



**Environmental
Protection Agency**

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

Re: Allen County
Beaverdam WWTP
NPDES Permit

August 24, 2010

Mayor and Council
Village of Beaverdam
101 West Main Street
Beaverdam, Ohio 45808

Dear Mayor and Council:

On August 10, 2010, a National Pollutant Discharge Elimination System (NPDES) permit compliance inspection was conducted at the Beaverdam wastewater treatment plant. Mr. Mike Leis was present and provided information on operation and maintenance of the plant.

During our visit, all five lagoon cells were in use. The wastewater in the first cell was dark green in color, with five of six aerators operable. One aerator was in need of repair. The contents of cells two to four were green in color. The final cell was light green in color. There was no discharge during the inspection.

As discussed with Mr. Leis, the January 2010 discharge monitoring report (DMR) was missing results for CBOD, ammonia, oil & grease and phosphorus. Further, the minimum detection levels (MDLs) for parameters reported using the "AA" code were not included with the DMR. Please resubmit the January 2010 DMR including the above information.

Our completed inspection report is enclosed for your records. If you have any questions, please call Tom Poffenbarger at (419)373-3008.

Yours truly,

Elizabeth A. Wick, P.E.
Water Quality Engineer/Unit Supervisor
Division of Surface Water

TP/cs

Enclosure

pc: Mr. Mike Leis, Village of Beaverdam w/enclosure
~~DSW-NWDO File w/enclosure~~



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
2PB00018	OH0021318	8/10/10	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Beaverdam Wastewater Treatment Plant North side of Dixie Highway Beaverdam, Allen County	10:00 AM	October 1, 2010
	Exit Time	Permit Expiration Date
	11:00 AM	September 30, 2010
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Mr. Mike Leis, Village Administrator	419-234-6472	
Name, Address and Title of Responsible Official	Phone Number	
Mayor & Council Village of Beaverdam 101 West Main Street Beaverdam, Ohio 45808	419-643-4231	

Section C: Areas Evaluated During Inspection					
S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated					
S	Permit	S	Flow Measurement	N	Pretreatment
M	Records/Reports	N	Laboratory	N	Compliance Schedule
S	Operations & Maintenance	N	Effluent/Receiving Waters	M	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>There was no discharge from the WWTP during our inspection.</p> <p>The first lagoon cell had five of six aerators operating on timers (one was in need of repair).</p> <p>The January 2010 DMR was missing results for CBOD, Ammonia, oil and Grease and phosphorus and MDLs for "AA" codes. This DMR must be resubmitted.</p>	
Inspector	Reviewer
<p><i>Thomas Poffenbarger</i> 8/19/10</p> <p>Thomas Poffenbarger, P.E. Date Division of Surface Water Northwest District Office</p>	<p><i>Elizabeth A. Wick</i> 8/20/10</p> <p>Elizabeth A. Wick, P.E. Date Water Quality Engineer/Unit Supervisor Division of Surface Water</p>

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		
	Potable Water Supply Protection		
	Safety Features	S	Fence surrounding WWTP
	Bypasses		
	Storm Water Overflows		
	Alternate Power Source		
Preliminary	Maintenance of Collection Systems		
	Pump Station	IN	Influent pump station
	Ventilation		
	Bar Screen		
	Disposal of Screenings		
	Comminutor		
	Grit Chamber		
	Disposal of Grit		
Primary	Settling Tanks		
	Scum Removal		
	Sludge Removal		
	Effluent		
Sludge Disposal	Digesters		
	Temperature and pH		
	Gas Production		
	Heating Equipment		
	Sludge Pumps		
	Drying Beds		
	Belt Filter Press		
	Centrifuge		
Disposal of Sludge			
Other	Flow Meter and Recorder		
	Records		
	Lab Controls		
	Chemical Treatment		
Secondary - Tertiary	Cell 1	IN	Dark green color, aerated (6 aerators; 5 operational)
	Cell 2	IN	Green color
	Cell 3	IN	Green color
	Cell 4	IN	Green color
	Cell 5	IN	Light Green color
Disinfection	Effluent	OUT	No discharge
	Disinfection System		
	Effective Dosage		
	Contact Time		
	Contact Tank		
	Dechlorination		