OhioEPA

State of Ohio Environmental Protection Agency

Southeast District Office

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Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

October 7, 2009

Re: Guernsey County
Salt Fork State Park
Compliance Inspections
Correspondence (PWW)

Mr. Larry Paden
ODNR, Salt Fork State Park
14755 Cadiz Road
Lore City, Ohio 43755

Dear Mr. Paden:

On August 25, 2009, I conducted Compliance Evaluation Inspections (CEI) at six NPDES permitted facilities at the Salt Fork State Park. The purpose of the inspections was to determine each facility's compliance status with the terms and conditions of their individual NPDES permits. The six facilities inspected were the Service Center building treatment plant, Sugartree Marina plant, the Lodge plant, the Campground plant, the Marina plant, and the Beach plant. All inspections were conducted in your presence.

As a result of my inspection, the following observations were made.

1. Inspection of the Sugartree Marina wastewater treatment plant showed minimal scum on the surface of the settling tank and the weir to be free of any substantial solids. The two filters beds were also clean and the small retention pond with the pump for the spray field had approximately three feet of treated wastewater. The treated water was observed to be relatively clear and the spray field was found to be well maintained and dry.

2. The main wastewater treatment facility serving the lodge and cabins appeared to be well maintained and providing effective treatment. The settling tank was found to be relatively clear and the weir trough clean and free of any solids. At the time of my inspection the effluent was clear and the facility was in substantial compliance with the terms and conditions of the permit.

3. The campground wastewater treatment plant was found to be well maintained with all treatment units in operation except the one aeration tank and clarifier train. The treatment trains are typically rotated each year due to the extra treatment capacity provided at the plant. The sand filter in use was clean with only minimal vegetative growth and the three idle filters were clean but in the need of weed removal. Inspections of the chlorination and dechlorination chambers were found to contain adequate amount of tablets to provide disinfection.

4. The Salt Fork Marina wastewater treatment plant was found to be in good condition as the surface of the settling tank was clean and the weir was free of any algae or scum. The inlet baffle boards in the clarifier were found to be low and an additional board should be added to raise the height of the baffle. The storage lagoon for the treated wastewater was observed dry with no discharge over the weir.

5. The beach facility was inspected and minimal flow was observed into the plant as it serves only a single restroom facility at the public beach. The facility is drastically oversized as average daily flows are approximately one percent of the design flow. Due to the low flows only one treatment train consisting of an extended aeration tank and clarifier are used. The treated effluent discharges to a dry one-acre lagoon containing cattails and small shrubbery. Maintenance and cleaning of the lagoon should continue to prevent the growth of any large shrubs or trees. At the time of my inspection, the bottom of the lagoon was dry and no discharge was observed.

6. Inspection of the service center treatment plant revealed the aeration tank to be leaking. According to Mr. Paden the tank was drained down and a crack was observed which will be filled with hydraulic cement. The necessary repairs are currently being made to fix the leak so full treatment can be obtained through the clarifier and filter beds. The state park is currently making plans to install a small grinder pump and small diameter force main to collect the wastewater flow and pump to the nearby campground plant. It was instructed to Mr. Paden that due to the age of the service center plant and the minimal daily flows this would be a better economical decision than spending money to maintain the plant. At the time of my inspection no discharge from the filter beds was observed due to the leak in the aeration tank.

Enclosed is a copy of my detailed inspection reports for each facility. If you have any questions, please call me at (740) 380-5416.

Sincerely,

Jake Greuey

Jake Greuey
District Representative
Division of Surface Water

JJG/dh

Enclosure

c: Tara Lee, ODNR- Division of Engineering

NPDES
Compliance Inspection Report

A. NATIONAL DATA SYSTEM CODING

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
0PP00028*DD	OH0037834	August 25, 2009	C	S	1

B. FACILITY DATA

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
ODNR- Campground Wastewater Plant Salt Fork State Park Lore City, Ohio	2:30 p.m.	April 1, 2007
	Exit Time	**Permit Expiration Date**
	2:48 p.m.	March 31, 2012

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Mr. Larry Paden, Operator	(740) 432-1507
Name, Address and Title of Responsible Official	**Phone Number**
Mr. Larry Paden ODNR- Salt Fork State Park 14755 Cadiz Road Lore City, Ohio 43755	

C. AREAS EVALUATED DURING INSPECTION

S	Permit	N/A	Flow Measurement	N/A	Pretreatment
S	Records/Reports	*	Laboratory	S	Compliance Schedules
S	Operations & Maintenance	S	Effluent/Receiving Waters	S	Self-Monitoring Program
S	Facility Site Review	S	Sludge Storage/Disposal		Other
S	Collection System				

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

D. SUMMARY OF FINDINGS/COMMENTS (attach additional sheets if necessary)

* Contract laboratory used and not evaluated.
See attached letter.

Jake Greuey

Jake Greuey, Inspector, Ohio EPA, Southeast District Office

10/5/09
Date

Timothy M. Campbell, Reviewer, Ohio EPA, Southeast District Office

Date