



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

August 7, 2013

RE: HINCKLEY SWIMMING AREA
PERMIT NO. 3PR00537*AD
MEDINA COUNTY
HINCKLEY TOWNSHIP

Mr. Jeremy Peppard
2191 Parker Rd.
Hinckley, Ohio 44233

Dear Mr. Peppard:

On July 24, 2013, an inspection of the above referenced facility's wastewater treatment system was conducted. The facility was represented by you. The purpose of the inspection was to evaluate the operation and maintenance of the 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.

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

1. The plant design of the wastewater treatment system is 7,000 gallons per day.
2. The treatment plant is located within a fenced area with a locked gate.
3. The treatment plant was started the second week of May.
4. 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.
5. Ohio EPA has on record that the current Operators of Record are Mr. Reinaldo Soto and you. The dates of notification on record are March 30, 2012 and June 29, 2012 respectively.
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 of Record is present at the treatment works along with maintenance duties being performed at the treatment plant. This requirement is being met. The log book is kept inside the electrical blower/motor control box.
7. The treatment plant is equipped with a dual blower/motor system. Motor #2 was not functional. You indicated that a spare motor was available and you were looking into having the existing motor rebuilt.
8. The treatment plant was receiving good aeration.
9. The weight loaded pressure relief valve was tested and found to be operational.
10. The contents of the aeration tank were light brown in color and no foam was present.
11. The treatment plant had two sludge return lines. The west sludge return line was functioning and was returning clear water. The sludge return line should be returning medium brown water. The side walls of the settling tank may need to be scraped down. The east sludge return line appeared to be plugged. This line should be checked for blockage.

12. Due to the treatment plant being located directly below a hillside of trees, falling leaves and small sticks may be contributing to the blockage of the sludge return line. It was recommended that framed screens be placed over the metal grates at the treatment plant to help prevent leaves and pine needles from falling into the treatment tanks.
13. A minimal amount of floating solids was present on the surface of the settling tank.
14. The skimmer appeared to be functioning. However, it was not drawing in any floating solids. 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.
15. The weirs and the trough in the settling tank were covered with solids deposition. The weirs and trough should be scraped down or hosed off on a regular basis
16. Both dosing pumps were tested and confirmed to be functional. The wastewater being dosed on the sand filter was clear.
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. During the last inspection it was noted that correct type of filter media was not present in the filter cells. You indicated that Inland Waters was hired to pump out the small river rock and the correct filter media was installed by metro parks personnel.
19. The splash pad and filter media needs to be leveled in each cell. Only a small portion of each cell is being utilized. Both the filter media and the splash pad should be level to assure that the entire surface of the cell is utilized when the cell is dosed.
20. The treatment plant is equipped with an ultra violet disinfection unit. The system was operating. Disinfection is required from May 1st through October 31st.
21. The flow was being measured with a Vantage 2210 ultrasonic Eastech flow meter. The unit was installed in April 2013.
22. You indicated that Inland Waters pumped out the disinfection vault prior to installing the ultraviolet disinfection unit and flow meter.
23. You also indicated that the entire electrical control panel was replaced in November 2012.
24. A permanent marker at the outfall was posted per the requirement of Part II, Letter J of the facility's NPDES permit.
25. No discharge was observed.
26. No impact to the receiving stream was observed.

This office has recently reviewed your self-monitoring reports covering the period June 1, 2011 through June 30, 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	80082	CBOD 5 day	30D Conc	10	19.	6/1/2011
001	80082	CBOD 5 day	7D Conc	15	19.	6/1/2011
001	00530	Total Suspended Solids	30D Conc	12	21.	8/1/2011
001	50060	Chlorine, Total Residue	1D Conc	0.019	.05	6/28/2012

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 7,11, 12, 15, and 19. The letter shall 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,

A handwritten signature in blue ink that reads "Michael W. Stevens".

Michael W. Stevens
Environmental Engineer
Division of Surface Water

MWS/cs