



Environmental  
Protection Agency

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

Re: Fulton County  
Delta WTP  
NPDES Permit

October 14, 2010

Mr. Larry Born  
Superintendent of Public Utilities  
Village of Delta  
401 Main Street  
Delta, Ohio 43515

Dear Mr. Born:

On October 7, 2010, a compliance evaluation inspection of the Delta Water Treatment Plant (WTP) was conducted. You were present and provided information concerning the plants operation and maintenance.

It was noted that a discharge was occurring through the lagoons. The effluent from the WTP was clear, colorless, and had no noticeable odors.

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

The completed inspection report is enclosed. If there are any questions please, contact me at (419) 373-3053.

Sincerely,

Ryan Gierhart  
Division of Surface Water

/cs

Enclosure

pc w/Enclosure: Mayor and Council

DSW, NWDO File

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2IW00070*GD	April 2010	001	00530	Total Suspended Solids	1D Conc	18	23.	4/29/2010
2IW00070*GD	June 2010	001	00530	Total Suspended Solids	30D Conc	12	38.5	6/1/2010
2IW00070*GD	June 2010	001	00530	Total Suspended Solids	1D Conc	18	60.	6/14/2010

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
2IW00070	OH0041823	10/07/10	C	S	2

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of Delta WTP 7716 C.R. H Delta, OH 43515	11:00 am	April 1, 2007
	Exit Time	Permit Expiration Date
	12:00 pm	March 31, 2012
Name(s) and Title(s) of On-Site Representatives		Phone Number(s)
Larry Born – WTP & WWTP Superintendent		(419) 822 – 4143
Name, Address and Title of Responsible Official		Phone Number
Mayor and Council Village of Delta 401 Main St. Delta, OH 43515		(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
N	Records/Reports	N	Laboratory	N	Compliance Schedule
S	Operations & Maintenance	S	Effluent/Receiving Waters	S	Self-Monitoring Program
S	Facility Site Review	S	Sludge Storage/Disposal	N	Other
N	Collection System				

Section D: Summary of Findings (Attach additional sheets if necessary)			
<p>The membranes backwash once every 25 minutes. Each backwash uses approximately 800 gallons of raw water. The backwash water flows by gravity to a J-box and then to a backwash tank. Approximately 160 gpm of R/O reject water is also sent to the backwash tank. All of the wastewater is then pumped to lagoons for settling or can be directly discharged to the receiving stream. If it is pumped to the lagoons, from there it flows to a manhole and then to the final discharge. A Nalco potassium hydroxide anti-scalant is added at 2 mg/l to the R/O water. No other chemical are in the discharged wastewater.</p> <p>During the inspection all discharge was being directed through the lagoons. The Village is investigating placing a control structure on the direct discharge's outlet to prevent the stream from flowing back into the discharge tank.</p> <p>Two submersible pumps serve as the backwash pumps in the backwash tank. They are rated at 350 gpm each. The generator onsite is started every Tuesday and is capable of running either plant. The generator is serviced once every six months.</p> <p>The discharge was clear, colorless, and had no noticeable odor.</p>			
<b>Inspector</b>		<b>Reviewer</b>	
<i>Ryan Gierhart</i>	10/13/10	<i>Elizabeth A. Wick</i>	10/13/10
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