



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

Re: Richland County  
Pebble Creek Golf Course  
NPDES Permit

September 6, 2013

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

Dear Mr. Pidgeon:

On August 7, 2013, an inspection was made of the wastewater treatment facilities serving the Pebble Creek Golf Course located at 4300 Algire Road, Lexington, Richland County. The inspection was completed as part of the renewal process for the facility's National Pollutant Discharge Elimination System (NPDES) discharge permit. At the time of the inspection, the treatment plant was operating normally. A new UV unit had been installed and was in operation as the previous unit had been damaged by a power surge in June. No concerns with the plant operations were noted.

A review of the discharge monitoring reports submitted to our office for the months of March through July 2013 revealed two **violations** of the limits contained in your NPDES permit. Both violations occurred in July for the parameter Nitrogen, Ammonia. During the inspection, you mentioned that you had been letting a faucet in the basement drip water in an effort to add alkalinity to the treatment plant since this spring. The faucet had been shut off for most of the month of July. You suspected this led to the violation, and once the July test results were received, the faucet was turned back on.

Our office will complete drafting your renewal NPDES permit in the coming weeks. You will receive a draft copy of the permit for review and comment. Please contact our office if you have any questions regarding the permit renewal.

If you have any questions, please call me at 419-373-3070.

Sincerely,

Walter Ariss, P.E.  
Environmental Specialist II  
Division of Surface Water

/jlm

Enclosure

ec: Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION  
WWTP'S LESS THAN 150,000 GPD

NPDES Permit No. 2PR00255

Facility Name Pebble Creek Golf Course Expiration Date 9/30/13  
 Facility Location 4300 Algire Rd Date 8/7/13 Time 11:00 am pm  
 City Lexington County Richland Township \_\_\_\_\_  
 Name of Owner Brad Pidgeon Owner Phone \_\_\_\_\_  
 Person Contacted Rhonda Pidgeon Operator of Record Rhonda + Brad  
 Flow: Design 5,000 GPD WWTP Classification: X A or    I  
 Trib. Pop. \_\_\_\_\_ (actual - estimated) Weather at time of inspection: Temp 75° - clouds  
 OEPA Personnel Walter Ariss District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	Turbidity	Odor	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: unmarked trib Cedar Fork Mohican

No.	Severity Description	Turbidity	Odor	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- N/A  
no filters  
 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
_____	_____
_____	_____
<input checked="" type="checkbox"/>	_____

Chlorination Tablets  
 Dechlorination Tablets  
 Ultraviolet (U.V.)

Yes No

4.  Compliance with NPDES Permit

Periodic Violations    Y    N Parameters: N/A  
 Chronic Violations \_\_\_\_\_

5.  O & M logbook kept and available on site: Location in basement in well closet

6. \_\_\_\_\_ Staffing Requirement Met (Class A - 2 days per week for minimum 1 hour per week)  
 (Class I - 3 days per week for minimum 1.5 hours per week)

7.  Adequate Plant Safety: Deficiencies \_\_\_\_\_

Facility Name: Pebble Creek Golf Course

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	X	Trash Trap	Pumping Frequency ?
		Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	X	Plant Timer <u>Y</u> <del>X</del> N	Cycle Time:
		Motor / Blower Unit <u>running</u>	
Secondary Treatment	X	Aeration Tank	Color: <u>color is weak</u> Adequate Aeration <u>Y</u> N
Final Settling	X	Clarifier	<u>good clarity</u>
	X	Sludge Return	In <del>X</del> Out
		Surface Skimmer	In Out
		Fixed Media Clarifier	
Tertiary Treatment		Surface Sand Filter	
		Polishing Pond	
		Other	
<u>none</u>			
Disinfection		Contact Tank	
		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	X	Ultraviolet (UV)	<u>new unit installed late June</u>
Flow Metering		Elapsed Pump Time	
	X	Recorder (continuous total)	<u>on water well</u>
Pumps		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
<u>none</u>			
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
<u>none</u>			
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
<u>none</u>			
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	
<u>none</u>			