OhioEPA

State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.state.oh.us

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

Re: Ottawa County
Paradise Acres Campground
NPDES Permit

September 12, 2008

Mr. Jack Glass, Owner
Paradise Acres Campground
4225 N. Rider Road
Oak Harbor, Ohio 43449

Dear Mr. Glass:

On August 26, 2008, an inspection was made of the wastewater treatment plant serving Paradise Acres in conjunction with the upcoming renewal of your NPDES permit, which expired August 31st. Mr. Randy Genzman, your operator, was present and provided information on facility operations. At the time of my visit all major treatment components were in operation, however, final effluent in the chlorine contact tank exhibited a brown tint.

A review of your NPDES monthly discharge monitoring reports since 2006, indicate chronic violations of ammonia and chorine residual effluent limitations. A copy is enclosed for your review. I discussed these issues with Mr. Genzman, who recently began operational changes based on research by the Ohio Department of Transportation to address high ammonia concentrations at roadside rest area treatment plants. I have found this to be a common problem at seasonal operations. Mr. Genzman indicated that your operating season is April through October and the facility is then completely shut down. I would also recommend the smaller, old plant serving approximately 11 sites, be abandoned and the line tapped into the newer plant. This smaller plant was in poor condition and Mr. Genzman stated that effluent discharged to the chorine contact tank and mixed with effluent from the new plant. This may also be contributory to the NPDES permit effluent violations.

A schedule of compliance will be included in the NPDES permit renewal requiring all necessary improvements be made to meet final table effluent limits. Please be aware that chronic noncompliance places you in jeopardy of enforcement action from this agency. Please notify me in writing within 14 days of your plans to implement improvements to bring the plant back into compliance.

In the near future you will be receiving a "draft" copy of the NPDES permit renewal. You should review it carefully, as there is a 30 day comment period to respond to any permit conditions. Please continue to operate under the expired permit until such time the renewal becomes effective.

Enclosed is our completed inspection report. If there are any errors, or if you have any questions, please feel free to call me at (419) 373-3020 or email at rick.zuzik@epa.state.oh.us .

Sincerely,

Richard A. Zuzik, MSE
Division of Surface Water

/llr

pc: Ottawa County Health Department
Randy Genzman
DSW-NWDO File

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION
WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2PR00192

Facility Name Paradise Acres Campground Expiration Date 9-30-08

Facility Address 4225 N. Rider Rd Date 8-26-08 Time 2:00 am pm

City – County Ottawa Township Carroll

Name and Address of Owner Jack Glass

Person Contacted Randy Genzman, Operator Owner Phone 419 898-8066

Flow: Design 31,500 GPD Present 10,000 GPD (metered estimated)

Trib. Pop. 245 sites (actual - estimated) Weather at time of inspection: Temp 75° Clear

OEPA Personnel Rick Zuzik District NWDO

1. Plant Effluent - Mark Severity No.

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

2. Effect of effluent on Receiving Stream Name: Beef Creek – 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 ✓ good ____ fair ____ poor operation
b. Plant has ____ excellent ✓ good ____ fair ____ poor maintenance
c. Sand filters have ✓ excellent ____ good ____ fair ____ poor maintenance

d. Not operating at expected efficiency due to:

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

Disinfection: (Required May 1 thru Oct. 31)

IN	OUT	
✓		Chlorination Tablets
✓		Dechlorination Tablets
		Ultraviolet (U.V.)

4. Yes ____ No ✓ Compliance with NPDES Permit (4/06 thru 7/08)

	Y	N	Parameters:
Periodic Violations	✓		TSS
Chronic Violations	✓		Ammonia, Cl2

5. ✓ ____ Adequate plant safety

6. ✓ ____ Operation and Maintenance Service

Name Randy Genzman

Frequency of Visits daily

Facility Name: Paradise Acres

Process	# Units	Unit	If Needed – Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency
		Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
	1	Flow Equalization	
Aeration Equipment		Plant Timer _____Y _____N Motor / Blower Unit	Cycle Time:
Secondary Treatment	3	Aeration Tank	Color: Dilute Brown Adequate Aeration Y ✓ N
Final Settling	1	Clarifier	turbid weir dry ATOV
	3	Sludge Return	In ✓ Out ____
	2	Surface Skimmer	In ✓ Out ____
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	very clean
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	
	1	Chlorine Tube Feeder	
	1	Dechlorination Tube Feeder	
		Ultraviolet (UV)	
Flow Metering	✓	Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling	1	Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	✓	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	1	Post Aeration	
		Spray Irrigation	
		Other	

