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May 21, 2010

The Honorable Jake Nihiser, Mayor
Village of Sugar Grove
101 Bridge Street
Sugar Grove, Ohio 43155

Dear Mayor Nihiser:

Attached is a report regarding a Compliance Evaluation Inspection that Kelly Thiel and I performed at the villages wastewater treatment plant (WWTP). Present during this inspection was Mr. Lowell Clugston who had been hired by the village in February 2010 as its Operator of Record for this WWTP. Mr. Will Thimmes from the village was also present at the time of this inspection.

Attachment "A" in this report lists effluent limitation violations that have occurred during the period of time extending from July 2006 through March 2010. Due to the number of violations this WWTP is now categorized as being in significant noncompliance with its wastewater discharge permit. This WWTP will be receiving additional attention from this office to ensure that action is taken by the village to resolve noncompliance.

It was good to see that the village has already taken a step to help resolve noncompliance through replacement in late 2009 of leaking air supply lines in the WWTP. This work will help improve the efficiency of air delivery throughout the plant. Other issues that must be addressed are as follows:

1. Repair and return the upflow fixed media clarifiers to service.
2. Replace the effluent flow meter.
3. Provide a means of back-up electrical power at the WWTP.
4. Provide acceptable disposal of influent screening debris. On-site disposal must cease.

Please provide this office in writing by June 14, 2010 a time-line that will be used to address the above referenced issues. This office will include the time-line in the village's wastewater discharge permit when it is renewed in the near future.

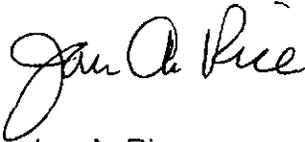
Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

The Honorable Jake Nihiser, Mayor
Village of Sugar Grove
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If the village does not provide an acceptable time-line then this office will develop one for inclusion in the permit renewal. Failure to provide consistent wastewater discharge permit compliance will result in escalated enforcement from this office.

If you have questions I can be reached either by e-mail at jan.rice@epa.ohio.gov or by telephone at 614-728-3850.

Sincerely,



Jan A. Rice
Environmental Specialist
Field Operations Unit
Division of Surface Water
Ohio EPA/CDO

c: Mr. Lowell Clugston
Mr. Will Thimmes, Village of Sugar Grove

JAR/nsm Sugar Grove 5-18-10CEIcovltr

NPDES
Compliance Inspection Report

A. NATIONAL DATA SYSTEM CODING

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
4PA00001*GD	OH0020401	5/18/10	CEI	S	1

B. FACILITY DATA

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of Sugar Grove Wastewater Treatment Plant (WWTP) 246 South Main Street Sugar Grove, Ohio 43155	10:15 P.M.	8/1/05
	Exit Time	Permit Expiration Date
	11:15 P.M.	7/31/10

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Lowell Clugston, Operator of Record Will Thimmes, Maintenance Supervisor	(c) 740-808-6656
Name(s) Address and Title(s) of Operator of Record	Phone Number(s)
Lowell Clugston, Operator of Record, 2687 Cross Creek Avenue, Lancaster, Ohio 43130	(c) 740-808-6656
Name, Address and Title of Responsible Official	Phone Number
Jake Nihiser, Mayor, 101 Bridge Street, Sugar Grove, Ohio 43155	(w) 740-746-8406

C. AREAS EVALUATED DURING INSPECTION (S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

S	Permit
U/S	Records/Reports - records were not available at the WWTP. Such information must be available on site in accordance with Ohio Administrative Code Section 3745-07-09.
S/U	Operations & Maintenance - the effluent flow meter is inoperational and needs replacement. The fixed media upflow clarifiers need to be repaired and returned to service. The WWTP needs a backup power supply generator to ensure that plant operation can continue during power loss.
U	Facility Site Review - influent screening debris disposal onsite must cease.
N	Collection System
U	Flow Measurement - the effluent flow meter is inoperational and needs replacement. Effluent flows are currently calculated through use of information provided by the influent pump station elapsed time pump meters.
N	Laboratory
U/N	Effluent/Receiving Waters - effluent limitation violations are listed in Attachment "A" of this report. Continued violations must cease.
S/S	Sludge Storage/Disposal
N	Pretreatment
None	Compliance Schedules
S	Self-Monitoring Program

