



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

May 10, 2013

RE: PORTAGE COUNTY
KENT WATER TREATMENT PLANT
NPDES PERMIT NO. OHGW00001
OHIO EPA PERMIT NO. 3GW00001

Steve Hardesty, Plant Manager
Kent Water Treatment Plant
5860 Hodgeman Lane
Westlake, Ohio 44240

Dear Mr. Hardesty:

On April 16, 2013, an inspection was conducted by the undersigned of the wastewater management systems serving the City of Kent Water Treatment Plant. In addition to you, the facility was represented by Mr. Brian Johnson, Chief 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) general permit. Additionally, the inspection served to verify that the facility's reporting requirements should fall under Monitoring Table 005, rather than 004.

The Kent WTP utilizes conventional treatment processes including chemical addition (lime-soda softening), flash mixing, flocculation, sedimentation, filtration, fluoridation and chlorination to treat water withdrawn from the City's well field. The facility, presently rated at 6 MGD, produces an average of 2 MGD.

Lime-based sludge generated from the process is dewatered and beneficially reused as an agricultural amendment. The filtrate is discharged into one of two settling lagoons prior to discharging to Brimfield Ditch via the following outfalls:

- Outfall 001: West lagoon overflow
- Outfall 002: East lagoon overflow

At the time of the inspection, the general operation and maintenance of the wastewater management systems appeared to be satisfactory. The final effluent being discharged to Outfall 002 was visually clear.



The evaluation of the facility laboratory noted the following:

1. The facility must ensure that duplicate analyses are performed for any parameters, e.g. TSS, that are analyzed in-house.
2. A temperature log must be maintained of the laboratory oven (when in use).

Discharge monitoring reports (DMR) received by Ohio EPA for the period, January 2011 - April 2013, were reviewed for compliance with the final effluent limitations and monitoring requirements of the NPDES permit. No violations of the existing permit effluent limitations were documented for the review period. However, the review noted that the following items must be corrected on future DMRs:

- The appropriate laboratory method detection limit (MDL) must be listed when data substitution code "AA" is utilized. **Values of "0" cannot be reported.**

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Should you have any questions or comments regarding this letter, please contact this office.

Respectfully,



Ermelindo Gomes
Environmental Engineer
Division of Surface Water

EG/cs

File/Industrial/PC/Kent Water Plant
