



State of Ohio Environmental Protection Agency

**Northwest District Office**

347 North Dunbridge Rd.  
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468  
www.epa.ohio.gov

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

Re: Crawford County  
City of Galion WWTP  
Pretreatment  
NPDES Permit

June 30, 2010

Mr. Gene Toy, City Manager  
City of Galion  
301 Harding Way East  
Galion, Ohio 44833

Dear Mr. Toy:

This letter is to document the pretreatment compliance inspection (PCI) of the City of Galion's approved pretreatment program that was conducted on December 22, 2009, and the NPDES permit compliance inspection of the City of Galion Waste Water Treatment Plant that was conducted on June 3, 2010.

**Pretreatment Compliance Inspection**

The PCI followed a checklist designed to evaluate the major areas of the city's program and a file review. Mr. Tim Parks provided information regarding the implementation of the City's pretreatment program. Our inspection findings and recommendations are summarized below.

The WWTP accepts leachate from the Crawford County landfill. This hauled waste is monitored under the landfill's permit.

All inspections and sampling requirements are being carried out. Mr. Parks' implementation of Galion's approved pretreatment program remains satisfactory.

The file for Galion, Inc. was reviewed. The file was well maintained with all necessary contents in order. All pretreatment standards are defined and applied appropriately.

In summary, it appears that the City is maintaining an adequate pretreatment program. A copy of our completed inspection form is enclosed for your review.

**NPDES Permit Compliance Inspection**

The NPDES permit compliance inspection included a tour of the facility and the completion of the inspection form.

Mr. Gene Toy, City Manager  
June 30, 2010  
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Mr. Gary Erwin and Mr. Mike Ricker provided information. Our inspection findings and recommendations are summarized below.

At the time of the inspection all units, except one of the secondary clarifiers, were in operation. The secondary clarifier had been taken offline for its annual cleaning. There was some scum observed on the primary clarifiers. The mixed liquor in the aeration tanks had a healthy brown color and the plant was discharging a clear final effluent.

We are in receipt of your discharge monitoring reports covering the months of February 2010, through May 2010, for the referenced facility. Our review indicates a violation of the conditions of your NPDES permit. The specific instance of noncompliance is below.

Violation Date	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value
5/1/2010	001	00530	Total Suspended Solids	30D Conc	12	13.375

During the inspection, the plant appeared to be operating satisfactorily. Our completed inspection report is enclosed for your records. If you have any questions, please call Michelle Sharp at (419) 373-3019.

Sincerely,



Elizabeth A. Wick, P.E.  
Water Quality Engineer/Unit Supervisor  
Division of Surface Water

/llr

pc: Mr. Gary Erwin, Operator of Record, Galion WWTP w/ enclosure  
Ryan Laake, CO, DSW, w/enclosure  
DSW-NWDO File w/ enclosure ]

Permit #: OH0025313  
 NPDES #: 2PD00030



State of Ohio Environmental Protection Agency  
 Northwest District Office

NPDES Compliance Inspection Report

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
OH0025313	2PD00030	06/03/2010	C	Sharp	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
City of Galion WWTP 6374 Hosford Rd. Galion, Ohio 44833	9:00 AM	8/1/2006
	Exit Time	Permit Expiration Date
	11:00 AM	1/31/2011
Name(s) and Title(s) of On-Site Representatives		Phone Number(s)
Mr. Tim Parks, Superintendent		419-468-5010
Name, Address and Title of Responsible Official		Phone Number
Gene Toy, City Manager City of Galion 301 Harding Way East Galion, Ohio 44833		419-468-1680

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

Section D: Summary of Findings (Attach additional sheets if necessary)	

Inspector	Reviewer
<i>Michelle M Sharp</i> Michelle M. Sharp Division of Surface Water Northwest District Office	<i>Elizabeth A Wick</i> Elizabeth A. Wick, P.E. Water Quality Engineer Division of Surface Water Northwest District Office
6-29-10 Date	6/25/10 Date

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

Comments/Status:

(f) The sludge handling process is being upgraded from NVIRO to a dryer. This project has been completed.

**Section F: Compliance Schedules/Violations**

- (a) Any significant violations since the last inspection..... N
- (b) Permittee is taking actions to resolve violations..... N/A
- (c) Permittee has a compliance schedule..... Y
- (d) Compliance schedule contained in
- (e) Permittee is meeting compliance schedule..... Y

Comments/Status:

**Section G: Operation & Maintenance**

**Treatment Works:**

Treatment facility properly operated and maintained

- (a) Standby power available.....generator  or dual feed ..... Y
- (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 (OAC 3745-7)..... III
- (e) Operator of Record holds unexpired license of class required by permit..... Y  
 Class: III
- (f) Copy of certificate of Operator of Record displayed on-site..... Y
- (g) Minimum operator staffing requirements fulfilled (OAC 3745-7)... N/A
- (h) Routine and preventative maintenance scheduled/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..... Y
- (l) Regulatory agency notified of bypasses..... Y  
 On MORs  and/or Spill Hotline (1-800-282-9378)
- (m) Any hydraulic and/or organic overloads since last inspection..... Y

**Record Keeping:**

- (a) Log book provided..... Y
- (b) Format of log book (i.e. computer log, hard bound book)  

3 ring binder/computer log/bench sheets
- (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)... Y
  - V. Identification of person making log entries..... Y
- (d) Has the operator of record submitted written notification 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..... Y

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

**Collection System:**

- (a) Percent combined system: 0%
- (b) Any collection system overflows since last inspection..... Y  
(CSO  and/or SSO )
- (c) Regulatory agency notified of overflows (SSOs)..... Y
- (d) CSO O&M plan provided and implemented..... N/A
- (e) CSOs monitored and reported in accordance with permit..... N/A
- (f) Portable pumps used to relieve system..... N
- (g) Lift station alarms provided and maintained..... Y
- (h) Are 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 Y
- (k) Are any portions of the sewer system at or near capacity..... N

**Comments/Status:**

Treatment Works  
(c) One of the secondary clarifiers was out of service for cleaning.