D. SUMMARY OF FINDINGS/COMMENTS: The village is improving its WWTP to prevent continued wastewater discharge permit effluent limitations violations. In August/September 2009 piping used to distribute air throughout the WWTP was replaced. Mr. Clugston became the operator in responsible charge of this WWTP in February 2010 and will be continuing work necessary to repair the out of service upflow fixed media clarifier and replace the out of service effluent flow meter.

Jan Rice
 Jan Rice, Inspector, Ohio EPA, Central District Office

5/21/10
 Date

Erin Sherer
 Erin Sherer, Reviewer, Ohio EPA, Central District Office

5/24/10
 Date

Sections E through K: Complete on all inspections as appropriate (N/A = Not Applicable N/E = Not Evaluated)

E. PERMIT VERIFICATION

Inspection Observations Verify the Permit	Yes	No	N/A	N/E
a. Correct name and mailing address of permittee	X			
b. Correct name and location of receiving waters	X			
c. Product(s) and production rates conform with permit application (industries)			X	
d. Flows and loadings conform with NPDES permit	X			
e. Treatment processes are as described in permit application/briefing memo	X			
f. New treatment process(es) added since last inspection		X		
g. Notification given to state of new, different, or increased discharges		X		
h. All discharges are permitted	X			
i. Number and location of discharge points are as described in permit	X			

F. COMPLIANCE SCHEDULES/VIOLATIONS

	Yes	No	N/A	N/E
a. Any significant violations since the last inspection	*X			
b. Permittee is taking actions to resolve violations	X			
c. Permittee has compliance schedule		X		
d. Compliance schedule contained in _____			X	
e. Permittee is meeting compliance schedule			X	

Comments: *a - effluent limitation violations are listed in Attachment "A" of this report. Continued violations are unacceptable.

G. OPERATION AND MAINTENANCE

Treatment Facility Properly Operated and Maintained	Yes	No	N/A	N/E
a. Standby power available: Generator _____ Dual Feed _____		*X		
b. Adequate alarm system available for power or equipment failures		*X		
c. All treatment units in service other than backup units		*X		
d. Sufficient operating staff provided: # of shifts _____ Days/Week <u>3</u>	X			
e. Operator holds unexpired license of class required by permit Class: <u>I</u>	*X			
f. Routine and preventive maintenance schedule/performed on time		*X		
g. Any major equipment breakdown since last inspection				X
h. Operation and maintenance manual provided and maintained		X		
i. Any plant bypasses since last inspection		X		
j. Regulatory agency notified of bypasses _____ on MORS _____ 800 Number _____			X	
k. Any hydraulic and/or organic overloads experienced since last inspection		X		

Attachment "A"
 Village of Sugar Grove
 Effluent Limitations Violations
 Period of time 1/1/06 - 3/31/10

