



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
Bowling Green, OH 43402-9398

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Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korteski, Director

RE: Williams County
Village of Pioneer
NPDES Permit

March 10, 2009

Mayor and Council
Village of Pioneer
205 South State Street
Pioneer, Ohio 43554

Dear Mayor and Council:

This will acknowledge our February 27, 2009 compliance inspection at your wastewater treatment plant. This facility is located on the east side of County Road 15, just east of the village. This inspection was conducted as part of your National Pollutant Discharge Elimination System (NPDES) permit (No. 2PB00006) renewal. Mr. Robert Seigneur, plant operator, was present and provided information on the operation of the plant.

Primary, secondary and polishing lagoons are operated in series. At the time of the inspection, a clear discharge was noted from the last polishing lagoon. We did not collect plant effluent samples to determine the water quality of the discharge during the visit.

Our review of your Discharge Monitoring Reports (1/1/2008 to 2/28/2009) indicates two effluent violations and numerous frequency violations. Please refer to the enclosed violation table. Your NPDES permit (2PB00006*HD) will expire on May 31, 2009 and we are in the process of preparing a renewal. In the event that you have not received your renewed NPDES permit by May 31, 2009, please continue to operate your plant per the expired permit.

Our completed inspection form is enclosed for your review. If you have any questions or comments, please call Mr. Jason Ko at 419-373-3021.

Yours truly,

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

/csj

*pc: DSW, NWDO File

NPDES COMPLIANCE INSPECTION REPORT

Section A: National Data System Coding

Permit #	NPDES	Yr/Mo/Day	Inspection Type	Inspector	FacType
2PB00006	OH0022535	2009/2/27	C	S	P

Section B: Facility Data

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of Pioneer Pioneer WWTP County Road 15 Pioneer, Ohio	9:45 A.M.	6/1/2004
	Exit Time	Permit Expiration Date
	10:15 A.M.	5/31/2009

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Mr. Robert Seigneur, Plant Operator	419-553-9906

Name, Address and Title of Responsible Official	Phone Number
Mayor & Council Members Village of Pioneer 205 South State Street Pioneer, Ohio 43554	(419)-737-2614

Section C: Areas Evaluated During Inspection

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

<u>S</u> Permit	<u>S</u> Flow Measurement	<u>-</u> Pretreatment
<u>N</u> Records/Reports	<u>N</u> Laboratory	<u>-</u> Compliance Schedules
<u>S</u> Operations & Maintenance	<u>S</u> Effluent	<u>S</u> Self-Monitoring Program
<u>S</u> Facility Site Review	<u>N</u> Sludge Storage/Disposal	<u>-</u> Other
<u>N</u> Collection System		

Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

- * Lagoon #1 (Primary lagoon) operates with 13 aerators off for the winter season
- * Lagoon #2 (unaerated secondary lagoon) and 3 smaller polishing lagoons are in operation series
- * "New" pump station installed in 2/2009 will be equipped with timers & "Old" pump station is on standby
- * Clear discharge from the last polishing lagoon (Lagoon #3c)
- * The NPDES permit will expire 5/31/2009; and the renewed NPDES permit is pending
- * Review of the discharge monitoring report (1/1/2008 – 2/28/2009) indicates two effluent violations and numerous frequency violations

Jason Ko, Ohio EPA, Northwest
 Name(s) and Signature(s) of Inspector(s) Date District Office

Elizabeth A. Wick, P.E., Ohio EPA, Northwest
 Name and Signature of Reviewer 3/19/09 Date District Office

F. GUIDE - VISUAL OBSERVATION - UNIT PROCESSES

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	M	Fenced w/ no gate
	Bypasses	-	
	Stormwater Overflows	-	
	Alternate Power Source	-	
Preliminary	Maintenance of Collection Systems	NE	Not evaluated
	Pump Station	IN	New station installed in 2/2009 & "old" station is on standby
	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	-	
	Vacuum Filter	-	
	Disposal of Sludge	-	
Other	Flow Meter and Recorder	IN	At new influent pump station & timers which will be installed soon
	Records	-	
	Lab Controls	-	
	Chemical Treatment	-	
Secondary-Tertiary <small>List items as</small>	Lagoon #1	IN	Aerated by 13 blowers which are off for the winter season
	Lagoon #2	IN	
	Polishing Lagoons	IN	3 smaller lagoons - 3a, 3b & 3c
Disinfection	Effluent	S	Clear discharge
	Disinfection System	-	
	Effective Dosage	-	
	Contact Time	-	
	Contact Tank	-	
	Dechlorination	-	

