



State of Ohio Environmental Protection Agency

**Northwest District Office**

347 North Dunbridge Rd.  
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468  
www.epa.state.oh.us

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

Re: Williams County  
Hillside Country Living  
NPDES Permit

July 13, 2009

Williams County Commissioners  
One Courthouse Square  
Bryan, Ohio 43506

Dear Commissioners:

On June 18, 2009, 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. Mr. Willis Allomong was present and provided information regarding the operation of the treatment plant.

At the time of the inspection, the wastewater treatment facilities were in operation and the contents of the aeration tanks were brown. One of the two sand filters was ponded and the other needed to be cleaned. 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.

We recommend that an hour meter be installed at the dosing pump to more accurately measure the plant flow. Also, please note that disinfection is required to be in operation from May 1 through October 31.

Our review of your discharge monitoring reports (1/1/2008 to 6/1/2009) for this facility indicated two 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 Wick, P.E.  
WQ Engineer  
Division of Surface Water

/lb

Enclosures

pc: Willis Allomong, WW Operator

~~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: 6/18/2009 Time: 10:30 am

City: Bryan County: Williams Township: Jefferson

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

Person Contacted: Mr. Willis Allomong, Operator Phone: (419) 636-8739

Flow: Design: 42,000 GPD Present                      GPD

Trib. Pop.                      (estimated) Weather at time of inspection: Temp Cloudy & 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                      fair X 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.) - N/A

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                             |  |
|                     |         | Flow Equalization                      |  |
| Aeration Equipment  |         | Plant Timer <u>X</u> <u>Y</u> <u>N</u> | Cycle Time: 22 hrs "ON" & 2 hrs "OFF"                      |
|                     | 2       | Motor/ Blower Unit                     |  |
| Secondary Treatment | 5       | Aeration Tank                          | Color: brown<br>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                    | 1 was ponded and 1 needed to be cleaned                    |
|                     |         | Polishing Pond                         |  |
|                     |         | Other                                  |  |
| Disinfection        | Out     | Chlorine                               | Required 5/1 thru 10/31                                    |
|                     | Out     | Dechlorination                         |  |
|                     |         | Ultraviolet (UV)                       |  |
| Flow Metering       |         | Elapsed Pump Time                      |  |
|                     | IN      | Other                                  | Use design flow  |
| Pumps               |         | Raw Wastewater (type)                  |  |
|                     | 1       | Sand Filter Effluent Dosing            | Need to install hour meter to estimate the flow            |
| 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 | September 2008   | 001     | 31616          | Fecal Coliform | 30D Conc   | 1000  | 2900.          | 9/1/2008       |
| 2PG00086*ED | September 2008   | 001     | 31616          | Fecal Coliform | 7D Conc    | 2000  | 2900.          | 9/1/2008       |