



**Environmental
Protection Agency**

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

Re: **Notice of Violation**
Fulton County
Airport Industrial Park
NPDES Permit

August 24, 2012

Mr. Ziad Musallam, P.E.
Fulton County Sanitary Engineer
152 South Fulton Street, Suite 240
Wauseon, Ohio 43567

Dear Mr. Musallam:

On August 8, 2012, Mr. Judson Delancey and I conducted an operation and maintenance inspection of the wastewater treatment facilities serving the Airport Industrial Park. Mr. Rick Meiring, Operator, was present and provided operation and maintenance information. The Airport Industrial Park is located at 9460 County Road 14, Wauseon. The discharge observed at the clarifier weir was clear with no noticeable odor.

Reasons for the inadequate sludge production in the plant continue to be investigated. The operator believes a chemical or cleaning solution is being discharged into the treatment system and hindering the biological growth. An investigation should be completed on the discharges of the sewage users to identify potential sources that are hindering the biological growth. The establishment and continued growth of a biological community is essential to meet the final effluent limits.

A review of the discharge monitoring reports (DMRs) from January 2012 to August 2012 shows that there have been several National Pollutant Discharge Elimination System (NPDES) effluent limit violations. The specific instances of non-compliance are enclosed on a separate sheet. Further review of your self-monitoring reports for the previous six months, ending in July 2012, indicates that you are in significant non-compliance (SNC) with an effluent limit contained in your NPDES permit. The specific instance of SNC is enclosed on a separate sheet. **Please inform this office in writing within 21 days as to the reasons for the above referenced violations, as well as a description of the actions taken or proposed to prevent any further violations.** Your response should include the dates, either actual or proposed, for completion of the actions.

Please be advised that failure to comply with the effluent limitations and/or monitoring requirements, including adequate laboratory controls, appropriate quality assurance procedures, and records retention, as specified in your Part III-General conditions of your NPDES permit may be cause for enforcement action pursuant to Ohio Revised Code, Chapter 6111. If these violations continue to occur and if satisfactory progress is not made, it may be necessary to initiate enforcement action to achieve compliance.

If you have any questions or comments please contact me at (419) 373 – 3053.

Sincerely,

Ryan Gierhart
Division of Surface Water

/jlm

Enclosures

pc: Fulton County Commissioners

ec: Tracking

Get New
Data

Get Detail
for Selected
Permit

Facilities in Significant Non-Compliance **

Period: Feb-12 Jul-12

County	Permit #	Facility Name	Major	Station Code	Param Code	Parameter Name	Max % Exceed	# Months Signif Exceed (1)**	# Months Exceed (2)**
Fulton	2PG00110	Airport Industrial Park		1	00610	Nitrogen, Ammonia (NH3)	400.6	2	3

Get New Data								
Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PG00110*DD	May 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	11.0	13.9	5/1/2012
2PG00110*DD	May 2012	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	16.6	17.4	5/1/2012
2PG00110*DD	June 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	11.0	16.2	6/1/2012
2PG00110*DD	July 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	11.0	55.0666	7/1/2012
2PG00110*DD	July 2012	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	16.6	56.8	7/1/2012
2PG00110*DD	July 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.21	.4598	7/1/2012
2PG00110*DD	July 2012	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	16.6	54.6	7/8/2012
2PG00110*DD	July 2012	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	16.6	53.8	7/15/2012
2PG00110*DD	July 2012	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.31	1.14849	7/15/2012



State of Ohio Environmental Protection Agency
Northwest District Office

NPDES Compliance Inspection Report
Semi-Public Sewage Disposal Inspection Form

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
2PG00110	OH0122432	8/8/2012	C	S	2

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Airport Industrial Park 9460 C.R. 14 Wauseon, OH 43567	10:00 am	June 1, 2011
	Exit Time	Permit Expiration Date
	10:30 am	May 31, 2016
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Mr. Rick Meiring – Plant Operator	(419) 337 – 9263	
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
Mr. Rick Meiring – Plant Operator	(419) 337 – 9263	
Name, Address and Title of Responsible Official	Phone Number	
Fulton County Commissioners 152 South Fulton Street Suite 270 Wauseon, OH 43567	(419) 337 – 9263	

Ohio EPA Inspector		Ohio EPA Reviewer	
	8/21/12		8/21/12
Ryan Gierhart Environmental Specialist II Division of Surface Water Northwest District Office	Date	Thomas Poffenbarger, P.E. Water Quality Engineer II/Unit Supervisor Division of Surface Water Northwest District Office	Date

Average Daily Design Flow:	5,000 gallons/day
Plant Serves:	Airport and industrial park
Average Daily Flow: (Period of Review):	3,510 gallons/day (7/1/2011-7/1/2012)
Method of flow monitoring:	Hour meter on influent pumps
Type of alarms for plant:	None

Pretreatment

Type of Pretreatment: **Trash Trap**
 Does the Trash Trap need pumped: **No**
 Maintenance of pretreatment components is: **Good**

Comments/Status:

Trash trap and pump station were pumped out a week ago.

**Secondary Treatment
(Aeration)**

Color of sludge: **Other**
 Quality of Sludge: **Thin**
 Foam: **None present**
 Odor: **No objectionable odor present**

	Yes	No		Yes	No
Aeration is taking place	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plant is septic	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Blowers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Blowers are on a timer	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Skimmers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plant is flooded	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Diffusers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Grating is present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sludge return is operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>			

Maintenance of aerating equipment is...**Fair**

Comments/Status:

Sludge return appeared clear. Very little solids and biological growth are built up in the system. When clarifier walls were scraped a black septic sludge was returned. It is believed that a chemical or cleaning solution is being dumped into the system and killing off the biological growth. It was also noted that 1 1/2" inches of rain occurred over a week ago and may have washed solids out of the system.

**Secondary Treatment
(Settling)**

Clarity: **Clear**

Condition of Weir: **Clean**
 Weir is level: **Yes**
 Effluent in weir: **Light Solids**
 Clarifier walls need scraped: **No**

Overall maintenance of settling components is: **Fair**

Comments/Status:

Very little flow was going over the weir during the inspection.

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: Slow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Subsurface	<input type="checkbox"/>	<input type="checkbox"/>
Distribution box operating	<input type="checkbox"/>	<input type="checkbox"/>	Beds alternated	<input type="checkbox"/>	<input type="checkbox"/>
Are filters ponding/flooding	<input type="checkbox"/>	<input type="checkbox"/>	Beds raked	<input type="checkbox"/>	<input type="checkbox"/>
Sand filters overgrown	<input type="checkbox"/>	<input type="checkbox"/>	Chlorination present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UV present	<input type="checkbox"/>	<input type="checkbox"/>	Dechlorination present	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Overall maintenance of components is: **Fair**

Comments/Status:

WWTP does not have a tertiary treatment device.

Sludge Handling/Storage Disposal

Hauler name: Lyons Septic
 Disposal Site: Delta WWTP
 Sludge wasted from: Clarifier
 How often is sludge wasted: As needed
 Sludge drying beds: **No** Sludge holding tank: **No**

Overall maintenance of components is: **Fair**

Plant Discharge

Discharge point is a: **Ditch**
 Name of discharge point: **South Branch of Bad Creek**
 Discharge is visible: **N/O** Quality of Effluent: **Cloudy**

Comments/Status:

Discharge was cloudy as observed in Dechlorination tank.