



**Environmental
Protection Agency**

John R. Kasich, Governor

Mary Taylor, Lt. Governor

Scott J. Nally, Director

March 1, 2013

RE: ASHTABULA – ASHCRAFT WWTP
KINGSVILLE TWP., ASHTABULA COUNTY
OHIO EPA PERMIT 3PG00150
COMPLIANCE EVALUATION INSPECTION

Mr. Lawrence J. Meaney, Director
Ashtabula County Department of Environmental Services
36 West Walnut Avenue
Jefferson, OH 44047

Dear Mr. Meaney:

On February 28, 2013 a site inspection was conducted at the above referenced facility located at 6023 Green Road, Kingsville Township, Ashtabula County. The inspection was conducted by John Schmidt of this office. Mark Verzella and Todd Bort represented Ashtabula County Department of Environmental Services (ACDES). 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 March 19, 2012.

The system consists of screening (at the old WWTP adjacent to the nursing home) grit removal, lift station, comminutor/bar screen, equalization basin, aeration tanks, clarification, sand filtration, UV disinfection, and post disinfection aeration. Sludge management consists of sludge holding tanks, aerobic digestion and settling tanks, and sludge drying beds, with sludge placed into a covered dumpster or stockpiled on a concrete pad for off-site disposal at a solid waste disposal facility. The facility discharges to an unnamed tributary to Lake Erie adjacent to the north side of the facility. Generators provide backup power to the entire facility.

Observations

Following are observations made during the inspection:

1. The operators or record for this facility are listed as Mark Verzella, Barry French, Tim Zimmerman, Larry Severino, and David Kaplan, of ACDES. The primary operator at this facility is Todd Bort of ACDES, who also operates the Holiday Camplands WWTP. The ORC should be revised to reflect the primary operators of this facility.
2. Log books, contract, a copy of the NPDES permit, and the operation and maintenance manual are maintained at the site and were available for inspection. The information maintained at the site was found compliance with OAC 3745-7-09
3. The overall condition of the treatment plant during this inspection was satisfactory with the plant well kept.
4. The comminutor motor was rebuilt in October 2012 and was operating properly. The bar screens were found in acceptable condition. Screenings are containerized for disposal at a solid waste landfill.

5. The blowers of the EQ tank were cycled and found operational. The tank was receiving sufficient air.
6. The content of the aeration tank had good color and mixing. The blowers were cycled and found operational. Sludge returns were a chocolate brown color, with minimal foaming.
7. The surface of the clarifier was clear. The effluent trough was clean and there was no scum around the effluent baffle or the trough. The weirs and effluent channels are scrubbed weekly.
8. The east tertiary filter was rebuilt in 2012. The effluent discharged to the sand filter during the inspection was clear and free of color and turbidity. The wastewater percolated freely through the sand indicating that the beds were not clogged.
9. The final effluent sampler is maintained at the proper temperature and collects a flow proportional sample.
10. The blowers to the sludge holding and thickening tanks were cycled and found operational. Sludge was noted as well aerated and a chocolate brown color. Some tanks were decanting during the inspection.
11. The WWTP laboratory performs monitoring of pH, temperature, dissolved oxygen, and screening for ammonia-nitrogen. ACDES contracts with Microbac Laboratories of Meadville, PA remaining parameters and quality assurance samples from the WWTP laboratory.
12. The final effluent was of acceptable visual quality, as observed in the manhole north of the plant. The final outfall was submerged.

NPDES Permit Compliance Review

A review of the electronic discharge self-monitoring reports (eDMRs) received by Ohio EPA for the period February 1, 2012 through February 1, 2013 indicates apparent noncompliance of the terms and conditions of your NPDES permit.

Limit Violations

The following effluent violation is noted for the time period reviewed:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00610	Nitrogen, Ammonia (NH3-N)	7D Qty	0.91	1.26987	2/22/2012

Part III, Item 12 of your NPDES permit requires you to notify Ohio EPA of the violations, along with measures taken to ensure that they are not repeated. To-date Ohio EPA has not received this notification, along with measures to ensure that it not repeated.

Reporting Violations

No reporting violations were noted for the time period reviewed.

Compliance Schedule

Your new permit, effective January 1, 2011 as modified on February 16, 2011, contains the following milestones:

Permit Effective Date	Permit Expiration Date	Schedule Date	Due Completion Date	Event Code	Schedule Type	Schedule Milestone
1/1/2011	12/31/2015	10/1/2011	11/30/2011	95999	Other	E. Coli Status Report
1/1/2011	12/31/2015	10/1/2011	N/A	-----	Other	Submit PTI if Needed
1/1/2011	12/31/2015	1/1/2012	N/A	-----	Other	Achieve Final Limits

As milestones have been completed, no further information is needed at this time.

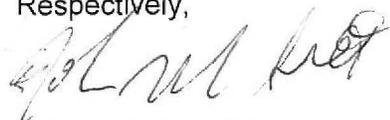
SSO Annual Reporting

ACDES is reminded that annual reporting for SSOs is due to this office no later than March 31, 2012 as prescribed by Part II, Item D of your NPDES permit.

Please provide updated ORC notification forms to identify Mr. Bort as an operator of this facility, as well as to correct name misspellings of other operators. A courtesy copy should be provided to this office.

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

File: Public WW/Municipal/ASH Ashcraft WWTP (Ashtabula Co.)/PC