



**Environmental  
Protection Agency**

Ted Strickland, Governor  
Lee Fisher, Lt. Governor  
Chris Korleski, Director



\*1PB0003420110519\*

CLERMONT WILLIAMSBURG WWTP

WARE, RONALD

2011/05/19



Environmental  
Protection Agency

John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Scott J. Nally, Director

Ron W.

Patti Bates, Village Administrator  
Village of Williamsburg  
107 West Main Street  
Williamsburg, Ohio 45176

Re: Williamsburg WWTP, NPDES Permit No. 1PB00034\*GD / OH0021571  
Compliance Evaluation Inspection

Dear Ms. Bates:

On Tuesday, May 3, 2011, Mr. Ron Ware of this office conducted a Compliance Evaluation Inspection at the above referenced facility. The Village was represented by Kyle Corbitt, Operator of Record, and Mark Plymesser. The purpose of the inspection was to evaluate plant operation and performance. As indicated in the attached report, three of the areas that were evaluated during the inspection received ratings other than "Satisfactory."

The area designated as "Effluent/Receiving Waters" received an "Unsatisfactory" rating due to violations of the final effluent limitations in this facility's current NPDES permit (1PB00034\*GD) that occurred between June 1, 2010 thru February 28, 2011.

The area designated as "Self-Monitoring Program" received an "Unsatisfactory" rating due to the Village's failure to provide notification of these effluent violations per the requirements in Item 12 (Non-Compliance Notification) of Part III of the facility's current NPDES permit (1PB00034\*GD).

The area designated as "Laboratory" received a "Marginal" rating due to the lack of ASTM or ANSI Class I weights for the balance in the plant laboratory, and a log book for recording calibration checks.

Please provide this office with a written description of any actions, either taken or proposed, to address the noted problems in these areas. This written description should include the dates, either actual or proposed, for completion of these actions. Please provide this office with this written response within thirty days of receipt of this letter.

If you have any questions regarding this report, please contact Mr. Ware at (937) 285 - 6098.

Sincerely,

Martyn Burt  
Compliance and Enforcement Supervisor

MB/mab



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
1PB00034*GD	OH0021571	05/04/2011	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of Williamsburg WWTP 100 Mill Street Williamsburg, Ohio, Clermont County	12:10 PM	September 1, 2009
	Exit Time	Permit Expiration Date
	1:35 PM	August 31, 2014
Name(s) and Title(s) of On-Site Representatives		Phone Number(s)
Kyle Corbitt, Operator of Record Mark Plymesser, technical adviser		513-724-2248
Name, Address and Title of Responsible Official		Phone Number
Patti Bates, Administrator Village of Williamsburg 107 West Main Street Williamsburg, Ohio 45176		(513) 724 - 6107

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

Section D: Summary of Findings (Attach additional sheets if necessary)			
Inspector		Reviewer	
<i>Ron Ware</i> Ron Ware Division of Surface Water Southwest District Office		<i>Marty Burt</i> Marty Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office	
5/19/11 Date		5/19/11 Date	

Permit # : 1PB00034\*GD  
NPDES # : OH002

Sections E thru K: Complete on all inspections as appropriate  
Y – Yes, N – No, N/A – Not Applicable, N/E – Not Evaluated

**Section E: Permit Verification**

Inspection observations verify the permit

- (a) Correct name and mailing address of permittee ..... Y
- (b) Flows and loadings conform with NPDES permit..... Y
- (c) Treatment processes are as described in permit application... Y
- (d) All discharges are permitted..... Y
- (e) Number and location of discharge points are as described  
in permit..... Y
- (f) Storm water discharges properly permitted..... N/E

Comments/Status:

**Section F: Compliance**

- (a) Any significant violations since the last inspection..... Y
- (b) Appropriate Non-compliance notification of violations..... N
- (c) Permittee is taking actions to resolve violations..... Y
- (d) Permittee has a compliance schedule..... N
- (e) Compliance schedule contained in...N/A
- (f) Permittee is in compliance with schedule..... N/A
- (g) Has biomonitoring shown toxicity in discharge since last inspection N/A

Comments/Status:

(a) A list of violations over the past year is provided on pages 11 and 12 of this report.

