



State of Ohio Environmental Protection Agency

Southeast District Office

2195 Front Street
Logan, Ohio 43138

TELE: (740) 385-8501 FAX: (740) 385-6490
www.epa.state.oh.us

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

March 8, 2007

Re: Lawrence County
Village of South Point
Compliance Sampling Inspection Report
Correspondence (PWW)

Mr. Pat Leighty, Administrator
Village of South Point
408 Second Street West
South Point, Ohio 45680

Dear Mr. Leighty:

On January 30, 2007, a Compliance Evaluation Inspection (CEI) was conducted at the Village of South Point's wastewater treatment plant. The purpose of the inspection was to determine South Point's compliance with its National Pollutant Discharge Elimination System (NPDES) Permit (OPD00025*ED, OH0021814). Present for the inspection were Mike Lynd and Mike Kelly, representing the Village of South Point, and Stephen Wells representing Ohio EPA, Division of Surface Water, Southeast District Office. No wastewater samples were collected at the time of inspection. A copy of my inspection report is attached.

As a result of my inspection, I have the following comments:

1. The plant has been having effluent violations for oil and grease over the last year. The Village needs to investigate the possible sources of oil and grease in its collection system. If the oil and grease violations continue, Ohio EPA will take possible enforcement action against the Village to address the oil and grease violations. Please inform this office on the Village's actions to address oil and grease.
2. The Village is preparing plans for an upgrade to the wastewater treatment plant. The expansion will consist of new primary and secondary treatment. A new lab and sludge press and building will be included. The Village should also look at upgrading the anaerobic digesters to help improve the operation of the digesters.
3. The Village needs to work on the installation of telemetering at all of its lift stations. The use of telemetering at the lift stations will help eliminate potential bypasses. Please inform this office on the status of implementing telemetering for the lift stations.

4. The Village needs to be working on inflow/infiltration (I/I) removal in the collection system. The Village needs to continue to work on I/I removal due to the hydraulic overloading occurring at the wastewater treatment plant. Please update this office on the status of I/I removal projects.
5. The Village has hired another operator for the treatment plant. The Village needs to ensure that adequate staffing is provided at the treatment plant to be able to perform routine maintenance and meet the new operator requirements.

In conclusion, the Village of South Point appeared to be in non-compliance with its NPDES Permit at the time of the inspection, due to the NPDES Permit violations. The Village needs to address these violations to return to compliance.

The Ohio EPA strongly encourages pollution prevention as the preferred approach for waste management. The first priority of pollution prevention is to eliminate the generation of wastes and pollutants at the source (source reduction). For those wastes or pollutants that are generated, the second priority is to recycle or reuse them in an environmentally sound manner. You can benefit economically, help preserve the environment, and improve your public image by implementing pollution prevention programs. For more information about pollution prevention, including fact sheets or U.S. EPA's "*Facility Pollution Prevention Guide*" (EPA/600/R-92.008), please contact the Ohio EPA Pollution Prevention Section at (614) 644-3469.

Please respond to the above comments in writing to this office within 20 days of receipt of this letter.

If you have any questions, feel free to contact me at (740) 380-5434.

Sincerely,



Stephen Wells
District Representative
Division of Surface Water

SW/dh

Enclosure

c: Mike Lynd, Operator, Village of South Point

NPDES
Compliance Inspection Report

A. NATIONAL DATA SYSTEM CODING

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
OPD00025*ED	OH0021814	January 30, 2007	C	S	1

B. FACILITY DATA

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of South Point Wastewater Treatment Plant 408 2nd Street, West South Point, Ohio 45680	10:15 a.m.	January 2, 2003
	Exit Time	Permit Expiration Date
	12:15 p.m.	July 31, 2007

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Mike Lynd, Operator	(740) 377-4838
Name, Address and Title of Responsible Official	Phone Number
Pat Leighty, Administrator Village of South Point 408 Second Street West South Point, Ohio 45680	(740) 377-4838