1/06- 7/08

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00192*AD	August 2006	001	00530	Total Suspended Solids	30D Conc	12	24.8	8/1/2006
2PR00192*AD	August 2006	001	00530	Total Suspended Solids	7D Conc	18	27.	8/8/2006
2PR00192*AD	August 2006	001	00530	Total Suspended Solids	7D Conc	18	42.	8/15/2006
2PR00192*AD	August 2006	001	00530	Total Suspended Solids	7D Conc	18	20.	8/22/2006
2PR00192*AD	August 2006	001	00530	Total Suspended Solids	7D Qty	2.2	2.86146	8/15/2006
2PR00192*AD	August 2006	001	00610	Nitrogen, Ammonia (NH	30D Conc	1.0	1.478	8/1/2006
2PR00192*AD	August 2006	001	00610	Nitrogen, Ammonia (NH	7D Conc	1.5	1.59	8/8/2006
2PR00192*AD	August 2006	001	00610	Nitrogen, Ammonia (NH	7D Conc	1.5	4.47	8/15/2006
2PR00192*AD	August 2006	001	00610	Nitrogen, Ammonia (NH	7D Qty	0.18	.30454	8/15/2006
2PR00192*AD	August 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	8/9/2006
2PR00192*AD	September 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.06	9/5/2006
2PR00192*AD	September 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.09	9/14/2006
2PR00192*AD	September 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.06	9/21/2006
2PR00192*AD	September 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.08	9/25/2006
2PR00192*AD	October 2006	001	00530	Total Suspended Solids	30D Conc	12	17.	10/1/2006
2PR00192*AD	October 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	10/6/2006
2PR00192*AD	October 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.15	10/10/2006
2PR00192*AD	July 2006	001	00530	Total Suspended Solids	30D Conc	12	16.6666	7/1/2006
2PR00192*AD	July 2006	001	00530	Total Suspended Solids	7D Conc	18	19.	7/8/2006
2PR00192*AD	July 2006	001	00610	Nitrogen, Ammonia (NH	30D Conc	1.0	1.33333	7/1/2006
2PR00192*AD	July 2006	001	00610	Nitrogen, Ammonia (NH	7D Conc	1.5	3.14	7/8/2006
2PR00192*AD	July 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	1.24	7/9/2006
2PR00192*AD	July 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.29	7/10/2006
2PR00192*AD	July 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.12	7/11/2006
2PR00192*AD	July 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.08	7/12/2006
2PR00192*AD	July 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.15	7/13/2006
2PR00192*AD	July 2006	001	50060	Chlorine, Total Residu	1D Conc	0.019	.06	7/31/2006
2PR00192*AD	October 2007	001	00610	Nitrogen, Ammonia (NH	30D Conc	1.0	1.215	10/1/2007
2PR00192*AD	October 2007	001	00610	Nitrogen, Ammonia (NH	7D Conc	1.5	1.77	10/1/2007
2PR00192*AD	October 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.12	10/1/2007
2PR00192*AD	October 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.07	10/2/2007
2PR00192*AD	October 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.07	10/4/2007
2PR00192*AD	October 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.12	10/11/2007