**Section G: Operation & Maintenance**

**Treatment Works:**

Treatment facility properly operated and maintained

(a) Standby power available.....generator  or dual feed ..... Y

i. What does the back-up power source operate.....

The entire facility.

ii. How often is the generator tested under load.....

Once a week.

(b) Which components have an alarm system available for power or equipment failures.....

The influent pumps and effluent pumps have back-up power and alarm systems (i.e., auto-dialers).

(c) All treatment units in service other than backup units..... Y

(d) What method is used for scheduling routine & preventative maintenance (calendar, software, etc.).....

Maintenance is currently performed on an as-needed basis.

(e) Any major equipment breakdown since last inspection..... Y

(f) Operation and maintenance manual provided and maintained..... Y

(g) Any plant bypasses since last inspection..... N

(h) Any plant upsets since last inspection..... Y

**Comments/Status:**

(e) The influent valve on SBR unit # 3 and one of the blowers for the sludge storage tanks had to be repaired over the past year.

(h) High flow rates and/or equipment break downs were probable causes of the effluent violations cited on pages 11 and 12 of this report.

**Section G: Operation & Maintenance con't**

**Record Keeping/Operator of Record:**

- (a) Wastewater Treatment Works classification (OAC 3745-7)..... II
- (b) Operator of Record holds unexpired license of class required by Permit..... Y
- (c) Copy of certificate of Operator of Record displayed on-site..... N
- (d) Has the Operator of Record submitted an ORC Notification form.. N
- (e) Minimum operator staffing requirements fulfilled (OAC 3745-7).... Y
- (f) If a Staffing Reduction plan has been approved, are the stipulations of the plan being met..... N/A
- (g) Operator of Record log book provided..... Y
- (h) Format of log book (e.g. computer log, hard bound book)
 

Hard bound book.
- (i) Log book kept onsite (in an area protected from weather)..... Y
- (j) Log book contains the following:
  - I. Identification of treatment works..... Y
  - II. Date/times of arrival/departure for Operator of Record and any other operator required by OAC 3745-7..... Y
  - iii. Daily record of operator and maintenance activities (including preventative maintenance, repairs and request for repairs, process control test results, etc.)..... Y
  - iv. Laboratory results (unless documented on bench sheets)... N
  - v. Identification of person making entries..... Y
- (k) Has the Operator of Record submitted written notifications to the permittee, Ohio EPA and, if applicable, any local environmental agencies when a collection system overflow, treatment plant bypass or effluent limit violation has occurred..... N

**Comments/Status:**

(k) Notifications of the effluent violations cited on pages 11 and 12 of this report were not provided as per the requirements in Item 12 (Non-Compliance Notification) of Part III on page 23 and 24 of the facility's current NPDES permit (1PB00034\*GD).

**Section G: Operation & Maintenance con't**

**Collection System:**

- (a) Are there pump stations in the collection system..... Y  
(There are 5 pump stations in the collection system for this facility)
  - i. How many publicly-owned pump stations equipped with permanent standby power or equivalent..... 0
  - ii. How many pump stations have telemetered alarms..... 0
  - iii. How many pump stations have operable alarms..... 3
  
- (b) Any chronic collection system overflows since last inspection..... N
- (c) Regulatory agency notified of all overflows..... N/A
- (d) Are there CSOs in the collection system..... N  
if so, what is the LCTP status.....  

N/A
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- (e) How are CSOs monitored (chalk, block, level sensor, etc.).....  

N/A
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- (f) Portable pumps available for collection system maintenance..... Y
- (g) RDII Program established and active..... N
- (h) Any WIB complaint received since last inspection..... N
- (i) Is there a WIB response plan..... N
- (j) Is any portion of the collection system at or near dry weather capacity..... N

**Comments/Status:**

<p>(a) The type of alarm system used is an auto-dialer.</p> <p>(f) Portable pumps for collection system maintenance are available thru a service contract.</p>
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**Section H: Sludge Management**

- (a) Method of Sludge Disposal...  Land Application  
 Haul to Another NPDES Permittee  
 Haul to a Mixed Solid Waste Landfill

\*if one of the selected methods is land application, complete applicable charts.  
**Class A - Exception Quality Sewage Sludge (monitoring station 584)**

