



**Environmental
Protection Agency**

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

Re: Richland County
Pebble Creek G.C.
NPDES Permit

June 20, 2011

Mr. Brad Pidgeon, Owner
Pebble Creek Golf Course
4300 Algire Road
Lexington, Ohio 44904

Dear Mr. Pidgeon:

On June 8, 2011, an inspection was made of the wastewater treatment facilities serving the Pebble Creek Golf Course located at 4300 Algire Road, Lexington, Richland County. At the time of the inspection the treatment plant appeared to be operating normally.

The new ultraviolet (UV) disinfection unit had been installed and was operational. A very clear effluent was being discharged from the treatment plant. The hole in the bottom of the clarifier weir had been repaired.

A review of the discharge monitoring reports submitted to our office for the months of June 2010, through April 2011, revealed several violations of the limits contained in your NPDES permit. A printout of these violations has been enclosed for your review. It appears that the water meter used to estimate the flows from the treatment plant was broken most of the month of April 2011. This meter should be repaired or replaced as soon as possible.

During the inspection we 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.

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 w/enclosure~~

OHIO ENVIRONMENTAL PROTECTION AGENCY
 OPERATION AND MAINTENANCE INSPECTION
 WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2PR00255

Facility Name Pebble Creek Golf Course Expiration Date 9/30/2013
 Facility Address 4300 Alvine Rd Date 6/2/11 Time 3:00 am/pm
 City Lexington County Richland Township _____
 Name and Address of Owner Bad Pidgeon
 Person Contacted _____ Owner Phone _____

Flow: Design 5000 GPD Present 100-4500 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 95° 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: unnamed trib Cedar Fork

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.

4. Yes No Compliance with NPDES Permit

Periodic Violations Y N Parameters: TSS, NH₃, BOD
 Chronic Violations _____

5. Adequate plant safety

6. Operation and Maintenance Service Name _____

Frequency of Visits _____

Facility Name: Pebble Creek GC

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	<input checked="" type="checkbox"/>	Plant Timer <u>Y</u> <input checked="" type="checkbox"/> N Motor/ Blower Unit <i>running</i>	Cycle Time:
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <i>good color</i> Adequate Aeration: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<i>fairly good clarity - hole in weir has been fixed</i>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
		Surface Skimmer	In <input type="checkbox"/> Out <input type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment		Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	<input checked="" type="checkbox"/>	Ultraviolet (UV)	<i>UV unit installed & operational</i>
Flow Metering		Elapsed Pump Time	
	<input checked="" type="checkbox"/>	Recorder (continuous total)	<i>on water well - appears to have broken in April</i>
Pumps		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

Get New Data

Pebble Creek GC NPDES permit limit violations June 2010 through April 2011

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00255*BD	June 2010	001	00530	Total Suspended Solids	30D Conc	12	110.	6/1/2010
2PR00255*BD	June 2010	001	00530	Total Suspended Solids	1D Conc	18	110.	6/14/2010
2PR00255*BD	July 2010	001	00530	Total Suspended Solids	30D Conc	12	38.	7/1/2010
2PR00255*BD	July 2010	001	00530	Total Suspended Solids	1D Conc	18	38.	7/7/2010
2PR00255*BD	August 2010	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	6.47	8/1/2010
2PR00255*BD	August 2010	001	80082	CBOD 5 day	30D Conc	10	14.4	8/1/2010
2PR00255*BD	August 2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	6.47	8/12/2010
2PR00255*BD	August 2010	001	00300	Dissolved Oxygen	1D Conc	5.0	4.2	8/17/2010
2PR00255*BD	September 2010	001	00300	Dissolved Oxygen	1D Conc	5.0	4.	9/1/2010
2PR00255*BD	October 2010	001	00530	Total Suspended Solids	30D Conc	12	39.	10/1/2010
2PR00255*BD	October 2010	001	00530	Total Suspended Solids	1D Conc	18	39.	10/4/2010
2PR00255*BD	April 2011	001	00530	Total Suspended Solids	30D Conc	12	12.4	4/1/2011