C. AREAS EVALUATED DURING INSPECTION

<u>S</u> Permit	<u>S</u> Flow Measurement	<u>N/A</u> Pretreatment
<u>S</u> Records/Reports	<u>N</u> Laboratory	<u>N/A</u> Compliance Schedules
<u>S</u> Operations & Maintenance	<u>U</u> Effluent/Receiving Waters	<u>S</u> Self-Monitoring Program
<u>S</u> Facility Site Review	<u>S</u> Sludge Storage/Disposal	<u>--</u> Other
<u>M</u> Collection System		

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

D. SUMMARY OF FINDINGS/COMMENTS (attach additional sheets if necessary)

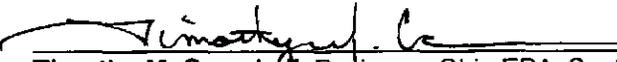
See attached letter.



Stephen Wells, Inspector, Ohio EPA, Southeast District Office

3/8/07

Date



Timothy M. Campbell, Reviewer, Ohio EPA, Southeast District Office

3/8/07

Date

E. PERMIT VERIFICATION

Inspection Observations Verify the Permit	Yes	No	N/A	N/E
a. Correct name and mailing address of permittee	X			
b. Correct name and location of receiving waters	X			
c. Product(s) and production rates conform with permit application (industries)			X	
d. Flows and loadings conform with NPDES permit	X			
e. Treatment processes are as described in permit application/briefing memo	X			
f. New treatment process(es) added since last inspection		X		
g. Notification given to state of new, different, or increased discharges			X	
h. All discharges are permitted		X*		
i. Number and location of discharge points are as described in permit	X			

Comments: *Bypass at the head of plant has not been closed. Any discharge from this bypass shall be reported to Ohio EPA.

F. COMPLIANCE SCHEDULES/VIOLATIONS

	Yes	No	N/A	N/E
a. Any significant violations since the last inspection	X			
b. Permittee is taking actions to resolve violations	X			
c. Permittee has compliance schedule		X		
d. Compliance schedule contained in: _____				
e. Permittee is meeting compliance schedule			X	

Comments:

G. OPERATION AND MAINTENANCE

Treatment Facility Properly Operated and Maintained	Yes	No	N/A	N/E
a. Standby power available: Generator <u>X</u> Dual Feed _____	X			
b. Adequate alarm system available for power or equipment failures	X*			
c. All treatment units in service other than backup units	X			
d. Sufficient operating staff provided: # of shifts <u>1</u> Days/Week <u>7</u>				
e. Operator holds unexpired license of class required by permit Class: <u>III</u>	X			
f. Routine and preventive maintenance schedule/performed on time	X			
g. Any major equipment breakdown since last inspection	X**			
h. Operation and maintenance manual provided and maintained	X			
i. Any plant bypasses since last inspection		X		
j. Regulatory agency notified of bypasses: _____ on MORS _____ 800 Number			X	
k. Any hydraulic and/or organic overloads experienced since last inspection	X			

Comments: *Lift stations and plant do not have auto dialers for notification of problems.
 **Bar screen was out of service, has been repaired and back in service.

Collection System	Yes	No	N/A	N/E
a. Percent combined system: <u>0</u> %				
b. Any collection system overflows since last inspection (CSO _____ SSO _____)		X		
c. Regulatory agency notified of overflow (SSOs)			X	
d. CSO O and M plan provided and implemented			X	
e. CSOs monitored and reported in accordance with permit			X	
f. Portable pumps used to relieve system		X		
g. Lift station alarm systems provided and maintained		X		
h. Are lift stations equipped with permanent standby power or equivalent	X			
i. Is there an inflow/infiltration problem (separate sewer system), or were there any major repairs to collection system since last inspection	X			
j. Any complaints received since last inspection of basement flooding	X*			
k. Are any portions of the sewer system at or near capacity	X			

Comments: *Basements flooded in July 2006 due to heavy rainfall and problems with wet well pumps.

