

**Environmental  
Protection Agency**

John Kasich, Governor

Paul Glendon, Lt. Governor

Robert M. Whitely, Director

Re: Marion County  
River Bend Campground  
NPDES Permit

September 22, 2010

Mr. Ron Lammers, President  
River Bend Campground  
P O Box 401  
Caledonia, OH 43314

Dear Mr. Lammers:

On August 31, 2010, an operation and maintenance inspection was made of the wastewater treatment plant serving River Bend Campground. This facility is located at 1092 Whetstone River Road in Claridon Township, Marion County. This inspection was conducted as part of the facility's National Pollutant Discharge Elimination System (NPDES) permit No. 2PR00189.

At the time of the inspection, the treatment facilities (South & North WWTPs) were in operation and the contents of the aeration tanks were brown with good roll. The final discharges from both plants were visually clear. However, we did not collect effluent samples to determine the water quality of the discharge during our visit.

Our review of your discharge monitoring reports (1/1/2009 to 9/1/2010) for this facility indicated a few effluent violations. Please refer to the enclosed violation table. Our completed inspection form is enclosed for your review. If you have any questions or comments please call me at (419) 373-3021.

Yours truly,



Jason Ko  
Division of Surface Water

/lb

Enclosures

pc: NWDO File

OHIO ENVIRONMENTAL PROTECTION AGENCY  
OPERATION AND MAINTENANCE INSPECTION

NPDES Permit No. 2PR00189

Facility Name: River Bend Campground Expiration Date: July 31, 2013

Facility Address: 1092 Whetstone River Road Date: 8/31/2010 Time: 10:00 am

City: Marion County: Marion Township: Claridon

Name and Address of Owner: River Bend Corporation, P O Box 401, Caledonia, OH 43314

Person Contacted: Mr. John Kincaid Phone: (740) 386-3768

Flow: Design: 5,000 GPD (South) & 7,500 GPD (North) Present 2,500 (S) & 1500 (N) GPD

Trib. Pop. 240 RVs Weather at time of inspection: Temp 85°F - Sunny

OEPA Personnel: Jason Ko District: NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	X	Clear	X	None	X	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

2. Effect of effluent on Receiving Stream Name: Olentangy River - Not Observed

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has \_\_\_\_\_ excellent X good \_\_\_\_\_ fair \_\_\_\_\_ poor operation  
 b. Plant has \_\_\_\_\_ excellent X good \_\_\_\_\_ fair \_\_\_\_\_ poor maintenance  
 c. Sand filters have \_\_\_\_\_ excellent X good \_\_\_\_\_ fair \_\_\_\_\_ poor maintenance

d. Not operating at expected efficiency due to:

Disinfection: (Required May 1 thru Oct.31.)

- (1) \_\_\_\_\_ hydraulic overload  
 (2) \_\_\_\_\_ organic/ solids overload  
 (3) \_\_\_\_\_ personnel inefficiency  
 (4) \_\_\_\_\_ equipment failure  
 (5) \_\_\_\_\_ wastes  
 (6) \_\_\_\_\_

IN    OUT  
X    \_\_\_\_\_ Chlorination  
X    \_\_\_\_\_ Dechlorination  
 \_\_\_\_\_ U.V

- |          |       |                                   |                     |                     |            |
|----------|-------|-----------------------------------|---------------------|---------------------|------------|
| Yes      | No    |                                   | Yes                 | No                  | Parameters |
| <u>X</u> | _____ | Compliance with NPDES Permit      | Periodic Violations | <u>X</u>            | _____      |
| <u>X</u> | _____ | Adequate Plant Safety             | Chronic Violation   | _____               | _____      |
| <u>X</u> | _____ | Operation and Maintenance Service | Name:               | <u>John Kincaid</u> |            |

Frequency of Visits: 1/week

Facility Name: River Bend (South Plant)

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: 1/year
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment		Plant Timer <u>X</u> <u>Y</u> <u>N</u>	Cycle Time: 1/2 hr "ON" & 1/2 hr "OFF"
	2	Motor/ Blower Unit	
Secondary Treatment	1	Aeration Tank	Color : Brown Adequate Aeration: <u>Y</u> <u>X</u> <u>N</u>
Final Settling	1	Clarifier	2 hoppers with some scum
	2	Sludge Return	In <u>X</u> Out _____ Returning solids
	1	Surface Skimmer	In <u>X</u> Out _____ Returning clear
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection	IN	Chlorine	Feed Cl at Clarifier Weir
	IN	Dechlorination	
		Ultraviolet (UV)	
Flow Metering	IN	Elapsed Pump Time	Hour meter at influent pump station
		Other	
Pumps	2	Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	IN	Municipal POTW	Haul to City of Marion
		Landfill	
		Land Application	
Advanced Treatment	IN	Post Aeration	
		Spray Irrigation	
		Other	

Facility Name: River Bend (North Plant)

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: 1/year
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	1	Flow Equalization	5000 gal. aerated w/ 2 pumps
Aeration Equipment		Plant Timer <u>X</u> <u>Y</u> <u>N</u>	Cycle Time: 1/4 hr "ON" & 3/4 hr "OFF"
	2	Motor/ Blower Unit	
Secondary Treatment	2	Aeration Tank	Color : Brown Adequate Aeration: Y <u>X</u> N <u>   </u>
Final Settling	1	Clarifier	2 hoppers with scum
	2	Sludge Return	In <u>X</u> Out <u>   </u>
	1	Surface Skimmer	In <u>X</u> Out <u>   </u>
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection	IN	Chlorine	Feed Cl at splitter box
	IN	Dechlorination	
		Ultraviolet (UV)	
Flow Metering	IN	Elapsed Pump Time	Hour meter at EQ pumps
		Other	
Pumps	2	Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	
Sludge Handling	1	Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	IN	Municipal POTW	Haul to City of Marion
		Landfill	
		Land Application	
Advanced Treatment	IN	Post Aeration	
		Spray Irrigation	
		Other	

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00189*BD	June 2010	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	14.9	6/10/2010
2PR00189*BD	June 2010	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1	14.9	6/1/2010
2PR00189*BD	June 2010	001	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.03	.07219	6/10/2010
2PR00189*BD	June 2010	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.02	.07219	6/1/2010
2PR00189*BD	June 2010	002	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.03	.03212	6/1/2010
2PR00189*BD	June 2009	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	32.	6/4/2009
2PR00189*BD	June 2009	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1	16.055	6/1/2009
2PR00189*BD	June 2009	001	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.03	.03876	6/4/2009