



State of Ohio Environmental Protection Agency

Northeast District Office

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

March 31, 2010

RE: ODOT COLEBROOK 04-42 REST AREA
NPDES PERMIT NO. 3PP00016
COLEBROOK TWP, ASHTABULA COUNTY
COMPLIANCE INSPECTION EVALUATION

Mr. Paul Oberdorfer
Head of Building Maintenance
Ohio Department of Transportation
2088 S. Arlington Rd.
Akron, Ohio 44306

Dear Mr. Oberdorfer:

On March 30, 2010, a site inspection was conducted at the above referenced facility on the east side of State Route 11 south of U.S. 6, Colebrook Township, Ashtabula County. The inspection was conducted by John Schmidt of this office. David Park represented the Ohio Department of Transportation (ODOT). The purpose of the inspection was to evaluate the facility's compliance status with respect to the terms and conditions of the facility's National Pollutant Discharge Elimination System (NPDES) permit. The last compliance inspection was conducted on October 6, 2009.

The system consists of a trash trap, extended aeration tanks, fixed media clarifiers, rapid sand filtration, chlorine disinfection, and dechlorination. Sludge management consists of sludge removal from the sludge tanks when needed to another POTW. The facility discharges to an unnamed tributary to Mosquito Creek adjacent to the west side of the facility. No backup power is provided to the facility, but the facility is provided with alarms.

Observations

Following are observations made during the inspection.

1. The design flow of the extended aeration plant is 10,000 gallons per day, although the plant is not receiving anywhere near that flow. The plant operates continuously.
2. The overall condition of the treatment plant during this inspection was satisfactory with the plant well kept. Collected trash is pumped out every 4 to 6 months and containerized for disposal at a solid waste landfill.
3. The content of the aeration tank had a medium color and good mixing. Sludge returns were a medium brown color with minimal foaming. The surface of the clarifier was clear. Effluent channels were clean and Mr. Parks indicated that channels were scraped down weekly.

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4. Rapid sand filters were clean and operable, and free of vegetation. The effluent discharged to the sand filter during the inspection was clear and free of color and turbidity. The wastewater percolated freely through the sand indicating that the beds were not clogged.
5. The final effluent was clear. The final discharge at the tributary to Mosquito Creek could not be observed due to local weather conditions.
6. The sludge holding tank was being aerated. Mr. Parks indicated that sludge is removed and hauled to another POTW approximately twice per year.
7. Samples are collected by Mr. Parks. Mr. Parks performs on-site analysis of pH and DO.
8. Cardinal Laboratories provides the sample bottles and preservatives and performs laboratory analysis of collected samples.
9. Mr. Park submits the data to Ohio EPA's electronic discharge monitoring report (e-DMR) system.
10. Electrical outages have occurred in the past which caused plant upsets. Damage to equipment is now minimized by shutting down the entire plant if partial power is lost to the facility, and the plant must be manually restarted following a power outage. Currently, no backup generator is present on the site.

NPDES Permit Compliance Review

A review of the electronic discharge self-monitoring reports (eDMRs) received by Ohio EPA for the period November 1, 2009 through March 30, 2010 indicates apparent noncompliance of the terms and conditions of your NPDES permit. No specific instances of noncompliance were noted for the period reviewed.

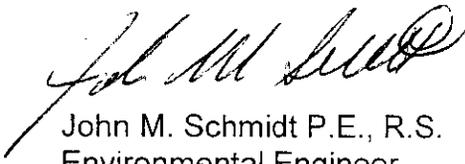
A review of older eDMR data indicates that ODOT failed to report turbidity, color, and odor for various days between January and August 2009 that should be submitted if this data is available. If ODOT feel some of Ohio EPA's reporting records are in error, you may wish to reenter this information through the eDMR system or mail your data to Ohio EPA DSW central office and request that the data be entered on your behalf. Ohio EPA's eDMR support staff may also be available to assist you in this matter. E-mailing questions to James.Roberts@epa.state.oh.us is the quickest way to get a response if you have a specific question with the eDMR program or how to make corrections to what is reported in the eDMR program.

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Based upon the inspection findings and the overall compliance record of the facility, the facility is considered to be in substantial compliance. Ohio EPA recommends that ODOT consider backup generators for this facility.

If you have any questions or comments regarding this notification, please feel free to contact me at (330) 963-1175.

Respectively,

A handwritten signature in black ink, appearing to read "John M. Schmidt". The signature is written in a cursive style with a large initial "J".

John M. Schmidt P.E., R.S.
Environmental Engineer
Division of Surface Water

JMS/mt