



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

Re: Hardin County
Alger WWTP
NPDES Permit

December 11, 2012

Mayor and Council
Village of Alger
207 Angle Street
Alger, Ohio 45812

Dear Mayor and Council:

On December 5, 2012, an inspection was conducted at the Village of Alger Wastewater Treatment Plant (WWTP). The final effluent discharging to the unnamed tributary to Cottonwood Ditch was clear with no noticeable odor. It was noted that the final outfall sign has been installed.

An extensive amount of duckweed was observed in the receiving stream (pictures enclosed). In discussion with Mr. Ron Polen, Operator, duckweed growth was a continuous problem in the final lagoon through the summer season. Heavy winds and a broken baffle board caused the duckweed to flow into the receiving stream.

A review of the discharge monitoring reports (DMRs) from February 2012 to December 2012 shows that there have been several effluent limit violations. Mr. Polen has submitted emails regarding the violations. Mr. Polen noted that the Village is investigating ways to help with the dissolved oxygen. It was also noted that the chlorine violations were due to a pump issue and the pH violations were due to a probe and calibration issue.

Our inspection report is enclosed for your review. If you have any questions, please contact me at (419) 373-3053.

Sincerely,

A handwritten signature in black ink, appearing to read "Ryan Gierhart".

Ryan Gierhart
Division of Surface Water

/jlm
Enclosures

pc: Mr. Ron Polen
ec: Peggy Christie, NWDO DSW
Tracking

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PB00064*KD	June 2012	001	00300	Dissolved Oxygen	1D Conc	5.0	4.7	6/18/2012
2PB00064*KD	June 2012	001	00300	Dissolved Oxygen	1D Conc	5.0	4.4	6/19/2012
2PB00064*KD	June 2012	001	00300	Dissolved Oxygen	1D Conc	5.0	4.8	6/20/2012
2PB00064*KD	June 2012	001	00300	Dissolved Oxygen	1D Conc	5.0	4.8	6/21/2012
2PB00064*KD	June 2012	001	00300	Dissolved Oxygen	1D Conc	5.0	4.7	6/22/2012
2PB00064*KD	July 2012	001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	7/3/2012
2PB00064*KD	July 2012	001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	7/5/2012
2PB00064*KD	July 2012	001	00300	Dissolved Oxygen	1D Conc	5.0	4.6	7/6/2012
2PB00064*KD	July 2012	001	00300	Dissolved Oxygen	1D Conc	5.0	4.5	7/10/2012
2PB00064*KD	July 2012	001	00300	Dissolved Oxygen	1D Conc	5.0	4.4	7/11/2012
2PB00064*KD	July 2012	001	00300	Dissolved Oxygen	1D Conc	5.0	4.8	7/18/2012
2PB00064*KD	July 2012	001	00300	Dissolved Oxygen	1D Conc	5.0	4.5	7/24/2012
2PB00064*KD	July 2012	001	00300	Dissolved Oxygen	1D Conc	5.0	4.9	7/26/2012
2PB00064*KD	August 2012	001	00300	Dissolved Oxygen	1D Conc	5.0	4.5	8/3/2012
2PB00064*KD	August 2012	001	00300	Dissolved Oxygen	1D Conc	5.0	4.8	8/8/2012
2PB00064*KD	August 2012	001	00300	Dissolved Oxygen	1D Conc	5.0	4.5	8/10/2012
2PB00064*KD	August 2012	001	00300	Dissolved Oxygen	1D Conc	5.0	4.8	8/13/2012
2PB00064*KD	August 2012	001	00300	Dissolved Oxygen	1D Conc	5.0	4.8	8/14/2012
2PB00064*KD	October 2012	001	00400	pH	1D Conc	6.5	6.4	10/2/2012
2PB00064*KD	October 2012	001	00400	pH	1D Conc	6.5	6.4	10/3/2012



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
2PB00064	OH0058327	12/05/2012	R	S	1

Section B: Facility Data

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of Alger WWTP State Route 235 Alger, Hardin County	10:30 AM	April 1, 2010
	Exit Time	Permit Expiration Date
	11:00 AM	March 31, 2015
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
No one was present during inspection		
Name, Address and Title of Responsible Official	Phone Number	
Mayor and Council, Village of Alger 207 Angle Street Alger, Ohio 45812	419-757-4321	

Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

N	Permit	N	Flow Measurement	N	Pretreatment
N	Records/Reports	N	Laboratory	N	Compliance Schedule
N	Operations & Maintenance	U	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)

The final effluent discharge appeared clear.

An extensive amount of duckweed was observed in the receiving stream.

All 4 aerators were running in the primary lagoons

Erosion was observed along the banks of the northeast primary lagoon

Inspector	Reviewer
<i>Ryan Gierhart</i> 12-10-12	<i>Thomas Poffenbarger</i> 12/7/12
Ryan Gierhart District Engineer Division of Surface Water Northwest District Office	Thomas Poffenbarger, P.E. Water Quality Engineer II/Unit Supervisor Division of Surface Water Northwest District Office