2PR00192*AD	October 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.06	10/12/2007
2PR00192*AD	June 2008	001	00610	Nitrogen, Ammonia (NH	30D Conc	1.0	7.025	6/1/2008
2PR00192*AD	June 2008	001	00610	Nitrogen, Ammonia (NH	7D Conc	1.5	5.6	6/1/2008
2PR00192*AD	June 2008	001	00610	Nitrogen, Ammonia (NH	7D Conc	1.5	5.9	6/8/2008
2PR00192*AD	June 2008	001	00610	Nitrogen, Ammonia (NH	7D Conc	1.5	1.9	6/15/2008
2PR00192*AD	June 2008	001	00610	Nitrogen, Ammonia (NH	7D Conc	1.5	14.7	6/22/2008
2PR00192*AD	June 2008	001	00610	Nitrogen, Ammonia (NH	30D Qty	0.12	.31614	6/1/2008
2PR00192*AD	June 2008	001	00610	Nitrogen, Ammonia (NH	7D Qty	0.18	.21196	6/1/2008
2PR00192*AD	June 2008	001	00610	Nitrogen, Ammonia (NH	7D Qty	0.18	.22332	6/8/2008
2PR00192*AD	June 2008	001	00610	Nitrogen, Ammonia (NH	7D Qty	0.18	.77895	6/22/2008
2PR00192*AD	June 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.13	6/3/2008
2PR00192*AD	June 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.12	6/4/2008
2PR00192*AD	June 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.14	6/5/2008
2PR00192*AD	June 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.19	6/10/2008
2PR00192*AD	June 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.07	6/11/2008
2PR00192*AD	June 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	6/12/2008
2PR00192*AD	June 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.15	6/17/2008
2PR00192*AD	June 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	6/18/2008
2PR00192*AD	June 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.1	6/19/2008
2PR00192*AD	June 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.13	6/23/2008
2PR00192*AD	June 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.1	6/24/2008
2PR00192*AD	June 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.06	6/25/2008
2PR00192*AD	June 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.06	6/27/2008
2PR00192*AD	August 2007	001	00610	Nitrogen, Ammonia (NH	7D Conc	1.5	1.63	8/1/2007
2PR00192*AD	August 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.06	8/1/2007
2PR00192*AD	August 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	8/3/2007
2PR00192*AD	August 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.07	8/15/2007
2PR00192*AD	August 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	8/16/2007
2PR00192*AD	August 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.09	8/23/2007
2PR00192*AD	August 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	8/24/2007
2PR00192*AD	August 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.06	8/27/2007
2PR00192*AD	May 2008	001	00610	Nitrogen, Ammonia (NH	30D Conc	1.0	7.4775	5/1/2008
2PR00192*AD	May 2008	001	00610	Nitrogen, Ammonia (NH	7D Conc	1.5	1.88	5/15/2008
2PR00192*AD	May 2008	001	00610	Nitrogen, Ammonia (NH	30D Qty	0.12	.20132	5/1/2008
2PR00192*AD	May 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.59	5/1/2008
2PR00192*AD	May 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.34	5/2/2008
2PR00192*AD	May 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.21	5/5/2008

