



**Environmental
Protection Agency**

John R. Kasich, Governor

Mary Taylor, Lt. Governor

Scott J. Nally, Director

June 14, 2012

RE: TOWN AND COUNTRY MHP
22970 STATE ROUTE 30
WEST TOWNSHIP
COLUMBIANA COUNTY
NPDES PERMIT #3PV00124

NOTICE OF VIOLATION

Mr. Randy Perkins
P.O. Box 337
Tallmadge, OH 44278

Dear Mr. Perkins:

On April 30, 2012, this writer conducted an inspection of the wastewater treatment plant for the Town and Country Mobile Home Park (MHP). The intent of the inspection was to evaluate operations and maintenance of the system. This facility is currently in significant non-compliance for effluent violations. The following are findings from the inspection:

1. The trash trap was not inspected.
2. At the time of the inspection, the aeration tank was operational and the plant was greyish brown color. The sludge returns and skimmers were operational. The surface of the settling tank needed cleaned. The influent and effluent baffles need to be cleaned, as well as the weir trough.
3. One surface sand filter was plugged and needed to be cleaned. The surface sand filters need replacement sand to a minimum depth of 18 inches. The filter sand must be clean and washed with an effective size between 0.4 and 1.0 mm, with a uniformity coefficient not greater than 3.0. The replacement sand should be uniformly level so that the beds flood evenly. The coating of sludge being removed from the sand filters needs to be disposed at a licensed solid waste landfill. Maintaining a better solids concentration in the aeration system will result in a better settling sludge. The sludge will more effectively settle in the settling tank and not reach the filters as is currently the situation.
4. The new flow equalization tank and sludge holding tank has been installed and they were operational.
5. A review of the monthly operating data from June 2011 through May 2012 revealed numerous violations. The violations are attached to this correspondence.

By July 2, 2012, please respond in writing what your proposed course of action will be to correct the above deficiencies. The letter needs to include a time frame to return the plant to continued and reliable compliance on a regular basis.

You may contact this office at (330) 963-1193 to discuss any questions you may have.

Respectfully,

Joseph E. Trocchio, P.E.
Environmental Engineer
Division of Surface Water

JET/cs

cc: Lori Barnes, Columbiana County Health Dept.

File: Semipublic/Columbiana County/West Township/Town and Country MHP

Town and Country MHP Effluent Violations: June 2011 - May 2012

Permit No	Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
3PV00124*AD	June 2011	Nitrogen, Ammonia (NH3)	30D Conc	1.0	28.	6/1/2011
3PV00124*AD	June 2011	Nitrogen, Ammonia (NH3)	30D Qty	0.019	.38153	6/1/2011
3PV00124*AD	June 2011	Fecal Coliform	30D Conc	1000	2800.	6/1/2011
3PV00124*AD	June 2011	Nitrogen, Ammonia (NH3)	7D Conc	1.5	28.	6/8/2011
3PV00124*AD	June 2011	Nitrogen, Ammonia (NH3)	7D Qty	0.0284	.38153	6/8/2011
3PV00124*AD	June 2011	Fecal Coliform	7D Conc	2000	2800.	6/8/2011
3PV00124*AD	June 2011	Dissolved Oxygen	1D Conc	6.0	1.7	6/12/2011
3PV00124*AD	August 2011	Nitrogen, Ammonia (NH3)	30D Conc	1.0	15.	8/1/2011
3PV00124*AD	August 2011	Nitrogen, Ammonia (NH3)	30D Qty	0.019	.20439	8/1/2011
3PV00124*AD	August 2011	Chlorine, Total Residu	1D Conc	.019	1.2	8/30/2011
3PV00124*AD	August 2011	Dissolved Oxygen	1D Conc	6.0	4.1	8/30/2011
3PV00124*AD	December 2011	Nitrogen, Ammonia (NH3)	30D Conc	3.0	8.2	12/1/2011
3PV00124*AD	December 2011	Nitrogen, Ammonia (NH3)	30D Qty	0.0568	.11173	12/1/2011
3PV00124*AD	December 2011	Nitrogen, Ammonia (NH3)	7D Conc	4.5	8.2	12/8/2011
3PV00124*AD	December 2011	Nitrogen, Ammonia (NH3)	7D Qty	0.0852	.11173	12/8/2011
3PV00124*AD	December 2011	Dissolved Oxygen	1D Conc	6.0	5.3	12/12/2011
3PV00124*AD	March 2012	Nitrogen, Ammonia (NH3)	30D Conc	3.0	25.	3/1/2012
3PV00124*AD	March 2012	Nitrogen, Ammonia (NH3)	30D Qty	0.0568	.17033	3/1/2012
3PV00124*AD	March 2012	CBOD 5 day	30D Conc	10	19.	3/1/2012
3PV00124*AD	March 2012	Nitrogen, Ammonia (NH3)	7D Conc	4.5	25.	3/8/2012
3PV00124*AD	March 2012	Nitrogen, Ammonia (NH3)	7D Qty	0.0852	.17033	3/8/2012
3PV00124*AD	March 2012	CBOD 5 day	7D Conc	15	19.	3/8/2012
3PV00124*AD	April 2012	Total Suspended Solids	30D Conc	12	20.	4/1/2012
3PV00124*AD	April 2012	Total Suspended Solids	7D Conc	18	20.	4/15/2012
3PV00124*AD	May 2012	Total Suspended Solids	30D Conc	12	113.	5/1/2012
3PV00124*AD	May 2012	Total Suspended Solids	30D Qty	0.228	1.91612	5/1/2012
3PV00124*AD	May 2012	Total Suspended Solids	7D Conc	18	113.	5/15/2012
3PV00124*AD	May 2012	Total Suspended Solids	7D Qty	0.341	1.91612	5/15/2012