



**Environmental
Protection Agency**

Lee S. ... and, Governor
... Lt. Governor
Chris ... , Director

July 12, 2010

RE: GEAUGA COUNTY
NEWBURY TWP
CAMP HO MITA KODA
NPDES PERMIT #3PR00261*BD

Ms. Julie Hewitt
Camp Ho Mita Koda
3601 S. Green Road, Suite 100
Beachwood, OH 44122

Dear Ms. Hewitt:

On July 1, 2010, this writer along with Dave Sage of the Geauga County Health Department, conducted an inspection of the sewage treatment plant serving the above referenced facility. The intent of the inspection was to assess the operations and maintenance of the treatment system and review compliance with the National Pollutant Discharge Elimination System (NPDES) permit issued to your facility.

According to Agency records, the wastewater treatment system was installed under Ohio EPA PTI 02-14143, which was effective August 23, 2000. The wastewater system consists of a 1,500 gallon trash trap, 3,125 gallon flow equalization tank, 7,000 gallon extended aeration plant, dosing station, 390 square-foot surface sand filters, chlorination and dechlorination. The wastewater treatment plant discharges to an unnamed tributary of Chagrin River.

At the time of the inspection, the wastewater treatment plant was producing what appeared to be a satisfactory quality effluent.

NPDES PERMIT COMPLIANCE

A summary of the wastewater treatment plant monitoring and reporting violations for the period of January 1, 2007 through June 1, 2010 has been attached to this letter. There are frequency violations reported during this review period. You may contact Mr. James Roberts of this Agency's Central Office at (614) 644-2054 to discuss eDMR submission and any reporting errors.

The wastewater treatment plant is currently classified by the Ohio EPA as a Class 1 wastewater treatment works. This classification is located in the NPDES permit which had an effective date of July 1, 2007. As such, the facility is required to obtain the services of a Class 1 state certified operator. If you have obtained an operator, please provide the operator name and license to this office. The enclosed ORC Form must be completed and submitted by the operator and the facility to meet the ORC requirement for this facility.

Northeast District Office
2110 East Aurora Road
Twinsburg, OH 44087-1924

330 | 963 1200
330 | 487 0769 (fax)
www.epa.ohio.gov

Ms. Julie Hewitt
Camp Ho Mita Koda
July 12, 2010
Page 2

New operator and plant certification rules have gone in effect and are found in OAC 3745-7-04. The new regulations provide the plant classification rankings and operator staffing requirements. The minimum staffing requirements for a Class I facility is 3 days per week for a minimum of 1.5 hours per week and a Class A facility is 2 days per week for a minimum of 1 hour per week. According to OAC 3745-7-04, the wastewater treatment plant will be classified a Class A facility upon permit renewal. Please be aware, the owner has an opportunity to obtain a Class A license and operate the system. More information on obtaining a Class A license can be found at <http://www.epa.ohio.gov/dsw/opcert/opcert.aspx>.

INSPECTION SUMMARY

Below are the findings and recommendations from the inspection:

The trash trap was somewhat full at the time of the inspection. The flow equalization tank was in satisfactory condition and was provided with adequate air circulation. All blowers were in operation at the time of the inspection and appeared to be providing a satisfactory air supply to both the flow equalization tank and the aeration tank. The contents of the aeration portion of the plant were a light brown gray color and the tank was provided with adequate aeration and the rollover within the tank was satisfactory. The sludge return line was returning a clear liquid which indicates there are no solids recirculating from the settling tank. The aeration tank was originally designed and approved to operate divided into two 3,500 gallon units to allow for flexible operation during the low flow periods. At the time of the inspection, the entire tank capacity was in use and was not divided into two separate units. It is recommended the tank be operated with only one unit in service until flows increase to a level that could justify utilizing both units. This office recommends the tank be changed as soon as possible but no later than 10 days from the date of this letter.

The clarifier had some solids and scum accumulating on the surface, weir and effluent trough. The tank should be cleaned out routinely with the sidewalls scraped down at least weekly. The dosing chamber was in good condition and both pumps were well maintained and operational. The sand filter beds appeared to be in satisfactory condition with only a small accumulation of solids noted. The filter beds did have some hay bales located within the units. It is understood the hay bales are used to insulate the influent piping from the dosing station. These hay bales are to be used outside the sand filter bed. As such, please remove any hay bales that are located within the sand filter bed itself. There was discarded sand media placed around the sand filters. Any removed sand media and debris must not be dumped on the property. The removed material is considered a solid waste and must be disposed of at an Ohio EPA licensed solid waste facility.

Ms. Julie Hewitt
Camp Ho Mita Koda
July 12, 2010
Page 3

The chlorination and dechlorination units were in satisfactory condition. The effluent from the disinfection tank appeared to be clear. The final outfall was inspected and appeared to be in satisfactory condition with a clear effluent noted. The receiving stream appeared to be in satisfactory condition.

The NPDES permit for this facility expires June 30, 2012. The renewal application for the NPDES permit is required to be submitted 180 days prior to the permit expiration date.

IN SUMMARY

The following items are of concern to this office and must be addressed:

- 1) No later than 10 days from the date of this letter, change the operation of the aeration tank so that it is divided into two 3,500 gallon units.
- 2) Complete the enclosed Operator of Record form and submit the completed form to this office.

If you have any questions or comments regarding this letter, please contact this office at (330) 963-1299.

Respectfully,



Laura A. Weber, P.E.
Environmental Engineer
Division of Surface Water

LAW/mt

Enclosure: ORC Form

cc: Dave Sage, Geauga County Health Department
Bill Nagode, Camp Ho Mita Koda

File: Semi-Public/Geauga/Newbury /Camp Ho Mita Koda

Violation Summary:

Discharge Violations

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
June 2008	001	80082	CBOD 5 day	30D Conc	10	90.	6/1/2008
May 2007	001	50060	Chlorine, Total Residu	1D Conc	0.019	.05	5/24/2007
June 2008	001	50060	Chlorine, Total Residu	1D Conc	0.019	.57	6/27/2008
August 2009	001	00300	Dissolved Oxygen	1D Conc	6.0	4.15	8/4/2009
June 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	11.3	6/1/2008
June 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	11.3	6/27/2008
August 2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	1.77	8/4/2009
August 2009	001	00400	pH	1D Conc	6.5	6.18	8/4/2009
June 2008	001	00530	Total Suspended Solids	30D Conc	12	16.	6/1/2008
June 2009	001	00530	Total Suspended Solids	30D Conc	12	18.	6/1/2009

Frequency Violations

Reporting Period	Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
May 2007	001	00010	Water Temperature	1/Week	1	0	05/01/2007
May 2007	001	00010	Water Temperature	1/Week	1	0	05/08/2007
May 2007	001	00010	Water Temperature	1/Week	1	0	05/15/2007
July 2007	001	80082	CBOD 5 day	1/Month	1	0	07/01/2007
July 2008	001	00530	Total Suspended Solids	1/Month	1	0	07/01/2008
July 2008	001	80082	CBOD 5 day	1/Month	1	0	07/01/2008
October 2009	001	00010	Water Temperature	1/Week	1	0	10/22/2009
October 2009	001	00083	Color, Severity	1/Week	1	0	10/22/2009
October 2009	001	01330	Odor, Severity	1/Week	1	0	10/22/2009
October 2009	001	01350	Turbidity, Severity	1/Week	1	0	10/22/2009
December 2009	001	50060	Chlorine, Total Residu	1/Quarter	1	0	12/01/2009
March 2010	001	50060	Chlorine, Total Residu	1/Quarter	1	0	03/01/2010