



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
Seneca County Facilities & Jail
Sewerage

September 17, 2009

Seneca County Commissioners
111 Madison Street
Tiffin, Ohio 44883

Dear Commissioners:

On August 27, 2009, a reconnaissance inspection was made at the wastewater treatment facility which serves the Seneca County Facilities. Mr. Brad Borer, Technical Consultant/Certified Operator and John Damm, HANK & Assoc., were present.

At the time of the inspection, the trash trap, and influent manholes along with other plant components were reviewed. Pictures (copies attached) were taken during this time.

1. The trash trap was observed to have excessive amounts of debris.
2. It was indicated that the trash trap had been cleaned out less than one month ago. A probe was used to estimate that the level of trash collected within the tank since last being cleaned (< 1 mo.) was about 1.5 feet.
3. Trash was also observed at the baffled inlet of the clarifier.
4. As indicated in our letter dated May 22, 2009, the data being reported on the discharge monitoring reports (DMRs) appears to be an averaged flow based on numerous days. Flows are to be reported daily as required by the NPDES permit.

As per the NPDES Permit, Part I, C - Schedule of Compliance: Detail plans for pretreatment facilities and sanitary sewer connection were to have been submitted not later than 40 months from the effective date of this permit (submittal due May 1, 2009). Ultimately, this entity shall connect to the sanitary sewer and abandon the onsite wastewater treatment plant, not later than January 1, 2011.

Review of the (averaged) flow monitoring data shows prolonged occurrences of flows that greatly exceed the design flow of the WWTP. Clean water connections, older, leaky or damaged sewers often contribute to this problem, resulting in inflow and infiltration (I/I).

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The I/I issues need to be evaluated and corrected prior to connection to the regional sanitary sewer. **No additional sources of wastewater are to be added to the existing wastewater treatment facility prior to connection to the regional (Tiffin) sewage system.**

A compliance review of your discharge monitoring reports (DMRs) has also been conducted. A list of permit violations (April 2009 thru July 2009) is enclosed. If there are any questions, please advise.

Yours truly,



Mary Beth Cohen
Division of Surface Water

/csl

Enclosure

pc: Seneca County General Health District
Mr. Brad Borer, Certified Operator
Ms. Ann Bishop, Seneca Regional Planning Commission
NWDO - DSW file
Mark Zimmerman

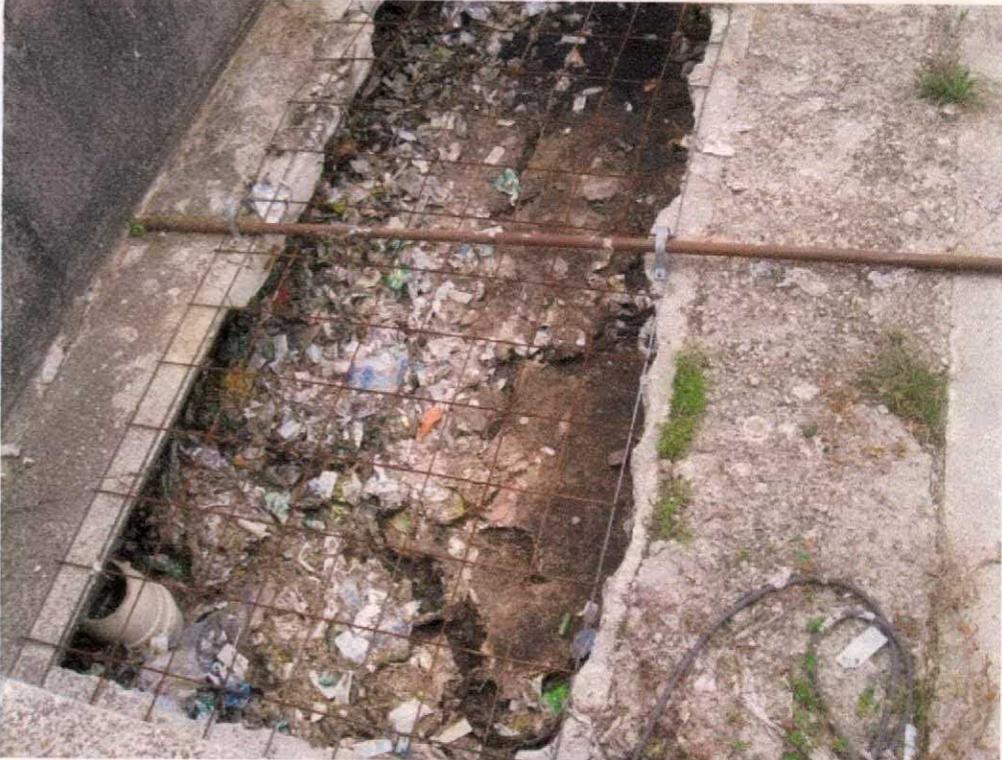
Seneca County Facilities & Jail 2PG00088*CD
 Limit Violations April 2009 thru July 2009

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
April 2009	001	00530	Total Suspended Solids	30D Conc	12	15.5	4/1/2009
April 2009	001	00530	Total Suspended Solids	30D Qty	1.4	1.43641	4/1/2009
April 2009	001	00610	Nitrogen, Ammonia (NH3	30D Conc	4.5	7.715	4/1/2009
April 2009	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.5	.55645	4/1/2009
April 2009	001	80082	CBOD 5 day	30D Conc	10	25.5	4/1/2009
April 2009	001	80082	CBOD 5 day	30D Qty	1.2	2.15461	4/1/2009
April 2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	6.8	10.	4/6/2009
April 2009	001	80082	CBOD 5 day	1D Conc	15	27.	4/6/2009
April 2009	001	80082	CBOD 5 day	1D Qty	1.8	1.83951	4/6/2009
April 2009	001	00530	Total Suspended Solids	1D Conc	18	21.	4/9/2009
April 2009	001	80082	CBOD 5 day	1D Conc	15	17.	4/9/2009
April 2009	001	00530	Total Suspended Solids	1D Qty	2.1	2.18016	4/20/2009
April 2009	001	80082	CBOD 5 day	1D Qty	1.8	1.8168	4/20/2009
April 2009	001	00300	Dissolved Oxygen	1D Conc	5.0	2.88	4/20/2009
April 2009	001	80082	CBOD 5 day	1D Conc	15	43.	4/27/2009
April 2009	001	80082	CBOD 5 day	1D Qty	1.8	3.41786	4/27/2009
April 2009	001	00300	Dissolved Oxygen	1D Conc	5.0	3.52	4/27/2009
May 2009	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.5	2.78	5/1/2009
May 2009	001	31616	Fecal Coliform	30D Conc	1000	1000.	5/1/2009
May 2009	001	00300	Dissolved Oxygen	1D Conc	5.0	4.75	5/11/2009
May 2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	2.3	4.53	5/19/2009
May 2009	001	00400	pH	1D Conc	6.5	6.4	5/25/2009

Seneca County Facilities - Jail

Wastewater Treatment Plant (WWTP) trash trap
Pictures 1 – 16 taken 8/27/09 by M.B.Cohen

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Seneca County Facilities / Jail , Seneca County
Manhole located just NE – flow from jail building into MH just before
WWTP



Manhole located just NE – flow from jail building into MH just before WWTP