Pathogen Reduction Alternative	84370 Vector Attraction Reduction Options							
	Option 1 -38% Volatile Solids Reduction	Option 2 -Anaerobic Bench Scale Analysis	Option 3 - Aerobic Bench Scale Analysis	Option 4 - Specific Oxygen Uptake Rate	Option 5 - Aerobic Time and Temperature	Option 6 - Alkali Addition	Option 7 - >75% Percent Solids without Unstabilized Solids	Option 8 - >75% Percent Solids with Unstabilized Solids
Alternative 1 - Time and Temperature Regime (84369)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternative 2 - High pH and High Temperature (84369)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternative 3 - Other Processes (84369)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternative 4 - Unknown Processes (84369)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternative 5 - Composting (84397)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternative 5 - Heat Drying (84397)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternative 5 - Heat Treatment (84397)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternative 5 - Thermophilic Aerobic Digestion (84397)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternative 5 - Beta Ray Irradiation (84397)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternative 5 - Gamma ray Irradiation (84397)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternative 5 - Pasteurization (84397)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternative 6 - Approved Equivalent Process	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Class B Sewage Sludge (monitoring station 581)**

Pathogen Reduction Alternative	84370 Vector Attraction Reduction Options									
	Option 1 -38% Volatile Solids Reduction	Option 2 -Anaerobic Bench Scale Analysis	Option 3 - Aerobic Bench Scale Analysis	Option 4 - Specific Oxygen Uptake Rate	Option 5 - Aerobic Time and Temperature	Option 6 - Alkali Addition	Option 7 - >75% Percent Solids without Unstabilized	Option 8 - >75% Percent Solids with Unstabilized	Option 9 - Land Injection	Option 10 - Immediate Incorporation
Alternative 1 - Geometric Mean of Seven Fecal Samples (84369)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternative 2 - Aerobic Digestion (46396)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternative 2 - Air Drying (46396)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternative 2 - Anaerobic Digestion (46396)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternative 2 - Composting (46396)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternative 2 - Lime Treatment (46396)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternative 3 - Approved Equivalent Process	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- (b) Has amount of sludge generated changed significantly since the last inspection..... N
- (c) How much sludge storage is provided at the plant.....  

There are two existing 25,000 gallon storage tanks, and a new 100,000 gallon storage tank at the plant.
- (d) Records kept in accordance with State and Federal law (5 years according to OAC 3745-40-06)..... Y
- (e) Any complaints received in last year regarding sludge..... N
- (f) 5/8" screen at headworks for facilities that land apply sludge..... N/A
- (g) Are sludge application sites inspected to verify compliance with NPDES permit..... N/A
- (h) Is a contractor used for sludge disposal..... Y  
 If so, what is the name of the contractor.....

CSI

**Comments/Status:**

**Section I: Self-Monitoring Program**

**Flow Measurement:**

- (a) Primary/Secondary flow measuring devices (e.g. weir with ultrasonic level sensor):
- (b) Flow meter calibrated annually ..... Y
- (c) 24-hour recording instruments operated and maintained..... Y
- (d) Flow measurement equipment adequate to handle full range of flows..... Y
- (e) All discharged flow is measured..... Y

**Comments/Status:**

**Section I: Self-Monitoring Program (con't)**

**Sampling:**

- (a) Sampling location(s) are as specified by permit..... Y
- (b) Parameters and sampling frequency agree with permit..... Y
- (c) Permittee uses required sampling method..... Y  
(see GLC page)
- (d) Monitoring records (i.e., flow, pH, DO) maintained for a minimum of three years including all original strip chart recordings (i.e, continuous monitoring instrumentation, calibration and maintenance records)..... Y

**Comments/Status:**

**Section I: Self-Monitoring Program (con't)**

**Laboratory:**

*General*

- (a) Does the Quality Assurance Manual contain written Standard Operating Procedures (SOP's) for all analysis performed onsite..... Y
- (b) Do SOP's include the following if applicable..... Y
  - Title
  - Scope and Application
  - Summary
  - Sample Handling and Preservation
  - Interferences
  - Apparatus and Materials
  - Reagents
  - Procedure
  - Calculations
  - Quality Control
  - Maintenance
  - Corrective Action
  - Reference (Parent Method)

*Note: Standard Methods 1020A establishes that "Quality assurance (QA) is the definitive program for laboratory operation that specifies the measure required to produce defensible data of known precision and accuracy. "Standard operating procedures are to be used in the laboratory in sufficient detail that a competent analyst unfamiliar with the method can conduct a reliable review and/or obtain acceptable results." SOPs should be developed for each analytical procedure.*

- (c) EPA approved analytical testing procedures used (40 CFR 136.3).. Y
- (d) If alternate analytical procedures are used, proper approval has been obtained..... N/A
- (e) Analyses being performed more frequently than required by permit. N
- (f) If (e) is yes, are results in permittee's self-monitoring report..... N/A
- (g) Satisfactory calibration and maintenance of instruments/equipment. N  
(see score from GLC page)
- (h) Commercial laboratory used..... Y  
Parameters analyzed by commercial lab: Ammonia nitrogen, nitrates & nitrites, oil & grease, total phosphorus, sludge parameters, cyanide & metals  
Lab name: Test America

*Discharge Monitoring Report Quality Assurance (DMRQA)*

- (a) Participation in latest USEPA quality assurance performance sampling..... N/A  
Date:
- (b) Were any parameters "Unsatisfactory"..... N/A
- (c) Reasons for "Unsatisfactory" parameters.....  
N/A

**Comments/Status:**

**Section J: Effluent/Receiving Water Observations**

Outfall # 1PB00034001

Outfall Description: Effluent ditch to East Fork of the Little Miami River

Receiving Stream: East Fork of the Little Miami River

Receiving Stream Description: State Resource Water

**Comments/Status:**

The plant effluent pumps were in operation at the time of the inspection. The effluent appeared to be clear and free of solids.

**Section K: Multimedia Observations**

- (a) Are there indications of sloppy housekeeping or poor maintenance in work and storage areas or laboratories..... N
- (b) Do you notice staining or discoloration of soils, pavement or floors.. N
- (c) Do you notice distressed (unhealthy, discolored, dead) vegetation.. N
- (d) Do you see unidentified dark smoke or dust clouds coming from sources other than smokestacks..... N
- (e) Do you notice any unusual odors or strong chemical smells..... N
- (f) Do you see any open or unmarked drums, unsecured liquids, or damaged containment facilities..... N

If any of the above are observed, ask the following questions:

- (1) What is the cause of the condition?
- (2) Is the observed condition or source a waste product?
- (3) Where is the suspected contaminant normally disposed?
- (4) Is this disposal permitted?
- (5) How long has the condition existed and when did it begin?

**Comments/Status:**

### Inspection Findings

The Village of Williamsburg's wastewater treatment Plant (WWTP) is designed to treat an average daily flow of 0.5 million gallons per day (MGD). From June 1, 2010 thru February 28, 2011, the Village reported an average daily flow of 0.316 MGD. The WWTP consists of the following major components:

- Preliminary Screens (mechanical 3/4" opening)
- Vortex Grit Removal
- (4) Sequencing Batch Reactor Tanks
- Ultraviolet disinfection
- (3) Aerobic Sludge Storage Tanks

### Effluent Limit Violations

(Period of Review: June 2010 - February 2011)

7D = Weekly    30D = Monthly    1D = Daily  
 Conc. = Concentration (mg/l)    Qty. = Quantity (Kg/Day)

Reporting Period	Parameter	Limit Type	Limit	Reported Value
June 2010	Phosphorus, Total (P)	30D Conc	2.0	2.21
July 2010	CBOD <sub>5</sub>	30D Conc	10	11.67
July 2010	CBOD <sub>5</sub>	7D Conc	15	15.1
July 2010	Nitrogen, Ammonia (NH <sub>3</sub> )	30D Conc	1.5	4.30
July 2010	Nitrogen, Ammonia (NH <sub>3</sub> )	30D Qty	2.84	3.96
July 2010	Nitrogen, Ammonia (NH <sub>3</sub> )	7D Conc	2.3	4.12
July 2010	Nitrogen, Ammonia (NH <sub>3</sub> )	7D Conc	2.3	4.27
July 2010	Nitrogen, Ammonia (NH <sub>3</sub> )	7D Qty	4.35	5.03
July 2010	Nitrogen, Ammonia (NH <sub>3</sub> )	7D Conc	2.3	4.61
July 2010	Nitrogen, Ammonia (NH <sub>3</sub> )	7D Qty	4.35	4.47
July 2010	Nitrogen, Ammonia (NH <sub>3</sub> )	7D Conc	2.3	3.78
July 2010	Total Suspended Solids	30D Conc	12	16.73
July 2010	Total Suspended Solids	7D Conc	18	46
July 2010	Total Suspended Solids	7D Qty	34.1	54.15
July 2010	Total Suspended Solids	7D Conc	18	35.6
July 2010	Total Suspended Solids	7D Qty	34.1	39.85
August 2010	Nitrogen, Ammonia (NH <sub>3</sub> )	30D Conc	1.5	3.17
August 2010	Nitrogen, Ammonia (NH <sub>3</sub> )	30D Qty	2.84	2.85
August 2010	Nitrogen, Ammonia (NH <sub>3</sub> )	7D Conc	2.3	3.63
August 2010	Nitrogen, Ammonia (NH <sub>3</sub> )	7D Conc	2.3	3.55
August 2010	Nitrogen, Ammonia (NH <sub>3</sub> )	7D Conc	2.3	3.63
August 2010	Phosphorus, Total (P)	7D Qty	2.0	2.44
September 2010	Nitrogen, Ammonia (NH <sub>3</sub> )	30D Conc	1.5	2.46
September 2010	Nitrogen, Ammonia (NH <sub>3</sub> )	7D Conc	2.3	8.94
September 2010	Nitrogen, Ammonia (NH <sub>3</sub> )	7D Qty	4.35	9.95

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September 2010	Phosphorus, Total (P)	30D Conc	2.0	3.09
September 2010	Phosphorus, Total (P)	7D Conc	3.0	3.09
October 2010	Phosphorus, Total (P)	30D Conc	2.0	3.81
October 2010	Phosphorus, Total (P)	30D Qty	3.79	4.18
October 2010	Phosphorus, Total (P)	7D Conc	3.0	3.81
November 2010	Phosphorus, Total (P)	7D Conc	2.0	2.98
December 2010	Oil and Grease, Freon	1D Conc	5.0	7.48
February 2011	Phosphorus, Total (P)	30D Conc	2.0	2.32
February 2011	Phosphorus, Total (P)	30D Qty	3.7	4.48
February 2011	Total Suspended Solids	30D Conc	20	30.95
February 2011	Total Suspended Solids	30D Qty	37.9	81.06
February 2011	Total Suspended Solids	7D Conc	30	97.5
February 2011	Total Suspended Solids	7D Qty	56.8	249.27
February 2011	Total Suspended Solids	7D Qty	56.8	63.35

A review of the files showed that Ohio EPA was not given notification of the NPDES violations listed above. Possible causes of most of these violations were either high flow rates and/or equipment break downs. Due to the NPDES violations listed above, the "Effluent/Receiving Waters" section of this report was given an "Unsatisfactory" rating. Due to the facility's failure to provide notification of said violations, the "Self Monitoring" section of this report was given an "Unsatisfactory" rating.

#### Items Noted During the Inspection

1. The laboratory was in relatively good condition. The Village conducts analyses for CBOD<sub>5</sub>, D.O., TSS, fecal coliform, pH, and temperature. Its contract laboratory (Test America) conducts analyses for NH<sub>3</sub>, nitrates & nitrites, oil & grease, total phosphorus, sludge parameters, cyanide and metals. However, the lab did not have a set of ASTM or ANSI Class I weights to check the calibration of the weight balance, nor was there a log book for recording calibration checks. Due to these deficiencies, the area designated as "Laboratory" received a "Marginal" rating.
2. Construction of Phase 2 plant improvements to the Williamsburg WWTP (as called for thru Permit to Install # 780822) is close to being initiated. The proposed Phase 2 improvements are: 1) replacement of the influent pumps; 2) replacement of the mechanical bar screen and the grit removal equipment; 3) replacement of the aeration equipment for the four existing sequencing batch reactors; 4) replacement of the effluent pumps; and 5) replacement of the UV light disinfection equipment.