



Mike R. DeWine, Governor
Mary Taylor, Lt. Governor
Ron K. Walker, Director

September 4, 2013

Mr. Gary Burkholder, Village Administrator
Hartford WWTP
Box 253
Croton, OH 43013

**Re: Hartford WWTP
NPDES Permit 4PA00105/ OH0131059
Compliance Evaluation Inspection
Licking County**

Dear Mr. Burkholder:

On August 14, 2013, a Compliance Evaluation Inspection was conducted at the Hartford WWTP. Present for the inspection were Greg Retherford, Mayor and Eric Britenstein, Contract Operator representing the Village of Hartford 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 see the items noted 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.state.oh.us.

Sincerely,

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

c: Eric Britenstein, Contract Operator

ec: Paul L. Vandermeer

PV/sw Hartford_2013

NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING

Permit #	NPDES #	Inspection Type	Inspector	Facility Type
4PA00105	OH0131059	CEI	S	1
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
8/14/2013	7:55 am	9:15 am	No	No

SECTION B: FACILITY DATA

Name and Location of Facility Inspected	Permit Effective Date
Hartford WWTP Hartford Fairgrounds Croton, OH	11/1/2009
	Permit Expiration Date
	10/31/2014
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
Eric Britenstein, Contract Operator	(614) 207-9030
Name and Title of Responsible Official	Phone Number
Gary Burkholder, Village Administrator	(419) 560-1870

SECTION C: AREAS EVALUATED DURING INSPECTION

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

S	NPDES Compliance	
S	Operations & Maintenance	Primary EQ tank grating needs replacement. UV channel/weir needs cleaning.
S	Facility Site Review	
S	Collection System	Some grease noted in pump stations.
S	Flow Measurement	Calibration due again in September, 2013
S	Receiving Waters	
S	Laboratory	

Comments:

Signatures

	8/15/13		8/15/13
Paul L. Vandermeer, Inspector Compliance & Enforcement Division of Surface Water Central District Office	Date	Erin Sherer, Reviewer Compliance & Enforcement Supervisor Division of Surface Water Central District Office	Date

Compliance Data for Hartford WWTP between 8/1/2012 to 8/1/2013

Summary

Permit Effluent Limit Violations: 0
 Permit Effluent Code Violations: 0
 Permit Effluent Frequency Violations: 1
 Compliance Schedule Milestones Not Entered: 0

Frequency Violations						
Parameter	Code	Parameter	Frequency	Violations	Frequency	Violations
December 2012	00	Sludge Bed Weight	1/Yr	1	0	12/1/2012

Flow Data for Hartford WWTP between 8/1/2012 and 8/1/2013

	Date	Flows (MGD)
Ten Highest Flows	1/12/2013	0.077
	1/13/2013	0.071
	1/15/2013	0.071
	4/29/2013	0.067
	1/14/2013	0.062
	1/22/2013	0.059
	4/26/2013	0.059
	4/25/2013	0.058
	3/19/2013	0.058
	5/30/2013	0.055
Average Flow Rate		0.028

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 N*
- (b) Permittee is taking actions to resolve violations NA
- (c) Permittee has a compliance schedule N
- (d) Permittee is meeting compliance schedule NA

Comments: *Operator will check on frequency violation for sludge fee weight in December, 2012 eDMR and correct if possible. Please inform Paul Vandermeer of the outcome of this investigation by September 30, 2013.

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 Y
- (d) Wastewater Treatment Works classification I
- (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 N*
- (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 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 Y^

Comments: *Contract operator shall post a copy of his wastewater operator certificate in the office. ^Two unusual rain events produced hydraulic overload in July and the Hartford Fair generally overloads the plant with ammonia in August. Neither of these events seemed to cause violations, although sampling results are still outstanding for some tests.

SECTION G: RECORD KEEPING

- 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/times of arrival/departure for Operator of Record and any other operator 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)..... NA
- 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 Y*
 CSO SSO
- c) Regulatory agency notified of overflows N*
- 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..... N
- 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 N
- k) Are any portions of the sewer system at or near capacity..... N
- l) Are operations changed during high-flow events? N

Comments: **A single pump station overflowed and deposited less than 10 gallons of sewage on the ground. The sewage did not reach the stream. In the future, such events should be reported to the inspector even if the material does not reach waters of the state. M&I is problematic and the village is beginning to study the problem.*

SECTION I: SLUDGE MANAGEMENT

- a) Sludge adequately disposed..... Y
 Method: *Liquid hauled to City of Sunbury*
- b) If sludge is incinerated, where is ash disposed of..... NA
- c) Is sludge disposal contracted..... Y
 Name: *Bob's Septic, City of Sunbury*
- 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:

SECTION J: SELF-MONITORING PROGRAM

- a) Primary flow measuring device operated and maintained..... Y
Type of device: *Ultrasonic* Device location: *Outfall channel*
- b) Calibration frequency adequate Y
Date of last calibration: *09/2012*
- 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)..... N*

Comments: **Computer files will be transferred from operator's computer to the Village of Hartford computer.*

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 N
If yes, are results recorded in permittee's report? NA
- d) Commercial laboratory used:
Name: *Advanced Analytical*
Parameters analyzed: *All except pH, dissolved oxygen, temperature*
- e) Quality assurance manual provided and maintained Y
- f) Calibration and maintenance of instruments is satisfactory? N*

Comments: **The dissolved oxygen probe had a wrinkled membrane and a noticeable bubble under the membrane. The probe should be inspected prior to each use. If a bubble is present or if the membrane is somehow compromised, then the operator should change out the membrane and fluid in accordance with the manufacturer's instructions. The pH probe should be replaced periodically in accordance with the manufacturer's instructions. The pH probe in use looked very old.*

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	NA

Comments: