



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

Re: **Notice of Violation**  
Putnam County  
Ottoville WWTP  
NPDES Permit

June 6, 2013

Mr. Steve Wittler  
Utilities Department  
P.O. Box 488  
Ottoville, Ohio 45876

Dear Mr. Wittler:

On May 30, 2013, a compliance evaluation inspection was conducted at the Village of Ottoville wastewater treatment plant (WWTP). You were present and provided information concerning the operation and maintenance of the facilities. At the time of inspection, all treatment units were in operation and the discharge from the WWTP to an unnamed tributary of the Little Auglaize River was clear with no noticeable odor.

A review of the Discharge Monitoring Reports (DMRs) for October 2012 to May 2013 shows that there have been several National Pollutant Discharge Elimination System (NPDES) permit effluent limit violations. The specific instances of non-compliance are enclosed on a separate sheet. You submitted an email on May 8, 2013, regarding the violations. The email stated that the total suspended solids violations were due to excessive rainfall in the month of April. It was also stated that the I/I study is progressing with flow monitoring.

Our completed inspection report is enclosed. If there are any questions, please contact me at (419) 373 – 3053.

Sincerely, -

A handwritten signature in black ink, appearing to read 'Ryan Gierhart', written over a horizontal line.

Ryan Gierhart  
Division of Surface Water

/jlm

Enclosures

pc: Mayor and Council, Village of Ottoville

ec: Tracking

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PA00002*JD	March 2013	001	50092	Mercury, Total (Low Le	30D Conc	19.6	20.8	3/1/2013
2PA00002*JD	April 2013	001	00530	Total Suspended Solids	30D Conc	12.0	12.5714	4/1/2013
2PA00002*JD	April 2013	001	00530	Total Suspended Solids	30D Qty	15.42	17.6202	4/1/2013
2PA00002*JD	April 2013	001	00530	Total Suspended Solids	7D Conc	18.0	19.5	4/22/2013
2PA00002*JD	April 2013	001	00530	Total Suspended Solids	7D Qty	23.13	29.3072	4/22/2013



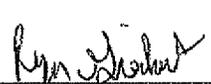
State of Ohio Environmental Protection Agency  
Northwest District Office

NPDES Compliance Inspection Report

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
2PA00002	OH0021709	5/30/2013	C	S	1

Section B: Facility Data		
<b>Name and Location of Facility Inspected</b> Ottoville WWTP 200 Utility Drive, Ottoville, Ohio P.O. Box 488	<b>Entry Time</b> 1:00 pm	<b>Permit Effective Date</b> 12/1/2011
	<b>Exit Time</b> 3:30 pm	<b>Permit Expiration Date</b> 11/30/2016
<b>Name(s) and Title(s) of On-Site Representatives</b>		<b>Phone Number(s)</b>
Steve Wittler, Utilities Director		419-453-3147
<b>Name, Address and Title of Responsible Official</b>		<b>Phone Number</b>
Village of Ottoville 150 Park Drive Ottoville OH 45876		419-453-3147

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	N	Self-Monitoring Program
S	Facility Site Review	M	Sludge Storage/Disposal	N	Other
S	Collection System				

Section D: Summary of Findings (Attach additional sheets if necessary)	
<p>CBOD sampling method was reviewed.</p> <p>The facility has experienced several EQ basin bypasses due to excessive flow through the plant</p> <p>Sludge is being hauled out to the Haviland Anaerobic digester.</p> <p>Final effluent was clear with no noticeable odor.</p>	
<b>Inspector</b>	<b>Reviewer</b>
 Ryan Gierhart Environmental Specialist II Division of Surface Water Northwest District Office	 Thomas Poffenbarger, P.E. Water Quality Engineer II/Unit Supervisor Division of Surface Water Northwest District Office
Date 6-5-13	Date 6/5/13

Permit # : 2PD00116  
NPDES #: OH0023400

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) Flows and loadings conform with NPDES permit..... Y
- (c) Treatment processes are as described in permit application... Y
- (d) All discharges are permitted..... Y
- (e) Number and location of discharge points are as described  
in permit..... Y
- (f) Storm water discharges properly permitted..... N/A

Comments/Status:

**Section F: Compliance**

- (a) Any significant violations since the last inspection..... N
- (b) Appropriate Non-compliance notification of violations..... Y
- (c) Permittee is taking actions to resolve violations..... Y
- (d) Permittee has a compliance schedule..... Y
- (e) Compliance schedule contained in...**NPDES permit**
- (f) Permittee is in compliance with schedule..... N/A
- (g) Has biomonitoring shown toxicity in discharge since last inspection N/A

**Section G: Operation & Maintenance**

**Treatment Works:**

Treatment facility properly operated and maintained

- (a) Standby power available.....generator  or dual feed ..... Y
  - i. What does the back-up power source operate.....

