



**Environmental
Protection Agency**

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

September 17, 2012

RE: PORTAGE COUNTY
KENT WWTP
NPDES PERMIT NO. OH0025917
OHIO EPA PERMIT NO. 3PD00031*OD
SEWAGE SLUDGE INSPECTION

Dave Ruller, City Manager
City of Kent
215 East Summit Street
Kent, OH 44240

Dear Manager Ruller:

On August 29, 2012, a sewage sludge inspection was conducted in order to determine compliance with Ohio Administrative Code (OAC), Chapter 3745-40, Ohio's sewage sludge rules, at the Kent Water Reclamation Facility wastewater treatment plant (WWTP). The facility was represented by Robert Brown, Plant Manager, who provided information regarding the WWTP's sewage sludge operations. The sewage sludge inspection consisted of a review of the WWTP's contact information and sewage sludge records, completion of a compliance checklist, and an inspection of the sewage sludge treatment units.

WWTP Information

The WWTP has a design treatment capacity of 5.0 million gallons of wastewater per day (MGD) and currently treats approximately 1.54 MGD. Sewage sludge is treated within two 435,000-gallon anaerobic digesters, two 253,000-gallon holding tanks, and two belt filter presses. Onsite sewage sludge storage capacity was unknown at the time of the inspection, but according to Ohio EPA records appears to be approximately 200 days.

Sewage Sludge Management

Dewatered sewage sludge is transported to the PPG Lime Lakes No.6 reclamation project, permit No. 3MP00020*AM, located in Franklin Township, Summit County. Sewage sludge is transferred to the PPG Lime Lakes No.6 reclamation project for beneficial use, on average, biweekly. When Kent State University is session, sewage sludge is transferred to the PPG Lime Lakes No.6 reclamation project for beneficial use, on average, four times per week. Appropriate records are maintained by the WWTP that document the transfer of sewage sludge.

NPDES Permit Compliance Review

A review of the electronic discharge self-monitoring reports (eDMR) received by Ohio EPA for the period January 1, 2006 through September 1, 2012 indicates that the following frequency violations have occurred.

Reporting Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
588	70316	Sludge Weight	1/Day	1	0	10/01/2007
588	70316	Sludge Weight	1/Day	1	0	10/02/2007
588	70316	Sludge Weight	1/Day	1	0	10/03/2007

588	70316	Sludge Weight	1/Day	1	0	10/04/2007
588	70316	Sludge Weight	1/Day	1	0	10/05/2007
588	70316	Sludge Weight	1/Day	1	0	10/06/2007
588	70316	Sludge Weight	1/Day	1	0	10/07/2007
588	70316	Sludge Weight	1/Day	1	0	10/08/2007
588	70316	Sludge Weight	1/Day	1	0	10/09/2007
588	70316	Sludge Weight	1/Day	1	0	10/10/2007
588	70316	Sludge Weight	1/Day	1	0	10/11/2007
588	70316	Sludge Weight	1/Day	1	0	10/12/2007
588	70316	Sludge Weight	1/Day	1	0	10/13/2007
588	70316	Sludge Weight	1/Day	1	0	10/14/2007
588	70316	Sludge Weight	1/Day	1	0	10/15/2007
588	70316	Sludge Weight	1/Day	1	0	10/19/2007
588	70316	Sludge Weight	1/Day	1	0	10/20/2007
588	70316	Sludge Weight	1/Day	1	0	10/21/2007
588	70316	Sludge Weight	1/Day	1	0	10/22/2007
588	70316	Sludge Weight	1/Day	1	0	10/23/2007
588	70316	Sludge Weight	1/Day	1	0	10/24/2007
588	70316	Sludge Weight	1/Day	1	0	10/25/2007
588	70316	Sludge Weight	1/Day	1	0	10/26/2007
588	70316	Sludge Weight	1/Day	1	0	10/27/2007
588	70316	Sludge Weight	1/Day	1	0	10/28/2007
588	70316	Sludge Weight	1/Day	1	0	10/29/2007
588	70316	Sludge Weight	1/Day	1	0	10/30/2007
588	70316	Sludge Weight	1/Day	1	0	10/31/2007

With the exception of the above frequency violations, the WWTP appears to be in compliance with OAC 3745-40. Should you have any questions regarding the sewage sludge inspection, please contact me at your earliest convenience at (330) 963-1118 or via e-mail at chris.moody@epa.ohio.gov.

Sincerely,



Chris Moody
Environmental Specialist II
Division of Surface Water

CM/cs

cc: Robert Brown, Plant Manager