



Environmental  
Protection Agency

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



\*1PD0002420080307\*

BROWN

FAYETTEVILLE PERRY TWP WWTP

WARE, RONALD

2008/03/07



State of Ohio Environmental Protection Agency

Southwest District

401 East Fifth Street  
Dayton, Ohio 45402-2911

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

March 7, 2008  
2008

Joe Pierre, Board President  
Fayetteville - Perry Township Regional Sewer District  
P.O. Box 294  
Fayetteville, Ohio 45118

**Re: Fayetteville - Perry Twp. WWTP, NPDES Permit No. 1PD00024\*BD/OH0119041  
Compliance Evaluation Inspection**

Dear Mr. Pierre:

On Wednesday, March 5, 2008, Mr. Ron Ware of this office conducted a Compliance Evaluation Inspection at the above referenced facility. Steve Canter, Ernie Stickler, and Aaron Moore represented the Sewer District during the inspection. The purpose of the inspection was to evaluate several aspects of plant operation and performance. In addition, information gathered during the inspection assists in the determination of compliance with the NPDES permit. 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 G. Buft  
Compliance and Enforcement Supervisor

CC: Steve Canter, Environmental Engineering Service

MGB/plh





State of Ohio Environmental Protection Agency  
Southwest District Office

NPDES Compliance Inspection Report

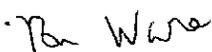
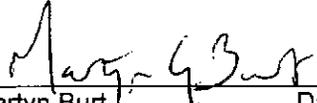
Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1PD00024*BD	OH0119041	3/5/2008	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Fayetteville - Perry Township Regional WWTP 4132 Snowhill Road Fayetteville, Ohio, Brown County	9:48 AM	3/1/2003
	Exit Time	Permit Expiration Date
	11:27 AM	2/28/2008
Name(s) and Title(s) of On-Site Representatives		Phone Number(s)
Steve Canter, Superintendent Ernie Stickler Aaron Moore		(937) 875 - 4411
Name, Address and Title of Responsible Official		Phone Number
Joe Pierre, Board President Fayetteville - Perry Township Regional Sewer District P.O. Box 294 Fayetteville, Ohio 45118		(937) 875 - 4411

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

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

Refer to attached report and cover letter.

Inspector	Reviewer
 Ron Ware Division of Surface Water Southwest District Office	 Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office
3/7/08 Date	3/7/08 Date

Permit #: 1PD00024\*BD  
NPDES #: OH0119041

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) Construction is underway at this facility to install the following: two new secondary clarifiers, new headworks screening structures (a rotary drum screen and a manual bar screen), new blowers, new diffusers, and a RAS/WAS pumping station. These plant improvements are authorized under PTI # 577635, which was issued on March 20, 2007.

**Section F: Compliance Schedules/Violations**

- |  |     |
|--|-----|
| (a) Any significant violations over the past year.....     | N   |
| (b) Permittee is taking actions to resolve violations..... | N/A |
| (c) Permittee has a compliance schedule.....               | N   |
| (d) Compliance schedule contained in <input type="text"/>  |     |
| (e) Permittee is meeting compliance schedule.....          | N/A |

**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..... Y
- (d) Operator holds unexpired license of class required by permit..... Y  
Class: II
- (f) Routine and preventative maintenance schedule/performed on time..... Y
- (g) Any major equipment breakdown since last inspection..... N
- (h) Operation and maintenance manual provided and maintained..... Y
- (i) Any plant bypasses since last inspection..... N
- (j) Regulatory agency notified of bypasses..... N/A  
On MORs  and/or Spill Hotline (1-800-282-9378)
- (k) Any hydraulic and/or organic overloads since last inspection..... Y

**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..... 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

**Comments/Status:**

**Section H: Sludge Management**

- (a) Sludge management plan (SMP)  
Submitted date: 12/23/1998      Approval #: 05-388    Not submitted     N/A
- (b) Sludge management plan current..... Y
- (c) Sludge adequately disposed..... Y  
(Method: land application at agronomic rates)
- (d) If sludge is incinerated, where is ash disposed of      N/A
- (e) Is sludge disposal contracted..... Y  
(Name: Environmental Engineering Service)
- (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:**

Waste sludge is still taken to the Rocky Fork WWTP. Plans are underway to amend the sludge management plan for the Fayetteville - Perry Township Regional WWTP to include this provision for waste sludge disposal (i.e., taking waste sludge to the Rocky Fork WWTP).

**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: magmeter on effluent force main)
- (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:**

There are magmeters on the pumped discharges (to the land application site and to the East Fork of the Little Miami River).

**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/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..... N
  - (e) Commercial laboratory used..... Y
- Parameters analyzed by commercial lab: Metals, ammonia nitrogen, nitrates - nitrites, oil & grease, total phosphorus, fecal coliform

Lab name: Belmonte Labs

*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:

**Comments/Status:**

Laboratory (c) & (d): Analyses for ammonia nitrogen in the treatment plant effluent are conducted more than once per month.

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

Outfall Number	Oil sheen	Grease	Turbidity	Visible Foam	Visible Floating Solids	Color	Other
001							

**Comments/Status:**

A discharge to the East Fork of the Little Miami River was underway at the time of the inspection. There was more than adequate flow in the East Fork on the day of the inspection.

**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:**