



State of Ohio Environmental Protection Agency

Southwest District Office

401 E. Fifth St.
Dayton, Ohio 45402

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www.epa.state.oh.us

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

July 24, 2008

Mayor and Council
Village of Ansonia
202 North Main Street
Ansonia, OH 45303

RE: NOTICE OF VIOLATION
Village of Ansonia NPDES Permit Compliance Inspection
NPDES Permit 1PB00005*KD/OH0023884
Darke County

Ladies and Gentlemen:

On June 26, 2008, Ohio EPA representatives met with Brian Wilcox and Kevin Koesters, Village Administrator of Ansonia, to discuss the wastewater collection and treatment system and coverage under the above referenced NPDES permit. Numerous violations of the effluent limitations in the NPDES permit were noted.

Enclosed is a detailed inspection report. A response to this inspection report is requested. Provide a response to the items listed under the "Items Requiring a Response" section of the inspection report by **August 24, 2008**. Your response should include dates, either proposed or actual, for completion of actions. Should you have any questions, I can be reached at (937) 285-6109.

Sincerely,

Joe Miller
Division of Surface Water

CC: Darke County Health Department

**Compliance Evaluation Investigation (CEI)
Village of Ansonia, Darke County
June 26, 2008**

Overview

The Village of Ansonia operates a two-cell facultative wastewater lagoon treatment system in series that discharges to the Stillwater Rivers. The lagoons have an average design flow of 350,000 gallons per day. A combined sewer collection system carries wastewater to a pump station to the wastewater lagoons. Combined sewer overflows (CSOs) discharge to the Stillwater River during high flow events. Ansonia's wastewater lagoons and collection system overflows are permitted under NPDES permit 1PB00005*KD/OH0023884.

Combined Sewer Separation

NPDES permit 1PB00005*KD includes a Compliance Schedule with required dates for separation of the combined sewer system. The sewer separation is to be completed by July 31, 2010. The proposed combined sewer separation project involves the installation of both new sanitary and storm sewers.

The combined sewer separation was under construction at the time of inspection. It was estimated that around 95% of the sewer separation was complete; however, the combined sewer overflows have not been eliminated. Combined sewer overflows should be eliminated as they are determined to be unnecessary. The sewer separation has not included the removal of clean water connections at each residence or the replacement of laterals. Ansonia has adopted a clean water connection ban. Home to home inspections, dye-testing, smoke testing, and sewer televising for the purpose of identification and removal of clean water connections should be initiated.

Effluent Violations

The wastewater facility continues to be in violation of effluent limitations. Continued violations of the final effluent maximum pH limitation of 9.0 S.U were reported during the period reviewed (June 2007 to June 2008, see attached). Violation of the pH limitation is a long standing issue. I understand the Village has been in contact with Victor Reverendo of the Compliance Assistance Unit to assist in improving the quality of effluent.

Phosphorus Limitation

A total phosphorus limitation of 1.0 mg/l becomes effective on January 1, 2011. An update describing any progress and the results obtained from an evaluation of the current wastewater system is due to this office on June 1, 2008. A PTI for any necessary improvements is required by January 1, 2009.

ITEMS REQUIRING A RESPONSE

1. Combined sewer separation – Provide an update on completion of the sewer separation and elimination of the combined sewer overflows.
2. Effluent Limitation Violations – Provide a plan for bringing the wastewater discharge from the lagoons into compliance with the NPDES permit.
3. Total Phosphorus Reduction – Provide the required six month update regarding what evaluations of the treatment system have been completed and the initial results and recommendations of these evaluations.
4. Operator of Record – Submit an Operator of Record form for the wastewater treatment plant.



