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June 8, 2011

RE: ODNR WEST BRANCH STATE PARK
PERMIT NO. 3PP00010
PORTAGE COUNTY
RAVENNA

Mr. John Wilder
Regional Park Manager
5708 Esworthy Rd.
Ravenna, Ohio 44266

Dear Mr. Wilder:

On May 24 2011, an inspection of the above referenced facility was conducted. The facility was represented by Mr. John Hebb, Class I wastewater operator and 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 design flow of the extended aeration wastewater treatment plant is 100,000 gallons per day. However, only half of the aeration tank is being utilized per design. The other half is being utilized as a flow equalization tank.
2. The wastewater tank guard rails were broke off at ground level. Per Ten State Standards, provisions shall be made to effectively protect plant personnel and visitors from hazards. Hand rails and guards around tanks are required. The guard rails should be replaced or repaired immediately.
3. The blowers were running and the plant was receiving good aeration.
4. It was noted that only two of the three blowers are operational. It is believed that both the motor and blower are not operational. The appropriate repairs should be made immediately.
5. The contents of the aeration tank were medium brown in color.
6. The flow equalization tank was also being aerated. However the sludge digester was not being aerated.
7. The decant pump to the sludge digester was broke. This pump should be repaired or replaced immediately.
8. The Wastewater treatment plant was started up the week of May 16th.
9. Both the sludge return line and skimmer return line were functioning properly.
10. Only one of two clarifiers was being utilized,
11. No solids build-up was present behind the baffle in the settling tank.
12. Minimal solids build-up was present on the weirs in the settling tank. The weirs should be scraped down.

13. The storm water downspouts from the blower building drain directly into the clarifiers. Also the bottom of the gutters are severely deteriorated which also allows storm water to enter the clarifier. See Figure 1. This can cause hydraulic overload of the clarifier and result in a poor quality effluent. The gutters should be repaired immediately and be rerouted so that they do not discharge into the clarifiers
14. The treatment system has ultraviolet disinfection. Mr. Hebb was currently in the process of installing the ultra violet units. Mr. Hebb indicated that 3 of the four ultraviolet lights have been recently replaced.
15. It should be noted that disinfection is required from May 1st through October 31st.
16. The effluent being discharged from the ultraviolet disinfection unit was clear and appeared to be of satisfactory visual quality.
17. Samples are collected and analyzed by Valley Environmental.
18. Flow, pH, and dissolved oxygen readings are taken by Mr. Hebb.
19. The facility's renewal permit will be public noticed in the near future. During public notice, you will have a 30 day period to evaluate your permit and comment in writing any concerns you may have.

Please note the following changes have been made to the facility's publicly noticed draft:

1. A schedule of compliance was placed in the permit renewal which requires the facility to meet E.Coli limits in the final table for outfall monitoring station 3PP00010001.
2. Influent monitoring station 3PP00010601 has been removed.
3. The parameter sludge weight has been removed from station 3PP00010588.
4. The parameter oil & grease has been removed from station 3PP00010001.
5. The following parameters have been added to station 3PP00010001:
 - a. residue, total dissolved
 - b. nitrite plus nitrate, total
 - c. nitrogen kjeldahl, total
 - d. color, severity
 - e. odor, severity
 - f. turbidity, severity
6. Operator Certification Language has been added to the permit. See Part II, letter A.
7. Outfall signage language has been added to the permit. See Part II, letter J.

This office has recently reviewed your self-monitoring reports covering the period September 1, 2006 through April 30, 2011 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:

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Limit Violations

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00665	Phosphorus, Total (P)	30D Conc	1.0	1.58	9/1/2006
001	00665	Phosphorus, Total (P)	7D Conc	1.5	1.58	9/15/2006
001	00530	Total Suspended Solids	30D Conc	12	13.6666	10/1/2006
001	00530	Total Suspended Solids	7D Conc	18	27.5	10/1/2006
001	00665	Phosphorus, Total (P)	30D Conc	1.0	1.02	10/1/2006
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	3.0	4.2	7/15/2007
001	31616	Fecal Coliform	7D Conc	400	550.	7/22/2007
001	00530	Total Suspended Solids	30D Conc	12	17.5555	8/1/2007
001	00530	Total Suspended Solids	7D Conc	18	47.	8/8/2007
001	00530	Total Suspended Solids	7D Conc	18	18.5	9/1/2007
001	00665	Phosphorus, Total (P)	30D Conc	1.0	1.16	6/1/2008
001	31616	Fecal Coliform	7D Conc	400	560.	7/1/2008
001	31616	Fecal Coliform	7D Conc	400	4200.	7/8/2008
001	31616	Fecal Coliform	7D Conc	400	960.	6/8/2010
001	31616	Fecal Coliform	7D Conc	400	2000.	7/15/2010
001	00665	Phosphorus, Total (P)	30D Conc	1.0	1.46	10/1/2010

Please inform this office in writing, within 21 days receipt of this letter, of your intentions to resolve items 2, 4, 7, and 13. The letter should include dates, either actual or proposed, for completion of the actions. A follow-up inspection will be conducted subsequent to the completion date.

