



**Environmental
Protection Agency**

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



1PB0003320091124

DARKE VERSAILLES WWTP

MILLER, JOSEPH 2009/11/24



State of Ohio Environmental Protection Agency

Southwest District Office

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

November 30, 2009

Mayor and Council
Village of Versailles
P.O. Box 288
Versailles, OH 45380

**RE: Compliance Evaluation Inspection (CEI)
Village of Versailles Wastewater Treatment Plant
1PB00033*GD/OH0020656, Versailles, Darke County**

Mayor and Council:

On October 21, 2009, I conducted a Compliance Evaluation Inspection at the Village of Versailles wastewater treatment works. This inspection was conducted in conjunction with an ARRA construction project progress inspection. At the time of inspection, construction appeared to be progressing well. It is expected that the wastewater treatment plant improvements should address compliance issues noted in past inspections. A detailed inspection report is attached.

No response to this inspection is required at this time. If you have any questions, I can be reached at (937) 285-6109 or by email at joe.miller@epa.state.oh.us.

Sincerely,

Joe Miller
Division of Surface Water

CC: Randy Gump, Village Administrator
Mark Voisard, WWTP Superintendent



Permit #: 1PB00033*GD
 NPDES #: OH0020656



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
1PB00033*GD	OH0020656	10/21/09	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of Versailles WWTP 300 Grand Avenue Versailles, Ohio 45380	9:30 AM	8/1/2008
	Exit Time	Permit Expiration Date
	11:35 AM	5/31/2011
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Mark Voisard	937-526-3148	
Name, Address and Title of Responsible Official	Phone Number	
Mayor and Council Randy Gump, Village Administrator Village of Versailles P.O. Box 288 Versailles, OH 45380	937-526-3294	

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

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

Wastewater treatment plant expansion under construction. WWTP improvements expected to address deficiencies with regards to excess storm flows requiring effluent blending. WWTP improvements also include phosphorus reduction, expanded sludge storage, effluent pumping, ultraviolet disinfection, main pump station upgrades, and a new oxidation ditch and clarification. ADF expanding from 0.35 MGD to 0.75 MGD.

Inspector	Reviewer
 Joe Miller Division of Surface Water Southwest District Office Date: 11/30/09	 Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office Date: 11/30/09

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..... | N |
| (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..... | N |
| (i) Number and location of discharge points are as described in permit..... | Y* |

Comments/Status:

Flows exceed plant capacity during large storm events. Construction of an upgraded wastewater treatment plant with an average design flow of 0.75 MGD currently underway. Expanded WWTP will also be able to handle wet weather flows of up to 4.5 MGD. It is expected that the expansion will eliminate the need for the effluent blending during storm events with rare exception.
 *effluent pipe location to be moved a short distance with WWTP upgrade

Section F: Permit Verification

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

Comments/Status:

No effluent limitation or frequency violations reported during period of September 2008 to October 2009. Effluent blending utilized nine (9) times during period of September 2008 to October 2009. Schedule of Compliance for the reduction of effluent total phosphorus loading. WWTP upgrade designed to reduce effluent phosphorus.
 Coding violations noted for upstream and downstream sampling points during storm events when sampling locations were inaccessible (Jan/Feb 09). July 2009 coding violations for upstream/downstream temperature due to temperature probe malfunction.

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 (Mark Voisard, WW2; Tim Wehrkamp, WW2; Frank Treon, WW1)
- (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 (updated)
- (i) Any plant bypasses since last inspection..... Y (blending)
- (j) Regulatory agency notified of bypasses..... Y
 On eDMRs and/or Spill Hotline (1-800-282-9378)
- (k) 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)

Hardbound log 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)..... Y
 - IV. Laboratory results (unless documented on bench sheets)... Bench
 - 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 I: Self-Monitoring Program

Flow Measurement:

- (a) Primary flow measuring device operated and maintained..... Y
Type of device: Ultrasonic & Parshall flume Ultrasonic & Weir X Weir
Calculated from influent Other (Specify: Pressure transducer)
- (b) Calibration frequency adequate Y
(Date of last calibration: 2008 (2/year))
- (c) Secondary instruments operated and maintained..... Y
- (d) Flow measurement equipment adequate to handle full range
of flows..... N
- (e) Actual flow discharged is measured..... Y
- (f) Flow measuring equipment inspection frequency
 Daily Weekly monthly other

Comments/Status:

Flow metering being upgraded. Effluent pumping being added for use during high stream flow.

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. N
- (d) If (c) is yes, are results in permittee's self-monitoring report..... N/A
- (e) Commercial laboratory used..... Y
Parameters analyzed by commercial lab: metals, Fecal Coliform, sludge
Lab name: Belmonte Laboratories

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:

Section J: Effluent/Receiving Water Observations

Outfall Number	Oil sheen	Grease	Turbidity	Visible Foam	Visible Floating Solids	Color	Other
001	no	no	no	no	no	clear	

Comments/Status:

Discharge clearer than Swamp Creek.

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