



Environmental
Protection Agency

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

June 21, 2011

RE: GREEN ACRES CAMPGROUND
MAHONING COUNTY
NPDES PERMIT NO. 3PR00221
FY 2011 CEI

Mr. Andy Della Vecchia
Green Acres Campground
P.O. Box 176
Lake Milton, OH 44429

Mr. Della Vecchia

On June 1, 2011, this writer conducted an inspection of the wastewater treatment system for the Green Acres Campground located at 15487 Creed Road in Milton Twp., Mahoning County. The intent of the inspection was to evaluate the condition of the system. In addition, the compliance record was also reviewed for any violations of the NPDES Permit.

Observations:

Following are observations of the system made during the inspection.

1. The aeration tank appeared septic. The contents of the tank were black. You indicated that you had noticed the plant being upset on May 31 and that you thought the condition of the plant had degraded the day of the inspection.
2. The contents of the clarifier were cloudy. The return sludge to the aeration tank from the clarifier was black.
3. The east sand filter was covered with an odorous, septic wastewater. The west filter was free of any sludge. Sand in the filter was raked level. The west filter had not been used since the plant upset earlier in the week.
4. The disinfection tank was filled with some of the septic wastewater that passed through the east filter.

During the inspection we discussed possible causes for the plant upset. You had indicated that the plant had received significant inflow of storm water during a previous storm event. In addition, the weekend prior to the inspection was Memorial Day weekend, and the influx of campers along with wastewater from the laundry facilities and the food service facility may have overloaded the system.

On the day following the inspection, you contacted this writer to describe a problem with the diffuser system in the aeration tank. You had indicated that the air supply lines to the diffuser system were corroded and that sufficient air was not making its way to the bottom of the tank.

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A follow-up inspection of the system on June 13, 2011 demonstrated that the contents of the aeration tank and the sludge return had reverted to a medium brown color. The water flowing over the weir of the clarifier was clear with no noticeable turbidity. It appears that the air line was the problem with the system, and repair of the line corrected any operational problems with the system.

Compliance Review:

The compliance record for the Green Acres Campground facility was reviewed as part of this inspection. The period of review was January 2010 through April 2011. Following are violations of the NPDES Permit identified during the review period.

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
May 2010	Total Suspended Solids	30D Conc	12	16.	5/1/2010
May 2010	Nitrogen, Ammonia	30D Conc	2.0	50.5	5/1/2010
May 2010	Nitrogen, Ammonia	30D Qty	0.038	.29627	5/1/2010
May 2010	CBOD 5 day	30D Conc	10	18.	5/1/2010
May 2010	Nitrogen, Ammonia	1D Conc	3.0	50.5	5/26/2010
May 2010	Nitrogen, Ammonia	1D Qty	0.057	.29627	5/26/2010
May 2010	CBOD 5 day	1D Conc	15	18.	5/26/2010
June 2010	Total Suspended Solids	30D Conc	12	32.	6/1/2010
June 2010	Nitrogen, Ammonia	30D Conc	2.0	140.	6/1/2010
June 2010	Nitrogen, Ammonia	30D Qty	0.038	.76836	6/1/2010
June 2010	CBOD 5 day	30D Conc	10	26.	6/1/2010
June 2010	Total Suspended Solids	1D Conc	18	32.	6/23/2010
June 2010	Nitrogen, Ammonia	1D Conc	3.0	140.	6/23/2010
June 2010	Nitrogen, Ammonia	1D Qty	0.057	.76836	6/23/2010
June 2010	CBOD 5 day	1D Conc	15	26.	6/23/2010
June 2010	Dissolved Oxygen	1D Conc	6.0	5.	6/23/2010
July 2010	Total Suspended Solids	30D Conc	12	40.	7/1/2010
July 2010	Total Suspended Solids	30D Qty	0.227	.26495	7/1/2010
July 2010	Nitrogen, Ammonia	30D Conc	2.0	113.	7/1/2010
July 2010	Nitrogen, Ammonia	30D Qty	0.038	.74848	7/1/2010
July 2010	CBOD 5 day	30D Conc	10	14.	7/1/2010
July 2010	Total Suspended Solids	1D Conc	18	40.	7/28/2010
July 2010	Nitrogen, Ammonia	1D Conc	3.0	113.	7/28/2010
July 2010	Nitrogen, Ammonia	1D Qty	0.057	.74848	7/28/2010
August 2010	Total Suspended Solids	30D Conc	12	35.	8/1/2010
August 2010	Nitrogen, Ammonia	30D Conc	2.0	382.5	8/1/2010
August 2010	Nitrogen, Ammonia	30D Qty	0.038	2.09926	8/1/2010
August 2010	CBOD 5 day	30D Conc	10	13.	8/1/2010
August 2010	Total Suspended Solids	1D Conc	18	35.	8/11/2010
August 2010	Nitrogen, Ammonia	1D Conc	3.0	382.5	8/11/2010
August 2010	Nitrogen, Ammonia	1D Qty	0.057	2.09926	8/11/2010

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Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
September 2010	Total Suspended Solids	30D Conc	12	22.	9/1/2010
September 2010	Nitrogen, Ammonia	30D Conc	2.0	138.	9/1/2010
September 2010	Nitrogen, Ammonia	30D Qty	0.038	.7835	9/1/2010
September 2010	Fecal Coliform	30D Conc	1000	61600.	9/1/2010
September 2010	Total Suspended Solids	1D Conc	18	22.	9/8/2010
September 2010	Nitrogen, Ammonia	1D Conc	3.0	138.	9/8/2010
September 2010	Nitrogen, Ammonia	1D Qty	0.057	.7835	9/8/2010
September 2010	Fecal Coliform	1D Conc	2000	61600.	9/8/2010
October 2010	Nitrogen, Ammonia	30D Conc	2.0	13.6	10/1/2010
October 2010	Nitrogen, Ammonia	1D Conc	3.0	13.6	10/13/2010

The violation events ended in October 2010. As a result, Green Acres Campground is no longer in Significant Noncompliance. It is recommended that you review the violations above and confirm their accuracy. It is possible that some of the data may be in error.

You may contact this writer at (330) 963-1251 or a john.kwolek@epa.state.oh.us to discuss any questions you may have regarding this inspection report.

Respectfully,



John Kwolek
District Engineer
Division of Surface Water

JK/mt

cc: Mr. Dwane Stull, Operator of Record, D. K. Stull Equipment Co.