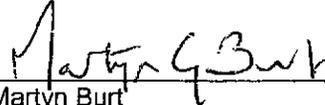
State of Ohio Environmental Protection Agency
Southwest District Office

NPDES Compliance Inspection Report

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1PB00005*KD	OH0023884	6/26/08	C	S	11

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of Ansonia Wastewater Treatment North Main Street Ansonia, OH 45303	9:30 AM	January 1, 2008
	Exit Time	Permit Expiration Date
	11:45 AM	December 31, 2012
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Kevin Koesters, Village Administrator Brian Wilcox, former Village Administrator	937-337-6781	
Name, Address and Title of Responsible Official	Phone Number	
Mayor and Council Village of Ansonia 202 North Main Street, P.O. Box 607 Ansonia, OH 45303	937-337-6781	

Section C: Areas Evaluated During Inspection					
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)					
S	Permit	N	Flow Measurement	S	Pretreatment
S	Records/Reports	N	Laboratory	S	Compliance Schedule
M	Operations & Maintenance	U	Effluent/Receiving Waters	S	Self-Monitoring Program
S	Facility Site Review	N	Sludge Storage/Disposal	S	Other
M	Collection System				

Section D: Summary of Findings (Attach additional sheets if necessary)	
<p>O&M rated as marginal due to failure to control algae. Collection system rated as marginal due to storm water connections. Effluent/Receiving Water rated as unsatisfactory due to effluent violations and impact to Stillwater River. Compliance Schedule was rated as satisfactory. Self-monitoring rated as satisfactory; effluent violations are being reported properly.</p>	
Inspector	Reviewer
 Joe Miller Division of Surface Water Southwest District Office	 Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office
Date: 7/24/08	Date: 7/25/08

Village of Ansonia WWTP Effluent Limit Violations June 2007 to June 2008

Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
June 2007	001	00400	pH	1D Conc	9.0	9.2	6/1/2007
June 2007	001	00400	pH	1D Conc	9.0	9.1	6/4/2007
June 2007	001	00400	pH	1D Conc	9.0	9.2	6/5/2007
June 2007	001	00400	pH	1D Conc	9.0	9.1	6/6/2007
June 2007	001	00400	pH	1D Conc	9.0	9.3	6/7/2007
June 2007	001	00400	pH	1D Conc	9.0	9.1	6/8/2007
June 2007	001	00400	pH	1D Conc	9.0	9.2	6/11/2007
June 2007	001	00400	pH	1D Conc	9.0	9.1	6/12/2007
June 2007	001	00400	pH	1D Conc	9.0	9.2	6/15/2007
June 2007	001	00400	pH	1D Conc	9.0	9.2	6/18/2007
June 2007	001	00400	pH	1D Conc	9.0	9.2	6/19/2007
June 2007	001	00400	pH	1D Conc	9.0	9.1	6/20/2007
June 2007	001	00400	pH	1D Conc	9.0	9.5	6/21/2007
June 2007	001	00400	pH	1D Conc	9.0	9.1	6/22/2007
June 2007	001	00400	pH	1D Conc	9.0	9.1	6/25/2007
June 2007	001	00400	pH	1D Conc	9.0	9.2	6/26/2007
July 2007	001	00400	pH	1D Conc	9.0	9.1	7/3/2007
July 2007	001	00400	pH	1D Conc	9.0	9.2	7/23/2007
July 2007	001	00400	pH	1D Conc	9.0	9.4	7/24/2007
July 2007	001	00400	pH	1D Conc	9.0	9.3	7/25/2007
July 2007	001	00400	pH	1D Conc	9.0	9.4	7/26/2007
July 2007	001	00400	pH	1D Conc	9.0	9.2	7/27/2007
July 2007	001	00400	pH	1D Conc	9.0	9.2	7/30/2007
July 2007	001	00400	pH	1D Conc	9.0	9.2	7/31/2007
August 2007	001	00400	pH	1D Conc	9.0	9.3	8/1/2007
August 2007	001	00400	pH	1D Conc	9.0	9.3	8/2/2007
August 2007	001	00400	pH	1D Conc	9.0	9.2	8/3/2007
August 2007	001	00400	pH	1D Conc	9.0	9.1	8/6/2007
August 2007	001	00400	pH	1D Conc	9.0	9.3	8/7/2007
August 2007	001	00400	pH	1D Conc	9.0	9.4	8/9/2007
August 2007	001	00400	pH	1D Conc	9.0	9.1	8/10/2007
August 2007	001	00400	pH	1D Conc	9.0	9.2	8/13/2007
August 2007	001	00400	pH	1D Conc	9.0	9.3	8/14/2007
August 2007	001	00400	pH	1D Conc	9.0	9.2	8/16/2007
August 2007	001	00400	pH	1D Conc	9.0	9.1	8/17/2007
August 2007	001	00400	pH	1D Conc	9.0	9.1	8/20/2007
August 2007	001	00400	pH	1D Conc	9.0	9.1	8/21/2007
September 2007	001	00400	pH	1D Conc	9.0	9.3	9/4/2007
September 2007	001	00400	pH	1D Conc	9.0	9.2	9/5/2007
September 2007	001	00400	pH	1D Conc	9.0	9.2	9/6/2007
September 2007	001	00400	pH	1D Conc	9.0	9.2	9/11/2007
September 2007	001	00400	pH	1D Conc	9.0	9.1	9/12/2007
September 2007	001	00400	pH	1D Conc	9.0	9.1	9/13/2007
September 2007	001	00400	pH	1D Conc	9.0	9.2	9/14/2007

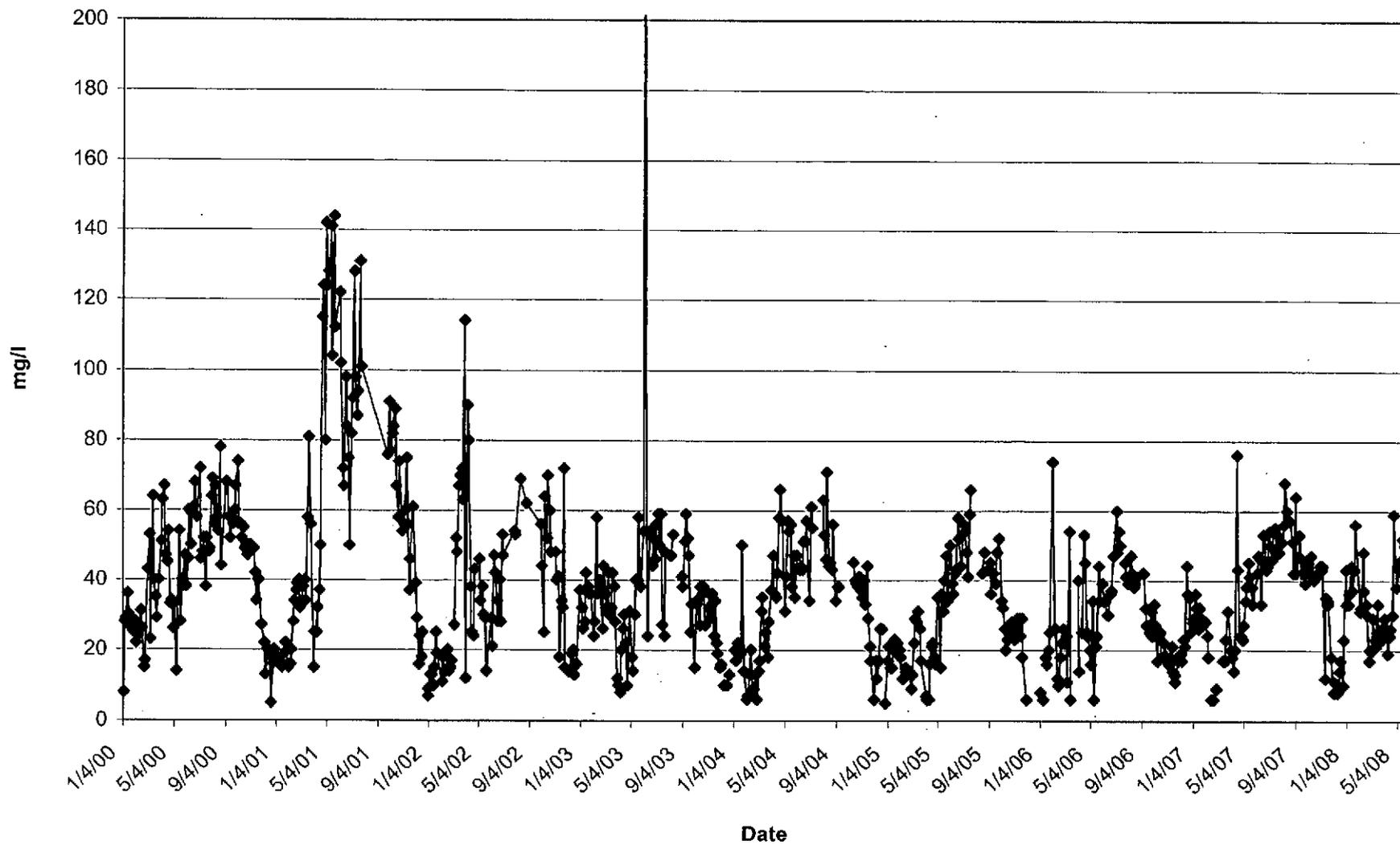
September 2007	001	00400	pH	1D Conc	9.0	9.3	9/17/2007
September 2007	001	00400	pH	1D Conc	9.0	9.2	9/18/2007
September 2007	001	00400	pH	1D Conc	9.0	9.2	9/19/2007
September 2007	001	00400	pH	1D Conc	9.0	9.2	9/24/2007
September 2007	001	00400	pH	1D Conc	9.0	9.1	9/25/2007
October 2007	001	00400	pH	1D Conc	9.0	9.1	10/31/2007
November 2007	001	00400	pH	1D Conc	9.0	9.1	11/5/2007
November 2007	001	00400	pH	1D Conc	9.0	9.4	11/7/2007
November 2007	001	00400	pH	1D Conc	9.0	9.1	11/21/2007
November 2007	001	80082	CBOD 5 day	7D Conc	40	89.	11/22/2007
December 2007	001	00400	pH	1D Conc	9.0	9.2	12/10/2007
December 2007	001	00400	pH	1D Conc	9.0	9.1	12/12/2007
December 2007	001	00400	pH	1D Conc	9.0	9.2	12/18/2007
December 2007	001	00400	pH	1D Conc	9.0	9.1	12/19/2007
December 2007	001	00400	pH	1D Conc	9.0	9.6	12/26/2007
December 2007	001	00400	pH	1D Conc	9.0	9.5	12/27/2007
December 2007	001	00400	pH	1D Conc	9.0	9.5	12/28/2007
December 2007	001	00400	pH	1D Conc	9.0	9.3	12/31/2007
February 2008	001	00400	pH	1D Conc	9.0	9.2	2/29/2008
March 2008	001	00400	pH	1D Conc	9.0	9.2	3/3/2008
March 2008	001	00400	pH	1D Conc	9.0	9.3	3/4/2008
March 2008	001	00400	pH	1D Conc	9.0	9.3	3/5/2008
March 2008	001	00400	pH	1D Conc	9.0	9.3	3/6/2008
March 2008	001	00400	pH	1D Conc	9.0	9.1	3/7/2008
