



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

October 4, 2013

RE: LEISURE LAKE PARK
PERMIT NO. 3PR00265
PORTAGE COUNTY
PARIS TOWNSHIP

Mr. Kent Tomkins, President
Leisure lake Park
P.O. Box 303
Diamond, Ohio 44412

Dear Mr. Tomkins:

On September 18, 2013, an inspection of the above referenced facility's wastewater treatment system was conducted. The facility was represented by Mr. Dave Mathews, Class III Waste Water Treatment Plant Operator. The purpose of the inspection was to evaluate the operation and maintenance of the treatment system along the facility's compliance status with respect to the terms and conditions of the above referenced National Pollutant Discharge Elimination System (NPDES) permit.

During the inspection, the following items were noted/ discussed:

1. Ake Environmental has been contracted and placed in charge of the technical operations of the wastewater treatment plant since May 2013.
2. Ohio EPA has on record that Mr. Dave Mathews is the current Operator of Record. The date of notification on record is May 1, 2013.
3. Mr. Mathews is in charge of the technical operations of the wastewater treatment plant. He is also responsible for collecting the effluent samples, entering the analytical results into Ohio EPA's Surface Water Information Management System, and pinning the monthly discharge monitoring report.
4. The plant design of the wastewater treatment system is 37,500 gallons per day.
5. In accordance with Ohio Administrative Code 3745-7-04, the sewage treatment facility is classified as a Class I facility. The permittee shall ensure that the treatment works Operator of Record is physically present at the facility 3 days per week for a minimum of 1.5 hours per week.
6. Ohio operator certification rules require that a field log book be maintained at the treatment plant. The log book should document the time the operator is present at the treatment works along with maintenance duties being performed at the treatment plant. This requirement is being met.
7. The treatment plant is equipped with a dual blower/motor system. Both units were tested and confirmed to be functional. Mr. Mathews indicated that he has only witnessed the west blower in operation. Alternating the use of the blowers is a good practice which should be discussed with your operator.

8. The weight loaded pressure relief valve was tested and found to be non-functional. This should be repaired/ replaced immediately.
9. The treatment plant was receiving good aeration.
10. The contents of the aeration tanks were medium brown in color.
11. Brown foam was floating on the surface of both the east and west aeration tanks.
12. Both sludge return lines were functioning properly and returning medium brown water.
13. Both skimmer return lines were functioning properly and returning clear water.
14. Floating solids were present on the surface of each settling tank.
15. The skimmers appeared to be adjusted to the proper level. However, the skimmers were not drawing in the floating solids. Mr. Mathews indicated this was a result of low flows.
16. Minimal floating solids were present behind the baffles in each settling tank. This material should be removed on a regular basis.
17. The weirs and trough in the settling tank had a minimal amount of solids in the bottom of the trough. They should be hosed off or scraped down on a regular basis.
18. The flow is measure with an ultrasonic flow meter.
19. The surface sand filter consisted of two cells. Minimal vegetation and sludge was present in each cell. It should be noted that both cells should be maintained free of vegetation and sludge at all times. All material removed from the cells should be properly disposed at a licensed solid waste landfill. Placing this material in the facility's dumpster is acceptable.
20. The sand filter cells are dosed via two bell siphons.
21. The southwest corner of the surface sand filter was beginning to fall down. Replacement or repairs to the wall should be made in the near future.
22. Both the chlorination and de-chlorination dispensing tubes were adequately stocked with tablets.
23. The chlorination and de-chlorination dispensing tubes should be continuously stocked during summer. Summer is defined as the period from May 1st through October 31st.
24. No discharge was observed. The discharge goes directly to a grass water waterway.
25. The treatment system is equipped with a sludge holding tank. The tank does not have the capability to be aerated.
26. Ohio EPA records do not indicate that solids have been removed from the plant for the past several years. Please provide this office with documentation of the last time solids were removed from the plant, the amount removed, and where it was disposed. It should be noted that solids periodically need to be removed from the treatment plant.

This office has recently reviewed your self-monitoring reports covering the period August 1, 2010 through July 31, 2013, for the referenced facility. Our review indicates violations of the terms and conditions of the facility's NPDES permit. The specific instances of noncompliance are as follows:

Limit Violations

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	50060	Chlorine, Total Residue	1D Conc	0.038	.1	8/11/2010
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	8/19/2010
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	8/28/2010
001	50060	Chlorine, Total Residue	1D Conc	0.038	.07	9/15/2010
001	00530	Total Suspended Solids	1D Conc	18	19.	11/17/2010
001	50060	Chlorine, Total Residue	1D Conc	0.038	.08	5/4/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.08	5/25/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.08	5/27/2011
001	00530	Total Suspended Solids	1D Conc	18	49.	5/11/2011
001	00530	Total Suspended Solids	1D Qty	2.6	4.11361	5/11/2011
001	00530	Total Suspended Solids	1D Conc	18	38.	5/25/2011
001	00530	Total Suspended Solids	30D Conc	12	23.25	5/1/2011
001	80082	CBOD 5 day	1D Conc	15	16.	5/11/2011
001	80082	CBOD 5 day	1D Conc	15	16.	5/25/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.07	6/1/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	6/3/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	6/8/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.06	6/20/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.09	6/27/2011
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	3	5.2	6/15/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	2	2.91	6/1/2011
001	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.43	.53929	6/15/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.09	7/1/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.1	7/11/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.07	7/12/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.1	7/13/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.1	7/18/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	7/22/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.09	7/29/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.09	8/8/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.09	8/10/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.08	8/15/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.14	8/22/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.09	8/24/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.12	8/29/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.09	8/31/2011
001	31616	Fecal Coliform	1D Conc	2000	3500.	8/3/2011
001	31616	Fecal Coliform	30D Conc	1000	3500.	8/1/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.07	9/2/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.06	9/9/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.06	9/12/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	10/2/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	10/5/2011

