



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

Re: **Notice of Violation**  
Richland County  
Sites Lake Cottage Area  
NPDES permit

October 4, 2013

Mr. Gary Taylor  
Muskingum Watershed Conservancy District  
1319 Third Street Northwest  
P.O. Box 349  
New Philadelphia, Ohio 44663

Dear Mr. Taylor:

On September 4, 2013, an inspection was made of the wastewater treatment facilities serving the Sites Lake cottage area, Mifflin Township, Richland County. The cottage area is located on the south side of U.S. 30, approximately one mile west of the Richland/Ashland County line. The wastewater treatment plant (WWTP) is located on the north side of U.S. 30 and is accessed from a gravel lane off of Crider Road. Mr. Tim Parks, the operator of record, and you were present to answer questions regarding the plant operations.

At the time of the inspection, all of the treatment units were online. A clear final effluent was observed at the outfall. Tim stated that the trash trap had not been pumped since mid-2012. We recommend that this be done annually, at a minimum. No other major concerns with the plant operations were noted.

A review of the discharge monitoring reports submitted to our office for the months of August 2012 through July 2013 revealed several **violations** of the limits contained in your National Pollutant Discharge Elimination System (NPDES) permit. A printout of these **violations** has been included for your review. Please be aware that your facility is considered to be in significant non-compliance for continued violations of the TSS limit in the permit.

Your facility is currently in significant non-compliance (SNC) with the limits contained in your NPDES permit. A facility becomes in SNC when it exceeds the effluent limit for four or more months in two consecutive quarters or exceeds the effluent limit significantly in any two months during two consecutive quarters. Achieving compliance with Ohio's environmental laws is a primary focus of Ohio EPA in order to reduce risks to public health and welfare.

Mr. Gary Taylor  
October 4, 2013  
Page Two

Before we initiate enforcement action, we would like to work with you to achieve satisfactory progress to bring this facility back into compliance. **Within 21 days of the date of this letter**, please submit, in writing, the actions that you propose to undertake in order to return your facility into compliance with your NPDES permit. You will also need to give us a timetable for these actions that does not extend past January 1, 2014. These actions and timetable may also be submitted by email to me at [walter.ariss@epa.state.oh.us](mailto:walter.ariss@epa.state.oh.us).

The former sewage treatment lagoons had been cleaned of all sludge and drained. The sludge was land applied on Ohio EPA authorized application sites. The bottoms of the lagoons were graded and the dikes were broken to prevent any water from accumulating in them. No concerns were noted with the results of the sludge removal project.

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

Enclosures

pc: Mike Rekestis, Muskingum Watershed Conservancy District

ec: Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PP00049

Facility Name Sites Lake College Area WWTP Expiration Date 7/31/16  
 Facility Location off Crider Rd Date 9/4/13 Time 1:40pm (pm)  
 City Mansfield County Richland Township \_\_\_\_\_  
 Name of Owner MWCD Owner Phone \_\_\_\_\_  
 Person Contacted Gary Taylor + Tim Parks Operator of Record Tim Parks + Gary Taylor  
 Flow: Design 45,000 GPD WWTP Classification: A or X  
 Trib. Pop. \_\_\_\_\_ (actual - estimated) Weather at time of inspection: Temp 75° - Sun  
 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	<input type="checkbox"/> Light Solids	<input type="checkbox"/> Musty	<input type="checkbox"/> Grey
3	Serious			
4	Extreme	<input type="checkbox"/> Heavy Solids	<input type="checkbox"/> Septic	<input type="checkbox"/> Black

2. Effect of Effluent on Receiving Stream Name: Charles Mill Lake

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	<input type="checkbox"/> Light Solids	<input type="checkbox"/> Musty	<input type="checkbox"/> Grey
3	Serious			
4	Extreme	<input type="checkbox"/> Heavy Solids	<input type="checkbox"/> Septic	<input type="checkbox"/> 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

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: \_\_\_\_\_

Chronic Violations  TSS

5.  O & M logbook kept and available on site: Location In shed on site

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: Sites Lake WWTP

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	X	Trash Trap <i>need to pump</i>	Pumping Frequency <i>haven't pump since mid 2012</i>
		Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
	X	Flow Equalization	<i>okay</i>
Aeration Equipment		Plant Timer <u>Y</u> <u>X</u> N	Cycle Time:
	X	Motor / Blower Unit <i>running</i>	
Secondary Treatment	X	Aeration Tank	Color: <i>good color</i> Adequate Aeration <input checked="" type="radio"/> Y <input type="radio"/> N
Final Settling	X	Clarifier	<i>very good clarity</i>
	X	Sludge Return	<input checked="" type="radio"/> In <input type="radio"/> Out
	X	Surface Skimmer	<input checked="" type="radio"/> In <input type="radio"/> Out
	X	Fixed Media Clarifier	
Tertiary Treatment	X	Surface Sand Filter <i>two beds in use - other 2 beds clean</i>	
		Polishing Pond	
		Other	
Disinfection		Contact Tank	
		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	X	Ultraviolet (UV)	<i>on</i>
Flow Metering	X	Elapsed Pump Time	<i>on filter dosing station</i>
		Recorder (continuous total)	
Pumps	X	Raw Wastewater (type) <i>Flow EQ</i>	<i>okay</i>
	X	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling	X	Aerated Storage Tank	<i>currently dewatering</i>
		Sludge Drying Bed	
Sludge Disposal	X	Municipal POTW	
		Landfill	
	X	Land Application <i>- from former lagoons</i>	<i>complete</i>
Advanced Treatment	X	Post Aeration	<i>off</i>
		Spray Irrigation	
		Other	

Get New Data

Sites Lake WWTP NPDES permit limit violations August 2012 through August 2013

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PP00049*BD	August 2012	001	00530	Total Suspended Solids	7D Conc	18.0	23.	8/1/2012
2PP00049*BD	August 2012	001	00530	Total Suspended Solids	30D Conc	12.0	13.75	8/1/2012
2PP00049*BD	November 2012	001	00530	Total Suspended Solids	7D Conc	18.0	19.	11/8/2012
2PP00049*BD	December 2012	581	78465	Molybdenum In Sludge	1D Conc	75	88.	12/2/2012
2PP00049*BD	February 2013	001	00530	Total Suspended Solids	30D Conc	12.0	22.5	2/1/2013
2PP00049*BD	February 2013	001	00530	Total Suspended Solids	7D Conc	18.0	41.	2/15/2013
2PP00049*BD	February 2013	001	00530	Total Suspended Solids	30D Qty	2.05	2.7252	2/1/2013
2PP00049*BD	February 2013	001	00530	Total Suspended Solids	7D Qty	3.07	4.96592	2/15/2013
2PP00049*BD	June 2013	001	00530	Total Suspended Solids	7D Conc	18.0	49.	6/1/2013
2PP00049*BD	June 2013	001	00530	Total Suspended Solids	7D Qty	3.07	4.2657	6/1/2013
2PP00049*BD	June 2013	001	00530	Total Suspended Solids	7D Conc	18.0	26.	6/15/2013
2PP00049*BD	June 2013	001	00530	Total Suspended Solids	30D Conc	12.0	23.15	6/1/2013