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PB00006*HD	March 2008	001	80082	CBOD 5 day	7D Conc	40	51.	3/15/2008
2PB00006*HD	March 2008	001	80082	CBOD 5 day	7D Qty	75.7	82.0701	3/15/2008

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
	May 2008	001	00530	Total Suspended Solids	2/Week	2	0	05/01/2008
2PB00006*HD	May 2008	001	00610	Nitrogen, Ammonia (NH3)	2/Week	2	0	05/01/2008
2PB00006*HD	May 2008	001	31616	Fecal Coliform	2/Week	2	0	05/01/2008
2PB00006*HD	May 2008	001	00556	Oil and Grease, Freon	1/Month	1	0	05/01/2008
2PB00006*HD	May 2008	001	00665	Phosphorus, Total (P)	1/Month	1	0	05/01/2008
2PB00006*HD	May 2008	001	00400	pH	1/Day	1	0	05/01/2008
2PB00006*HD	May 2008	001	00630	Nitrite Plus Nitrate,	1/Month	1	0	05/01/2008
2PB00006*HD	May 2008	001	00400	pH	1/Day	1	0	05/02/2008
2PB00006*HD	May 2008	001	00400	pH	1/Day	1	0	05/03/2008
2PB00006*HD	May 2008	001	00400	pH	1/Day	1	0	05/04/2008
2PB00006*HD	May 2008	001	00400	pH	1/Day	1	0	05/05/2008
2PB00006*HD	May 2008	001	00400	pH	1/Day	1	0	05/06/2008
2PB00006*HD	May 2008	001	00400	pH	1/Day	1	0	05/07/2008
2PB00006*HD	May 2008	001	00530	Total Suspended Solids	2/Week	2	0	05/08/2008
2PB00006*HD	May 2008	001	00610	Nitrogen, Ammonia (NH3)	2/Week	2	0	05/08/2008
2PB00006*HD	May 2008	001	31616	Fecal Coliform	2/Week	2	0	05/08/2008
2PB00006*HD	May 2008	001	00400	pH	1/Day	1	0	05/08/2008
2PB00006*HD	May 2008	001	00400	pH	1/Day	1	0	05/09/2008
2PB00006*HD	May 2008	001	00400	pH	1/Day	1	0	05/10/2008
2PB00006*HD	May 2008	001	00530	Total Suspended Solids	2/Week	2	0	05/15/2008
2PB00006*HD	May 2008	001	00610	Nitrogen, Ammonia (NH3)	2/Week	2	0	05/15/2008
2PB00006*HD	May 2008	001	31616	Fecal Coliform	2/Week	2	0	05/15/2008
2PB00006*HD	May 2008	001	00400	pH	1/Day	1	0	05/17/2008
2PB00006*HD	May 2008	001	00530	Total Suspended Solids	2/Week	2	0	05/22/2008
2PB00006*HD	May 2008	001	00610	Nitrogen, Ammonia (NH3)	2/Week	2	0	05/22/2008
2PB00006*HD	May 2008	001	31616	Fecal Coliform	2/Week	2	0	05/22/2008
2PB00006*HD	May 2008	001	80082	CBOD 5 day	2/Week	2	1	05/22/2008
2PB00006*HD	May 2008	001	00010	Water Temperature	1/Day	1	0	05/31/2008
2PB00006*HD	May 2008	001	00400	pH	1/Day	1	0	05/31/2008
2PB00006*HD	May 2008	001	00300	Dissolved Oxygen	1/Day	1	0	05/31/2008
2PB00006*HD	October 2008	001	00300	Dissolved Oxygen	1/Day	1	0	10/04/2008
2PB00006*HD	October 2008	001	00300	Dissolved Oxygen	1/Day	1	0	10/05/2008
2PB00006*HD	October 2008	001	00300	Dissolved Oxygen	1/Day	1	0	10/11/2008

2PB00006*HD	October	2008	001	00300	Dissolved Oxygen	1/Day	1	0	10/12/2008
2PB00006*HD	October	2008	001	00300	Dissolved Oxygen	1/Day	1	0	10/18/2008
2PB00006*HD	October	2008	001	00300	Dissolved Oxygen	1/Day	1	0	10/19/2008
2PB00006*HD	October	2008	001	00010	Water Temperature	1/Day	1	0	10/24/2008
2PB00006*HD	October	2008	001	00300	Dissolved Oxygen	1/Day	1	0	10/25/2008
2PB00006*HD	October	2008	001	00300	Dissolved Oxygen	1/Day	1	0	10/26/2008