



State of Ohio Environmental Protection Agency

**Northwest District Office**

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

Re: Seneca County  
Sentinel Vocational School  
Sewerage

April 8, 2010

Mr. Greg Edinger, Superintendent  
Sentinel Vocational School  
1306 Cedar Street  
Fremont, Ohio 43420

Dear Mr. Edinger:

On March 11, 2010, an inspection of the Sentinel Vocational School wastewater treatment plant (WWTP) was made. Mr. Brad Borer, Technical Supervisor/Operator, was present and provided information regarding the plant's operation. Observations and recommendations noted during the inspection are as follows:

1. The plant was operating and had what appeared to be adequate aeration at the time of the inspection.
2. Sludge bulking was observed in the clarifier, with some floc / solids carryover observed at the effluent weir. It was indicated that sludge was being pumped out of the plant, to the tank being used for sludge storage.
3. The clarifier hopper walls should be scraped down once per day to increase the solids returned and prevent sludge from bulking and floating to the surface of the tank.
4. Two sludge returns were in operation and return liquid appeared brown in color.
5. The skimmer was operational.
6. The east set of sand filters were in use, with the north filter in use at the time of inspection. The filters appeared to be clean, but should be leveled. The filters should be kept free of weeds at all times.
7. Ultraviolet disinfection is provided. Disinfection is required to be provided from May through October.
8. A grease trap located exterior to the building was recently located and cleaned out. This tank should be inspected frequently and cleaned out as needed.

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A review of your discharge monitoring reports (DMRs) has also been conducted (June 2009–February 2010). One permit violation was noted for outfall 001 as follows:

Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
80082	CBOD 5 day	30D Conc	10	12.3333	9/1/2009

If there are any questions, please contact me at 419-373-3014.

Yours truly,

  
Mary Beth Cohen  
Division of Surface Water

/lr

Enclosures

pc: Seneca County General Health District  
Mr. Brad Borer, Technical Supervisor  
{DSW-NWDO:File }