Permit No.	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
4PA00001*GD	August 2006	001	00400	pH	1D Conc	6.5	6.4	8/23/2006
4PA00001*GD	December 2006	001	00530	Total Suspended Solids	30D Conc	30	36.75	12/1/2006
4PA00001*GD	December 2006	001	00530	Total Suspended Solids	7D Conc	45	65.	12/1/2006
4PA00001*GD	December 2006	001	00530	Total Suspended Solids	7D Conc	45	49.	12/15/2006
4PA00001*GD	January 2007	001	00530	Total Suspended Solids	7D Conc	45	59.	1/1/2007
4PA00001*GD	January 2007	001	80082	CBOD 5 day	7D Conc	40	49.	1/1/2007
4PA00001*GD	October 2007	001	31616	Fecal Coliform	30D Conc	1000	1134.	10/1/2007
4PA00001*GD	May 2008	001	80082	CBOD 5 day	30D Conc	25	25.56	5/1/2008
4PA00001*GD	August 2008	001	31616	Fecal Coliform	30D Conc	1000	1367.	8/1/2008
4PA00001*GD	August 2009	001	00530	Total Suspended Solids	30D Conc	30	34.3333	8/1/2009
4PA00001*GD	August 2009	001	31616	Fecal Coliform	30D Conc	1000	2533.	8/1/2009
4PA00001*GD	August 2009	001	80082	CBOD 5 day	30D Conc	25	37.4	8/1/2009
4PA00001*GD	August 2009	001	80082	CBOD 5 day	30D Qty	6.63	6.82052	8/1/2009
4PA00001*GD	August 2009	001	31616	Fecal Coliform	7D Conc	2000	2533.	8/15/2009
4PA00001*GD	August 2009	001	80082	CBOD 5 day	7D Conc	40	65.2	8/15/2009
4PA00001*GD	August 2009	001	80082	CBOD 5 day	7D Qty	10.61	12.4378	8/15/2009
4PA00001*GD	September 2009	001	00530	Total Suspended Solids	30D Conc	30	31.	9/1/2009
4PA00001*GD	September 2009	001	80082	CBOD 5 day	30D Conc	25	36.4	9/1/2009
4PA00001*GD	November 2009	001	00530	Total Suspended Solids	30D Conc	30	58.6666	11/1/2009
4PA00001*GD	November 2009	001	00530	Total Suspended Solids	30D Qty	7.96	8.88806	11/1/2009
4PA00001*GD	November 2009	001	80082	CBOD 5 day	30D Conc	25	45.6066	11/1/2009
4PA00001*GD	November 2009	001	00530	Total Suspended Solids	7D Conc	45	68.	11/8/2009
4PA00001*GD	November 2009	001	00530	Total Suspended Solids	7D Qty	11.94	12.9462	11/8/2009
4PA00001*GD	November 2009	001	00530	Total Suspended Solids	7D Conc	45	95.	11/22/2009
4PA00001*GD	November 2009	001	80082	CBOD 5 day	7D Conc	40	126.	11/22/2009
4PA00001*GD	November 2009	001	80082	CBOD 5 day	7D Qty	10.61	15.0226	11/22/2009
4PA00001*GD	February 2010	001	00530	Total Suspended Solids	30D Conc	30	140.	2/1/2010
4PA00001*GD	February 2010	001	00530	Total Suspended Solids	7D Conc	45	49.	2/1/2010

Attachment "A"
 Village of Sugar Grove
 Effluent Limitations Violations
 Period of time 1/1/06 - 3/31/10

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
4PA00001*GD	February 2010	001	00530	Total Suspended Solids	30D Qty	7.96	14.1117	2/1/2010
4PA00001*GD	February 2010	001	80082	CBOD 5 day	30D Conc	25	86.	2/1/2010
4PA00001*GD	February 2010	001	80082	CBOD 5 day	30D Qty	6.63	10.6700	2/1/2010
4PA00001*GD	February 2010	001	00530	Total Suspended Solids	7D Conc	45	73.	2/8/2010
4PA00001*GD	February 2010	001	80082	CBOD 5 day	7D Conc	40	115.	2/8/2010
4PA00001*GD	February 2010	001	80082	CBOD 5 day	7D Qty	10.61	18.2815	2/8/2010
4PA00001*GD	February 2010	001	00530	Total Suspended Solids	7D Conc	45	380.	2/15/2010
4PA00001*GD	February 2010	001	00530	Total Suspended Solids	7D Qty	11.94	28.9961	2/15/2010
4PA00001*GD	February 2010	001	80082	CBOD 5 day	7D Conc	40	119.	2/15/2010
4PA00001*GD	February 2010	001	00530	Total Suspended Solids	7D Conc	45	58.	2/22/2010
4PA00001*GD	February 2010	001	80082	CBOD 5 day	7D Conc	40	90.2	2/22/2010
4PA00001*GD	February 2010	001	80082	CBOD 5 day	7D Qty	10.61	12.0448	2/22/2010
4PA00001*GD	March 2010	001	00530	Total Suspended Solids	30D Conc	30	35.36	3/1/2010
4PA00001*GD	March 2010	001	00530	Total Suspended Solids	7D Conc	45	80.	3/8/2010
4PA00001*GD	March 2010	001	00530	Total Suspended Solids	7D Qty	11.94	12.7176	3/8/2010