2PR00192*AD	May 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.26	5/6/2008
2PR00192*AD	May 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.23	5/7/2008
2PR00192*AD	May 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.24	5/8/2008
2PR00192*AD	May 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.34	5/9/2008
2PR00192*AD	May 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.12	5/12/2008
2PR00192*AD	May 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.11	5/13/2008
2PR00192*AD	May 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.09	5/14/2008
2PR00192*AD	May 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.08	5/15/2008
2PR00192*AD	May 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.09	5/16/2008
2PR00192*AD	May 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.06	5/19/2008
2PR00192*AD	May 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.08	5/20/2008
2PR00192*AD	May 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.07	5/21/2008
2PR00192*AD	May 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	5/29/2008
2PR00192*AD	May 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	5/30/2008
2PR00192*AD	May 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	5.69	5/29/2008
2PR00192*AD	May 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	5.39	5/30/2008
2PR00192*AD	July 2008	001	00610	Nitrogen, Ammonia (NH	30D Conc	1.0	10.415	7/1/2008
2PR00192*AD	July 2008	001	00610	Nitrogen, Ammonia (NH	7D Conc	1.5	10.9	7/1/2008
2PR00192*AD	July 2008	001	00610	Nitrogen, Ammonia (NH	7D Conc	1.5	11.5	7/15/2008
2PR00192*AD	July 2008	001	00610	Nitrogen, Ammonia (NH	7D Conc	1.5	8.06	7/22/2008
2PR00192*AD	July 2008	001	00610	Nitrogen, Ammonia (NH	30D Qty	0.12	.43599	7/1/2008
2PR00192*AD	July 2008	001	00610	Nitrogen, Ammonia (NH	7D Qty	0.18	.41257	7/1/2008
2PR00192*AD	July 2008	001	00610	Nitrogen, Ammonia (NH	7D Qty	0.18	.4788	7/15/2008
2PR00192*AD	July 2008	001	00610	Nitrogen, Ammonia (NH	7D Qty	0.18	.64065	7/22/2008
2PR00192*AD	July 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.06	7/1/2008
2PR00192*AD	July 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.06	7/7/2008
2PR00192*AD	July 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.17	7/15/2008
2PR00192*AD	July 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.09	7/22/2008
2PR00192*AD	July 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	7/23/2008
2PR00192*AD	July 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.1	7/25/2008
2PR00192*AD	July 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	5.91	7/7/2008
2PR00192*AD	September 2007	001	00610	Nitrogen, Ammonia (NH	30D Conc	1.0	2.1475	9/1/2007
2PR00192*AD	September 2007	001	00610	Nitrogen, Ammonia (NH	7D Conc	1.5	2.28	9/1/2007
2PR00192*AD	September 2007	001	00610	Nitrogen, Ammonia (NH	7D Conc	1.5	4.54	9/8/2007
2PR00192*AD	September 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.07	9/6/2007
2PR00192*AD	September 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.07	9/12/2007
2PR00192*AD	September 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.13	9/13/2007

2PR00192*AD	September 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.17	9/14/2007
2PR00192*AD	September 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.14	9/18/2007
2PR00192*AD	September 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.09	9/25/2007
2PR00192*AD	September 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	9/26/2007
2PR00192*AD	September 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	9/27/2007
2PR00192*AD	September 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	9/28/2007
2PR00192*AD	May 2007	001	00530	Total Suspended Solids	30D Conc	12	14.75	5/1/2007
2PR00192*AD	May 2007	001	00530	Total Suspended Solids	7D Conc	18	28.	5/15/2007
2PR00192*AD	May 2007	001	00610	Nitrogen, Ammonia (NH	30D Conc	1.0	1.058	5/1/2007
2PR00192*AD	May 2007	001	00610	Nitrogen, Ammonia (NH	7D Conc	1.5	2.5	5/15/2007
2PR00192*AD	May 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.07	5/2/2007
2PR00192*AD	May 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.08	5/15/2007
2PR00192*AD	May 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.1	5/23/2007
2PR00192*AD	May 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.07	5/29/2007
2PR00192*AD	May 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.08	5/30/2007
2PR00192*AD	June 2007	001	00530	Total Suspended Solids	30D Conc	12	14.25	6/1/2007
2PR00192*AD	June 2007	001	00610	Nitrogen, Ammonia (NH	7D Conc	1.5	2.02	6/15/2007
2PR00192*AD	June 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.08	6/6/2007
2PR00192*AD	June 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.11	6/26/2007
2PR00192*AD	June 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.09	6/27/2007
2PR00192*AD	June 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.07	6/28/2007
2PR00192*AD	July 2007	001	00530	Total Suspended Solids	30D Conc	12	22.25	7/1/2007
2PR00192*AD	July 2007	001	00530	Total Suspended Solids	7D Conc	18	20.	7/8/2007
2PR00192*AD	July 2007	001	00530	Total Suspended Solids	7D Conc	18	21.	7/15/2007
2PR00192*AD	July 2007	001	00530	Total Suspended Solids	7D Conc	18	30.	7/22/2007
2PR00192*AD	July 2007	001	00610	Nitrogen, Ammonia (NH	30D Conc	1.0	1.0725	7/1/2007
2PR00192*AD	July 2007	001	00610	Nitrogen, Ammonia (NH	7D Conc	1.5	2.19	7/1/2007
2PR00192*AD	July 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.09	7/11/2007
2PR00192*AD	July 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.1	7/19/2007
2PR00192*AD	July 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.1	7/30/2007
2PR00192*AD	July 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.07	7/31/2007