



**Environmental  
Protection Agency**

Ter. Strickland, Governor  
Lee Fisher, Lt. Governor  
Chris Korieski, Director

June 17, 2010

RE: STONERIDGE TERRACE CAMPGROUND  
33807 WINONA ROAD  
BUTLER TWP.  
COLUMBIANA COUNTY  
NPDES PERMIT NO. 3PR00352

John and Barbara Kuder  
StoneRidge Terrace  
33807 Winona Rd.  
Salem, OH 44460

Dear Mr. and Mrs. Kuder:

On June 15, 2010, this writer, along with Keith Kroeger of central office, conducted an inspection of the wastewater treatment plant for the Stoneridge Terrace Campground. At the time of the inspection, the facility was in operation and producing what appeared to be a satisfactory effluent. The intent of the inspection was to evaluate systems operation and maintenance. The following are findings from the inspection:

1. The wastewater treatment plant had a good brown color. The settleability test revealed an old sludge age. The one sludge return was not operational because it had to have the return pipe shortened to prevent it from spraying over the tank wall. After the second return is operational the system should build up some more solids. The settling tank was cloudy and the surface had some floating solids. The skimmer was in operation.
2. The surface sand filters had some minor vegetation but were in good operational status. The cleaning of the surface sand filters is being done on a regular basis. The repair of the filter walls is on-going. The dosing chamber has a new power box with elapsed time flow metering. One of the pumps was out for servicing but should be reinstalled soon. Any sludge or solids removed from the sand filters needs to be disposed at a licensed solid waste landfill.
3. The chlorine contact tank had the appropriate chemicals and the effluent appeared satisfactory.
4. A review of our records from July 2009 through April 2010 indicates that this facility has only had some minor pH violations during that time. These violations may have been a result of the operators adjusting the timer for the wastewater treatment plant. Sampling and reporting are being accomplished in a timely fashion during this time frame.

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6. All the parameters measured by Mr. Kroeger were acceptable and he provided you with several operational suggestions.

Photos of the inspection are attached to this correspondence.

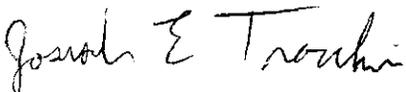
Results from the split sampling of the treatment plant effluent on September 30, 2009, are provided below. Most of the results were comparable except for Dissolved Oxygen. The new meters the facility is purchasing should make the field measurements more accurate.

Parameter	Ohio EPA Lab/field meter Results	StoneRidge Terrace (Village of Leetonia Lab) Results
pH	7.59 S.U.	8.32 S.U.
Temp	14.5 ° C	16.0 ° C
Dissolved Oxygen	5.93 mg/l	8.52 mg/l
Ammonia	0.137 mg/l	0.476 mg/l
CBOD <sub>5</sub>	<2.0 mg/l	1.11 mg/l
Total Suspended Solids	9.0 mg/l	14 mg/l

The facility still needs to submit detail plans of the solids handling method.

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/mt

enclosures

cc: Lori J. Barnes, Columbiana County Health Department  
Keith Kroeger, Ohio EPA, DSW, Groveport

ec: Virginia Wilson, P.E., Ohio EPA, DSW, NEDO

File: Semipublic/Columbiana County/Butler Township/Stoneridge Terrace

STONERIDGE TERRACE CAMPGROUND PHOTOS



Aeration tank has good color



Some solids in the effluent weir



Settleability Test

