



State of Ohio Environmental Protection Agency

## Central District Office

FILE COPY MAILING ADDRESS:

## STREET ADDRESS:

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[www.epa.state.oh.us](http://www.epa.state.oh.us)

P.O. Box 1049  
Columbus, OH 43216-1049

July 29, 2009

Geoffrey Burns  
Site Manager  
Geneva Hills  
1380 Blue Valley Road, SE  
Lancaster, OH 43130

Dear Mr. Burns:

Attached is a report for a Reconnaissance Inspection that Kelly Thiel and I from this office performed July 8, 2009, at the wastewater treatment system serving the Geneva Hills facility. Please read the report carefully since there are several items needing your attention.

If you have questions I can be contacted by e-mail at [jan.rice@epa.state.oh.us](mailto:jan.rice@epa.state.oh.us) or by telephone at 614-728-3850.

Sincerely,

Jan A. Rice  
Environmental Specialist  
Field Operations Unit  
Division of Surface Water  
Central District Office

Enclosure

HAR/nsm Ohio Presbytery 7-8-09covrtr

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



**NPDES  
Compliance Inspection Report**

**A. NATIONAL DATA SYSTEM CODING**

<b>Permit No.</b> 4PR00094*CD	<b>NPDES No.</b> OH0124192	<b>Date</b> 7/8/09	<b>Inspection Type</b> R	<b>Inspector</b> S	<b>Facility Type</b> 2
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**B. FACILITY DATA**

<b>Name and Location of Facility Inspected</b> Presbytery of Scioto Valley (Geneva Hills) 1380 Blue Valley Road, SE Lancaster, Ohio 43130	<b>Entry Time</b> 10:15 A.M.	<b>Permit Effective Date</b> 11/1/08
	<b>Exit Time</b> 11:00 A.M.	<b>Permit Expiration Date</b> 10/31/13

<b>Name(s) and Title(s) of On-Site Representative(s)</b> Geoffrey Burns, Site Manager 1380 Blue Valley Rd. SE, Lancaster, Ohio 43130	<b>Phone Number(s)</b> 740-503-7798
<b>Name(s) Address and Title(s) of Operator of Record</b>	<b>Phone Number(s)</b>
<b>Name, Address and Title of Responsible Official</b> Geoffrey Burns, Site Manager 1380 Blue Valley Rd. SE, Lancaster, Ohio 43130	<b>Phone Number</b> 740-503-7798

**C. AREAS EVALUATED DURING INSPECTION (S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)**

- M Permit – permit renewal application not submitted 180 days prior to permit expiration date.
- N/S Records/Reports
- M Operations & Maintenance – Geoffrey Burns indicated that he would provide this office a copy of his Limited Class "A" wastewater certification. A copy of this certification must be sent to this office as soon as possible.
- M Facility Site Review – saplings/brush must be removed from the wetland embankment.
- N Collection System
- N Flow Measurement
- N Laboratory
- M/S Effluent/Receiving Waters – effluent limitation violations are listed in Attachment "A" of this report.
- N Sludge Storage/Disposal
- N Pretreatment
- U Compliance Schedules – permittee must notify this office as soon as possible regarding the wastewater operator of record. This information was to have been submitted to this office by January 1, 2009. Outfall signage required by Item N. in the permit has not yet been installed. Outfall signage was to be installed by March 1, 2009
- N Self-Monitoring Program

**D. SUMMARY OF FINDINGS/COMMENTS:** Vegetation density within the wetland has increased and effluent limitation violations have continued to decrease. The permittee must keep the effluent sampling location free from algae/sediment which may contaminate effluent samples. The permittee must also continue work necessary to prevent brush/saplings from becoming established in the wetland embankment. Brush/saplings roots penetrate into and may weaken the embankment. Photographs of this treatment system are included in this report.

