



State of Ohio Environmental Protection Agency

Northeast District Office

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

September 14, 2007

RE: TRUMBULL COUNTY
BAZETTA TOWNSHIP
KMART DISTRIBUTION CENTER
NPDES PERMIT NO. OH0083909
OHIO EPA PERMIT NO. 3PS00007

Mr. Richard Shafer, Plant Manager
Kmart Distribution Center
541 Perkins-Jones Rd.
Warren, OH 44483

Dear Mr. Shafer:

On August 15, 2007, a compliance inspection was conducted of the wastewater treatment plant serving the Distribution Center by the undersigned. The facility was represented by Mr. Scott Mascioli, contract operator. The purpose of the inspection was to evaluate the facility's compliance status with respect to the terms and conditions of the above-referenced National Pollutant Discharge Elimination System (NPDES) permit.

Inspection Findings/Compliance Status

The current treatment system consists of an influent lift station, comminutor, bar screen, flow equalization basin, extended aeration treatment unit, final settling tank, dual-unit slow surface sand filter and chlorination/dechlorination tank.

At the time of the inspection, all treatment units appeared to be in operation. The final effluent being discharged appeared to be of satisfactory visual quality. As discussed with Mr. Mascioli, exposed steel surfaces should be painted to retard corrosion at the earliest opportunity. Additionally, the facility may wish to investigate UV disinfection as a possible future alternative to its current disinfection method.

A review of the facility's monthly operating reports (MORs) received by Ohio EPA for the period January 2006 through July 2007 indicate violations of the terms and conditions of the NPDES permit. Specifically, the review noted the following violations of the numeric effluent limitations contained in the permit:

Kmart Distribution Center (3PS00007) Numeric Effluent Violations

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
February 2007	001	Nitrogen, Ammonia (NH3)	1D Conc	6.8	41.8	2/8/2007
February 2007	001	Nitrogen, Ammonia (NH3)	30D Conc	4.5	21.155	2/1/2007
February 2007	001	Nitrogen, Ammonia (NH3)	1D Qty	0.25	2.12116	2/8/2007
February 2007	001	Nitrogen, Ammonia (NH3)	30D Qty	0.17	1.06466	2/1/2007
January 2007	001	CBOD 5 day	1D Conc	15	17.6	1/4/2007

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Kmart Distribution Center (3PS00007) Numeric Effluent Violations

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
January 2007	001	CBOD 5 day	1D Qty	0.57	1.36223	1/4/2007
January 2007	001	CBOD 5 day	30D Qty	0.38	.68112	1/1/2007
July 2006	001	pH	1D Conc	6.5	6.	7/17/2006
August 2006	001	Chlorine, Total Residual	1D Conc	0.019	.07	8/7/2006
October 2006	001	Fecal Coliform	1D Conc	2000	2000.	10/18/2006
October 2006	001	Fecal Coliform	30D Conc	1000	1549.19	10/1/2006
October 2006	001	pH	1D Conc	6.5	6.1	10/2/2006
October 2006	001	pH	1D Conc	6.5	6.1	10/3/2006
October 2006	001	pH	1D Conc	6.5	6.3	10/4/2006
October 2006	001	pH	1D Conc	6.5	6.3	10/5/2006
October 2006	001	pH	1D Conc	6.5	6.2	10/6/2006
October 2006	001	pH	1D Conc	6.5	6.4	10/9/2006
October 2006	001	pH	1D Conc	6.5	6.2	10/10/2006
October 2006	001	pH	1D Conc	6.5	6.4	10/18/2006
October 2006	001	pH	1D Conc	6.5	6.4	10/20/2006
October 2006	001	pH	1D Conc	6.5	6.4	10/23/2006
July 2007	001	Total Suspended Solids	1D Conc	18	108.	7/19/2007
July 2007	001	Total Suspended Solids	30D Conc	12	54.	7/1/2007
July 2007	001	Total Suspended Solids	1D Qty	0.68	2.35825	7/19/2007
July 2007	001	Total Suspended Solids	30D Qty	0.45	1.17913	7/1/2007

Summary/Conclusion

Please be advised that failure to comply with the terms and conditions of your NPDES permit may be subject to enforcement actions pursuant to Chapter 6111 of the Ohio Revised Code. Such actions can result in fines of up to \$10,000 per day of violation. Please inform this office, in writing, within 10 days of receipt of this notification as to the actions taken or proposed to address the above violation and/or deficiencies. Your response **shall** include specific dates for completion of the actions. Please be advised that past or present issues of noncompliance can continue as subjects of future enforcement actions by Ohio EPA.

Should you have any questions or comments regarding this letter, please contact me at (330) 963-1196.

Respectfully,



Ermelindo Gomes
Environmental Engineer
Division of Surface Water

EG/mt