Generator can run the entire plant.

- ii. How often is the generator tested under load.....

The generator is tested weekly to ensure that it runs. It is tested monthly under load.

(b) Which components have an alarm system available for power or equipment failures.....

All major treatment components have alarms tied into the control panel with alarm lights. Main lift station has autodialer.

- (c) All treatment units in service other than backup units..... Y
- (d) What method is used for scheduling routine & preventative maintenance (calendar, software, etc) **Clipboards by equipment**
- (e) Any major equipment breakdown since last inspection..... N
- (f) Operation and maintenance manual provided and maintained..... Y
- (g) Any plant bypasses since last inspection..... Y
- (h) Any plant upsets since last inspection..... N

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

**Record Keeping/Operator of Record:**

- (a) Wastewater Treatment Works classification (OAC 3745-7)..... II
- (b) Operator of Record holds unexpired license of class required by Permit..... Y
- (c) Copy of certificate of Operator of Record displayed on-site..... Y
- (d) Has the Operator of Record submitted an ORC Notification form.. Y
- (e) Minimum operator staffing requirements fulfilled (OAC 3745-7.... Y
- (f) If a Staffing Reduction plan has been approved, are the stipulations of the plan being met..... N/A
- (g) Operator of Record log book provided..... Y
- (h) Format of log book (e.g. computer log, hard bound book)

Hardbound book

- (i) Log book kept onsite (in an area protected from weather)..... Y
- (j) 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 operator and maintenance activities (including preventative maintenance, repairs and request for repairs, process control test results, etc.)..... Y
  - iv. Laboratory results (unless documented on bench sheets)... N/A
  - v. Identification of person making entries..... N
- (k) Has the Operator of Record submitted written notifications 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

**Comments/Status:**

Facility is working on the study for compliance schedule. The first milestone in the schedule is due on December 1, 2014

The plant has had several eq basin overflows from excessive flow to the plant

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

**Collection System:**

- (a) Are there pump stations in the collection system..... Y
  - i. How many publicly-owned pump stations equipped with permanent standby power or equivalent.....0
  - ii. How many pump stations have telemetered alarms.....0
  - iii. How many pump stations have operable alarms.....3
  
- (b) Any chronic collection system overflows since last inspection..... N/A
- (c) Regulatory agency notified of all overflows..... N/A
- (d) CSOs in the collection system....if so, what is the LCTP status..... N/A
  
- (e) How are CSOs monitored (chalk, block, level sensor, etc.)..... N/A
- (f) Portable pumps available for collection system maintenance..... Y
- (g) RDII Program established and active..... N
- (h) Any WIB complaint received since last inspection..... N
- (i) Is there a WIB response plan..... N
- (j) Is any portion of the collection system at or near dry weather Capacity..... N

**Comments/Status:**

**Section H: Sludge Management**

- (a) Method of Sludge Disposal...  Land Application  
 Haul to Another NPDES Permittee  
 Haul to a Mixed Solid Waste Landfill

\*if one of the selected methods is land application, complete applicable charts.

Pathogen Reduction Alternative	84370 Vector Attraction Reduction Options									
	Option 1 -38% Volatile Solids Reduction	Option 2 -Anaerobic Bench Scale Analysis	Option 3 – Aerobic Bench Scale Analysis	Option 4 – Specific Oxygen Uptake Rate	Option 5 – Aerobic Time and Temperature	Option 6 – Alkali Addition	Option 7 – >75% Percent Solids without Unstabilized Solids	Option 8 - >75% Percent Solids with Unstabilized Solids	Option 9 – Land Injection	Option 10 – Immediate Incorporation
Alternative 1 - Geometric Mean of Seven Fecal Samples (84369)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternative 2 - Aerobic Digestion (46396)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternative 2 - Air Drying (46396)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternative 2 - Anaerobic Digestion (46396)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternative 2 – Composting (46396)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternative 2 - Lime Treatment (46396)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternative 3 – Approved Equivalent Process	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- (b) Has the amount of sludge changed significantly since the last inspection..... N
- (c) How much sludge storage is provided at the plant.....
- (d) Records kept in accordance with State and Federal law (5 years according to OAC 3745-40-06)..... Y
- (e) Any complaints received in last year regarding sludge..... N
- (f) 5/8" screen at headworks for facilities that land apply sludge..... N/A

- (g) Are sludge application sites inspected to verify compliance with NPDES permit..... N/A

