



**Environmental
Protection Agency**

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director

Re: Fulton County
Airport Industrial Park
NPDES Permit

September 8, 2010

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

Dear Mr. Musallam:

On August 31, 2010, an operation and maintenance inspection was made of the wastewater treatment facilities serving the Airport Industrial Park. Mr. Rick Meiring was present and provided operation and maintenance information. The Airport Industrial Park is located at 9460 C.R. 14, Wauseon. The discharge observed at the dechlorination tank was clear with no noticeable odor.

There appeared to be very little active sludge in the aeration tanks. The sludge return line from the clarifier was running clear. A letter dated July 7, 2010, from Leon Smith stated that the recent suspended solids violations were believed to be from the solids washing out from rain events in May and July. It appears that the plant has an inflow and infiltration (I&I) problem. The I&I issues should be addressed by investigating the sources and eliminating them. The County should evaluate if there are any clean water connections into the system and check the collection system for potential leaks.

A review of the discharge monitoring reports (DMRs) from August 2009 to August 2010 shows that there have been several NPDES effluent limit violations. The specific instances of noncompliance are attached on a separate sheet.

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

Sincerely,

Ryan Gierhart
Division of Surface Water

/cs

Enclosures

pc w/enc.: Fulton County Commissioners
Rick Meiring
NWDD-DSW-File

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PG00110*CD	June 2010	001	00530	Total Suspended Solids	30D Conc	30	32.	6/1/2010
2PG00110*CD	June 2010	001	00530	Total Suspended Solids	30D Qty	0.57	.64969	6/1/2010
2PG00110*CD	July 2010	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	11.0	14.7	7/1/2010



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	08/31/2010	C	S	1

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	March 1, 2006
	Exit Time	Permit Expiration Date
	10:30 am	February 28, 2011
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	
<i>Ryan Gierhart</i>	9-7-2010	<i>Elizabeth A. Wick</i>	9/3/10
Ryan Gierhart Environmental Specialist II Division of Surface Water Northwest District Office	Date	Elizabeth A. Wick, P.E. Water Quality Engineer 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)	5,256 gallons/day (8/1/09-8/1/10)
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:

Pumped as needed.

**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...**Good**

Comments/Status:

Sludge return appeared clear.

**Secondary Treatment
(Settling)**

Clarity: **Cloudy**
 Condition of Weir: **Clean**
 Weir is level: **Yes**

Effluent in weir: **Clear**
 Clarifier walls need scraped: **No**

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

Comments/Status:

Contents in clarifier appeared cloudy.

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: Slow	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>
UV present	<input type="checkbox"/>	<input type="checkbox"/>	Dechlorination present	<input type="checkbox"/>	<input type="checkbox"/>

Overall maintenance of components is: **Good**

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: **Good**

Comments/Status:

Plant Discharge

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

Comments/Status:

Clear and colorless as observed in Dechlorination tank.