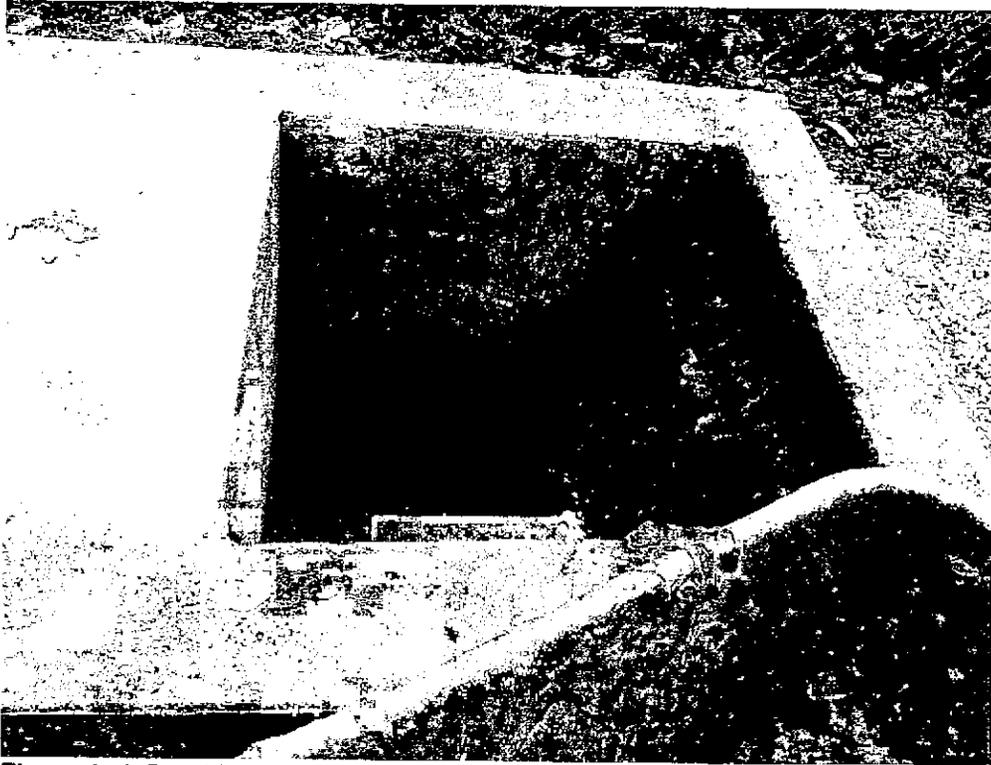


Figure 1. Influent bar screens at the Sugar Grove WWTP.



Figure 2. Debris that has been removed from the influent bar screens is placed in a wheelbarrow for transport to another location onsite.



Figure 3. The final destination for the debris has been to dump it onsite. This practice must cease immediately. Influent screening debris must be disposed in a landfill.

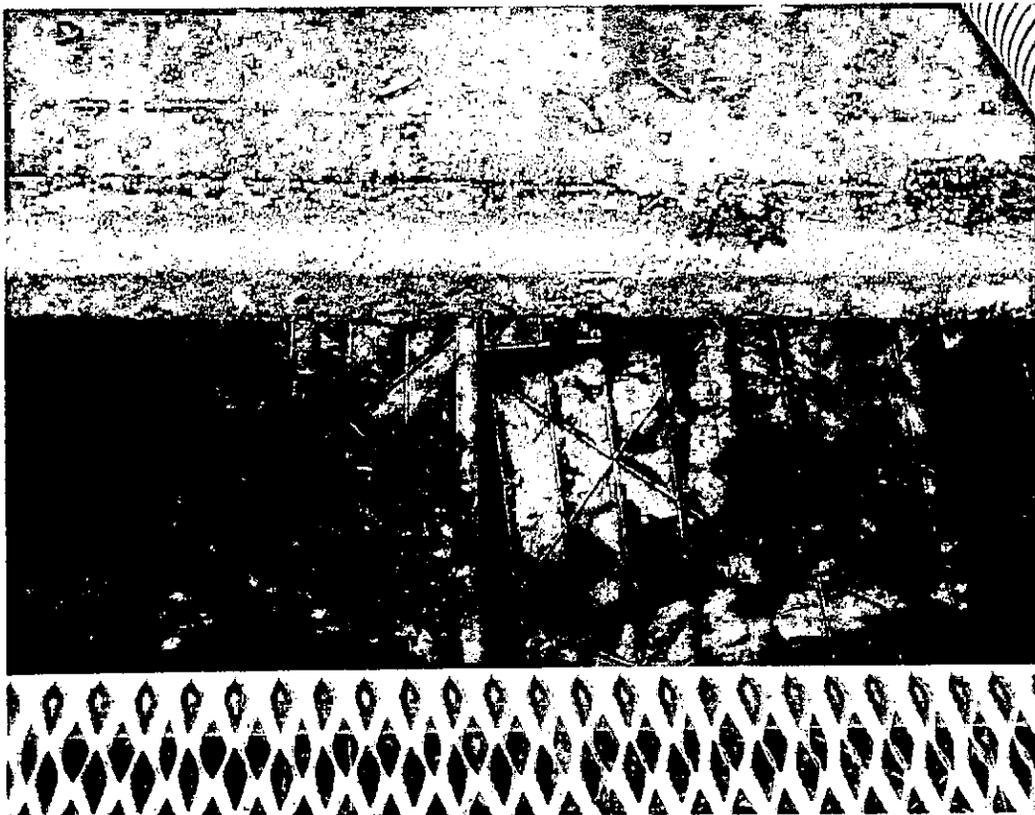


Figure 4. This photograph was taken looking into the south upflow fixed media clarifier. This clarifier needs to be repaired and returned to service to help prevent continued wastewater discharge permit violations.



Figure 5. This photograph was taken looking into the north upflow fixed media clarifier. This clarifier also needs to be repaired and returned to service to help prevent continued wastewater discharge permit violations.

