



**Environmental  
Protection Agency**

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



\*1PJ0001020090914\*

BUTLER

WADE MILL WATER RECLAMATION FACILITY

SARLE, EDWARD

2009/09/14

Sewage



State of Ohio Environmental Protection Agency

Southwest District Office

401 East Fifth Street  
Dayton, Ohio 45402-2911

TELE: (937) 285-6357 FAX: (937) 285-6249  
[www.epa.state.oh.us](http://www.epa.state.oh.us)

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

September 14, 2009

Mr. Robert Leventry, Director  
Butler County Environmental Services Department  
130 High Street, 6th Floor  
Hamilton, Ohio 45011

Re: Butler County, ~~Wade Mill WWTP~~, Compliance Evaluation Inspection

Dear Mr. Leventry:

On September 10, 2009, I conducted a Compliance Evaluation Inspection at this facility (NPDES Permit No. OH0123145; OEPA Permit No. 1PJ00010\*CD). Jack Thornsberry and Steve Schaefer were representing this facility. A copy of my inspection report is enclosed.

All areas evaluated in the inspection report were found to be satisfactory. Therefore, no response is required at this time.

If you have any questions, please call me at (937) 285 - 6096.

Sincerely,

Ned Sarle  
Division of Surface Water  
Permit Section

Enclosure

ec: Brian Custer, Butler County Environmental Services Department



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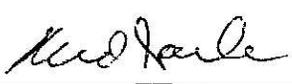
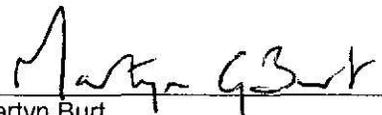
State of Ohio Environmental Protection Agency  
Southwest District Office

NPDES Compliance Inspection Report

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1PJ00010*CD	OH0123145	9/10/2009	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Wade Mill WWTP 4255 Wade Mill Road Ross, Ohio	9:40 A.M.	10/1/2008
	Exit Time	Permit Expiration Date
	11:00 A.M.	9/30/2013
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Jack Thornsberry, Operations Division Head	(513) 887 - 3929	
Steve Schaefer, Chief Operator	(513) 887 - 3686	
Name, Address and Title of Responsible Official	Phone Number	
Mr. Robert Leventry, Director 130 High Street, 6th Floor Hamilton, Ohio 45011	(513) 887 - 3936	

Section C: Areas Evaluated During Inspection					
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)					
S	Permit	S	Flow Measurement	N	Pretreatment
S	Records/Reports	N	Laboratory	S	Compliance Schedule
S	Operations & Maintenance	S	Effluent/Receiving Waters	S	Self-Monitoring Program
S	Facility Site Review	S	Sludge Storage/Disposal	N	Other
S	Collection System				

Section D: Summary of Findings (Attach additional sheets if necessary)	
See Attached Summary of Findings / Comments.	
Inspector	Reviewer
 Ned Sarle Permit Section Division of Surface Water Southwest District Office	 Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office
9/14/09 Date	9/14/09 Date

### Summary of Findings / Comments

The review of the Monthly Operating Reports (MORs) for June 2008 through July 2009 indicated one NPDES Permit violation. A weekly ammonia concentration violation was reported for August 2008. This violation has been adequately addressed at this time. Future violations must continue to be reported in accordance to the NPDES Permit as addressed in Part III, Section 11 titled "Noncompliance Notification."

The WWTP consists of a flow equalization tank, a mechanical screen, three aeration tanks, two secondary clarifiers and an ultraviolet disinfection system. The effluent was noted during the inspection as being clear. An aerated sludge holding tank is also provided. Sludge from this facility is hauled to the LeSourdsville WWTP.

A backup generator is provided for the WWTP. This is operated once a week. A 3 to 4 day power outage occurred in September 2008 after a strong windstorm. The backup generator was able to provide the necessary power for the WWTP and the influent pump station. The two pump stations with backup generators were also able to operate during this power outage.

For October 2008 through July 2009, the Wade Mill WWTP received an average daily flow of 160,000 gpd and a peak daily flow of 450,000 gpd. The WWTP is designed for average daily flow of 500,000 gpd.

For June 2008 through July 2009, bypasses have not occurred for the sewage collection and treatment system.

Influent and effluent composite samplers are provided for the WWTP. These samplers are flow portioned.

Steve Schaefer maintains an operator's log for the WWTP. This log is kept at the WWTP.

In 2008, 22.668 dry tons of sludge was hauled from this treatment system and disposed at the LeSourdsville WWTP.

A sign identifying the WWTP discharge was provided as required by NPDES Permit. Vegetation was starting to grow in front of this sign. Butler County should clear this vegetation to allow for clear viewing of this sign.