Jan Rice  
Jan Rice, Inspector, Ohio EPA, Central District Office

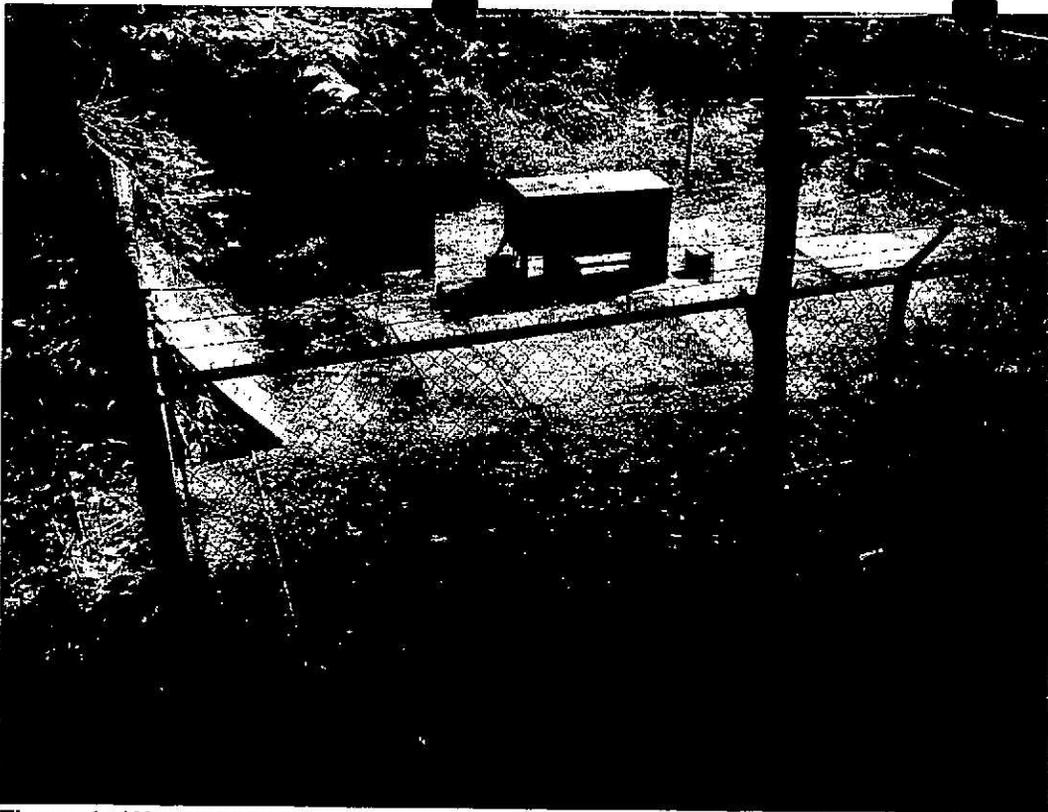
Erin Sherer  
Erin Sherer, Reviewer, Ohio EPA, Central District Office

7/30/09  
Date

7/30/09  
Date

Attachment "A"  
 Presbytery of Scioto Valley (Geneva Hills Center)  
 Effluent Limitation Violations 8/1/8 – 5/31/09

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
4PR00094*BD	August 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	5.5	8/16/2008
4PR00094*BD	September 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	4.7	9/4/2008
4PR00094*BD	September 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	3.5	9/13/2008
4PR00094*BD	September 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	5.5	9/18/2008
4PR00094*BD	October 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	5.6	10/6/2008
4PR00094*CD	November 2008	001	00530	Total Suspended Solids	30D Conc	12	20.	11/1/2008
4PR00094*CD	November 2008	001	00530	Total Suspended Solids	7D Conc	18	20.	11/1/2008
4PR00094*CD	November 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	4.2	11/3/2008



