



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

Re: Fulton County  
Delta WWTP  
NPDES Permit

September 10, 2013

Mr. Derek Allen  
Village Administrator  
Village of Delta  
401 Main Street  
Delta, Ohio 43515

Dear Mr. Allen:

On September 5, 2013, I conducted an inspection of the Delta Wastewater Treatment Plant (WWTP). Mr. Gary Haydel, Plant Superintendent, and Mr. Curtis Wells, Operator, were present and provided information concerning operation and maintenance of the facility. All treatment units were in operation during the inspection and the effluent observed discharging into Bad Creek was clear, colorless, and had no noticeable odor.

A review of the discharge monitoring reports (DMRs) from December 2012 to September 2013 shows that there has been one effluent limit violation. The specific instance of non-compliance is enclosed on a separate sheet. An email from Mr. Scot Johnston on June 6, 2013, indicated that the violation was due to the chlorine system failing to feed the correct dosage.

The completed inspection report is enclosed. If you have any questions, please contact me at (419) 373 – 3053.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ryan Gierhart', written in a cursive style.

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

/jlm  
Enclosures  
pc: Mayor and Council  
ec: Tracking

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Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PB00003*MD	May 2013	001	31648	E. coli	7D Conc	.362	3789.07	5/15/2013



State of Ohio Environmental Protection Agency  
Northwest District Office

NPDES Compliance Inspection Report

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
2PB00003	OH0020974	09/05/2013	R	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of Delta WWTP 516 Locust Street Delta, OH 43515	1:00 pm	February 1, 2013
	Exit Time 2:00 pm	Permit Expiration Date January 31, 2018
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Mr. Gary Haydel, Superintendent Mr. Curtis Wells, Operator	(419) 822 - 3244 (WWTP) (419) 822 - 5168 (Fax)	
Name, Address and Title of Responsible Official	Phone Number	
Mayor and Council Village of Delta 401 Main St. Delta, OH 43515	(419) 822 - 5300 (419) 822 - 3190	

Section C: Areas Evaluated During Inspection					
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)					
S	Permit	N	Flow Measurement	N	Pretreatment
S	Records/Reports	N	Laboratory	N	Compliance Schedule
S	Operations & Maintenance	S	Effluent/Receiving Waters	N	Self-Monitoring Program
S	Facility Site Review	N	Sludge Storage/Disposal	N	Other
N	Collection System				

Section D: Summary of Findings (Attach additional sheets if necessary)	
<p>Performed walk through of plant with new superintendent Mr. Gary Haydel</p> <p>All 3 SBRs were operation. The Aerated Grit chamber air was turned off while the aerated sludge digestion tank was being decanted back through the plant.</p> <p>Discharge flow into Bad Creek was clear with no noticeable odor.</p>	
Inspector	Reviewer
 Ryan Gierhart, P.E., R.S. Environmental Specialist II Division of Surface Water Northwest District Office	 Thomas Poffenbarger, P.E. Water Quality Engineer II/Unit Supervisor Division of Surface Water Northwest District Office
9/9/13 Date	9/6/13 Date

F. GUIDE - VISUAL OBSERVATION - UNIT PROCESS

RATING CODES: S = Satisfactory; U = Unsatisfactory; M = Marginal; IN = In Operation; OUT = Out of Operation

CONDITION OR APPEARANCE		RATING	COMMENTS
General	Grounds	S	
	Buildings	S	
	Potable Water Supply Protection	S	Backflow preventer.
	Safety Features	S	Fencing and guard rails.
	Bypasses	NA	
	Stormwater Overflows	NE	Not evaluated.
	Alternate Power Source	S	Generator. Tested every Tuesday. Runs entire plant.
Preliminary	Maintenance of Collection Systems	NE	
	Pump Station	IN	Four pumps. Alternate lead pump weekly. 1 MGD each.
	Ventilation	S	
	Bar Screen	OUT	Used as a backup. On standby. Used when flow exceeds 2 MGD.
	Disposal of Screenings	S	Landfill.
	Comminutor	IN	Two Muffin Monsters. One in service, one on standby. 1 MGD each.
	Grit Chamber	IN	Can bypass to SBRs. Aerated.
	Disposal of Grit	S	Landfill.
	Influent control Gate	IN	Gate is adjusted to control flow into plant from collection system.
Septage			Septage is currently not being received at the facility.
Sludge Disposal	Digesters	IN	Aerobic digester. Being decanted
	Sludge Holding tank	IN	No air or mixing is provided except right before land application
	Sludge Pumps	IN	Not evaluated.
	Drying Beds	IN	5 beds
	Disposal of Sludge	S	Land application or landfill.
Other	Flow Meter and Recorder	IN	V-notch weir and ultra sonic flow meter
	Records	NE	
	Lab Controls	NE	
	Chemical Treatment	IN	Alum fed prior to grit chamber
	Automatic Sampler	IN	Final effluent.
Secondary-Tertiary List items as required	SBR 1	IN	Filling
	SBR 2	IN	Decanting
	SBR 3	IN	Idol Mode. Brown foam observed
	Post Aeration	IN	Clear and aerated.
	Blowers	IN	Six total. Two on for septage and post air. Three on as needed for SBRs. One left for standby.
Disinfection	Effluent	S	Clear. Colorless. No odors.
	Disinfection System	IN	Chlorine.
	Effective Dosage	S	4.5 mg/l.
	Contact Time	S	30+ minutes.
	Contact Tank	IN	Clear. Serpentine tank. Can be sent to head of plant.
	Dechlorination	IN	Sulfur dioxide gas.