



Environmental
Protection Agency

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

Re: Williams County
Hillside Country Living
NPDES Permit

September 27, 2011

Williams County Commissioners
One Courthouse Square
Bryan, Ohio 43506

Dear Commissioners:

On September 14, 2011, an operation and maintenance inspection was made of the wastewater treatment plant serving Hillside Country Living. The treatment facility is located on 09876 County Road 16 in Jefferson Township, Williams County. Mr. Steve Bowling was present and provided information regarding the operation of the treatment plant. This inspection was conducted as part of your National Pollutant Discharge Elimination System (NPDES) permit No. 2PG00086.

At the time of the inspection, the wastewater treatment facilities were in operation and the contents of the aeration tanks were brown. The final discharge from the plant was visually clear. However, we did not collect effluent samples to determine the water quality of the discharge during our visit.

Our review of your discharge monitoring reports (1/1/2010 to 9/1/2011) for this facility indicated a few effluent violations. Please refer to the enclosed violation table. Our completed inspection form is enclosed for your review. If you have any questions or comments please call Jason Ko at (419) 373-3021.

Yours truly,

Elizabeth A. Wick, PE
WQ Engineer/Section Manager
Division of Surface Water

CK/cs

Enclosures

pc: Willis Allomong, WW Operator
\\DSW, NWDO File \



**OHIO ENVIRONMENTAL PROTECTION AGENCY
OPERATION AND MAINTENANCE INSPECTION**

NPDES Permit No. 2PG00086

Facility Name: Hillside Country Living Expiration Date: May 31, 2012

Facility Address: 09876 County Road 16 Date: 9/14/2011 Time: 11:45 am

City: Bryan County: Williams Township: Jefferson

Name and Address of Owner: Williams County commissioners, Courthouse, Bryan, OH 43506

Person Contacted: Mr. Steve Bowling, Operator Phone: (419) 636-8739

Flow: Design: 42,000 GPD Present GPD

Trib. Pop. (estimated) Weather at time of inspection: Temp sunny & 70

OEPA Personnel: Jason Ko District: NWDO

1. Plant Effluent - Mark Severity No.

| No. | Severity Description | No. | Turbidity | No. | Odor | No. | Color |
|-----|----------------------|-----|--------------|-----|--------|-----|-----------|
| 0 | None | X | Clear | X | None | X | Colorless |
| 1 | Mild | | | | | | |
| 2 | Moderate | | Light Solids | | Musty | | Grey |
| 3 | Serious | | | | | | |
| 4 | Extreme | | Heavy Solids | | Septic | | Black |

2. Effect of effluent on Receiving Stream Name: Not Observed

| No. | Severity Description | No. | Turbidity | No. | Odor | No. | Color |
|-----|----------------------|-----|--------------|-----|--------|-----|-----------|
| 0 | None | | Clear | | None | | Colorless |
| 1 | Mild | | | | | | |
| 2 | Moderate | | Light Solids | | Musty | | Grey |
| 3 | Serious | | | | | | |
| 4 | Extreme | | Heavy Solids | | Septic | | Black |

3. a. Plant has excellent good X fair poor operation
 b. Plant has excellent good X fair poor maintenance
 c. Sand filters have excellent good X fair poor maintenance

d. Not operating at expected efficiency due to:

- (1) hydraulic overload
 (2) organic/ solids overload
 (3) personnel inefficiency
 (4) equipment failure
 (5) wastes
 (6)

Disinfection: (Required May 1 thru Oct.31.)

IN OUT
X Chlorination
X Dechlorination
 U.V

- | | | | | | |
|----------|-----------------|-----------------------------------|---------------------|--------------------------------------|-----------------|
| Yes | No | | Yes | No | Parameters |
| <u>X</u> | <u> </u> | Compliance with NPDES Permit | Periodic Violations | <u> </u> | <u> </u> |
| <u>X</u> | <u> </u> | Adequate Plant Safety | Chronic Violation | <u> </u> | <u> </u> |
| <u>X</u> | <u> </u> | Operation and Maintenance Service | Name: | <u>Williams County Sanitary Dept</u> | |

Frequency of Visits: Daily



Facility Name: Hillside Country Living

| Process | # Units | Unit | If Needed - Description and Comments |
|---------------------|---------|---|---|
| Preliminary | 1 | Trash Trap | Pumping Frequency: 1/Qtr |
| | | Grease Trap | Pumping Frequency: |
| | | Bar Screen | |
| | | Comminutor | |
| | 1 | Flow Equalization | |
| Aeration Equipment | | Plant Timer <u>X</u> <u>Y</u> <u> </u> <u>N</u> | Cycle Time: 22 hrs "ON" & 2 hrs "OFF" |
| | 2 | Motor/ Blower Unit | |
| Secondary Treatment | 5 | Aeration Tank | Color : brown Adequate Aeration: Y <u>X</u> N <u> </u> |
| Final Settling | 2 | Clarifier | With 4 hoppers |
| | 4 | Sludge Return | In <u>X</u> Out <u> </u> Returning solids |
| | 2 | Surface Skimmer | In <u>X</u> Out <u> </u> Returning clear |
| | | Fixed Media Clarifier | |
| Tertiary Treatment | 2 | Surface Sand Filter | |
| | | Polishing Pond | |
| | | Other | |
| Disinfection | IN | Chlorine | |
| | IN | Dechlorination | |
| | | Ultraviolet (UV) | |
| Flow Metering | IN | Elapsed Pump Time | At dosing tank |
| | | Other | |
| Pumps | | Raw Wastewater (type) | |
| | 1 | Sand Filter Effluent Dosing | Installed hour meter |
| Sludge Handling | 1 | Aerated Storage Tank | Out |
| | | Sludge Drying Bed | |
| Sludge Disposal | | Municipal POTW | |
| | | Landfill | |
| | | Land Application | |
| Advanced Treatment | | Post Aeration | |
| | | Spray Irrigation | |
| | | Other | |



Get New Data

| Permit No | Reporting Period | Station | Reporting Code | Parameter | Limit Type | Limit | Reported Value | Violation Date |
|-------------|------------------|---------|----------------|------------------------|------------|-------|----------------|----------------|
| 2PG00086*ED | October 2010 | 001 | 31616 | Fecal Coliform | 30D Conc | 1000 | 1800. | 10/1/2010 |
| 2PG00086*ED | November 2010 | 001 | 00530 | Total Suspended Solids | 7D Conc | 18 | 21. | 11/15/2010 |
| 2PG00086*ED | December 2010 | 001 | 00530 | Total Suspended Solids | 7D Conc | 18 | 20. | 12/22/2010 |
| 2PG00086*ED | July 2011 | 001 | 31616 | Fecal Coliform | 7D Conc | 2000 | 2000. | 7/1/2011 |