Collection System  
(b) Overflow from County Line lift station due to an electrical problem.  
(h) Two lift stations are, but 4 are not.  
(j) A couple due to heavy rain events.

**Section H: Sludge Management**

- (a) Sludge management plan (SMP)  
Submitted date:                      Approval #:                      Not submitted     N/A
- (b) Sludge management plan current..... Y  
(c) Sludge adequately disposed..... Y  
    (Method: landfill)  
(d) If sludge is incinerated, where is ash disposed of  
(e) Is sludge disposal contracted..... N  
    (Name:            )  
(f) Has amount of sludge generated changed significantly since  
    last inspection..... N  
(g) Adequate sludge storage provided at plant..... Y  
(h) Land application sites monitored and inspected per SMP..... Y  
(i) Records kept in accordance with State and Federal law..... Y  
(j) Any complaints received in last year regarding sludge..... N  
(k) Is sludge adequately processed (digestion, pathogen control)..... Y

**Comments/Status:**

(c) Stockpile is about 85% gone

**Section I: Self-Monitoring Program**

**Flow Measurement:**

- (a) Primary flow measuring device operated and maintained..... Y  
Type of device: Ultrasonic & Parshall flume     Ultrasonic & Weir     Weir   
Calculated from influent             Other  (Specify:            )
- (b) Calibration frequency adequate ..... Y  
    (Date of last calibration: 6/1/2008)  
(c) Secondary instruments operated and maintained..... Y  
(d) Flow measurement equipment adequate to handle full range  
    of flows..... Y  
(e) Actual flow discharged is measured..... Y  
(f) Flow measuring equipment inspection frequency  
     Daily     Weekly     monthly     other

**Comments/Status:**

**Section I: Self-Monitoring Program (cont)**

**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
- (d) Sample collection procedures are adequate..... Y
  - (i) Samples refrigerated during compositing..... Y
  - (ii) Proper preservation techniques used..... Y
  - (iii) Containers and sample holding times prior to analysis conform with 40 CFR 136.3..... Y
- (e) 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
- (f) Adequate records maintained of sampling date, time, location, etc.. Y

**Laboratory:**

*General*

- (a) EPA approved analytical testing procedures used (40 CFR 136.3).. Y
- (b) If alternate analytical procedures are used, proper approval has been obtained..... N/A
- (c) Analyses being performed more frequently than required by permit. Y
- (d) If (c) is yes, are results in permittee's self-monitoring report..... Y
- (e) Commercial laboratory used..... Y  
Parameters analyzed by commercial lab: Upstream, Downstream, Metals, and Mercury / Sludge

Lab name: Alloway / Ginosko

*Quality Control/Quality Assurance*

- (f) Quality assurance manual provided and maintained..... Y
- (g) Satisfactory calibration and maintenance of instruments/equipment. Y
- (h) Adequate records maintained..... Y
- (i) Results of latest USEPA quality assurance performance sampling program:  Satisfactory  Marginal  Unsatisfactory

Date: 2010

**Comments/Status:**

Plant tests pH, chlorine, ammonia, CBOD, and fecal coliform.

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

Outfall Number	Oil sheen	Grease	Turbidity	Visible Foam	Visible Floating Solids	Color	Other
001	None	None	None	None	None	Clear	

**Comments/Status:**

**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:**

F. GUIDE - VISUAL OBSERVATION - UNIT PROCESS

Form Approved

OMB No. 158-R0035

RATING CODES: S = Satisfactory; U = Unsatisfactory; M = Marginal; IN = In Operation; OUT = Out of Operation

CONDITION OR APPEARANCE		RATING	COMMENTS
General	Grounds	S	
	Buildings	S	
	Potable Water Supply Protection	S	
	Safety Features	S	
	Bypasses	OUT	
	Stormwater Overflows		
	Alternate Power Source	OUT	Generator not running
Preliminary	Maintenance of Collection Systems	S	
	Pump Station	IN	Influent pumps, 2 screw pumps following screening building
	Ventilation	S	
	Bar Screen	IN	2 Mechanical Units
	Disposal of Screenings	S	Landfill
	Comminutor		
	Grit Chamber	IN	Aerated
	Disposal of Grit	S	Landfill
	Preaeration tank	IN	2 Units
Primary	Settling Tanks	IN	
	Scum Removal	IN	
	Sludge Removal	IN	
	Effluent	S	
Sludge Disposal	Digesters	IN	2 anaerobic units
	Temperature and pH	S	
	Gas Production	S	
	Heating Equipment	IN	
	Sludge Pumps	IN	2 WAS, 3 RAS, 2 Raw pumps
	Disposal of Sludge	M	Centrifuge, Landfill
	Sludge Holding Tank	IN	Old aeration tanks used for sludge holding
	Sludge Thickener	IN	1 Unit
	Centrifuge	IN	2 units
Dryer	OUT	1 Unit	
Other	Flow Meter and Recorder	IN	
	Records	S	
	Lab Controls	S	
	Chemical Treatment		
Secondary-Tertiary List items as	Aeration Tanks	IN	4 Tanks
	Blowers	IN	3 units
	Secondary Clarifiers	IN/OUT	1 unit in/1 unit out
	Lagoons	IN	Two lagoons, one for polishing, the other for flow EQ
Disinfection	Effluent	S	
	Disinfection System	IN	Gas chlorine feed
	Effective Dosage	S	
	Contact Time	S	
	Contact Tank	IN	
	Dechlorination	IN	Sodium bisulfite feed