



**Environmental
Protection Agency**

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



1PX0001420100920

DARKE

STILLWATER GOLF ESTATES

MILLER, JOSEPH

2010/09/20

**Environmental
Protection Agency**

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

September 20, 2010

Darke County Commissioners
County Administration Building
520 South Broadway
Greenville, OH 45331

**RE: NOTICE OF VIOLATION
Stillwater Golf Estates Wastewater Treatment Plant
Compliance Evaluation Inspection
NPDES Permit 1PX00014*CD/OH0119067
Darke County**

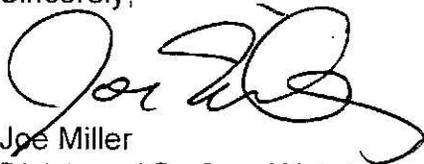
Ladies and Gentlemen:

On September 15, 2010, I conducted an inspection at the above referenced wastewater treatment works. This inspection was conducted to determine compliance with the NPDES permit for this facility. A detailed inspection report is attached.

Provide a response to the items noted under "Items Requiring a Response" heading of the inspection report by **October 18, 2010**. Your response should include dates, either actual or proposed, for completion of actions.

If you have any questions, I can be reached at (937) 285-6109.

Sincerely,



Joe Miller
Division of Surface Water
Compliance and Enforcement

CC: Steve Crawford, Operator
Darke County Health Department

**Stillwater Golf Estates Wastewater Treatment Plant
Compliance Inspection
September 15, 2010**

Overview

The Stillwater Golf Estates WWTP is designed to treat 7,500 gallons of wastewater per day from the Stillwater Golf Course and Subdivision. The wastewater plant discharges to an unnamed tributary of the Stillwater River. The wastewater treatment facility is an extended aeration package plant with a 1,500 gallon trash trap, 10,000 gallon aeration chamber, two clarifiers with a total volume of 6,600 gallons, a 1,000 gallon sludge holding tank, 800 gallon dosing tank, dual slow surface sand filters (900 sq. ft.), 900 gallon chlorine contact/dechlorination chamber, and a 188 gallon post-aeration tank. At the time of inspection the WWTP appeared to be operating properly.

Items Requiring a Response

1. Infiltration and Inflow – Provide an update on infiltration and inflow projects completed since the last inspection as well as a schedule and description for upcoming projects. The attached chart of effluent flow depicts a continuing problem with excessive volume during rain events.
2. Effluent violations – Non-compliance notification was provided for the fecal coliform violations listed. The total suspended solids loading violation was not reported. It appears this violation was due to infiltration and inflow. All future incidences of non-compliance need to be reported as per the NPDES permit, Part III, Item 12.
3. Sludge removal – Sludge has not been reported as being hauled since 2004. Sludge removal needs to be documented on both the annual sludge reports and the eDMRs. It appears that, at minimum, sludge has been removed from the sand filters surface. Any well operated wastewater plant requires periodic removal of sludge. Provide an explanation for the lack of reported sludge removal.

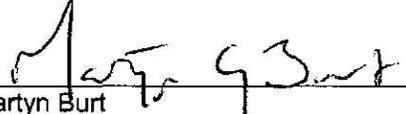
Permit # : 1PX00014*CD
 NPDES # : OH0119067

State of Ohio Environmental Protection Agency
 Southwest District Office

NPDES Compliance Inspection Report
 Semi-Public Sewage Disposal Inspection Form

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1PX00014*CD	OH0119067	3/25/2008	C	S	2

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Stillwater Golf Estates WWTP Lot 24, Stillwater Drive Versailles, OH 45380	1:00 PM	January 1, 2008
	Exit Time	Permit Expiration Date
	1:20 PM	December 31, 2012
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
N/A		
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
Steve Crawford	937-548-2415	
Name, Address and Title of Responsible Official	Phone Number	
Darke County Commissioners County Administration Building 520 South Broadway Greenville, OH 45331	937-547-7370	

Ohio EPA Inspector	Ohio EPA Reviewer
 Joe Miller Division of Surface Water Southwest District Office	 Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office
9/20/10 Date	9/20/10 Date

Average Daily Design Flow:	7,500 Gallons/Day
Plant Serves:	Golf Course Community
Average Daily Flow: (Period of Review):	6,700 GPD (February 2009 to August 2010)
Method of flow monitoring:	Dosing
Type of alarms for plant:	Visual

Pretreatment

Type of Pretreatment: **Trash Trap**
 Does the Trash Trap need pumped: **Unknown**
 Maintenance of pretreatment components is: **Unknown**

Comments/Status:

**Secondary Treatment
(Aeration)**

Color of sludge: **Unknown**
 Quality of Sludge: **Unknown**
 Foam: **Unknown**
 Odor: **None**

	Yes	No		Yes	No
Aeration is taking place	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plant is septic	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Blowers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Blowers are on a timer	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Skimmers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plant is flooded	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Diffusers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Grating is present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sludge return is operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>			

Maintenance of aerating equipment is... **Unknown**

Comments/Status:

Installation of second blower recommended.

