



Environmental  
Protection Agency

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

Re: Richland County  
Pleasant Hill Outdoor Center  
NPDES Permit

June 15, 2011

Mr. Scott Hall, Director  
Pleasant Hill Outdoor Center  
4654 Pleasant Hill Road  
Perrysville, Ohio 44864

Dear Mr. Hall:

On June 8, 2011, an inspection was made of the wastewater treatment facilities serving the Pleasant Hill Outdoor Center located at 4654 Pleasant Hill Road, Perrysville, Richland County. Mr. Jim Machin, your certified operator, was present to provide information on the plant operations. The condition of the plant was satisfactory and a clear effluent was being discharged. No major concerns with the plant operations were noted.

In our previous inspection we discussed the need to install a weir or metal plate at the downstream end of the UV channel in order to keep the bulbs submerged. This has not yet been completed. This work shall be completed over the coming winter when the UV system is not in operation.

During the inspection you mentioned that an additional cabin with water and sewer service was being constructed. This cabin will tie into an existing sanitary line approximately 100 feet away. Please provide our office with a sketch of the location of the line from the new cabin to the existing sewer. Only premium joint PVC sewer pipe should be used.

We also discussed the need to keep a log book of the operations of the treatment plant. This log is required as part of your NPDES permit. The log should contain the name or initials of the person making an entry, time in and time out for the visits by the certified operator, as well as the results of any samples taken (i.e. daily checks of odor, color, turbidity, and flow rate). A minimum of three months of data should be available at the treatment plant for review.

A review of your discharge monitoring reports for the months of June 2010, through April 2011, revealed several violations of the limits contained in your NPDES permit. A printout of the violations is enclosed for your review.

Mr. Scott Hall, Director  
June 15, 2011  
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If you have any questions, please call me at 419-373-3070.

Sincerely,



Walter Ariss  
Environmental Specialist II  
Division of Surface Water

/llr

Enclosure

pc: <DSW-NWDO File >  
Jim Machin

[Get New Data](#)

## Pleasant Hill Outdoor Center NPDES permit limit violations June 2010 through April 2011

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00173*CD	July 2010	001	00530	Total Suspended Solids	30D Conc	12	28.	7/1/2010
2PR00173*CD	July 2010	001	00530	Total Suspended Solids	30D Qty	0.45	.57229	7/1/2010
2PR00173*CD	July 2010	001	00530	Total Suspended Solids	1D Conc	18	28.	7/29/2010
2PR00173*CD	September 2010	001	00530	Total Suspended Solids	30D Conc	12	34.	9/1/2010
2PR00173*CD	September 2010	001	00530	Total Suspended Solids	1D Conc	18	34.	9/29/2010
2PR00173*CD	November 2010	001	00530	Total Suspended Solids	30D Conc	12	16.	11/1/2010
2PR00173*CD	December 2010	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	4.98	12/1/2010
2PR00173*CD	December 2010	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	4.98	12/15/2010

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION  
 WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2PR200173

Facility Name Pleasant Hill Outdoor Center Expiration Date 2/28/2014

Facility Address 41654 Pleasant Hill Road Date 6/8/11 Time 11:30 am (pm)

City Perryville County Richland Township \_\_\_\_\_

Name and Address of Owner \_\_\_\_\_

Person Contacted Scott Hall-Director, Jim Machin Owner Phone \_\_\_\_\_

Flow: Design 10,000 GPD Present 450-1500 GPD (metered - estimated)

Trib. Pop. \_\_\_\_\_ (actual - estimated) Weather at time of inspection: Temp 87° sun

OEPA Personnel Walter Ariss District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	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: tributary to Pleasant Hill Lake

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has \_\_\_\_\_ excellent  good \_\_\_\_\_ fair \_\_\_\_\_ poor operation  
 b. Plant has \_\_\_\_\_ excellent  good \_\_\_\_\_ fair \_\_\_\_\_ poor maintenance  
 c. Sand filters have \_\_\_\_\_ excellent  good \_\_\_\_\_ 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
_____	_____ Chlorination Tablets
_____	_____ Dechlorination Tablets
<input checked="" type="checkbox"/>	_____ U.V.

Yes No

4.  Compliance with NPDES Permit

Periodic Violations  N Parameters: \_\_\_\_\_

Chronic Violations \_\_\_\_\_

5.  Adequate plant safety

6.  Operation and Maintenance Service Name Jim Machin

Frequency of Visits 1/week

Facility Name: Pleasant Hill Outdoor Center

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	✓	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	✓	Flow Equalization	okay - EQ blower vibration has been corrected
Aeration Equipment		Plant Timer <u>Y</u> <del>N</del>	Cycle Time:
	✓	Motor/ Blower Unit <i>running</i>	
Secondary Treatment		Aeration Tank	Color: <i>good color</i> Adequate Aeration: <u>Y</u> <del>N</del>
	✓	Clarifier	<i>very good clarity</i>
Final Settling	✓	Sludge Return	In <del>X</del> Out <u>    </u>
	✓	Surface Skimmer	In <u>    </u> Out <del>X</del>
		Fixed Media Clarifier	
	✓	Surface Sand Filter	<i>west bed in use east bed, clean &amp; ready</i>
Tertiary Treatment		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	✓	Ultraviolet (UV) <i>okay</i>	<i>- need weir in channel to keep bulbs submerged</i>
Flow Metering	✓	Elapsed Pump Time	<i>on filter dosing</i>
		Recorder (continuous total)	
Pumps	✓	<del>Raw Wastewater (type)</del> <i>Flow EQ</i>	<i>okay</i>
	✓	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling	✓	Aerated Storage Tank	<i>okay</i>
		Sludge Drying Bed	
Sludge Disposal	✓	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	✓	Post Aeration	<i>on</i>
		Spray Irrigation	
		Other	