



State of Ohio Environmental Protection Agency

**Northwest District Office**

347 North Dunbridge Rd.  
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: Hardin County  
Village of Mt. Victory  
NPDES Permit

April 23, 2009

Mayor and Council  
Village of Mt. Victory  
124 South Washington Street  
P.O. Box 7  
Mt. Victory, Ohio 43340

Dear Mayor and Council:

On April 2, 2009, a National Pollutant Discharge Elimination System (NPDES) permit compliance inspection was conducted at the Village of Mt. Victory wastewater treatment plant. Ms. Ann Scott and Mr. Dan Stuck were present and provided information regarding operation and maintenance of the plant.

During our visit, the contents of the primary lagoon cell were brown in color. The contents of the secondary and tertiary cells were both dark green in color. The final effluent discharging to Panther Creek was green in color with a small amount of foam that dissipated quickly. No samples were collected to determine compliance with NPDES permit limits.

It is our understanding that the sanitary sewers which will serve the Village of Ridgeway are nearing completion. Connection into your collection system will begin in the near future.

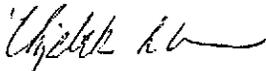
Operator Certification rules outlined in Ohio Administrative Code (OAC) 3745-7 became effective on December 21, 2006. Record keeping requirements and responsibilities of a certified operator (OAC 3745-7-09) were effective at that time. Portions of these record keeping requirements require documentation of all operation and maintenance activities on the collection system and wastewater treatment plant to be developed and maintained. The required documentation includes, but is not limited to: dates and times of arrival and departure for the operator of record and preventative maintenance logs for all plant and collection system components. The records must be kept up to date, contain a minimum of three months data at all times, and be maintained on site for at least three years. **These record keeping requirements must be implemented immediately.**

Mayor and Council  
April 23, 2009  
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Staffing and certification levels, outlined in the rules, will become effective with any NPDES permit action, issued after December 2008. The Mt. Victory WWTP will be classified as a "Class I" facility under the rules. "Class I" facilities require the certified operator of record to be physically present at the wastewater treatment plant three days per week for a minimum of 1.5 hours per week. Our review of the rules indicates that there is no provision that would provide an exemption from minimum staffing requirements for a lagoon system when there is no discharge.

Our completed inspection checklist is enclosed for your records. If you have any questions, please call Mr. Tom Poffenbarger at 419-373-3008.

Yours truly,



Elizabeth A. Wick, P.E.  
District Engineer/Unit Supervisor  
Division of Surface Water

TP/csl

Enclosure

pc: Ms. Ann Scott, Industrial Fluid Management w/enclosure  
DSW-NWDO File w/enclosure

Permit #: 2PA00046  
 NPDES #: OH0078271



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
2PA00046	OH0078271	4/2/2009	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of Mt. Victory WWTP State Route 31, south of Township Road 209 Mt. Victory, Hardin County	9:30 AM	8/1/2006
	Exit Time	Permit Expiration Date
	10:10 AM	7/31/2011
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Ms. Ann Scott, Industrial Fluid Management, Operator Mr. Daniel F. Stuck, Village Administrator	419-294-8673 937-354-2001	
Name, Address and Title of Responsible Official	Phone Number	
Mayor and Council Village of Mt. Victory 124 South Washington Street, P.O. Box 7 Mt. Victory, Ohio 43340	937-354-2001	

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

Section D: Summary of Findings (Attach additional sheets if necessary)			
Final effluent discharging to Panther Creek was green in color.			
Operator certification record keeping requirements must be implemented.			
Minimum staffing requirements will become effective with next permit renewal.			
Village of Ridgeway connection will begin in near future.			
Inspector		Reviewer	
<i>Thomas Poffenberger</i> 4/15/09		<i>Elizabeth A. Wick</i> 4/23/09	
Thomas Poffenberger, P.E. District Engineer Division of Surface Water Northwest District Office	Date	Elizabeth A. Wick, P.E. Water Quality Engineer Division of Surface Water Northwest District Office	Date

Permit # : 2PA00046  
NPDES #: OH0078271

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..... Y
- (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..... 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:

(a) CBOD (April 2008); TSS (2)(May 2008); pH (May 2008)  
(b) Bioaugmentation was approved by Council.

