



Environmental  
Protection Agency

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



\*1PG0009020100920\*

DARKE

ROLIN ACRES SUBDIV WWTP

MILLER, JOSEPH

2010/09/20



**Environmental  
Protection Agency**

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

September 20, 2010

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

**RE: Compliance Evaluation Inspection (CEI)  
Notice of Violation  
Rolin Acres Wastewater Treatment Plant  
NPDES Permit 1PG00090\*CD/OH0085561  
Darke County**

Ladies and Gentlemen:

On September 15, 2010, I conducted a Compliance Evaluation Inspection at the Rolin Acres wastewater treatment works on Warvel Road. This inspection was conducted to determine compliance with the NPDES discharge permit. The wastewater treatment plant discharges to Boyd Creek, a tributary of the Stillwater River. Overall, the wastewater facility was rated as "Satisfactory", however, reduction of rainfall derived infiltration and inflow is still needed. Flows during rainfall events typically exceed the design capacity of the wastewater treatment plant (see attached chart).

I have reviewed your monitoring reports for the period covering February 2009 to August 2010. This review indicates violations of the conditions of your NPDES permit. The specific instances of non-compliance are listed in the inspection report. Non-compliance notification is required for all violations as detailed in the NPDES permit, Part III, Item 12. Any future incidences must be reported in this manner.

A response to the following items is requested:

1. Effluent Violations – Detail the reasons for the listed violations. Your response should include dates, either actual or proposed, for completion of actions to prevent future violations. Please note the requirement to provide Non-Compliance Notification. The Operator of Record would be the most appropriate person to provide this notification.

2. Excessive Infiltration and Inflow – Provide an update on efforts since the last inspection to reduce infiltration and inflow in the collection system.

Provide this office a written response by **October 18, 2010**, to the above items. If you have any questions, I can be reached at (937) 285-6109.

Sincerely,



Joe Miller  
Division of Surface Water  
Compliance and Enforcement

ec: Steve Crawford, Operator of Record  
Darke County Health Department

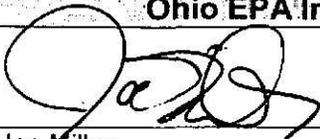
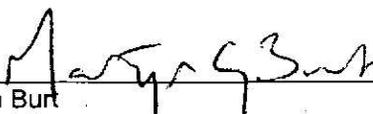
Permit #: 1PG00090\*CD  
 NPDES #: OH0085561

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
1PG00090*CD	OH0085561	9/15/2010	C	S	2

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Rolin Acres Subdivision WWTP Warvel Road Greenville, OH 45331	11:30 AM	June 1, 2007
	Exit Time	Permit Expiration Date
	11:45 AM	May 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	
	9/20/10		9/20/10
Joe Miller Division of Surface Water Southwest District Office	Date	Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office	Date

Average Daily Design Flow:	24,000 Gallons/Day
Plant Serves:	Residential Subdivision (~200 residents)
Average Daily Flow: (Period of Review):	18,700 GPD (March 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... **Satisfactory**

**Comments/Status:**

Slight soap/detergent odor

**Tertiary Treatment**

	Yes	No		Yes	No
Surface sand Filters: <b>Slow</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Subsurface</b>	<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:**

Permit # : 1PG00090\*CD  
NPDES #: OH0085561

**Sludge Handling/Storage Disposal**

Hauler name: Mike's Sanitation  
Disposal Site: Mike's Sanitation disposal facility  
Sludge wasted from: Sludge Holding

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

Overall maintenance of components is: **Satisfactory**

**Comments/Status:**

\_\_\_\_\_

**Plant Discharge**

Discharge point is: **stream**  
Name of discharge point: **unnamed tributary of Boyd Creek**  
Discharge is visible: **Yes**                      Quality of Effluent: **Clear**

**Comments/Status:**

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**Rolin Acres WWTP Effluent Limitation Violations February 2009 to August 2010**

Reporting Period	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
June 2010	31616	Fecal Coliform	30D Conc	1000	1020.	6/1/2010
July 2010	00610	Nitrogen, Ammonia (NH3)	1D Conc	3.0	3.4	7/20/2010

