



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Rd.
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.state.oh.us

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

RE: Williams County
Stryker WWTP
NPDES Permit

April 14, 2009

Mayor and Council
Village of Stryker
200 North Defiance Street
P.O. Box 404
Stryker, Ohio 43557

Dear Mayor and Council:

On April 2, 2009, a Compliance Inspection was conducted of your wastewater treatment plant serving the village. The treatment facility is located at County Road F. Mr. Gary St. John, Village Administrator, was present and provided information regarding the operation of the facility.

At the time of the inspection, all lagoons and the rock filter were in service. Aerators in both Lagoons #1 and #2 were off for the winter season. The final discharge had a slight green tint. However, we did not collect effluent samples to determine the quality of the discharge during the visit.

We noted that the plant receives excessive flow during rain events caused by stormwater infiltration/inflow (I/I) in the collection system. Therefore, we strongly recommend that the village start investigating the I/I problems throughout the entire collection system. The findings and recommendations from smoke testing and video inspections should be incorporated into a comprehensive rehabilitation program with the goal of minimizing the I/I in the collection system. Elimination of large sources of clean water infiltration could help delay another costly treatment plant expansion.

Our review of your Discharge Monitoring Reports (1/1/2008 to 3/31/2009) indicated one effluent and some frequency violations. Please refer to the enclosed violation table. A completed inspection report is included for your review. If you have any questions, please call Mr. Jason Ko of our office at 419-373-3021.

Yours truly,


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

/csl

pc: Gary St. John, Village Administrator
DSW, NWDO File

F. GUIDANCE - VISUAL OBSERVATION - UNIT PROCESS

Form Approved
OMB No.

158-R0035

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	-	
	Safety Features	S	Fenced
	Bypasses	-	
	Stormwater Overflows	-	
	Alternate Power Source	-	
Preliminary	Maintenance of Collection Systems	S	Recommend I/I investigation
	Pump Station	IN	
	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 effluent
	Records	S	
	Lab Controls	-	
	Chemical Treatment	-	
Secondary-Tertiary <small>List items as</small>	Lagoon #1	IN	4 aerator & were off for the winter; greenish
	Lagoon #2	IN	4 aerators & were off for the winter; greenish
	Polishing Lagoon	IN	Greenish
	Rock Filter	IN	
Disinfection	Effluent	S	Clear discharge with slight greenish tint
	Disinfection System	-	
	Effective Dosage	-	
	Contact Time	-	
	Contact Tank	-	
	Dechlorination	-	
	Post Air	OUT	

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PB00009*GD	September 2008	001	00556	Oil and Grease, Freon	1D Conc	10	10.8	9/11/2008

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
2PB00009*GD	February 2008	300	80998	Bypass Occurrence, Num	1/Day	1	0	02/03/2008
2PB00009*GD	September 2008	001	00530	Total Suspended Solids	2/Week	2	0	09/01/2008
2PB00009*GD	September 2008	001	00610	Nitrogen, Ammonia (NH3	2/Week	2	0	09/01/2008
2PB00009*GD	September 2008	001	31616	Fecal Coliform	2/Week	2	0	09/01/2008
2PB00009*GD	September 2008	001	80082	CBOD 5 day	2/Week	2	0	09/01/2008
2PB00009*GD	September 2008	601	00530	Total Suspended Solids	2/Week	2	0	09/01/2008
2PB00009*GD	September 2008	601	80082	CBOD 5 day	2/Week	2	0	09/01/2008
2PB00009*GD	September 2008	001	00530	Total Suspended Solids	2/Week	2	0	09/15/2008
2PB00009*GD	September 2008	001	00610	Nitrogen, Ammonia (NH3	2/Week	2	0	09/15/2008
2PB00009*GD	September 2008	001	31616	Fecal Coliform	2/Week	2	0	09/15/2008
2PB00009*GD	September 2008	001	80082	CBOD 5 day	2/Week	2	0	09/15/2008
2PB00009*GD	September 2008	601	00530	Total Suspended Solids	2/Week	2	0	09/15/2008
2PB00009*GD	September 2008	601	80082	CBOD 5 day	2/Week	2	0	09/15/2008
2PB00009*GD	September 2008	001	00530	Total Suspended Solids	2/Week	2	0	09/22/2008
2PB00009*GD	September 2008	001	00610	Nitrogen, Ammonia (NH3	2/Week	2	0	09/22/2008
2PB00009*GD	September 2008	001	31616	Fecal Coliform	2/Week	2	0	09/22/2008
2PB00009*GD	September 2008	001	80082	CBOD 5 day	2/Week	2	0	09/22/2008
2PB00009*GD	September 2008	601	00530	Total Suspended Solids	2/Week	2	0	09/22/2008
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