**Comments/Status:**

Sludge is being hauled to Haviland Digester

**Section I: Self-Monitoring Program**

**Flow Measurement:**

- (a) Primary/Secondary flow measuring devices (e.g. weir with ultrasonic level sensor):  
Mag meter on influent/ eq basin flows.
- (b) Flow meter calibrated annually ..... N  
(Date of last calibration: )
- (c) 24-hour recording instruments operated and maintained..... Y
- (d) Flow measurement equipment adequate to handle full range of flows..... Y
- (e) All discharged flow is measured..... Y

**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  
(see GLC page)
- (d) 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

**Section I: Self-Monitoring Program (con't)**

**Laboratory:**

*General*

- (a) Does the Quality Assurance Manual contain written Standard Operating Procedures (SOP's) for all analysis performed onsite..... Y
- (b) Do SOP's include the following if applicable:

- Title
- Scope and Application
- Summary
- Sample Handling and Preservation
- Interferences
- Apparatus and Materials
- Reagents
- Procedure
- Calculations
- Quality Control
- Maintenance
- Corrective Action
- Reference (Parent Method)

*Note: Standard Methods 1020A establishes that "Quality assurance (QA) is the definitive program for laboratory operation that specifies the measure required to produce defensible data of known precision and accuracy. "Standard operating procedures are to be used in the laboratory in sufficient detail that a competent analyst unfamiliar with the method can conduct a reliable review and/or obtain acceptable results." SOPs should be developed for each analytical procedure.*

- (c) EPA approved analytical testing procedures used (40 CFR 136.3).. Y
- (d) If alternate analytical procedures are used, proper approval has been obtained..... N
- (e) Analyses being performed more frequently than required by permit. N
- (f) If (e) is yes, are results in permittee's self-monitoring report..... N/A
- (g) Satisfactory calibration and maintenance of instruments/equipment. Y (see score from GLC page)
- (h) Commercial laboratory used..... Y  
Parameters analyzed by commercial lab: Metals, O&G, Nitrate + Nitrite, E.

coli

Lab name: Alloway

*Discharge Monitoring Report Quality Assurance (DMRQA)*

- (a) Participation in latest USEPA quality assurance performance sampling..... N/A  
Date:
- (b) Were any parameters "Unsatisfactory"..... N/A
- (c) Reasons for "Unsatisfactory" parameters.....

**Comments/Status:**

CBOD test procedure was reviewed. Ensure that blank results are in the required range to ensure accurate test procedures. Review calculations and using the blank as a correction factor.

Flow not measured for EQ basin overflow.

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

Outfall # 2PD00016001

Permit # : 2PD00116  
NPDES # : OH0023400

Outfall Description: Outfall observed was clear, colorless with no noticeable odor

Receiving Stream: unnamed trib. to Little Auglaize River

Receiving Stream Description: Stream appeared clear with steady flow.

Algae/Weed growth observed in upstream and downstream of discharge.

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**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 begi

F. GUIDE - VISUAL OBSERVATION - UNIT PROCESS

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	
	EQ basin Bypass	OUT	
	Stormwater Overflows		
	Alternate Power Source		Generator
Preliminary	Maintenance of Collection Systems		
	Pump Station	IN	3, telemetered system for raw influent, visual for collection
	Ventilation	S	
	Bar Screen	OUT	1 back up to comminutor
	Disposal of Screenings		
	Comminutor	IN	1-muffin monster, new core installed 2011
	Grit Chamber	IN	2 chambers 1 in manually shoveled
	Disposal of Grit	S	Landfill
	Equalization Basin	IN	2 in series has a bypass overflow
Primary	Settling Tanks		
	Scum Removal		
	Sludge Removal		
	Effluent		
Sludge Disposal	Digesters	IN	2 aerated digesters/ reddish brown color
	Temperature and pH		2 blowers run with one back up.
	Gas Production		
	Heating Equipment		
	Sludge Pumps	IN	2 RAS
	Drying Beds		
	Vacuum Filter		
	Disposal of Sludge	S	Haviland Digester
	Sludge Storage	IN	Transfer sludge into larger aerobic digester
Other	Flow Meter and Recorder	IN	Mag Meter on influent/ EQ basin feed and return EQ basin flow.
	Records	S	
	Lab Controls	M	TSS reviewed. Equipment log books needed.
	Chemical Treatment		
Secondary-Tertiary List items as	Aeration Tanks	IN	2, reddish brown color 5 blowers. One is used to run geyser pump and return sludge
	Aerators	IN	2, fine air bubblers
	Final Clarifiers	IN	1, some scum/suspended solids floating return sludge/skimmer operating
Disinfection	Effluent	S	clear
	Disinfection System	IN	UV
	Effective Dosage		
	Contact Time		
	Contact Tank		
	Dechlorination		
	Post Aeration	IN	