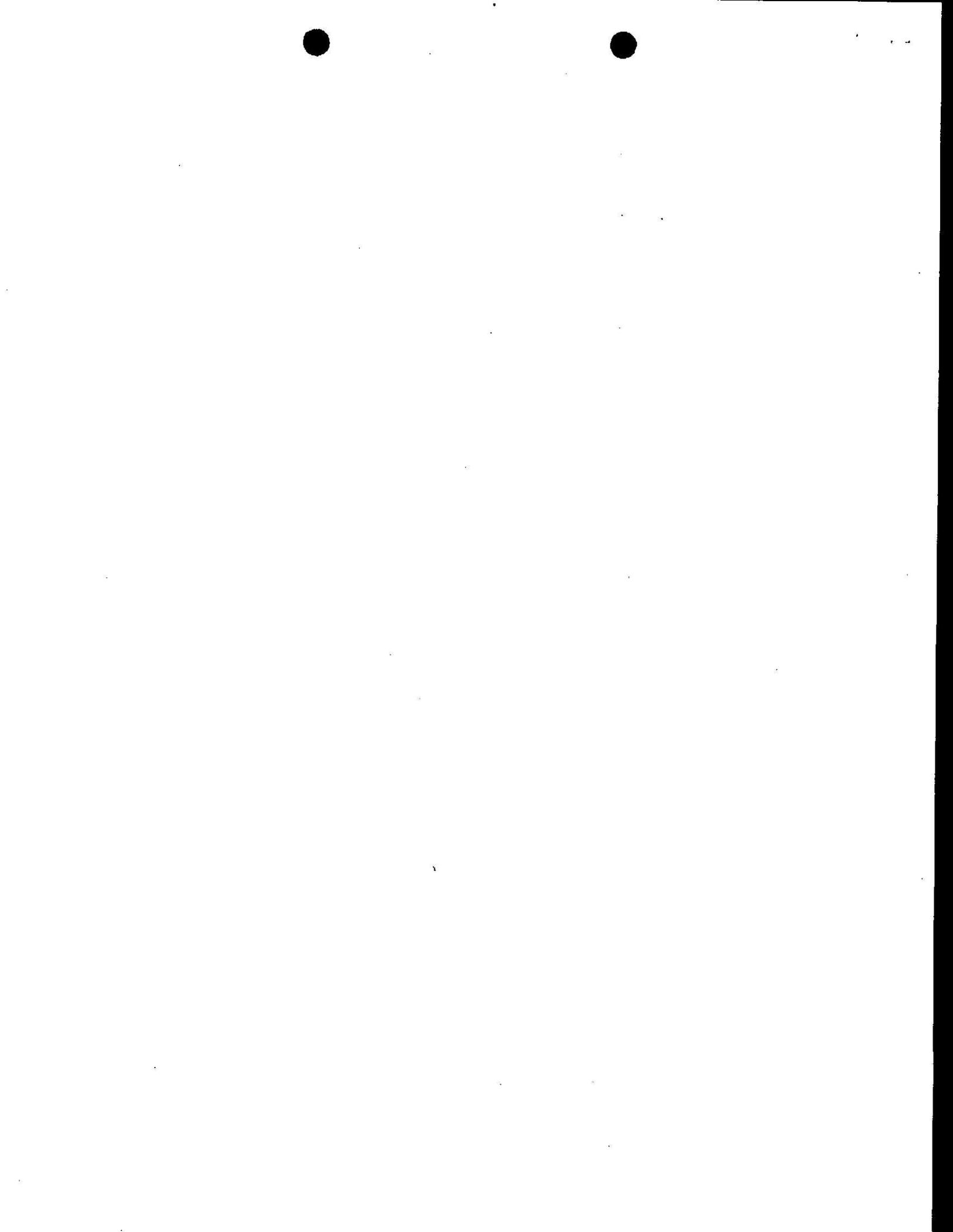




Figure 1. Rolin Acres WWTP sand filters, JGM 9/15/2010



Figure 2. Rolin Acres WWTP, JGM 8/15/2010



### Rolin Acres Subdivision WWTP Effluent Flow February 2009 to August 2010 (MGD)