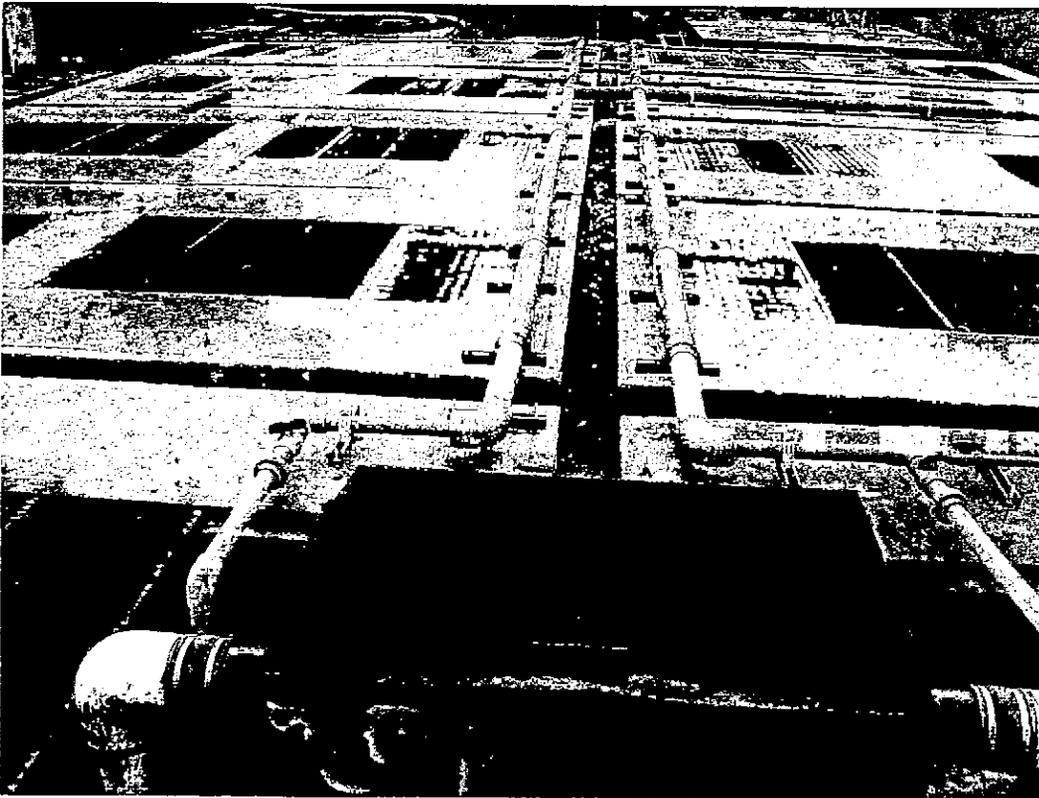


Figure 6. This photograph shows new air supply lines that were installed in 2009 to help resolve wastewater discharge permit noncompliance.

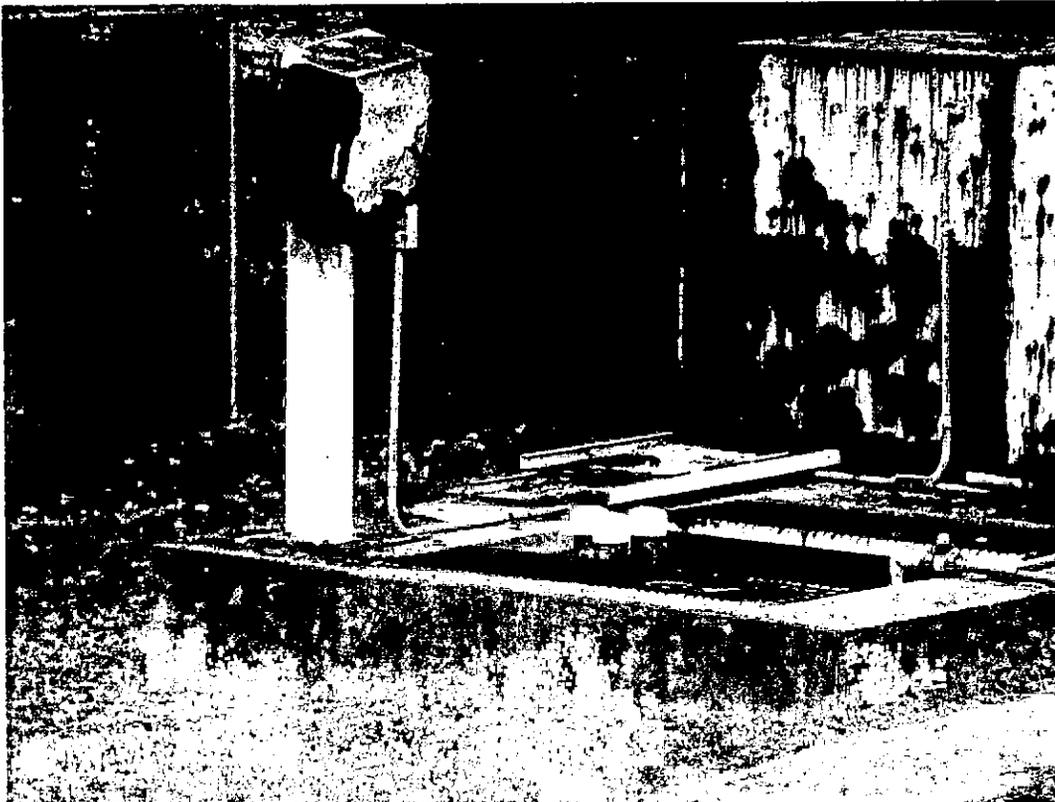


Figure 7. This is a photograph of the now out of service effluent flow meter at this WWTP. The flow meter must be replaced.