March 2008	001	00400	pH	1D Conc	9.0	9.2	3/10/2008
March 2008	001	00400	pH	1D Conc	9.0	9.4	3/11/2008
March 2008	001	00400	pH	1D Conc	9.0	9.3	3/12/2008
March 2008	001	00400	pH	1D Conc	9.0	9.3	3/13/2008
March 2008	001	00400	pH	1D Conc	9.0	9.5	3/14/2008
March 2008	001	00400	pH	1D Conc	9.0	9.3	3/17/2008
March 2008	001	00400	pH	1D Conc	9.0	9.3	3/18/2008
March 2008	001	00400	pH	1D Conc	9.0	9.3	3/19/2008
March 2008	001	00400	pH	1D Conc	9.0	9.1	3/20/2008
March 2008	001	00400	pH	1D Conc	9.0	9.3	3/21/2008
March 2008	001	00400	pH	1D Conc	9.0	9.4	3/24/2008
March 2008	001	00400	pH	1D Conc	9.0	9.5	3/25/2008
March 2008	001	00400	pH	1D Conc	9.0	9.4	3/26/2008
March 2008	001	00400	pH	1D Conc	9.0	9.3	3/27/2008
March 2008	001	00400	pH	1D Conc	9.0	9.3	3/28/2008
March 2008	001	00400	pH	1D Conc	9.0	9.3	3/31/2008
April 2008	001	00400	pH	1D Conc	9.0	9.2	4/1/2008
April 2008	001	00400	pH	1D Conc	9.0	9.2	4/2/2008
April 2008	001	00400	pH	1D Conc	9.0	9.4	4/3/2008
April 2008	001	00400	pH	1D Conc	9.0	9.6	4/4/2008
April 2008	001	00400	pH	1D Conc	9.0	9.4	4/7/2008
April 2008	001	00400	pH	1D Conc	9.0	9.5	4/8/2008
April 2008	001	00400	pH	1D Conc	9.0	9.1	4/10/2008
April 2008	001	00400	pH	1D Conc	9.0	9.1	4/11/2008
April 2008	001	00400	pH	1D Conc	9.0	9.3	4/14/2008
April 2008	001	00400	pH	1D Conc	9.0	9.1	4/15/2008

