



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.
Twinsburg, Ohio 44087

TELE: (330) 963-1200 FAX: (330) 487-0769
www.epa.state.oh.us

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

September 23, 2009

RE: WAYNE COUNTY
WAYNE COUNTYAIRPORT
NPDES# 3PG00132

Wayne County Sewer
Mr. Terry West
428 West Liberty Street
Wooster, OH 44691

Dear Mr. West:

On September 2, 2009, this writer met with you to conduct an inspection of the sewage treatment plant serving the Wayne County Airport. The intent of the inspection was to evaluate operations and maintenance of the treatment system prior to drafting the next NPDES permit.

At the time of the inspection, the treatment plant was producing what appeared to be a satisfactory quality effluent. Overall, the plant appeared to be in good operation. The following is a summary of the inspection, compliance history and review of the NPDES permit application:

- 1) The trash trap was in satisfactory condition and is cleaned out 3 to 4 times per year. The aeration tank contained a liquid that was a lighter brown color. The aeration tanks were provided with an adequate supply of air with satisfactory rollover within the tank. The sludge return lines were returning a light colored liquid and the clarifier had no skimmer present (the tank was not designed with one).
- 2) The pyrodecking in the fixed media clarifiers were in satisfactory condition. There was some minor accumulation of solids in the effluent weir. The sand filters were in satisfactory condition and the media was raked clean. At the time of the inspection, the date of the last media replacement was not known and the media appeared to be a darker color on the upper layers. Upon further raking to lower layers, the lighter newer sand was unearthed. As such, this office recommends the sand filters be completely raked over to reveal the cleaner sand within two weeks of the date of this letter. In addition, replacement sand must be provided within 30 days of the date of this letter to replace the older sand.
- 3) The chlorination tank was in satisfactory condition and the tank appeared clear. The dechlorination tank, located outside the fenced in area, was in satisfactory condition. The dechlorination tank was swiped by lawn mowing equipment recently. It is understood there was no damage caused to the treatment unit. However, because the treatment unit currently is not protected from future occurrences, this office recommends the fence be extended to encompass the dechlorination tank. This must be completed 60 days from the date of this letter.
- 4) A summary of wastewater treatment plant discharge and frequency violations for the period of January 1, 2007 through September 1, 2009, has been attached to this letter. Please review all plant data to ensure the violations are accurate. Your facility is in non-compliance for discharge and frequency violations. Any reporting errors or eDMR errors must be reported to the Ohio EPA so the error can be resolved. You may contact Mr. James Roberts of this Agency's Central Office at (614) 644-2054 to discuss this issue directly
- 5) During the inspection, the airport activities conducted on the site were evaluated. Please be aware, airports are industrial activities subject to Storm Water permitting requirements. It is understood Wayne County owns the Airport. As such, the Storm Water permit requirements will be included in the renewal NPDES permit. Please note, upon being drafted, the renewal NPDES permit will contain Parts 4, 5 and 6 which will require the Airport to develop a Storm Water Pollution Prevention Plan (SWP3) for the facility and initiate Best Management Practices (BMP's) at the site.

It is understood the airport currently does not de-ice planes at the facility and all maintenance is conducted offsite. The Airport does wash airplanes at the site and there is fuel storage in designated areas with appropriate spill containment. It is not known whether an appropriate spill response plan exists at the facility. It is also not known whether the trench drains are tied into the wastewater treatment plant. The SWP3 must address these items. However, this office is requesting the trench drains be dye tested to ensure there is not a tie in to the wastewater treatment plant. Please conduct a dye test of the trench drains and submit results to this office within 30 days of the date of this letter.

The BMP's for the Airport would include fuel management during the fueling of planes, interior drain management during plane storage and washing and anything else that the Airport may deem necessary to prevent storm water runoff and wastes from leaving the site.

A guide to developing the SWP3 is available on our web site at http://www.epa.ohio.gov/dsw/storm/const_SWP3_check.aspx and http://www.epa.ohio.gov/dsw/storm/industrial_index.aspx#Industrial%20General%20Permit.

In Summary, this office is requesting the following items be submitted with the following timeline:

- a) Replace the surface sand filter media within 30 days of the date of this letter. Please note, the media must be replaced with Ohio EPA approved sand with an effective size between 0.4 and 1.0 mm, and uniformity coefficient not greater than 3.0.
- b) Provide fencing around the dechlorination tank within 60 days of the date of this letter.
- c) Within 30 days of the date of this letter, conduct a dye test of the trench drains in the airport hangers and submit results to this office.

