



**Environmental
Protection Agency**

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

March 15, 2011

RE: ATB – HOLIDAY CAMPLANDS WWTP
ANDOVER TOWNSHIP, ASHTABULA CO.
OHIO EPA PERMIT 3PH00029*FD
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 March 10, 2011, a site inspection was conducted at the above referenced facility at 4273 North Pymatuning Lake Road, Andover Township, Ashtabula County. The inspection was conducted by John Schmidt of this office. Mark Verzella 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 February 3, 2010.

The system consists of screening grit removal, comminutor, influent pump station, flow equalization basin, aeration tanks, clarification, dual-unit rapid anthracite filtration, chlorination disinfection, dechlorination, and post disinfection aeration. Sludge management consists of sludge holding tanks, aerobic digestion and sludge drying beds. Dried sludge is hauled for disposal at a solid waste disposal facility. The facility discharges to Gravel Run Creek adjacent to the south side of the facility. Permanent generators maintained at the Holiday Camplands WWTP provide backup power to the facility.

Observations

Following are observations made during the inspection.

1. The overall condition of the treatment plant during this inspection was satisfactory with the plant well kept. The alarms were cycled and found in operating condition.
2. The facility is operated by Tim Zimmerman of ACDES, who also operates the Ashcraft WWTP.
3. The comminutor replaced a previous comminutor in the fall of 2009. Screenings and grit are containerized for disposal at a solid waste landfill.

4. The bubbler in the lift station was replaced by a mercury float switch in 2010.
5. The influent sampler is maintained at the proper temperature and collects a flow proportional sample.
6. All flow is diverted to a 50,000 gallon flow equalization basin. The blowers operate on a timer and were not on at the time of the inspection.
7. The content of the aeration tank had good color and mixing. Sludge returns were a chocolate brown color, with minimal foaming. The surface of the clarifier was clear. Return sludge lines were in operating condition. Ferric Chloride is added to aid Phosphorus removal in warmer weather, but was not in operation at the time of the inspection.
8. The effluent trough was in good condition and there was no scum around the effluent baffle or the trough. A small amount of float was observed on the clarifiers.
9. The up-flow anthracite filters were reasonably clean. The effluent discharged to the sand filters 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.
10. Sludge beds are used for sludge dewatering prior to being hauled to farmers fields for land application.
11. The final effluent sampler is maintained at the proper temperature and collects a flow proportional sample.
12. The former chlorine contact tank is only a pass-through device.
13. 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.
14. Log books and the operation and maintenance manuals are maintained at the site and were available for inspection.
15. The final effluent was of acceptable visual quality, as observed in the last manhole along North Pymatuning Lake Road.

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NPDES Permit Compliance Review

ACDES operates the Holiday Camplands WWTP under NPDES Permit No.3PH00029*FD. A review of the electronic discharge self-monitoring reports (eDMRs) received by Ohio EPA for the period February 1, 2010 through February 1, 2011 indicates apparent noncompliance of the terms and conditions of your NPDES permit as follows:

Limit Violations

The following effluent violations are noted for the time period reviewed:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	31616	Fecal Coliform	7D Conc	2000	2446.63	5/8/2010
001	00610	Nitrogen, Ammonia NH3	30D Conc	2.0	7.315	6/1/2010
001	00610	Nitrogen, Ammonia NH3	7D Conc	3.0	27.6	6/1/2010
001	00610	Nitrogen, Ammonia NH3	30D Qty	1.1	1.24965	6/1/2010
001	00610	Nitrogen, Ammonia NH3	7D Qty	1.7	4.68008	6/1/2010
001	00610	Nitrogen, Ammonia NH3	7D Conc	3.0	6.3	7/8/2010
001	31616	Fecal Coliform	7D Conc	2000	4300.	7/22/2010

ACDES provided Ohio EPA with a response to the exceedences on May 8, 2010, June 1, 2010, July 8, 2010, and July 22, 2010 in responses dated May 17, 2010, June 16, 2010, July 19, 2010, and August 5, 2010. No additional response is required to respond to the violations.

During the inspection, Mr. Verzella indicated that ACDES was pursuing an Ohio Public Works Commission (OPWC) grant to convert the existing chlorination disinfection system to ultraviolet disinfection, and that you plan to submit a permit-to-install for this work in the Spring of 2011.

Reporting Violations

No reporting violations were noted for the time period reviewed.

Compliance Schedule

Your new permit, effective October 1, 2010, contains the following milestones:

Permit Effective Date	Permit Expiration Date	Schedule Due Date	Due Completion Date	Event Code	Schedule Type	Schedule Milestone
1/1/2011	12/31/2015	7/1/2011		95999	Other	E. Coli Status Report
1/1/2011	12/31/2015	10/1/2011		-----	Other	Submit PTI if Needed
1/1/2011	12/31/2015	7/1/2011		95999	Other	E. Coli Status Report
1/1/2011	12/31/2015	1/1/2012		05699	Other	Achieve Final Limits

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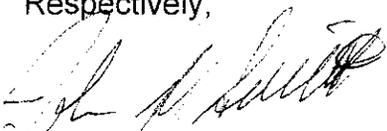
Permit Effective Date	Permit Expiration Date	Schedule Due Date	Completion Date	Event Code	Schedule Type	Schedule Milestone
1/1/2011	12/31/2015	7/1/2011	1/31/2011	-----	Other	Evaluate Unsanitary Conditions
1/1/2011	12/31/2015	1/1/2012	N/A	-----	Plans	Submit detail Plans if Needed
1/1/2011	12/31/2015	7/1/2012	N/A	-----	Construction	Advertise for Bids if Needed
1/1/2011	12/31/2015	7/1/2013	N/A	-----	Construction	Complete Construction
1/1/2011	12/31/2015	7/1/2013	N/A	-----	Construction	Achieve Final Limits

As of the date of this inspection, none of the compliance milestones are due. ACDES is reminded of its obligations to submit required information by the assigned milestones as prescribed by your NPDES permit.

Based upon the inspection findings and the overall compliance record of the facility, ACDES is considered to be in substantial compliance with the terms and conditions of its NPDES permit for the Holiday Camplands WWTP.

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/mt

File: Municipal/ASH Holiday Camplands WWTP (Ashtabula Co.)/PC