



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

Re: Marion County  
Caledonia WWTP  
NPDES Permit

August 2, 2013

Mayor and Council  
Village of Caledonia  
110 Marion Street  
Caledonia, Ohio 43314

Dear Mayor and Council:

This will acknowledge our July 24, 2013, compliance inspection at the Caledonia wastewater treatment plant (WWTP). This facility is located on Cemetery Road. This inspection was conducted to evaluate compliance with your facility's National Pollutant Discharge Elimination System (NPDES) permit No. 2PA00035. Mr. Jeff Good, Operator, was present and provided information on the operation of the plant.

At the time of the inspection, all major treatment components were in service. The mixed liquor in the aeration basins had a brown color. The final discharge from the treatment plant was clear. However, we did not collect plant effluent samples to determine the water quality of the discharge during the visit.

Again, we continue to urge the Village to take corrective actions to resolve the excessive infiltration/inflow problems in your collection system per the January 15, 2009, letter from the Marion County Sanitary Engineering Department. Continuous maintenance and elimination of large sources of clean water infiltration could help delay another costly treatment plant expansion.

Our review of your Discharge Monitoring Reports (4/1/2012 to 7/1/2013) indicated three effluent violations. Please refer to the enclosed violation table. Our completed inspection form is enclosed for your review.

If you have any questions or comments, please call Mr. Jason Ko at 419-373-3021.

Yours truly,

Elizabeth Wick, P.E.  
Environmental Engineer/Section Manager  
Division of Surface Water

JK/jlm

Enclosures

pc: Roger Dietrich, Marion County Sanitary Engineering Department

ec: Tracking

# NPDES COMPLIANCE INSPECTION REPORT

## Section A: National Data System Coding

Permit #	NPDES	Yr/Mo/Day	Inspection Type	Inspector	FacType
2PA00035	OH0021750	2013/7/24	C	S	1

## Section B: Facility Data

Name and Location of Facility Inspected  Village of Caledonia Caledonia WWTP Cemetery Road Caledonia, OH 43314	Entry Time	Permit Effective Date
	9:30 A.M.	2/1/2013
	Exit Time	Permit Expiration Date
	10:00 A.M.	1/31/2018

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Mr. Jeff Good, Plant Operator	740-389-1526

Name, Address and Title of Responsible Official	Phone Number
Mayor & Council Members Village of Caledonia 110 Marion Street Caledonia, Ohio 43314	(419)-845-2713

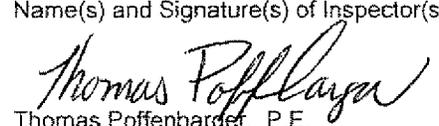
## Section C: Areas Evaluated During Inspection

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

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

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

- \* WWTP was in operation and clear discharge from the plant
- \* Continue taking corrective actions to address the excessive I/I problems per the MCSED letter dated 1/15/2009
- \* The NPDES permit will expire 1/31/2018
- \* Review of the Discharge Monitoring Report (4/1/2012 - 7/1/2013) indicated three effluent violations

 Jason Ko Name(s) and Signature(s) of Inspector(s)	8/1/13 Date	Ohio EPA, Northwest District Office
 Thomas Poffenbarger, P.E. Name and Signature of Reviewer	7/31/13 Date	Ohio EPA, Northwest District Office

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	-	
	Potable Water Supply Protection	-	
	Safety Features	S	Fenced
	Bypasses	-	
	Stormwater Overflows	-	
	Alternate Power Source	OUT	Portable generator
Preliminary	Maintenance of Collection Systems	M	Continue taking corrective actions to address I/I problems per MCSED letter
	Pump Station	IN	2 lift stations in town
	Ventilation	-	
	Bar Screen	-	
	Disposal of Screenings	-	
	Comminutor	OUT	
	Grit Chamber	-	
	Disposal of Grit	-	
	Equalization Basin	IN	2 basins & currently using as sludge holding
Primary	Settling Tanks	-	
	Scum Removal	-	
	Sludge Removal	-	
	Effluent	-	
Sludge Disposal	Digesters (Aerobic)	OUT	2 basins
	Temperature and pH	-	
	Gas Production	-	
	Heating Equipment	-	
	Sludge Pumps	IN	2 air lift pumps per clarifier (4 total)
	Drying Beds	-	
	Vacuum Filter	-	
	Disposal of Sludge	S	Land application
Other	Flow Meter and Recorder	IN	Hr meter @ dosing pumps
	Records	S	
	Lab Controls	-	
	Chemical Treatment	-	
Secondary-Tertiary List items as required	Aeration Basin	IN	2 units & brown
	Secondary Settling	IN	2 units
	Fixed Media	IN	3 units
	Post Air	IN	
	Blowers	IN	4 units ; 2 in use
	Sand Filter	IN	2 units ; 1 in use
Disinfection	Effluent	S	Clear discharge
	Disinfection System	IN	
	Effective Dosage	S	
	Contact Time	S	
	Contact Tank	IN	
	Dechlorination	IN	

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PA00035*DD	April 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	3.455	4/1/2012
2PA00035*DD	December 2012	581	31641	Fecal Coliform in Slud	1D Conc	200000	2200000	12/11/2012
2PA00035*DD	December 2012	581	31641	Fecal Coliform in Slud	1D Conc	200000	2900000	12/19/2012