



2PR0025420110620

ALLEN

ALLEN CO REGIONAL AIRPORT
AUTHORITY

2PR00254 2011/06/20

POFFENBARGER,
THOMAS

LIMA



Environmental
Protection Agency

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

Re: **Notice of Violation**
Allen County
Allen County Regional Airport Authority
NPDES Permit

June 20, 2011

Mr. Jon L. Neuman, President
Allen County Regional Airport Authority
P. O. Box 1401
Lima, Ohio 45802

Dear Mr. Neuman:

On June 9, 2011, a National Pollutant Discharge Elimination System (NPDES) permit compliance inspection was conducted on the wastewater treatment system serving the Allen County Regional Airport Authority site. Mr. Bill Horvath was present and provided information regarding operation and maintenance of the plant.

During our visit, the wastewater treatment plant was not in operation. The contents of the aeration tank were dark grey in color. There was no discharge from the plant. Mr. Horvath explained that the plant was operating the day before our inspection; however, electrical power was disrupted during a storm which occurred overnight. Mr. Horvath called and reported that electrical power was restored later in the day.

A review of our records indicates violations of the Schedule of Compliance in Part I, C. of your NPDES permit. The Schedule of Compliance contains a construction schedule which required detail plans for plant and sewer improvements to be submitted to this office by February 1, 2011. No plans have been received. The Schedule of Compliance also requires written status reports to be submitted to this office every 12 months beginning 12 months after the effective date of the permit (February 1, 2008). No status report was received in February 2011.

Please inform this office in writing as to the reasons for the referenced violations, as well as a description of the actions taken or proposed to prevent any further violations. Your response should include the dates, either actual or proposed, for completion of the actions.

Mr. Jon L. Neuman, President
June 20, 2011
Page 2

A copy of our completed inspection report is enclosed for your records. If you have any questions, please contact me at (419) 373-3008.

Sincerely,



Thomas Poffenbarger, P.E.
District Engineer
Division of Surface Water

/llr

Enclosure

pc: Mr. William L. Horvath, Operator w/enclosure
DSW:NWDO File w/enclosure

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION
WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2PR00254

Facility Name Allen County Regional Airport Authority Expiration Date January 31, 2013

Facility Address 700 Airport Dr, Lima, OH 45807 Date 6/9/11 Time 9:45 (am/pm)

City _____ County Allen Township Perry

Name and Address of Owner Allen Co. Regional Airport Authority, P.O. Box 1401, Lima, OH 45802

Person Contacted Mr. William Horvath, Operator Owner Phone 419-227-3225

Flow: Design 4000 GPD Present 500 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 80 ° Sunny

OEPA Personnel Thomas Poffenbarger, P.E. District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear	X	None		Colorless
1	Mild	X				X	
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

2. Effect of effluent on Receiving Stream Name: Not Observed

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has _____ excellent _____ good X fair _____ poor operation
 b. Plant has _____ excellent X good _____ fair _____ poor maintenance
 c. Sand filters have _____ excellent _____ good _____ fair _____ poor maintenance

d. Not operating at expected efficiency due to:

- (1) _____ hydraulic overload
 (2) _____ organic/ solids overload
 (3) _____ personnel inefficiency
 (4) _____ equipment failure
 (5) _____ wastes
 (6) _____

Disinfection: (Required May 1 thru Oct.31.)	
IN	OUT
_____	<u>No Disinfection</u>
_____	Chlorination Tablets
_____	Dechlorination Tablets
_____	U.V.

Yes No

4. X Compliance with NPDES Permit - schedule of compliance

Periodic Violations Y N Parameters: _____
 Chronic Violations _____ X _____

5. X Adequate plant safety

6. X Operation and Maintenance Service Name Bill Horvath

Frequency of Visits 5 times/week

Facility Name: Allen County Airport

Process	# Units	Unit	If Needed - Description and Comments
Preliminary		Trash Trap	Pumping Frequency:
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	1	Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time: 2 hours on / off
		Motor/ Blower Unit	
Secondary Treatment	1	Aeration Tank	Color: Grey / Black Adequate Aeration: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Final Settling	1	Clarifier	Turbid
		Sludge Return	In Out <input checked="" type="checkbox"/>
	Surface Skimmer	In Out	
	Fixed Media Clarifier		
Tertiary Treatment		Surface Sand Filter	
		Polishing Pond	
		Other	
Disinfection		Contact Tank	
		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	



2PH0000720090226

ALLEN

AMERICAN BATH STP

2PH00007 2009/02/26

POFFENBARGER,
THOMAS

LIMA



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.state.oh.us

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

Re: Allen County
American-Bath WWTP
NPDES Permit

February 25, 2009

Allen County Board of Commissioners
P.O. Box 1243
Lima, Ohio 45802

Dear Commissioners:

On February 10, 2009, a National Pollutant Discharge Elimination System (NPDES) permit compliance inspection was conducted at the American-Bath wastewater treatment plant. Mr. John Motycka and Mr. William Horvath were present and provided information on operation and maintenance of the plant and collection system. The inspection included a tour of the plant and completion of the enclosed inspection checklist.

During our visit, all major treatment units were in service. The final effluent discharging to Pike Run was clear. However, no samples were collected to verify compliance with NPDES permit limitations. One effluent violation (total suspended solids – Feb. 2008) was reported in the past year. Operation and maintenance of the wastewater treatment plant were satisfactory.