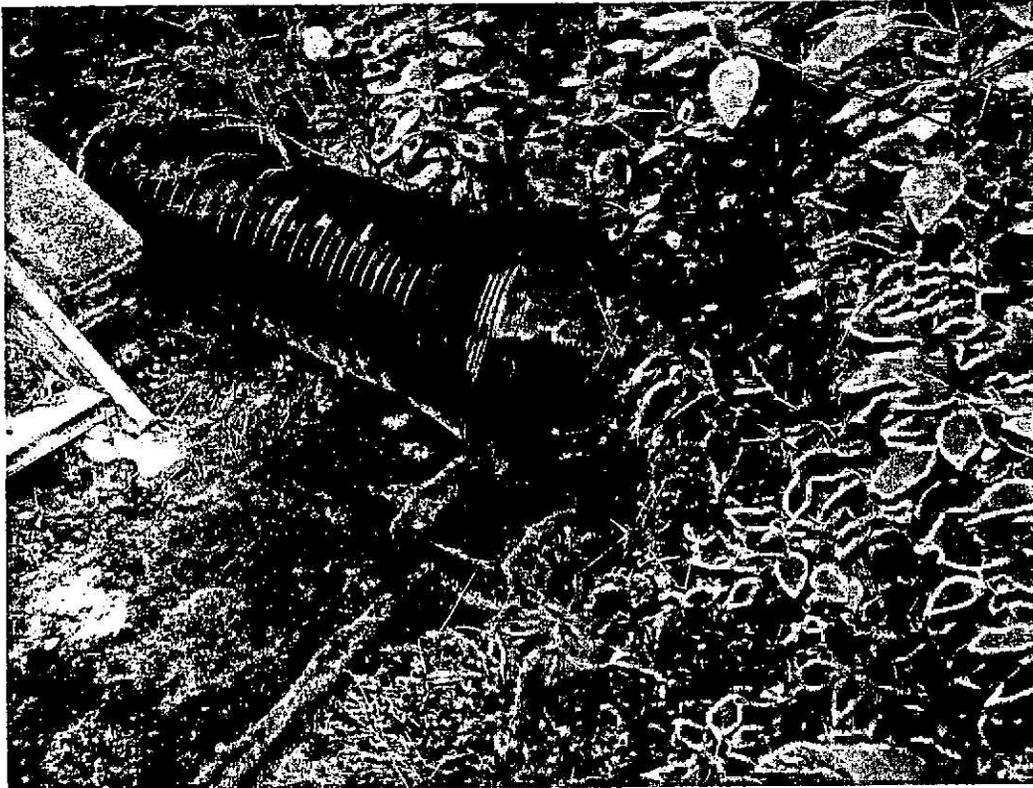
**Figure 1.** Wastewater is routed into this wastewater treatment plant prior to discharge into the wetland. The permittee should closely monitor the WWTP to minimize solids loss into the wetland.



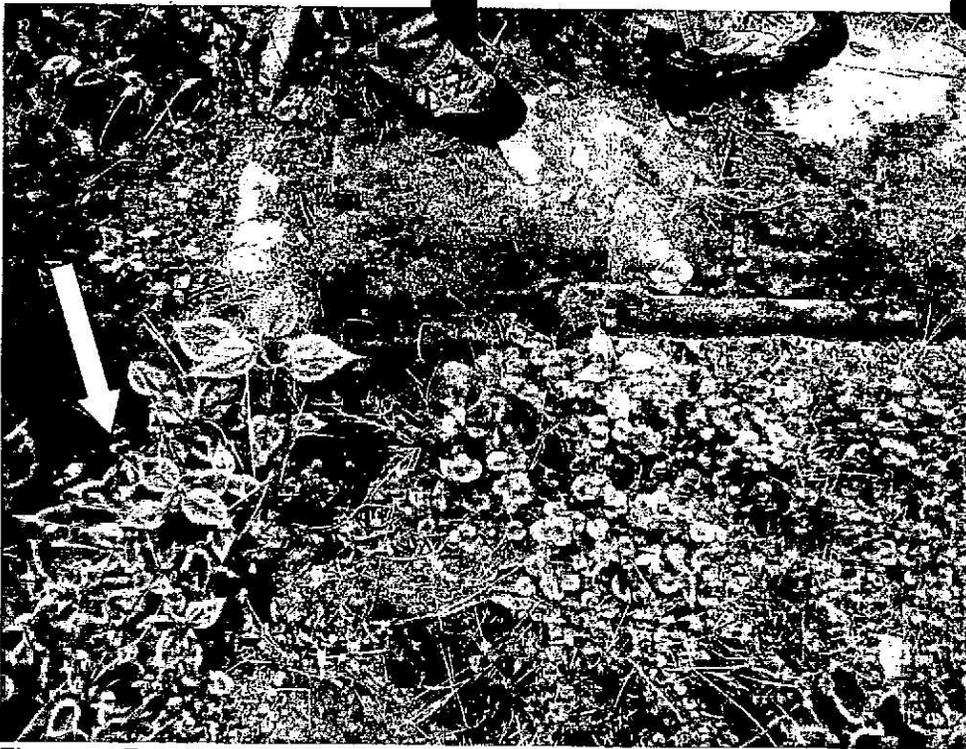
**Figure 2.** The wetland is shown in the center of this photograph. Vegetation density in the wetland has continued to increase in contrast to what was seen in 2005 (See Figure 3).



