



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

May 24, 2013

RE: WILLIAM WASSON, RIDGE VIEW ESTATES
NPDES PERMIT NO. 3PW00034
ASHTABULA TOWNSHIP, ASHTABULA CO.
COMPLIANCE EVALUATION INSPECTION

Mr. William Wasson, Owner
Ridge View Estates
P.O. Box 356
North Kingsville, OH 44068

Dear Mr. Watson:

On May 23, 2013, a site inspection was conducted at the above referenced facility at 4419-4443 Erie Ridge Avenue, Ashtabula Township, Ashtabula County. The inspection was conducted by John Schmidt of this office, and Roger Osburn of Lewis Wastewater Management, contract operator, represented Ridge View Estates during the inspection. 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 inspection was conducted on May 14, 2012.

The design flow of the extended aeration plant is 10,000 gallons per day. The collection system consists of both a gravity system from the apartment complex located along the east side of Erie Ridge Avenue. The treatment system, located on the east side of Erie Ridge Avenue, consists of flow equalization, a trash trap, extended aeration tanks, clarification, lift station, surface sand filtration, chlorine disinfection, dechlorination, and post disinfection aeration. Sludge management of sludge removal from the aeration system and trash trap when needed to another publicly owned treatment works (POTW). The facility discharges to the Ashtabula River located on the southeast side of the facility through about 300 feet of piping. No backup power is provided to the facility, but the facility is provided with alarms.

Observations

Following are observations made during the inspection:

1. The plant is operated by Roger Osburn of Lewis Wastewater Management who also operates several other plants in the area on a contract basis. Dustin Lewis provides backup for Roger.
2. Log books, NPDES permit, contract, and the operation and maintenance manual are maintained at the site and were available for inspection. The log book was compliant with OAC 3745-7-09.
3. Collected trash was containerized for disposal at a solid waste landfill on a quarterly basis by Northeast Septic. The blowers and alarms were cycled and found in operable condition.

4. The pumps that serve the flow equalization basin were cycled and found in operable condition. The alarms were tested and found in operating condition. The equalization basin was found to be sufficiently aerated.
5. The content of the aeration tank had a slight septic odor, dark brown color with good mixing and some foam present. The blowers were cycled and found in operating condition. The blowers were running and the plant was receiving sufficient aeration. Mr. Osburn indicated that a header was recently repaired, and that the mixed liquor was still recovering from low oxygen conditions.
6. The clarifier was found to be clear, with some floating sludge. The skimmer was observed in operating condition. The effluent channel and weirs were reasonably clean.
7. The sand filter dosing pumps were found operating normally. The pumps were cycled and found in operating condition. The alarms were tested and found in operating condition.
8. The sand filters were not found in acceptable condition. The east bed was operating at the time of the inspection, and was found overflowing onto the ground. The west bed was dry but contained a significant accumulation of sludge. The flow was immediately diverted to the west bed. When the dosing pumps were cycled, water discharging to the west filter was observed as clear and percolated freely through the bed. While onsite, Mr. Osburn contacted Northeast Septic to have the east bed pumped down so that it could be cleaned.
9. The chlorine contact tank was found to be reasonably clean and stocked with the appropriate chlorination and dechlorination tablets. The discharge from the tank was observed as acceptable visual quality.
10. Sludge was removed from this facility on May 13, 2013.
11. The plant is operated by Roger Osborn and Dustin Lewis of Lewis Wastewater Management on behalf of the Ridge View Estates. Lewis Wastewater Management collects samples, performs laboratory analyses, and electronically submits the data to the electronic discharge monitoring report (eDMR) system.

NPDES Permit Compliance Review

A review of the eDMRs received by Ohio EPA for the period April 1, 2012 through April 1, 2013 indicates the following noncompliance of the terms and conditions of your NPDES permit.

Limit Violations

No limit violations are noted for the time period reviewed.

Reporting Violations

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

Compliance Schedule

No compliance schedule violations are noted for the time period reviewed.

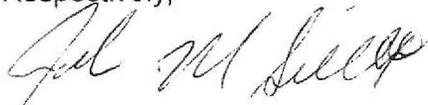
Other NPDES Violations

The following additional NPDES permit violations were noted during the inspection:

1. Failure to Maintain Engineered Components: Part III, Item 3 of your NPDES permit requires you to maintain your wastewater plant in proper working order. The sand beds were not found in proper working order. From discussions with Mr. Osburn, you were notified that the east bed was not draining properly. The source of the problem with the sand filters must be investigated. These sand filters may require sand replacement and replacement of the under drain system.
2. Failure to Report Unauthorized Discharges: Part III, Item 11 of your NPDES permit requires you to bypass or divert wastewater from the wastewater treatment works only if it is unavoidable to prevent loss of life, personal injury, or severe property damage. The discharge is also supposed to be reported as prescribed under Part III, Item 12. Please submit the required notification and the expected duration to this office as prescribed by your NPDES permit.

If you have any questions or comments regarding this notification, 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

cc: Dustin Lewis, Lewis Wastewater Management
Roger Osborne

File/SP/Ashtabula/Geneva Twp./Ridge View Estates 3PW00034