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: Slow	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Subsurface	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Distribution box operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Beds alternated	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are filters ponding/flooding	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Beds raked	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sand filters overgrown	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Chlorination present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UV present	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dechlorination present	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Overall maintenance of components is: **Satisfactory**

Comments/Status:

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Sludge Handling/Storage Disposal

Hauler name: Unknown
Disposal Site: Unknown
Sludge wasted from: Sludge Holding

Sludge drying beds: **No** Sludge holding tank: **Yes**

Overall maintenance of components is: **Satisfactory**

Comments/Status:

Sludge not reported as being hauled since 2004. Sludge hauled needs to be reported on eDMRs.

Plant Discharge

Discharge point is: **unnamed tributary**
Name of discharge point: **unnamed tributary of the Stillwater River**
Discharge is visible: **Yes** Quality of Effluent: **Clear**

Comments/Status:

Very little discharge at the time of inspection

Stillwater Golf Estates WWTP Effluent Limitation Violations February 2009 to August 2010

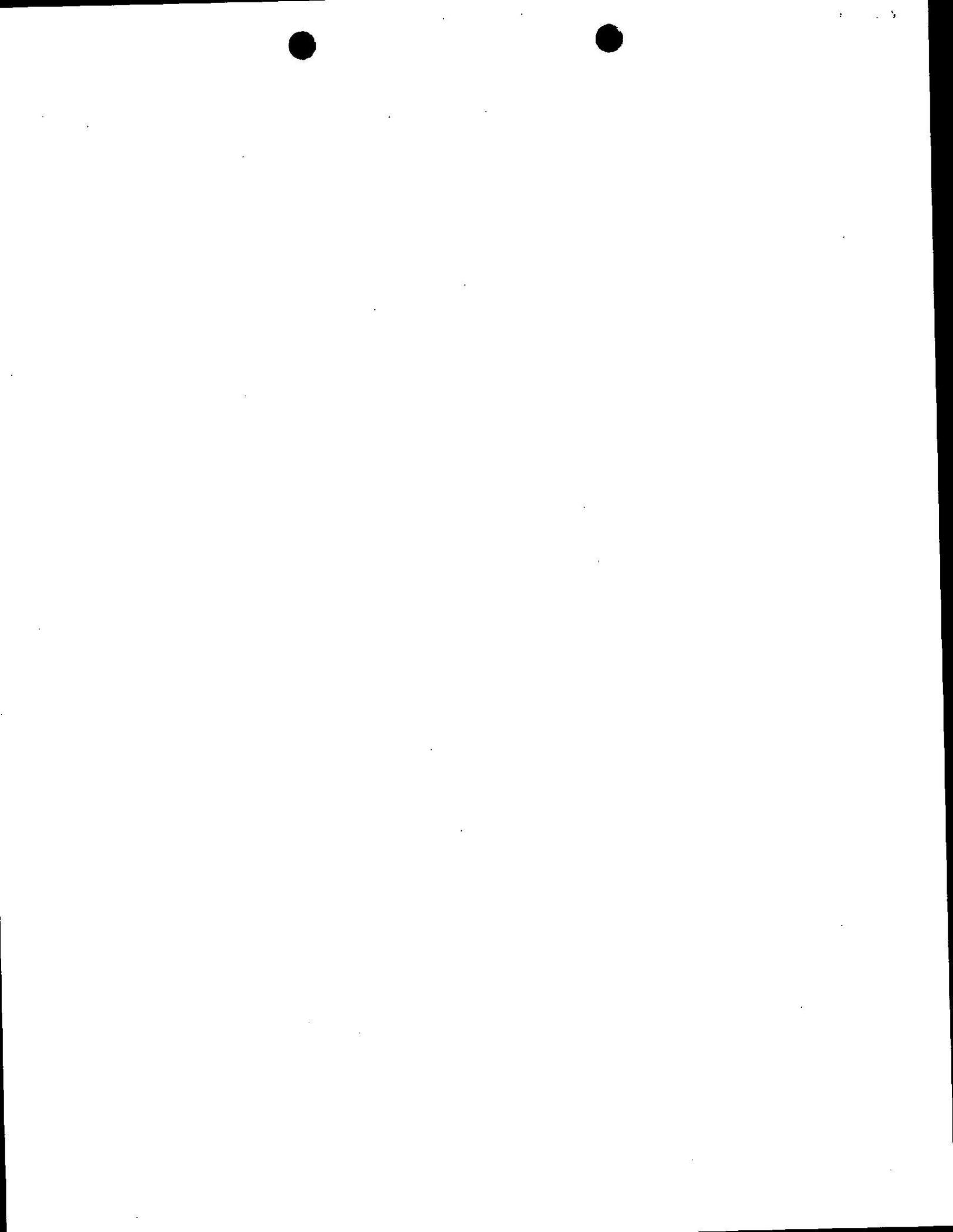
Reporting Period	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
October 2009	31616	Fecal Coliform	30D Conc	1000	5300.	10/1/2009
October 2009	31616	Fecal Coliform	7D Conc	2000	5300.	10/8/2009
March 2010	00530	Total Suspended Solids	30D Qty	0.35	.35011	3/1/2010



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Figure 1, Stillwater Golf Estates WWTP, JGM 9/15/10



Stillwater Golf Estates WWTP Effluent Flow February 2009 to August 2010 (GPD)