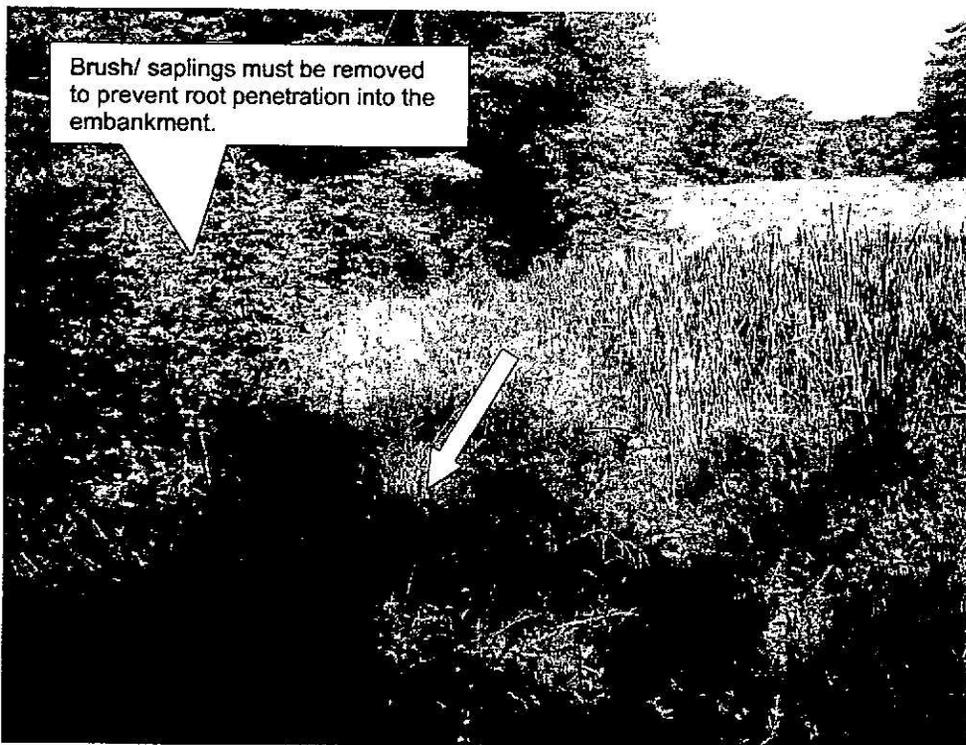
**Figure 3.** This is a 2005 photograph of the wetland. Note somewhat limited vegetation growth within the wetland at that time.



**Figure 4.** This photograph shows the wetland outlet pipe and a stepped arrangement of concrete block steps to help increase the dissolved oxygen concentration in discharged wastewater prior to the effluent sampling location.



**Figure 5.** The white arrow in this photograph shows the location where effluent samples are collected. The surface of concrete blocks must be kept free of sediment/algae which may contaminate a sample and result in permit effluent limitation violations.



**Figure 6.** The white arrow in this photograph shows the top of the wetland embankment. Vegetation needs to be controlled to maintain a path along the embankment top and to prevent brush/sapling roots from penetrating into and damaging the embankment. Burrowing animals such as woodchucks must also be controlled to prevent embankment damage.

