



**Environmental
Protection Agency**

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



1PB0000120090630

CLERMONT BATAVIA WWTP

WARE, RONALD

2009/06/30



State of Ohio Environmental Protection Agency

Southwest District Office

401 E. Fifth St.
Dayton, Ohio 45402

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

June 30, 2009

Rebecca Groppe, Village Administrator
Village of Batavia
389 East Main Street
Batavia, Ohio 45103

**Re: Batavia WWTP, NPDES Permit No. 1PB00001*GD / OH0024023
Compliance Evaluation Inspection**

Dear Ms. Groppe:

On Monday, June 29, 2009, Mr. Ron Ware of this office conducted a Compliance Evaluation Inspection at the above referenced facility. The Village was represented by Eric Myers, Joe Hitt, and Joshua Barger. The purpose of the inspection was to evaluate several aspects of plant operation and performance. A copy of the inspection report is enclosed. As indicated in the report, all areas evaluated during the inspection were rated as satisfactory. No response or corrective action is required at this time.

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

Sincerely,

Martyn Burt
Compliance and Enforcement Supervisor

CC: Eric Myers, Village of Batavia

MB/RW/plh





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
1PB00001*GD	OH0024023	6/29/ 2008 2009	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Batavia WWTP 201 Haskell Lane Batavia, Ohio, Clermont County	10:08 AM	9/1/2008
	Exit Time	Permit Expiration Date
	10:55 AM	8/31/2013
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Eric Myers, Water & Wastewater Superintendent Joe Hitt, Plant Operator Joshua Barger, Plant Operator	(513) 732 - 2020	
Name, Address and Title of Responsible Official	Phone Number	
Rebecca Groppe, Village Administrator Village of Batavia 389 East Main Street Batavia, Ohio 45103	(513) 732 - 2020	

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

Section D: Summary of Findings (Attach additional sheets if necessary)	
Refer to attached report and cover letter.	
Inspector	Reviewer
Ron Ware Date: 6/30/09	Martyn Burt Date: 7/1/09
Ron Ware Division of Surface Water Southwest District Office	Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office

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..... N
- (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:

(i) There are two outlets at the disinfection/post aeration tank (an eight inch outfall sewer and a twelve inch outfall sewer). The twelve inch outfall sewer is utilized during high flow events (0.5 MGD or higher).

Section F: Compliance Schedules/Violations

- (a) Any effluent violations over the past year Y
- (b) Permittee is taking actions to resolve violations..... Y
- (c) Permittee has a compliance schedule..... N
- (d) Compliance schedule contained in
- (e) Permittee is meeting compliance schedule..... N/A

Comments/Status:

There were 7 day loading violations for TSS in February and April 2009 due to high flows.

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..... Y
- (d) Wastewater Treatment Works classification (OAC 3745-7)..... I
- (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..... N
- (g) Minimum operator staffing requirements fulfilled (OAC 3745-7)... Y
- (h) Routine and preventative maintenance schedule/performed on time..... Y
- (i) Any major equipment breakdown since last inspection..... Y
- (j) Operation and maintenance manual provided and maintained..... Y
- (k) Any plant bypasses since last inspection..... N
- (l) Regulatory agency notified of bypasses..... N/A
 On MORs and/or Spill Hotline (1-800-282-9378)
- (m) Any hydraulic and/or organic overloads since last inspection..... N

Record Keeping:

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

Hard bound 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)..... N
 - IV. Laboratory results (unless documented on bench sheets)... N
 - V. Identification of person making log entries..... Y
- (e) 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

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..... Y
- (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:

- (a) & (b) The plant generator is automatically tested for 30 minutes every Wednesday. An alarm system (that notifies the power contractor) is in place in case of problems.
- (f) A copy of the Operator of Record's certification certificate is kept at the Village water plant office.
- (i) Due to their design, the sludge return pumps typically need to be rebuilt or replaced every 6 to 12 months.

Collection System:

- (f) Allied Pump provides portable pumps on an as needed basis.
- (h) The Wood Street pump station is the only pump station that has with a backup power arrangement.
- (j) Root intrusion into service laterals was found to be the cause of these incidents.

Record Keeping:

- (d), III & IV: Operation & Maintenance records are kept in separate logs. There is no laboratory at the treatment plant.

Section H: Sludge Management

- (a) Sludge management plan (SMP)
Submitted date: Approval #: Not submitted N/A
- (b) Sludge management plan current..... N/A
(c) Sludge adequately disposed..... Y
(Method: Rumpke landfill in Georgetown, Ohio)
(d) If sludge is incinerated, where is ash disposed of N/A
(e) Is sludge disposal contracted..... Y
(Name: Rumpke)
(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..... N/A
(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)..... N/A

Comments/Status:

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 ()
- (b) Calibration frequency adequate Y
- (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:

The primary flow measurement device (an ultrasonic level sensor & 90 degree weir) is located near the outlet of the disinfection & post aeration tank.

(c) The Wood Street pump station has a flow meter (a magmeter).

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
- (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).. N/A
 - (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 other labs:
 Ammonia nitrogen, CBOD₅, fecal coliform, oil & grease, total phosphorus, total suspended solids (Clermont County)
- Metals, effluent and sludge (Test America)

Quality Control/Quality Assurance

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

Comments/Status:

Laboratory:

(a), (f), and (g): There is no laboratory at the treatment plant.

(c) & (d): Comparison analyses of ammonia nitrogen, CBOD₅, and TSS in the treatment plant influent and effluent are conducted monthly. Both the effluent results and the influent results are reported.

Section J: Effluent/Receiving Water Observations

Outfall Number	Outfall sign in place?	Oil sheen	Grease	Turbidity	Foam	Solids	Color
1PB00001001	Yes	None	None	None	slight	None	None

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:



11/11/11