**Section G: Operation & Maintenance**

**Treatment Works:**

Treatment facility properly operated and maintained

- (a) Standby power available.....generator  or dual feed ..... N/A
- (b) Adequate alarm system available for power or equipment failures.. N/A
- (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)... N/A
- (h) Routine and preventative maintenance scheduled/performed... N/A
- (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..... N

**Record Keeping:**

- (a) Log book provided..... N
- (b) Format of log book (i.e. computer log, hard bound book)
- (c) Log book(s) kept onsite (in an area protected from weather)..... N
- (d) Log book contains the following:
  - I. Identification of treatment works..... N
  - II. Date/times of arrival/departure for Operator of Record and any other operator required by OAC 3745-7..... N
  - 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..... N
- (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..... N

**Section G: Operation & Maintenance (con t)**

**Collection System:**

- (a) Percent combined system: 0%
- (b) Any collection system overflows since last inspection..... N  
(CSO  and/or SSO )
- (c) Regulatory agency notified of overflows (SSOs)..... N/A
- (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..... N
- (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..... N
- (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: \_\_\_\_\_ Approval #: \_\_\_\_\_ Not submitted  N/A
- (b) Sludge management plan current..... N/A
- (c) Sludge adequately disposed..... N/A  
(Method: \_\_\_\_\_)
- (d) If sludge is incinerated, where is ash disposed of \_\_\_\_\_
- (e) Is sludge disposal contracted..... N/A  
(Name: \_\_\_\_\_)
- (f) Has amount of sludge generated changed significantly since  
last inspection..... N/A
- (g) Adequate sludge storage provided at plant..... N/A
- (h) Land application sites monitored and inspected per SMP..... N/A
- (i) Records kept in accordance with State and Federal law..... N/A
- (j) Any complaints received in last year regarding sludge..... N/A
- (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..... N  
Type of device: Ultrasonic & Parshall flume  Ultrasonic & Weir  Weir   
Calculated from influent  Other  (Specify: Estimated)
- (b) Calibration frequency adequate ..... N/A  
(Date of last calibration: \_\_\_\_\_)
- (c) Secondary instruments operated and maintained..... N/A
- (d) Flow measurement equipment adequate to handle full range  
of flows..... N/A
- (e) Actual flow discharged is measured..... N
- (f) Flow measuring equipment inspection frequency  
 Daily  Weekly  monthly  other

**Comments/Status:**

**Section I: Self-Monitoring Program (cont)**

**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. N
- (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 except temperature, pH and dissolved oxygen

Lab name: Industrial Fluid Management

*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	none	none	slight	slight	none	green	---

**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
<b>General</b>	Grounds	S	
	Buildings		
	Potable Water Supply Protection		
	Safety Features	S	Fence surrounding plant
	Bypasses		
	Storm Water Overflows		
	Alternate Power Source		
<b>Preliminary</b>	Maintenance of Collection Systems		
	Pump Station	IN	
	Ventilation		
	Bar Screen		
	Disposal of Screenings		
	Comminutor		
	Grit Chamber		
<b>Primary</b>	Disposal of Grit		
	Settling Tanks		
	Scum Removal		
	Sludge Removal		
	Effluent		
<b>Sludge Disposal</b>			
	Digesters		
	Temperature and pH		
	Gas Production		
	Heating Equipment		
	Sludge Pumps		
	Drying Beds		
	Belt Filter Press		
<b>Other</b>	Centrifuge		
	Disposal of Sludge		
	Flow Meter and Recorder		
	Records		
<b>Secondary - Tertiary</b>	Lab Controls		
	Chemical Treatment		
	Primary Lagoon	IN	Brown color
	Secondary Lagoon	IN	Dark green color
<b>Disinfection</b>	Tertiary Lagoon	IN	Dark green color
	Effluent	S	Green color, slight amount of foam
	Disinfection System		
	Effective Dosage		
	Contact Time		
	Contact Tank		
Dechlorination			