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

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/mt

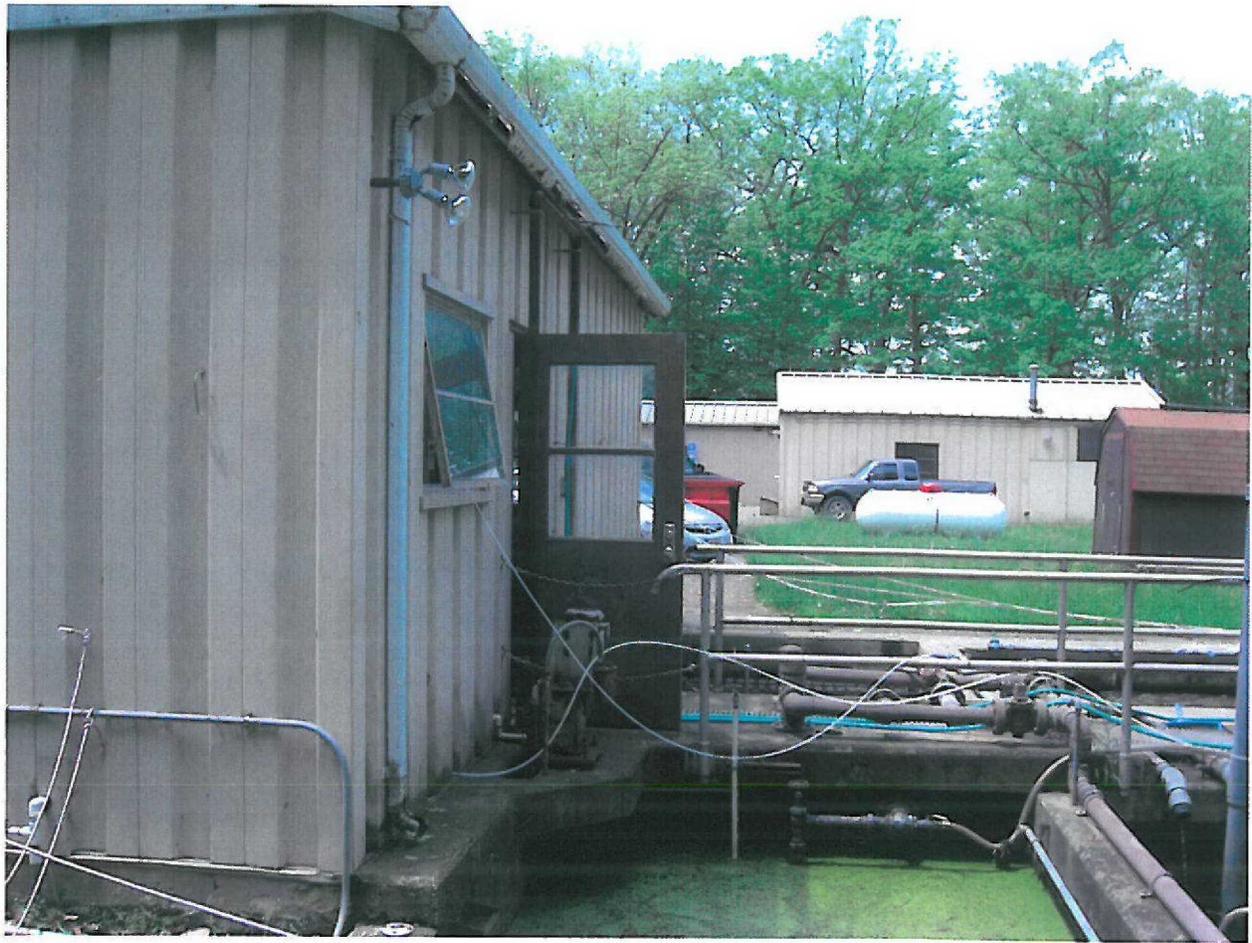


Figure 1