As discussed during the inspection, the Division of Surface Water has new Non-Compliance Notification Forms that can be e-mailed to our office (in lieu of calling the spill hotline and submitting a 5 day follow-up report) to report non-emergency non-compliance events. These forms can be obtained at: <http://www.epa.state.oh.us/dsw/permits/permits.html#noncompliance>. Complete forms should be e-mailed to your district inspector at: tom.poffenbarger@epa.state.oh.us.

A copy of our completed inspection checklist is enclosed for your records. If you have any questions, please call Tom Poffenbarger at (419)373-3008.

Yours truly,

Allen L. Rupp, P.E.
District Engineer/Section Manager
Division of Surface Water

Enclosure

TP/lb

pc: Mr. Stephen M. Kayatin, P.E., Allen Co. Sanitary Engineer w/enclosure
Mr. John Motycka, American Bath WWTP w/enclosure
Mr. William Horvath, Allen County Sanitary Engineering w/enclosure
~~DSW-NWDO*File w/enclosure~~

Permit #: 2PH00007
 NPDES #: OH0023841



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
2PH00007	OH0023841	2/10/2009	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
American-Bath Wastewater Treatment Plant 3226 North Cole Street Lima, Ohio 45801	10:00 AM	5/1/2008
	Exit Time	Permit Expiration Date
	11:50 AM	1/31/2013
Name(s) and Title(s) of On-Site Representatives		Phone Number(s)
Mr. John Motycka, Superintendent		419-225-8048
Mr. William L. Horvath, Collections Superintendent		419-331-6080
Name, Address and Title of Responsible Official		Phone Number
Allen County Commissioners P.O. Box 1243 Lima, Ohio 45802		419-228-3700

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

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

Final effluent discharge to Pike Run was clear.

One NPDES permit violation was reported in the past year (TSS loading Feb. 2008).

Non-Compliance Notification Forms can be e-mailed (in lieu of the spill hotline and 5 day follow-up report) for non emergency non-compliance events.

Inspector	Reviewer
 Thomas Poffenbarger, P.E. Date 2/11/09 District Engineer Division of Surface Water Northwest District Office	 Elizabeth A. Wick, P.E. Date 2/11/09 Water Quality Engineer Division of Surface Water Northwest 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:

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 Director's Final Findings & Orders
- (e) Permittee is meeting compliance schedule..... Y

Comments/Status:

(a) One effluent violation (TSS loading - Feb. 2008) was reported since our last inspection.

(d) DFFOs were issued to eliminate SSOs.
Pollutant minimization program annual report for mercury is due by March 1, 2009.

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)..... 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..... 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..... Y

Record Keeping:

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

Computer (maintenance) and hard copy logs (sign/out) are kept.
--
- (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..... 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:

- (f) If necessary, to provide relief to customers.
- (i) No major collection system repairs, system does have I/I problems.
- (j) Some very isolated complaints have been received.
- (k) No portions of the sewer are at or near capacity during dry weather.

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: Land Application)
(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:

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: 9/17/2008)
(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 (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).. Y
 - (b) If alternate analytical procedures are used, proper approval has been obtained..... N
 - (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: All parameters, except pH and dissolved oxygen, on an as needed basis.

Lab name: Alloway, Brehm (sludge-dioxin)

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: 8/1/2006

Comments/Status:

Section J: Effluent/Receiving Water Observations

Outfall Number	Oil sheen	Grease	Turbidity	Visible Foam	Visible Floating Solids	Color	Other
001	none	none	clear	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

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	Break Tank System
	Safety Features	S	Fence Surrounding WWTP
	Bypasses	-	
	Storm Water Overflows	-	
	Alternate Power Source	S	Generator
Preliminary	Maintenance of Collection Systems	S	
	Pump Station	IN	3 Variable speed pumps at headworks
	Ventilation	S	
	Bar Screen	IN	Mechanically cleaned w/manually cleaned bypass
	Disposal of Screenings	S	Hauled to a landfill
	Comminutor	-	
	Grit Chamber	-	
	Disposal of Grit	-	
Primary	Settling Tanks	-	
	Scum Removal	-	
	Sludge Removal	-	
	Effluent	-	
Sludge Disposal	Digesters	IN	2 Aerobic (one 3/4 full; one 1/2 full)
	Temperature and pH	-	
	Gas Production	-	
	Heating Equipment	-	
	Sludge Pumps	IN	3 RAS; 2 WAS; 4 transfer pumps
	Drying Beds	-	
	Vacuum Filter	-	
	Disposal of Sludge	S	Land Application
	Gravity Belt Thickener	OUT	Used approximately 5 times per year (6-7 days each time)
	Sludge Storage	IN	1 Tank (1/2 full)
Other	Flow Meter and Recorder	IN	Ultrasonic with a Parshall Flume
	Records	S	
	Lab Controls	S	
	Chemical Treatment	OUT	Alum
Secondary - Tertiary	Oxidation Ditch	IN	
	Secondary Clarifiers	IN	2 Units
Disinfection	Effluent	S	Clear
	Disinfection System	OUT	Ultraviolet - Summer Only
	Effective Dosage	-	
	Contact Time	-	
	Contact Tank	-	
	Dechlorination	-	