April 2008	001	00400	pH	1D Conc	9.0	9.2	4/17/2008
April 2008	001	00400	pH	1D Conc	9.0	9.1	4/18/2008
April 2008	001	00400	pH	1D Conc	9.0	9.2	4/23/2008
April 2008	001	00400	pH	1D Conc	9.0	9.3	4/30/2008
May 2008	001	00530	Total Suspended Solids	7D Qty	119	127.789	5/15/2008
May 2008	001	00400	pH	1D Conc	9.0	9.1	5/22/2008
June 2008	001	00300	Dissolved Oxygen	1D Conc	5.0	4.9	6/4/2008

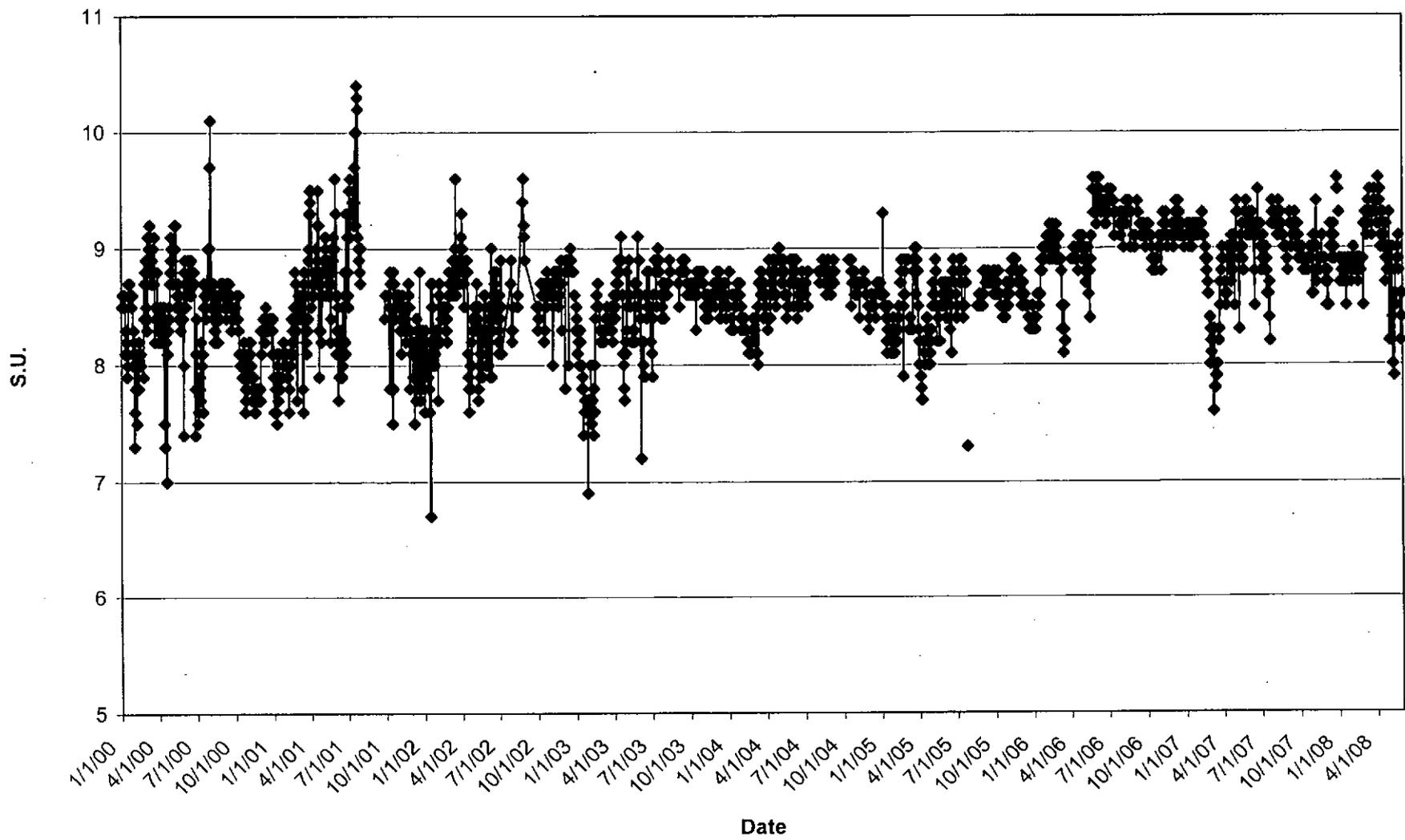
Village of Ansonia WWTP Effluent Frequency Violations June 2007 to June 2008

