



State of Ohio Environmental Protection Agency

Northeast District Office

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Twinsburg, Ohio 44087

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

November 27, 2009

RE: LAKE COUNTY  
MADISON TWP.  
SAHARA MOBILE HOME PARK  
NPDES PERMIT NO. 3PV00046  
APPLICATION NO. OH0098159

NOTICE OF VIOLATION

Mrs. Betty Braff  
Sahara Mobile Home Park  
5300 North Ridge Road  
Madison, OH 44057

Dear Mrs. Braff:

On September 9, 2009, this writer conducted a compliance evaluation inspection of the wastewater treatment system serving the mobile home park. The purpose of the inspection was to evaluate the WWTP's operation and maintenance condition, and to evaluate the facility's compliance with National Pollutant Discharge Elimination System (NPDES) permit effluent limits. Mr. Vic Longar, Park Manager, accompanied this writer during the inspection.

The plant was producing an effluent of satisfactory visual quality, in that there was no evidence debris, oil or grease. The following observations were noted:

1. The color of the mixed liquor was chocolate brown, indicating a balanced system.
2. The settling tank content was slightly turbid for both settling tanks.
3. The rapid sand filters were not in operation. As stated in previous letters, the rapid sand filters must be placed on-line in order to provide tertiary treatment.
4. Plant improvements, including an upward flow fixed media clarifier, UV disinfection and a new effluent pipe were completed in February 2009.

***During the inspection, Mr. Longar stated that it is his intent to remove the filter media inside the rapid sand filters and no longer use the rapid sand filters as a treatment unit prior to the upward flow fixed media clarifiers. The approved design of the upward flow fixed media clarifier was based upon the continued operation of the rapid sand filter. Upflow clarifiers are not tertiary treatment units and cannot be used to replace the rapid sand filters. The rapid sand filters must be returned to service as soon as possible.***

A review of the Discharge Monitoring Reports (DMRs) revealed the following effluent limitation violations during the period of December 2008 through July 2009:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00530	Total Suspended Solids	30D Conc	12	29.75	1/1/2009
001	00530	Total Suspended Solids	7D Conc	18	90.	1/1/2009
001	00530	Total Suspended Solids	30D Qty	2.7	5.41151	1/1/2009
001	00530	Total Suspended Solids	7D Qty	4.1	16.3852	1/1/2009
001	00530	Total Suspended Solids	30D Conc	12	20.25	2/1/2009
001	00530	Total Suspended Solids	7D Conc	18	37.	2/1/2009

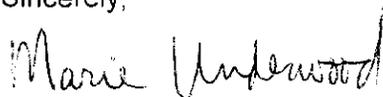
Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00530	Total Suspended Solids	30D Qty	2.7	3.09272	2/1/2009
001	00530	Total Suspended Solids	7D Qty	4.1	5.96592	2/1/2009
001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	8.12	2/1/2009
001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	8.12	2/1/2009
001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.23	1.47635	2/1/2009
001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.68	1.47635	2/1/2009
001	80082	CBOD 5 day	7D Conc	15	17.	2/1/2009
001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	8.82	2/8/2009
001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	8.82	2/8/2009
001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.34	1.54567	2/8/2009
001	00610	Nitrogen, Ammonia (NH3	7D Qty	1.02	1.54567	2/8/2009
001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	7.42	2/22/2009
001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	7.42	2/22/2009
001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.34	1.40704	2/22/2009
001	00610	Nitrogen, Ammonia (NH3	7D Qty	1.02	1.40704	2/22/2009
001	00530	Total Suspended Solids	30D Conc	12	21.25	3/1/2009
001	00530	Total Suspended Solids	7D Conc	18	36.	3/1/2009
001	00530	Total Suspended Solids	7D Qty	4.1	7.79407	3/1/2009
001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	1.505	3/1/2009
001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	2.59	3/1/2009
001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.23	.29319	3/1/2009
001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.34	.56074	3/1/2009
001	00530	Total Suspended Solids	7D Conc	18	27.	3/8/2009
001	00300	Dissolved Oxygen	1D Conc	6.0	5.7	5/7/2009
001	00530	Total Suspended Solids	7D Conc	18	32.	5/22/2009
001	00530	Total Suspended Solids	7D Qty	4.1	5.46251	5/22/2009
001	80082	CBOD 5 day	7D Conc	15	16.	5/22/2009

Be advised that failure to comply with the effluent limitations or to satisfy the monitoring or reporting and compliance scheduling requirements of your NPDES permit may be cause for enforcement pursuant to Ohio Revised Code Chapter 6111.

Within 10 days of the date of this letter, you are required to notify this office, in writing, outlining the corrective action, either actual or proposed, that will be taken to eliminate the above highlighted deficiencies.

Should you have any questions regarding this letter, please contact the undersigned at (330) 963-1183.

Sincerely,



Marie Underwood, P.E.  
Environmental Engineer  
Division of Surface Water

MU/mt

cc: Vic Longar, Sahara MHP Manager