



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.  
Twinsburg, Ohio 44087

TELE: (330) 963-1200 FAX: (330) 487-0769  
www.epa.state.oh.us

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

May 5, 2009

RE: WOODBRAN WWTP  
VILLAGE OF WOODMERE  
CUYAHOGA COUNTY  
NPDES PERMIT NO. 3PU00001\*GD

Mr. Randy Kertesz, President  
Woodbran Realty Corporation  
3439 W. Brainard Road, #260  
Woodmere, OH 44122

Dear Mr. Kertesz:

On April 28, 2009, this office met with your operator, Mr. Marc Jones, Veolia Water North America, to conduct an inspection of the referenced wastewater treatment plant (WWTP). The purpose of the inspection was to determine compliance with the terms and conditions of the National Pollutant Discharge Elimination System (NPDES) permit.

The 0.52 million gallon per day WWTP consists of an influent lift station, comminutor and bar screen, two extended aeration tanks with final clarifiers followed by rapid sand filters and disinfection. The ultraviolet bulbs used for disinfecting the final effluent have been installed in anticipation of the summer monitoring season that begins on May 1<sup>st</sup>.

At the time of the inspection the WWTP was operational; however, components of the headworks (bar screen and comminutor) were found to be in a serious state of disrepair. The bar screen is no longer serviceable; it has rusted beyond repair. The scraper plates on the comminutor have deteriorated and are falling off. Due to the condition of these components the effectiveness of removing/grinding debris has been compromised. It is our understanding replacement of the comminutor and bar screen is out for bid.

The Chicago plant clarifier will undergo some renovations later this year. Due to wear of the equipment the flights, wear shoes and glide strips will be replaced. During the renovation the Chicago plant will be taken out of service and flow will be diverted to the Marhoff plant. To prevent a bypass, work on the Chicago plant must be performed during dry weather conditions.

Significant algae growth was noted in the weirs of the Chicago plant. As explained, the weirs are cleaned every 2 -3 days.

The rapid sand filters continue to be bypassed during wet weather conditions. Between 2006 and 2009 twenty-three bypass events have been reported to this office. Please be

advised, treatment plant bypass is prohibited except under emergency conditions where the bypass occurs in full compliance with all of the provisions of 40 CFR 122.41(m) and Part III Item 11 of this NPDES permit.

Review of the monthly discharge monitoring reports (DMR) received by Ohio EPA for the period January 2006 through March 2009 indicates the following effluent limitation violations have occurred:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00530	Total Suspended Solids	1D Qty	23.6	27.8576	3/15/2007
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.0	11.55	2/11/2007
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.0	8.65	2/12/2007
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.0	7.	2/13/2007
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.0	9.25	2/14/2007
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.0	6.3	2/15/2007
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.0	9.9	2/16/2007
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.0	4.7	2/18/2007
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.67	3.745	2/1/2007
001	00610	Nitrogen, Ammonia (NH3)	1D Qty	7.9	15.2134	2/11/2007
001	00610	Nitrogen, Ammonia (NH3)	1D Qty	7.9	10.6078	2/12/2007
001	00610	Nitrogen, Ammonia (NH3)	1D Qty	7.9	8.18696	2/13/2007
001	00610	Nitrogen, Ammonia (NH3)	1D Qty	7.9	10.3633	2/14/2007
001	00610	Nitrogen, Ammonia (NH3)	1D Qty	7.9	11.7660	2/16/2007
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	3.3	4.56534	2/1/2007
001	00665	Phosphorus, Total (P)	1D Conc	1.5	2.	8/1/2006
001	31616	Fecal Coliform	1D Conc	2000	2800.	9/13/2006

Correspondence received by this office, via facsimile, dated September 19, 2006 and August 18, 2006, addressed the reasons for the fecal coliform and phosphorous violations. The NPDES permit modification, effective May 1, 2008, changed the limitations for several parameters (includes total suspended solids and ammonia) from a daily limitation to a weekly limitation. Since March 2007 the data has shown general compliance with the final effluent limitations of the NPDES permit. No additional information is required at this time.

As discussed, the operator certification rule, Ohio Administrative Code (OAC) Chapter 3745-7-09 effective December 21, 2006, requires the owner and the operator of record to maintain operation and maintenance records. It is anticipated that the appropriate information will be formatted and recorded in accordance with the requirements of the

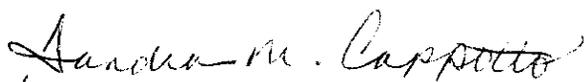
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rule and will be available during future inspections. The operator certification rules are available online at <http://www.epa.state.oh.us/ddagw/oac.html>.

Within ten days of the date of this letter provide this office with written notification as to the actions taken or proposed to 1) eliminate bypassing of the rapid sand filters; and, 2) replace the comminutor and bar screen. Your response must include dates for completion of the actions presented in your response.

If you should have any questions please contact this office at (330) 963-1124.

Sincerely,



Sandra M. Cappotto  
Environmental Scientist  
Division of Surface Water

SMC/mt

cc: Holly Weatherhead, Veolia Water North America  
Marc Jones, Operator, Woodbran WWTP