



Environmental
Protection Agency

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

June 8, 2012

Steve Stilwell, Village Manager
Granville WTP
P.O. Box 514
141 E. Broadway
Granville, OH 43023

**Re: Granville WTP
NPDES Permit 4GW00001/ OHGW00004
Compliance Evaluation Inspection
Licking County**

Dear Mr. Stilwell:

On June 5, 2012, a Compliance Evaluation Inspection was conducted at the Granville WTP. Present for the inspection were Larry Fruth, Granville Water Treatment Plant Supervisor, 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

c: Larry Fruth, WTP Supervisor

ec: Paul Vandermeer

PLV/nsm Granville

NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING

Permit #	NPDES #	Inspection Type	Inspector	Facility Type
4GW00001	OHGW00004	CEI	S	2
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
6/5/2012	9:50 AM	10:30 AM	No	No

SECTION B: FACILITY DATA

Name and Location of Facility Inspected	Permit Effective Date
Granville WTP 445 Palmer Lane Granville, OH 43023	3/1/2012
	Permit Expiration Date
	12/31/2016
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
Larry Fruth, Water Treatment Plant Supervisor	(740) 587-0165
Name and Title of Responsible Official	Phone Number
Steve Stilwell, Village Manager	(740) 587-0707

SECTION C: AREAS EVALUATED DURING INSPECTION

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

S	NPDES Compliance	Milky discharges have ceased since settling tanks were cleaned out.
S	Operations & Maintenance	
S	Facility Site Review	Lime sludge piles have been removed from site.
N	Collection System	
M	Flow Measurement	Facility shall verify estimated flows annually.
S	Receiving Waters	
S	Laboratory	MA SI laboratory performs all analyses except pH.

Comments:

Signatures

	6/6/12		6/6/12
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 WTP between 1/1/2011 to 6/1/2012

Summary

Permit Effluent Limit Violations: 0

Permit Effluent Code Violations: 0

Permit Effluent Frequency Violations: 0

Compliance Schedule Violations: 0

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: **Facility has had trouble with lime sludge settling capacity and has periodically discharged milky white effluent from the outfall. The operator now seems to have this under control.*

SECTION F: OPERATION AND MAINTENANCE

- (a) Standby power available NA
If yes, what type?
- (b) Adequate alarm system available for power or equipment failures N
- (c) All treatment units in service other than backup units Y
- (d) Wastewater Treatment Works classification NA
- (e) Operator of Record holds unexpired license of class required by Permit.. NA
Class held:
- (f) Copy of certificate of Operator of Record displayed on-site NA
- (g) Minimum operator staffing requirements fulfilled..... NA
- (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..... NA
- (k) Any plant bypasses since last inspection..... NA
- (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 NA

Comments:

SECTION G: RECORD KEEPING

- a) Log book provided
- b) Format of log book (i.e. computer log, hard bound book)
- c) Log book(s) kept onsite in an area protected from weather
- d) Log book contains the following:
 - i) Identification of treatment works
 - ii) Date/times of arrival/departure for Operator of Record and any other operator required by OAC 3745-7
 - iii) Daily record of operation and maintenance activities (including preventative maintenance, repairs and request for repairs)
 - iv) Laboratory results (unless documented on bench sheets)
 - v) Identification of person making log entries
- 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? ...

Comments: *Not applicable*

SECTION H: COLLECTION SYSTEM

- a) Percent combined system:
- b) Any collection system overflows since last inspection
- CSO SSO
- c) Regulatory agency notified of overflows
- d) CSO O&M plan provided and implemented
- e) CSOs monitored and reported in accordance with permit
- f) Portable pumps are used to relieve system
- g) Lift station alarms provided and maintained
- h) Lift stations equipped with permanent standby power or equivalent
- i) Is there an inflow/infiltration problem (separate sewer system), or were there any major repairs to collection system since last inspection
- 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: *Not applicable*

SECTION I: LIME SLUDGE MANAGEMENT

- a) Sludge adequately disposed Y
Method: *Land application of lime sludge*
- b) If sludge is incinerated, where is ash disposed of NA
- c) Is sludge disposal contracted Y
Name: *Burch Hydro, Inc.*
- d) Has amount of sludge generated changed significantly N
- e) Adequate sludge storage provided at plant N*
- f) Records kept in accordance with State and Federal law Y
- g) Any complaints received last year regarding sludge Y*
- h) Is sludge adequately processed (digestion, pathogen control) NA

Comments: **The settling basins are not large enough to accommodate needed storage of lime sludge. Excess lime sludge had been stored on Village property within the floodplain of Raccoon Creek. These sludge piles were recently removed after the Ohio EPA had issued a notice of violation and the Village has promised not to stockpile lime sludge on the stream banks. The Village is exploring constructing additional storage capacity and will be providing a plan very soon.*

SECTION J: SELF-MONITORING PROGRAM

- a) Primary flow measuring device operated and maintained N*
Type of device: Device location:
- b) Calibration frequency adequate N*
Date of last calibration:
- c) Secondary instruments operated and maintained NA
- d) Flow measurements equipment adequate to handle full range of flows N*
- e) Actual flow discharged is measured N*
- 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: **Flow is estimated by depth in outfall pipe as per the experience of the WTP supervisor. The Village shall confirm flow estimates on an annual basis by conducting a quantitative measurement of flow from the outfall using calibrated equipment such as a volumetric container and a stopwatch.*

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 frequently N
 If yes, are results recorded in permittee's report? NA
- d) Commercial laboratory used:
 Name: *MASI Laboratory*
 Parameters analyzed: *TSS, organic parameters (as needed)*
- e) Quality assurance manual provided and maintained Y*
- f) Calibration and maintenance of instruments is satisfactory? Y*

Comments: **pH meter only.*

SECTION L: EFFLUENT/RECEIVING WATER OBSERVATIONS

Outfall Number	Outfall sign in place	Oil Sheen	Grease	Turbidity	Foam	Solids	Color	Other
005*	NA	None	None	None	None	None	Clear	

Comments: **General permit outfall 005 (lime softening process discharge high flow stream).*

SECTION M: 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 Y*
- 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? *Lime sludge.**
- 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: **See comments in Section I above.*