Ohio | Environmental Protection Agency
John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

November 22, 2011

RE: LORAIN COUNTY
SHEFFIELD VILLAGE
SBS BUS GARAGE
3747 COLORADO AVE
PERMIT NO. 3PR00213

VanWagnen Properties, LTD
2475 Vermilion Rd.
Vermilion, OH 44089
Attn: Daniel VanWagnen

Dear Mr. VanWagnen:

On November 1, 2011, a compliance inspection was conducted on the wastewater treatment plant (WWTP) serving the SBS Bus Garage, located at 3747 Colorado Ave, Sheffield Village. The inspection was conducted by this writer, and Mr. John Sabo of the Lorain County Health Department.

The purpose of the inspection was to evaluate the WWTP's operation and maintenance condition, and compliance with your National Pollutant Discharge Elimination System (NPDES) Permit to discharge. The last inspection of the SBS Garage WWTP was on August 3, 2010.

At the time of the November 1st inspection, the following observations were made:

1) The trash trap was in use and its contents were typical.

2) Contents of the extended aeration tank were medium brown in color, and they were well aerated. The return sludge line was operational, returning brown colored sludge. Blower motors for the aeration tank were found to be controlled by a timer.

3) The settling tank contents were typical, and the skimmer was operating, returning clear liquid. However, the skimmer was adjusted too far below the surface of the water, and should be adjusted to approximately ¼ inch below the water surface. Also, there was a buildup of solids behind the inlet baffle to the settling tank, which should be removed.

4) The settling tank effluent trough was clean and free of solids, but was not level. Although the trough was clean, there was a buildup of solids on the outside of the trough. Both the solids buildup behind the inlet baffle, and on the sides of the effluent trough, should be removed. This condition was also observed in the last inspection of the WWTP.

5) Both of the sand filter dosing station pumps were set in the 'AUTO' mode, and were operational when manually tested. The high water level alarm operated when manually tested.

6) The south cell of the surface sand filter was in use, and contained ponded water. The north filter cell sand was covered with solids. The solids need to be removed from the north cell, and use of the south cell should be switched over to the north cell.

7) The tablet chlorination / dechloination units contained tablets. It is noted that effluent disinfection is not required during the period of November 1st through April 30th.

8) The effluent was not being post aerated prior to discharge.

A review of the operating data for the wastewater treatment plant (as reported to Ohio EPA in SWIMS) was conducted prior to the inspection. The electronic Discharge Monitoring Report (eDMR) data covered the period of August 1, 2010, through November 1, 2011. The SWIMS program reported the following numeric effluent violations of the SBS Bus Garage NPDES permit to discharge:

SBS BUS GARAGE WWTP
NPDES PERMIT NO. 3PR00213
Numeric Effluent Violations
(8/1/10 through 11/1/11)

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
December 2010	Total Suspended Solids	30D Conc	12	24.	12/1/2010
December 2010	Nitrogen, Ammonia (NH3-N)	30D Conc	3.0	24.5	12/1/2010
December 2010	Total Suspended Solids	1D Conc	18	24.	12/8/2010
December 2010	Nitrogen, Ammonia (NH3-N)	1D Conc	4.5	24.5	12/8/2010
March 2011	Total Suspended Solids	30D Conc	12	13.	3/1/2011
March 2011	Nitrogen, Ammonia (NH3-N)	30D Conc	3.0	45.75	3/1/2011
March 2011	Nitrogen, Ammonia (NH3-N)	1D Conc	4.5	45.75	3/30/2011
June 2011	Total Suspended Solids	30D Conc	12	21.	6/1/2011
June 2011	Nitrogen, Ammonia (NH3-N)	30D Conc	1.0	5.75	6/1/2011
June 2011	Total Suspended Solids	1D Conc	18	21.	6/23/2011
June 2011	Nitrogen, Ammonia (NH3-N)	1D Conc	1.5	5.75	6/23/2011
June 2011	Dissolved Oxygen	1D Conc	6.0	5.6	6/23/2011

** No code or frequency reporting violations

SBS Bus Garage continues to have noncompliance problems with both total suspended solids and ammonia nitrogen. The inability to consistently meet the NPDES Permit effluent limits for these parameters is cause for initiation of escalated enforcement actions. This correspondence shall serve as the initial step in the development and implementation of a plan to bring your facility back into compliance with your NPDES permit.

You are directed to contact this office within 14 days of the receipt of this letter, and set up a meeting at the Ohio EPA's Northeast District Office. The purpose of the meeting will be to discuss the facility's NPDES permit violations and the actions you have taken, or intend to take, to come into

compliance with the facility's NPDES permit effluent limits. Results of the compliance meeting may require additional enforcement actions be taken by the Ohio EPA should compliance not be attained.

If there are questions or comments regarding the contents of this letter, please contact this office.

Respectfully,

Charles E. Allen

Charles E. Allen
Environmental Engineer
Division of Surface Water

CA/cs

Cc: Lorain County Health Department
Attn: John Sabo

SP/Lorain/SheffieldVillage/SBS BusGarage