H. SLUDGE MANAGEMENT

a. Sludge Management Plan (SMP): 02/7/90 Submitted Date
06-156PW Approval Number

Not submitted

N/A

	Yes	No	N/A	N/E
b. Sludge Management Plan current	X			
c. Sludge adequately disposed (Method: <u>Landfilling</u>)	X			
d. If sludge is incinerated, where is ash disposed of? _____			X	
e. Is sludge disposal contracted (Name: _____)		X		
f. Has amount of sludge generated changed significantly since last inspection		X		
g. Adequate sludge storage provided at plant	X			
h. Land application sites monitored and inspected per SMP			X	
i. Records kept in accordance with state and federal law	X			
j. Any complaints received in last year regarding sludge		X		
k. Is sludge adequately processed (digestion, dewatering, pathogen control)	X			

Comments:

I. SELF-MONITORING PROGRAM

Part 1 - Flow Measurement		Yes	No	N/A	N/E
a.	Primary flow measuring device properly operated & maintained. Type of device: <input type="checkbox"/> ultrasonic & parshall flume <input type="checkbox"/> calculated from influent <input type="checkbox"/> weir <input type="checkbox"/> Other <input checked="" type="checkbox"/> ultrasonic & weir <input type="checkbox"/> Specify: _____	X			
b.	Calibration frequency adequate (date of last calibration: <u>6/06</u>)	X			
c.	Secondary instruments (totalizers, recorders etc.) properly operated and maintained	X			
d.	Flow measurement equipment adequate to handle expected ranges of flows	X			
e.	Actual flow discharged is measured*				
f.	Flow measuring equipment inspection frequency: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly <input type="checkbox"/> Other				

Comments: *Influent is measured.

Part 2 - Sampling		Yes	No	N/A	N/E
a.	Sampling location(s) are as specified by permit	X			
b.	Parameters and sampling frequency agree with permit	X			
c.	Permittee uses required sampling method	X			
d.	Sample collection procedures are adequate	X			
i.	Samples refrigerated during compositing	X			
ii.	Proper preservation techniques used				X
	Conform with 40 CFR 136.3				X
e.	Monitoring records (e.g., flow, pH, D.O., etc.) maintained for a minimum of three years including all original strip chart recordings (e.g., continuous monitoring instrumentation, calibration, and maintenance records)	X			
f.	Adequate records maintained of sampling date, time, exact location, etc.	X			

Comments:

Part 3, Laboratory - General		Yes	No	N/A	N/E
a.	EPA approved analytical testing procedures used (40 CFR 136.3)				X
b.	If alternate analytical procedures are used, proper approval has been obtained				X
c.	Analyses being performed more frequently than required by permit		X		
d.	If (c) is yes, are results reported in permittee's self-monitoring report			X	
e.	Commercial laboratory used	X			
	1. Parameters analyzed by commercial lab: <u>Metals, oil & grease, TKN</u>				
	2. Lab name: <u>MAS!</u>				

Comments:

Part 3, Laboratory - Quality Control/Quality Assurance		Yes	No	N/A	N/E
f.	Quality assurance manual provided and maintained				X
g.	Satisfactory calibration and maintenance of instruments and equipment				X
h.	Adequate records maintained				X
i. Results of latest U.S. EPA quality assurance performance sampling program:					
Date: _____ * _____ Satisfactory					
_____ Marginal					
_____ Unsatisfactory					

Comments: *DMR-QA Study #25 results not received by this office.

J. EFFLUENT/RECEIVING WATER OBSERVATIONS

Outfall #	Oil Sheen	Grease	Turbidity	Visible Foam	Visible Float Solids	Color	Other
001	None	None	Slight	Yes	None	Murky	None

Comments:

K. MULTIMEDIA OBSERVATIONS

	Yes	No	N/A	N/E
a. Are there indications of sloppy housekeeping or poor maintenance in work and storage areas or laboratories		X		
b. Do you notice staining or discoloration of soils, pavement, or floors		X		
c. Do you notice distressed (unhealthy, discolored, dead) vegetation		X		
d. Do you see unidentified dark smoke or dustclouds coming from sources		X		
e. Do you notice any unusual odors or strong chemical smells		X		
f. Do you see any open or unmarked drums, unsecured liquids, or damaged containment facilities		X		

If any of the above are observed, ask the following questions:

1. What is the cause of the conditions?
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: