



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

November 13, 2012

Joe Taylor, Utilities Director  
Village of Granville  
P.O. Box 514  
141 E. Broadway  
Granville, OH 43023

**Re: Granville WWTP  
NPDES Permit 4PC00006/ OH0023345  
Compliance Evaluation Inspection  
Licking County**

Dear Mr. Taylor:

On October 31, 2012, a Compliance Evaluation Inspection was conducted at the Granville WWTP. Present for the inspection were yourself, representing the Village of Granville and myself of the Ohio EPA, Central District Office, Division of Surface Water.

The purpose of the inspection was to evaluate compliance with the terms and conditions of your NPDES permit and to evaluate the operation and maintenance of the plant. Please note the comments in the attached inspection report. If you have any questions or comments concerning the enclosed inspection report, please contact me at (614) 728-3854 or e-mail at paul.vandermeer@epa.ohio.gov.

Sincerely,

Paul L. Vandermeer  
Environmental Specialist  
Compliance and Enforcement Unit  
Division of Surface Water  
Central District Office

cc: Paul L. Vandermeer

PV/nsm Granville WWTP

NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING

Permit #	NPDES #	Inspection Type	Inspector	Facility Type
IPC00006	OH0023345	CEI	S	1
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
10/31/2012	10:30 am	11:45 am	No	No

SECTION B: FACILITY DATA

Name and Location of Facility Inspected	Permit Effective Date
Granville WWTP 456 S. Main St. Granville, OH	8/1/2010
	Permit Expiration Date
	7/31/2015
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
Joe Taylor, Utilities Director	(740) 587-2304
Name and Title of Responsible Official	Phone Number
Joe Taylor, Utilities Director	(740) 587-2304

SECTION C: AREAS EVALUATED DURING INSPECTION

Key: S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated

S*	NPDES Compliance	Permit limit violations have been addressed.
M	Operations & Maintenance	Aeration tank out of service. WWTP operating OK without tank at present.
S	Facility Site Review	Better housekeeping needed for sludge transfers.
M	Collection System	I&I is problematic
S	Flow Measurement	
S	Receiving Waters	
S	Laboratory	

Comments: *\*Permit modification needed to remove residual chlorine limits since the facility now uses ultraviolet light for disinfection.*

Signatures

	11/1/12		11/1/12
Paul L. Vandermeer, Inspector Compliance & Enforcement Division of Surface Water Central District Office	Date	Mike Gallaway, Reviewer Section Manager Division of Surface Water Central District Office	Date

## Compliance Data for Granville WWTP between 1/1/2012 to 10/1/2012

### Summary

Permit Effluent Limit Violations: 6  
 Permit Effluent Code Violations: 3  
 Permit Effluent Frequency Violations: 0  
 Compliance Schedule Violations: 0

Limit Violations						
Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
January 2012	001	pH	1D Conc	6.5	6.3	1/20/2012
January 2012	001	Total Suspended Solids	7D Conc	30	34.5	1/23/2012
January 2012	001	Total Suspended Solids	7D Qty	104	159.644	1/22/2012
February 2012	001	pH	1D Conc	6.5	6.3	2/21/2012
July 2012	001	E. coli	7D Conc	362	3752.33	7/1/2012
July 2012	001	E. coli	7D Conc	362	1407.12	7/8/2012

Code Violations				
Reporting Period	Station	Parameter	Reported Value	Violation Date
March 2012	001	Flow Rate	AD	3/30/2012
March 2012	001	Flow Rate	AD	3/31/2012
April 2012	001	Flow Rate	AD	4/1/2012

### Flow Data for Granville WWTP between 1/1/2012 and 10/1/2012

	Date	Flows (MGD)
<b>Ten Highest Flows</b>	3/15/2012	2.202
	1/26/2012	1.286
	1/27/2012	1.279
	3/18/2012	1.152
	3/19/2012	1.131
	3/16/2012	0.989
	5/7/2012	0.918
	5/8/2012	0.906
	3/20/2012	0.900
	1/28/2012	0.856
<b>Average Flow Rate</b>		0.451

**SECTION D: PERMIT VERIFICATION**

- (a) Correct name and mailing address of permittee ..... Y
- (b) Correct name and location of receiving waters ..... Y
- (c) Products and production rates conform with permit application ..... Y
- (d) Flows and loadings conform with NPDES permit..... Y
- (e) Treatment processes are as described in permit application ..... Y
- (f) New treatment process added since last inspection ..... N
- (g) Notification given to State of new, different or increased discharges ..... NA
- (h) All discharges are permitted..... Y
- (i) Number and location of discharge points are as described in permit..... Y

Comments:

**SECTION E: COMPLIANCE**

- (a) Any significant violations since the last inspection ..... Y
- (b) Permittee is taking actions to resolve violations ..... Y
- (c) Permittee has a compliance schedule ..... N
- (d) Permittee is meeting compliance schedule ..... NA

Comments:

**SECTION F: OPERATION AND MAINTENANCE**

- (a) Standby power available ..... Y  
If yes, what type? *Diesel generator*
- (b) Adequate alarm system available for power or equipment failures ..... Y
- (c) All treatment units in service other than backup units ..... N\*
- (d) Wastewater Treatment Works classification ..... II
- (e) Operator of Record holds unexpired license of class required by Permit.. Y  
Class held: III
- (f) Copy of certificate of Operator of Record displayed on-site ..... Y
- (g) Minimum operator staffing requirements fulfilled ..... Y
- (h) Routine and preventative maintenance scheduled and performed ..... Y\*
- (i) Any major equipment breakdown since last inspection..... N\*
- (j) Operation and maintenance manual provided and maintained ..... Y
- (k) Any plant bypasses since last inspection ..... N
- (l) Regulatory agency notified of bypasses ..... NA  
By MOR  and/or Spill Hotline (1-800-282-9378)
- (m) Any hydraulic or organic overloads since last inspection ..... Y^

Comments: *\*One aeration tank is off line awaiting maintenance. This tank has been offline for an extended period of time. The Village shall submit a schedule to Paul Vandermeer by November 16, 2012 outlining the service required and the planned*

date for return of the tank to service and notifying Paul Vandermeer once it has been placed back into service. ^See flow data in table above.

**SECTION G: LOG BOOKS**

- a) Log book provided ..... Y
- b) Format of log book ..... book
- c) Log book(s) kept onsite in an area protected from weather ..... Y
- d) Log book contains the following:
  - i) Identification of treatment works ..... Y
  - ii) Date/time of arrival/departure for Operator of Record and any other operators required by OAC 3745-7 ..... Y
  - iii) Daily record of operation and maintenance activities (including preventative maintenance, repairs and request for repairs)..... Y
  - iv) Laboratory results (unless documented on bench sheets)..... bench
  - v) Identification of person making log entries ..... Y
- e) Has the Operator of Record submitted written notification to the permittee, Ohio EPA and any applicable local environmental agencies when a collection system overflow, treatment plant bypass or effluent limit violation has occurred? ... Y

Comments:

**SECTION H: COLLECTION SYSTEM**

- a) Percent combined system: ..... 0%
- b) Any collection system overflows since last inspection ..... N  
     CSO     SSO
- c) Regulatory agency notified of overflows ..... NA
- d) CSO O&M plan provided and implemented ..... NA
- e) CSOs monitored and reported in accordance with permit..... NA
- f) Portable pumps are used to relieve system ..... N
- g) Lift station alarms provided and maintained ..... Y\*
- h) Lift stations equipped with permanent standby power or equivalent..... Y^
- i) Is there an inflow/infiltration problem (separate sewer system), or were there any major repairs to collection system since last inspection. .... Y#
- j) Any complaints received since last inspection of basement flooding.....
- k) Are any portions of the sewer system at or near capacity.....
- l) Are operations changed during high-flow events? .....

Comments: \*Auto dialer, testing done regularly. ^Two lift stations do not have permanent standby power. Two portable generators are used to power these stations if needed. #Sewers are annually inspected and cleaned on a rotating basis by vacuum truck or jetting. Lift stations are also cleaned annually. It is recommended that the Village explore additional ways to reduce I&I since storm events cause flows to exceed design parameters for the WWTP. The Village might consider using the information from the 2009 collection system survey as a starting point.

**SECTION I: SLUDGE MANAGEMENT**

- a) Sludge adequately disposed ..... Y  
Method: *land application, landfill (only when necessary)*
- b) If sludge is incinerated, where is ash disposed of..... NA
- c) Is sludge disposal contracted..... Y\*  
Name: *\*Village sometimes uses Carl Wheeler's Disposal*
- d) Has amount of sludge generated changed significantly..... N
- e) Adequate sludge storage provided at plant..... Y
- f) Records kept in accordance with State and Federal law ..... Y^
- g) Any complaints received last year regarding sludge..... N
- h) Is sludge adequately processed (digestion, pathogen control) ..... Y

Comments: *^The Village shall e-mail Paul Vandermeer by November 30, 2012 with the last 2 manifests for land application or disposal of sludge.*

**SECTION J: SELF-MONITORING PROGRAM**

- a) Primary flow measuring device operated and maintained..... Y  
Type of device: *Ultrasonic* Device location: *Effluent flume*
- b) Calibration frequency adequate ..... Y  
Date of last calibration: *6/14/12*
- c) Secondary instruments operated and maintained..... NA
- d) Flow measurements equipment adequate to handle full range of flows.... Y
- e) Actual flow discharged is measured..... Y
- f) Flow measuring equipment inspection frequency ..... Daily
- g) Sampling location(s) are as specified by permit..... Y
- h) Parameters and sampling frequency agree with permit..... Y
- i) 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: *Influent and effluent composite samplers must include an NIST calibrated thermometer immersed in water and placed within the cooling chamber to verify sample temperatures. The Village shall provide verification of the installation of these thermometers to Paul Vandermeer by November 30, 2012.*

**SECTION K: Laboratory**

- a) EPA applicable analytical testing procedures used (40 CFR 136.3) ..... Y
- b) If alternate procedures are used, are they properly approved? ..... NA
- c) Analysis performed more frequency ..... Y  
If yes, are results recorded in permittee's report? ..... Y
- d) Commercial laboratory used:  
Name: *MASI (chemistry), Alloway (biomonitoring)*  
Parameters analyzed: *All except D.O., pH, and temperature*

- e) Quality assurance manual provided and maintained ..... NA
- f) Calibration and maintenance of instruments is satisfactory? ..... Y

Comments:

**SECTION L: EFFLUENT/RECEIVING WATER OBSERVATIONS**

Outfall Number	Outfall sign in place	Oil Sheen	Grease	Turbidity	Foam	Solids	Color	Other
001	Yes	None	None	None	None	None	Clear	

Comments:

**SECTION M: MULTIMEDIA OBSERVATIONS**

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

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: