



State of Ohio Environmental Protection Agency

Northeast District Office

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

October 23, 2008

RE: MEDINA COUNTY
HINCKLEY TOWNSHIP
MEDINA SD # 9
(NPDES NO. 3PG00042)

Mr. Tracey Phelps, Superintendent of Treatment
Medina County Sanitary Engineers
791 West Smith Road
PO Box 542
Medina, OH 44258

Dear Mr. Phelps:

On October 2, 2008, a Compliance Evaluation Inspection (CEI) was conducted at the Medina SD #9 wastewater treatment plant (WWTP), located on David Drive, in Hinckley Township. The purpose of the inspection was to evaluate the operation and maintenance of the facility, the effluent discharge quality, and the general compliance with the intent of the NPDES permit.

At the time of the October 2nd inspection, the following observations were made:

- 1) The grease trap was in use, and its contents are pumped on an as-needed basis, approximately twice per year.
- 2) The extended aeration tank contents were medium brown in color, with no foam present. The return activated sludge (RAS) line was operational, and water being returned was also medium brown.
- 3) The RAS return rate was very low, due to the use of a Geyser Pump for return, instead of a typical air lift piping setup.
- 4) The settling tank contents were typical, and were covered with a slight floating scum. The settling tank effluent trough was clean. The skimmer is operated only when personnel are at the WWTP.
- 5) Disinfection is accomplished with flow proportioned liquid chlorine, and dechlorination of the chlorinated water is performed with liquid sodium bisulfite.
- 6) The treated effluent is post aerated prior to discharge. The effluent was visually clear, and free of solids and foam.
- 7) Sludge generated at the Medina SD #9 WWTP is hauled to the Medina SD 300 WWTP for treatment and disposal.

MR. TRACEY PHELPS
MEDINA SD #9
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A review of the electronic Discharge Monitoring Reports (eDMR's) submitted for the Medina SD #9 WWTP found the following final effluent limit numeric violations since the last inspection:

**Medina SD # 9 WWTP
NUMERIC EFFLUENT VIOLATIONS
PERMIT NO. 3PD00042
(Dec. 1, 2005 – Sep. 1, 2008)**

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
March 2008	Total Suspended Solids	7D Qty	1.14	1.64875	3/1/2008
August 2007	Total Suspended Solids	30D Qty	0.45	.51779	8/1/2007

Medina County should continue current operation and maintenance practices, which allow the SD #9 WWTP to consistently meet its NPDES Permit limits.

If you have any comments or questions regarding this correspondence, you may contact me at (330) 963-1110.

Respectfully,



Charles E. Allen
Environmental Engineer
Division of Surface Water

CEA/mlh

File: Public/MedinaCounty SD #9/P&C