations. A written explanation as to why the above limit violations occurred must be provided along with measures to ensure that it is not repeated.

Reporting Violations

No reporting frequency or reporting code violations were noted for the reporting period reviewed.

Compliance Schedule

Based upon a review of Ohio EPA's files, the following is a compliance schedule summary as specified by your permit:

Permit Effective Date	Permit Expiration Date	Schedule Due Date	Completion Date	Event Code	Schedule Type	Schedule Milestone
03/01/2011	02/29/2016	09/01/2011	06/01/2012	95999	Other	E Coli Status Report
03/01/2011	02/29/2016	11/01/2011	N/A	---	Other	PTI for E Coli if needed
03/01/2011	02/16/2016	03/01/2012	08/02/2011	05699	Other	Achieve Final Limits E Coli

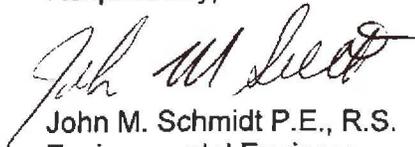
The status report for the ability of the existing plant to meet the proposed E Coli limits was received on June 1, 2012, while it was due by December 1, 2011. No additional information is needed to respond to the violation.

**Comment**

Sludge Reporting: A review of the annual sludge reports indicates that sludge has never been removed from the facility. Please verify that no sludge has ever been removed from the facility. If sludge was removed from the facility in any given year, it must be reported on the annual sludge report. Please amend any sludge reports to reflect actual sludge removal as applicable.

If you have any questions or comments regarding this inspection, please feel free to contact me at (330) 963-1175.

Respectively,



John M. Schmidt P.E., R.S.  
Environmental Engineer  
Division of Surface Water

JMS/cs

pc: Dustin Lewis, Lewis Wastewater Management  
Roger Osburn

File: SP/Ashtabula/North Kingsville./North Kingsville Shopping Center (3PR00254)