The renewal NPDES permit for this facility is being drafted and will be public noticed in the near future. You will have 30 days from the date of the public notice to submit comments to Ohio EPA regarding the draft permit. If you have any questions or comments regarding this letter, please contact this office at (330) 963-1299.

Respectfully,



Laura A. Weber, P.E.
Environmental Engineer
Division of Surface Water

LAW:bo

enclosure: Violation Summary

pc: Wayne County Commissioners – Same Address
Wayne County Health Dept., Attn: Phillip Gnacinski

File: Public/Wayne County Airport/PC Vol2

Reporting Violations:

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
June 2007	001	Chlorine, Total Residu	1D Conc	0.019	.1	6/21/2007
June 2008	001	Chlorine, Total Residu	1D Conc	0.019	.08	6/19/2008
June 2009	001	Chlorine, Total Residu	1D Conc	0.019	.43	6/18/2009
August 2007	001	Fecal Coliform	30DConc	1000	4500.	8/1/2007
August 2007	001	Fecal Coliform	7D Conc	2000	4500.	8/15/2007
June 2009	001	Total Suspended Solids	30DConc	12	19.6	6/1/2009
June 2009	001	Total Suspended Solids	30D Qty	0.07	.07419	6/1/2009
June 2009	001	Total Suspended Solids	7D Conc	18	19.6	6/15/2009

Frequency Violations:

Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
November 2007	001	Water Temperature	1/Week	1	0	11/22/2007
November 2007	001	Color, Severity	1/Week	1	0	11/22/2007
November 2007	001	Odor, Severity	1/Week	1	0	11/22/2007
November 2007	001	Turbidity, Severity	1/Week	1	0	11/22/2007
March 2008	001	Total Suspended Solids	1/Quarter	1	0	03/01/2008
March 2008	001	CBOD 5 day	1/Quarter	1	0	03/01/2008
January 2009	001	Water Temperature	1/Week	1	0	01/01/2009
January 2009	001	Color, Severity	1/Week	1	0	01/01/2009
January 2009	001	Odor, Severity	1/Week	1	0	01/01/2009
January 2009	001	Turbidity, Severity	1/Week	1	0	01/01/2009



State of Ohio Environmental Protection Agency

50 West Town Street Suite 700- Post Office Box 1049
Columbus, Ohio 43216-1049 614 644-2050

May 04, 2009

RE: Renewal of OEPA Permit No. 3PG00132*DD
App. No. OH0092207
Expiring Feb-28-2010

Wayne Co Airport
428 W Liberty St
Wooster , OH 44691

Dear Environmental Dept. Representative:

Enclosed is one copy of Form 1 ,2A and 2S applications for renewal of your National Pollutant Discharge Elimination System (NPDES) permit. If the facility discharges storm water associated with industrial activity, excluding construction and that wastestream is to be authorized by the renewal permit then you must also submit a Form 2F. If a different form is needed it may be obtained by calling (614) 644-2156 or by going to the Ohio EPA website <http://www.epa.state.oh.us/dsw/permits/npdesform.html>.

In the space provided for "EPA I.D. number" in the application, use the NPDES number, which for your permit, is 3PG00132 . File two paper copies of the application with the appropriate Ohio EPA District Office - Northeast District Office 2110 East Aurora Rd, Twinsburg, OH 44240. Do not file the paper application with the U.S. EPA.

Filing of this application for the NPDES permit does not relieve you of the responsibility of filing applications for other permits that may be appropriate. Regulation requires this application to be signed only by the person authorized as described in the instructions Section B, Form 1. The application must be received by the Ohio EPA no later than 180 days prior to the expiration date of your permit, unless the permit contains an earlier submittal date.

Revised Code 3745.11 requires that a non-refundable application fee of \$200.00 accompany the application. The check should be made payable to the "Treasurer of the State of Ohio".

In order to address issues related to OAC 3745-1-05 (Antidegradation Rule), also complete and submit the enclosed antidegradation addendum.

Should there be any questions regarding this matter, please feel free to contact the Northeast District Office at 330-963-1200.

Sincerely

Patti L. Smith, Supervisor
Permit Processing Unit
Division of Surface Water

Certified Mail

Enclosures: Antidegradation , Form 1 ,2A and 2S

cc: DSW- NEDO, Wayne County Contact

RECEIVED

MAY 06 2009

OHIO EPA NEDC