



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

May 3, 2013

RE: PELICAN COVE CAMPGROUND  
PERMIT NO. 3PR00348  
PORTAGE COUNTY  
DEERFIELD TOWNSHIP

Ms. Stacey Pinion, Owner  
Pelican Cove Campground  
9705 Carters Ford Road  
Deerfield, Ohio 44411

Dear Ms. Pinion:

On April 22, 2013, an inspection of the above referenced facility was conducted. The facility was represented by you. The purpose of the inspection was to: (1) evaluate the performance of the wastewater treatment system along with the facility's compliance status with respect to the terms and conditions of the above-referenced National Pollutant Discharge Elimination System (NPDES) permit and (2) determine required additional actions to be undertaken as part of the permit renewal process.

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

1. The plant design of the wastewater treatment system is 1,500 gallons per day.
2. The treatment plant is located within a fenced area with a locked gate.
3. In accordance with Ohio Administrative Code 3745-7-04, the sewage treatment facility is classified as a Class A facility. The classification requires that the Operator of Record be physically present at the treatment works two days per week for a minimum of one hour per week.
4. Ohio EPA has on record that the current Operator of Record is Mr. David Shanks. The date of notification on record is October 4, 2012.
5. 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 of Record is present at the treatment plant along with maintenance duties being performed. This requirement is being met. The log book is kept inside a mailbox adjacent to the treatment plant.
6. The treatment plant is equipped with a dual blower/motor system. Both units were functional.
7. The weight loaded pressure relief valve was tested and found to be operational.
8. The treatment plant was receiving good aeration.
9. The contents of the aeration tank were almost clear in color and no foam was present. This is an indication that the treatment plant is organically under-loaded. A medium chocolate brown color is more typical of a properly operating plant.
10. The sludge return line was functioning properly. However, it was returning clear water. The sidewalls of the settling tank may need to be scraped down. The sludge return line should be returning medium brown water.

11. The skimmer return line was not functioning. The line should be checked for blockage.
12. The top of the skimmer should be adjusted to approximately a quarter of an inch below the liquid surface when the blowers are in operation.
13. The weirs and trough in the settling tank were covered with a thin layer of solids deposition. The weirs and trough should be scraped down or hosed off on a regular basis.
14. A small amount of solids build-up was present behind the baffle in the settling tank. This material should be pumped out routinely when the trash trap is pumped.
15. Both dosing pumps were tested and confirmed to be functional. The wastewater being dosed on the sand filter was clear.
16. The discharge volume is estimated by the use of elapsed time meters on the dosing pumps.
17. The surface sand filter consisted of two cells. Both cells were well maintained. 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.
18. The tablet chlorination and de-chlorination dispensing tubes were not evaluated since disinfection is not required during winter. Winter is defined as the period from November 1<sup>st</sup> through April 30<sup>th</sup>.
19. The chlorination and de-chlorination dispensing tubes should be continuously stocked with the appropriate tablets during summer. Summer is defined as the period from May 1<sup>st</sup> through October 31<sup>st</sup>.
20. The treatment plant discharges to Berlin Lake.
21. The discharge point was not observed. However, it was noted that the water in the chlorine contact tank was clear.
22. Please note that a permanent marker at the outfall is required to be posted per the requirement of Part II, letter J. of the facility's NPDES permit.
23. Please note the following includes some of the changes that will be made to the facility's NPDES permit:
  - a. A schedule of compliance will be placed in the permit renewal, which requires the facility to meet E. Coli limits in the final table for outfall monitoring station 3PR00348001.
  - b. Loading limits for total suspended solids, ammonia, and CBOD 5 day will be placed in the permit. The initial permit for this site, which became effective on June 1, 2003, contained loading limits for these parameters. It appears these loading limits on the current permit were inadvertently left out.
  - c. Color, severity and odor, severity have been deleted from sampling station 3PR00348001.
  - d. The flow rate measuring frequency will be changed from 1/week to daily.
  - e. Fecal coliform will be changed from 1/month to 1/quarter.
  - f. Sludge weight-dry tons has been deleted from sampling station 3PR00348588.
24. Once the facility's renewal permit is drafted it will be public noticed. During public notice, you will have a 30 day period to evaluate your permit and comment in writing any concerns you may have.

This office has recently reviewed your self-monitoring reports covering the period September 1, 2008 through March 31, 2013 for the referenced facility. Our review indicates violations of the terms and conditions of your NPDES permit. The specific instances of noncompliance are as follows:

#### Limit Violations

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00530	Total Suspended Solids	30D Conc	12	34.	6/1/2009
001	31616	Fecal Coliform	30D Conc	200	350.	6/1/2009
001	00530	Total Suspended Solids	7D Conc	18	34.	6/8/2009
001	50060	Chlorine, Total Residue	1D Conc	0.019	.19	6/11/2009
001	50060	Chlorine, Total Residue	1D Conc	0.019	.27	8/13/2009
001	50060	Chlorine, Total Residue	1D Conc	0.019	.09	6/9/2010

#### Frequency Violations

Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
001	31616	Fecal Coliform	1/Month	1	0	09/01/2008
001	31616	Fecal Coliform	1/Month	1	0	10/01/2008
001	31616	Fecal Coliform	1/Month	1	0	09/01/2009

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 11 and 22. The letter should include dates, either actual or proposed, for completion of the actions.**

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

Respectfully,

*Michael W. Stevens*

Michael W. Stevens  
Environmental Engineer  
Division of Surface Water

MWS/cs