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Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	50060	Chlorine, Total Residue	1D Conc	0.038	.07	10/10/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.06	10/14/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	10/23/2011
001	00530	Total Suspended Solids	7D Conc	18	25.	12/15/2011
001	50060	Chlorine, Total Residue	1D Conc	0.038	.08	6/13/2012
001	00300	Dissolved Oxygen	1D Conc	6.0	5.2	6/6/2012
001	00300	Dissolved Oxygen	1D Conc	6.0	5.7	6/13/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	3.0	8.1	6/1/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	2.0	4.205	6/1/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.06	7/2/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.06	7/11/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	7/18/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.08	7/25/2012
001	80082	CBOD 5 day	7D Conc	15	17.	7/8/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.07	8/1/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.07	8/6/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.09	8/8/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.12	8/15/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.07	8/17/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.06	8/22/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	8/25/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	8/26/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.06	8/31/2012
001	00530	Total Suspended Solids	7D Conc	18	23.	8/1/2012
001	00530	Total Suspended Solids	7D Conc	18	53.	8/15/2012
001	00530	Total Suspended Solids	30D Conc	12	35.	8/1/2012
001	00530	Total Suspended Solids	7D Conc	18	56.	8/22/2012
001	80082	CBOD 5 day	7D Conc	15	17.	8/1/2012
001	80082	CBOD 5 day	30D Conc	10	13.75	8/1/2012
001	80082	CBOD 5 day	7D Conc	15	19.	8/22/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	9/3/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	9/6/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.09	9/7/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.07	9/8/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.06	9/9/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.07	9/10/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.06	9/12/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.08	9/13/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.11	9/14/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.07	9/16/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.08	9/18/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.14	9/21/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.08	9/22/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	9/23/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.08	9/24/2012

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	50060	Chlorine, Total Residue	1D Conc	0.038	.07	9/25/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	9/28/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.07	9/29/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	9/30/2012
001	00400	pH	1D Conc	6.5	6.4	9/5/2012
001	00530	Total Suspended Solids	7D Conc	18	21.	9/1/2012
001	00530	Total Suspended Solids	30D Conc	12	13.6666	9/1/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	10/1/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.07	10/2/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	10/4/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	10/5/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	10/6/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.07	10/9/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	10/10/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	10/14/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	10/15/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	10/16/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	10/21/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	10/26/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	10/27/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.05	10/29/2012
001	00530	Total Suspended Solids	7D Qty	2.56	246.025	11/15/2012
001	00530	Total Suspended Solids	30D Qty	1.71	82.2682	11/1/2012
001	80082	CBOD 5 day	7D Qty	2.13	492.05	11/15/2012
001	80082	CBOD 5 day	30D Qty	1.42	164.092	11/1/2012
001	50060	Chlorine, Total Residue	1D Conc	0.038	.21	5/13/2013
001	00530	Total Suspended Solids	7D Qty	2.56	2.6847	6/22/2013
001	00530	Total Suspended Solids	7D Qty	2.56	2.82263	7/8/2013

Code Violations

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	50050	Flow Rate			AD	1/1/2013
001	50050	Flow Rate			AD	1/2/2013
001	50050	Flow Rate			AD	1/3/2013
001	50050	Flow Rate			AD	1/4/2013
001	50050	Flow Rate			AD	1/5/2013
001	50050	Flow Rate			AD	1/6/2013
001	50050	Flow Rate			AD	1/7/2013
001	50050	Flow Rate			AD	1/8/2013
001	50050	Flow Rate			AD	1/9/2013
001	50050	Flow Rate			AD	1/10/2013
001	31648	E. coli			AK	6/26/2013

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No Frequency violations were noted.

Please be advised that such instances of noncompliance may be cause for enforcement actions pursuant to the Ohio Revised Code, Chapter 6111.

Please notify this office in writing, within 14 days receipt of this letter, of your intentions to address items 7, 8, 21, and 26 along with what action you intend to take to eliminate the total chlorine residual violations. This letter should include dates either actual or proposed. A follow-up inspection will be conducted subsequent to the completion dates.

Should you have any comments or questions concerning this letter, please feel free to call me at (330) 963-1143.

Respectfully,



Michael W. Stevens
Environmental Engineer
Division of Surface Water

MWS:bo