



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

Re: **Notice of Violation**
Fulton County
Pleasant View Subdivision
NPDES Permit

September 9, 2013

Mr. Ziad Musallam, P.E., Director
Fulton County Public Utilities
9306 County Road, Suite A
Wauseon, Ohio 43567

Dear Mr. Musallam:

On August 29, 2013, Justin Williams and I conducted an inspection at the wastewater treatment facilities serving the Pleasant View Subdivision. Mr. Randy Mahlman was present and provided operation and maintenance information. The Pleasant View Subdivision is located at 3214 Circle Drive, Delta. The discharge observed at Bad Creek was clear with no noticeable odor. As part of the inspection, a process control flow chart and process control equipment were used. Comments on the results of the process control equipment can be found on the enclosed inspection sheet.

A review of the discharge monitoring reports (DMRs) from February 2013 to August 2013 shows that there has been one National Pollutant Discharge Elimination System (NPDES) permit effluent limit violation. The specific instance of non-compliance is enclosed on a separate sheet.

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

Sincerely,

Ryan Gierhart, P.E., R.S.
Division of Surface Water

/jlm

Enclosures

pc: Fulton County Commissioners
ec: Tracking

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PG00109*CD	March 2013	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	4.0	4.43	3/1/2013

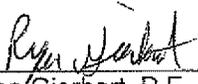
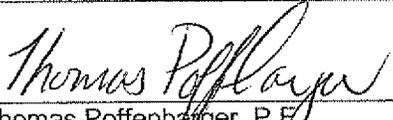


State of Ohio Environmental Protection Agency
Northwest District Office

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
2PG00109	OH0122424	08/29/2013	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Pleasant View Subdivision 3214 Circle Drive Delta, OH 43515	9:55 am	April 1, 2011
	Exit Time	Permit Expiration Date
	10:30 am	March 31, 2016
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Mr. Randy Mahlman – Plant Operator	419-388-5200(Cell)	
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
Mr. Randy Mahiman – Plant Operator	419-388-5200	
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
 Ryan Gierhart, P.E., R.S. Environmental Specialist II Division of Surface Water Northwest District Office	 Thomas Poffenberger, P.E. Water Quality Engineer II/Unit Supervisor Division of Surface Water Northwest District Office
9-6-13 Date	9/4/13 Date

Process Control Reporting Sheet

Date: 8/29/13

Facility: Pleasant View 2PG00109

Design Flow: 20,000 gpd

Conversion

Clarifier effluent Ammonia >8 mg/l Aeration tank effluent ammonia >8 mg/l

Alkalinity 400 mg/l Temperature >10 °C Aeration tank Dissolved Oxygen (D.O.) _____ mg/l

Comments: Based on the ammonia levels nitrification does not appear to be occurring in the aeration tank. The alkalinity is above the recommended level needed for nitrification. D.O. was not evaluated during the inspection. The D.O. should be measured and at least a 2.0 mg/l should be maintained. It was noted that the aeration system is set up on a timer. The operator decided to increase the aeration in the system.

Separation

Settlemeter

(5mins) 980 ml (10mins) _____ ml (15mins) _____ ml (20mins) _____ ml (25 mins) _____ ml
(30mins) _____ ml

50/50 settle (2 mins) 950ml

Comments: The sludge did not settle below the recommended level of 800 ml in the 5 minute settleometer test. A 50/50 sample of clarifier effluent and aeration tank sludge did not settle below the recommended 800 ml in the 2 minute test. It appears the plant has a filamentous bacteria problem.

Core Sampler

sludge depth 7.0 ft 70% of side water depth

Comments: The sludge depth in the clarifier was 70% of the total depth. The recommended sludge depth is 30% in the clarifier. The RAS rate should be evaluated and correcting the filamentous problem may help maintain a smaller sludge blanket.

Centrifuge Spin 15 min

RAS % _____ (target double the aeration basin%)
Aeration tank % _____ (range 2% to 4%)

Comments: A centrifuge spin was not performed.