Reporting Period	Station	Report Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
August 2007	801	00610	Nitrogen, Ammonia (NH3)	1/Quarter	1	0	08/01/2007
August 2007	901	00610	Nitrogen, Ammonia (NH3)	1/Quarter	1	0	08/01/2007
August 2007	001	00630	Nitrite Plus Nitrate,	1/Month	1	0	08/01/2007
August 2007	601	00530	Total Suspended Solids	2/Week	2	1	08/22/2007
August 2007	601	80082	CBOD 5 day	2/Week	2	1	08/22/2007
August 2007	001	00530	Total Suspended Solids	2/Week	2	1	08/22/2007
August 2007	001	00610	Nitrogen, Ammonia (NH3)	2/Week	2	1	08/22/2007
August 2007	001	31616	Fecal Coliform	2/Week	2	1	08/22/2007
August 2007	001	80082	CBOD 5 day	2/Week	2	1	08/22/2007
September 2007	801	00010	Water Temperature	1/Month	1	0	09/01/2007
November 2007	001	00530	Total Suspended Solids	2/Week	2	1	11/08/2007
November 2007	001	00530	Total Suspended Solids	2/Week	2	1	11/22/2007
November 2007	001	00610	Nitrogen, Ammonia (NH3)	2/Week	2	1	11/22/2007
November 2007	001	80082	CBOD 5 day	2/Week	2	1	11/22/2007
November 2007	601	00530	Total Suspended Solids	2/Week	2	1	11/22/2007
November 2007	601	80082	CBOD 5 day	2/Week	2	1	11/22/2007
November 2007	602	00530	Total Suspended Solids	2/Week	2	1	11/22/2007
November 2007	602	80082	CBOD 5 day	2/Week	2	1	11/22/2007
November 2007	602	00400	pH	2/Week	2	1	11/22/2007
November 2007	602	00056	Flow Rate	2/Week	2	1	11/22/2007
December 2007	001	00610	Nitrogen, Ammonia (NH3)	2/Week	2	1	12/01/2007
January 2008	001	80082	CBOD 5 day	2/Week	2	1	01/22/2008
May 2008	801	00530	Total Suspended Solids	1/Month	1	0	05/01/2008
May 2008	801	80082	CBOD 5 day	1/Month	1	0	05/01/2008
May 2008	902	80082	CBOD 5 day	1/Month	1	0	05/01/2008
June 2008	801	00530	Total Suspended Solids	1/Month	1	0	06/01/2008
June 2008	801	80082	CBOD 5 day	1/Month	1	0	06/01/2008
June 2008	902	80082	CBOD 5 day	1/Month	1	0	06/01/2008

Ansonia TSS January 2000 through May 2008



Ansonia pH Jan 2000 through May 2008



Ansonia Flow (MGD) 2000 to 2008

