



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

October 23, 2012

Ms. Loretta Rokey  
Village Administrator  
Village of Glendale  
30 Village Square  
Glendale, Ohio 45246

**RE: Hamilton County, Glendale WTP, Compliance Evaluation Inspection**

Dear Ms. Rokey:

On October 18, 2012, I conducted a Compliance Evaluation Inspection at the Glendale WTP (NPDES Permit No. OH0123072; OEPA Permit No. 1IW00029\*AD). Representing this facility was Kevin Bell. A copy of my inspection report is enclosed.

The inspection report contains one unsatisfactory area and one marginal area. The Permit section was rated unsatisfactory as a result of the unauthorized discharge from the aerobic septic system serving this facility. The Flow Measurement section was rated marginal as a result of the failure to estimate the flow rate in an acceptable manner.

The areas noted in the report summary will require a written response by November 9, 2012. The response should include a description of the actions proposed to correct the violations and the dates anticipated for completion of these actions.

If you have any questions, please call me at (937) 285-6096.

Sincerely,

Ned Sarle  
Environmental Specialist  
Division of Surface Water  
Permits Section

Enclosures

ec: Kevin Bell, Village of Glendale



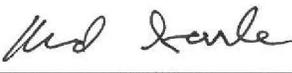
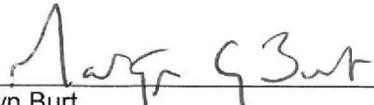
State of Ohio Environmental Protection Agency  
Southwest District Office

NPDES Compliance Inspection Report

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1IW00029*AD	OH0123072	10/18/2012	C	S	2

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Glendale WTP 2779 East Sharon Road Glendale, Ohio 45246	11:55 A.M.	10/1/2011
	Exit Time	Permit Expiration Date
	1:10 P.M.	9/30/2016
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Kevin Bell, WTP Chief Operator	(513) 678-0992	
Name, Address and Title of Responsible Official	Phone Number	
Loretta Rokey, Village Administrator 30 Village Square Glendale, Ohio 45246	(513) 771-7200	

Section C: Areas Evaluated During Inspection					
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)					
U	Permit	M	Flow Measurement	N	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	N	Other
S	Collection System				

Section D: Summary of Findings (Attach additional sheets if necessary)	
See Attached Summary of Findings / Comments.	
Inspector	Reviewer
 Ned Sarle Division of Surface Water Southwest District Office	 Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office
10/23/12 Date	10/23/12 Date

## **Summary of Findings / Comments**

### Areas Requiring a Response

The WTP restrooms and lab area discharge to an aerobic septic system that discharges to Mill Creek via a storm sewer. This discharge is not authorized by an NPDES Permit to discharge. The discharge is in violation of Ohio Revised Code Chapter 6111. Action must be immediately taken to eliminate this unauthorized discharge. Currently, an MSD sanitary sewer runs along the rear of the WTP property. The sanitary sewer is 170 feet from the building foundation. As a result, the only approvable option will be to connect to this sanitary sewer. The Village of Glendale must connect to the sanitary sewer as soon as possible.

Finally, with the sewer tap within 300 feet of your two water production wells, the sanitary sewer lateral will be required to be constructed of water main quality for the pipe material and pipe joints. The sewer lateral will also need to be pressure tested to ensure proper water tightness. If you have any questions about this requirement, please contact Mariano Haensel of this office at (937) 285-6113.

The water treatment plant process water discharge is an estimate obtained by looking at the flow from the last settling lagoon on one day. The same value is then provided for the whole month. This is not acceptable. Some means for estimating the daily flow rate is required.

### Areas Not Requiring a Response

Most chlorine residual sample results are below the detection limit. The facility has been reporting these as 0.00001 mg/l. The actual detection limit is 0.01 mg/l. This reporting method is not acceptable. Reporting code "AA" must be used for sample results that are below the detection limit. The actual detection limit will also be required to be entered in the Discharge Monitoring Reports (DMRs). Finally, I have enclosed information about the different "A" reporting codes that may be used on the DMRs.

A review of the DMRs for October 2011 through August 2012 indicated no effluent violations. In addition, the values reported would have complied with the final effluent limits that will become effective on October 1, 2014. A review of the DMRs for the noted period also indicated that the average daily flow rate was 19,700 gpd and the peak daily flow rate was 72,000 gpd.

The discharge from the settling lagoons was noted as being clear and relatively free of any solids. No adverse conditions were noted at the Mill Creek discharge location. The sign at the WTP discharge location has been installed as required by the NPDES Permit.

The water treatment system consist of two production wells, a flocculation tank, four settling tanks operated in series, four rapid sand filters, a clear well and a water

Permit #: 1IW00029\*AD  
NPDES #: OH0123072

distribution booster pump. The settling tanks are solids are withdrawn once a day. The rapid sand filters are backwashed on Tuesdays and Fridays. The wastewater generated from these processes is discharged to three settling lagoons that operated in series.

Each year, solids are removed from either the first lagoon or the second and third lagoon. The facility has been doing this for the past seven years. The solids removed are currently reused by a Duke Energy power plant for their air scrubber system.

## "A" REPORTING CODES

Here is the explanation concerning the use of data substitution codes ("A" codes) on monthly operating reports. This information is subject to change. Please watch for the annual mailing of monthly operating reports from Ohio EPA for revisions to the "A" code list and guidance concerning the use of the codes. Depending on the facts of the matter, there may be a violation of the permit for "failure to monitor" even when the data substitution codes are used properly.

AA Below Detectable Limit: Use this code when the quantitative analysis for a substance is done according to an approved analytical method and does not detect the substance or detects it at a level below the minimum detection level. When this code is used, the detection limit should be reported in the additional remarks section of the monthly operating report.

AB Analytical Data Lost: Use this code when the analytical data for a sample has been lost. This applies only to recorded data (e.g., paper records, data disks, etc.). This code is not to be used when a sample is lost. In such a case, the sample would be considered not to have been taken. The circumstances causing the use of this code should be explained in the additional remarks section of the monthly report.

AC Plant Not Operating: Use this code when the wastewater treatment plant is not in operation and there is no discharge to waters of the State, thereby precluding the collection of samples. The circumstances causing the use of this code should be explained in the additional remarks section of the monthly operating report.

AD Automatic Analyzer Out of Service: Use this code when an automatic analyzer, which is normally used to analyze samples at the treatment works, is inoperative. The circumstances causing the use of this code should be explained in the additional remarks section of the monthly operating report.

AE Analytical Data Not Valid: Use this code if the analytical data for a given sample is for some reason not valid. The reason that the data is not valid should be stated in the additional remarks section of the monthly operating report.

AF High Stream Water Inundates Sample Site: Use this code when the designated sampling site is inaccessible because of the high level of water in a stream. This code should be used for all parameters required to be sampled at the site on the day that it was submerged.

AG Trace: This code should not be used. It will be removed from the list of substitution codes available for use on the monthly operating reports.

AH Sample Not Taken, Explanation in Remark Section: Use this code when a required sample is not taken for a reason other than one covered by another "A" Code. An explanation as to why the sample was not taken must be given in the additional remarks section of the monthly operating report.

AJ Above Range of Automatic Analyzer: Use this code when the concentration of a substance is above the level that an automatic analyzer is capable of measuring. This code should only be used for parameters that are normally analyzed by an automatic analyzer. The upper limit of the automatic analyzer should be reported in the additional remarks section of the monthly operating report.

AK Biological Sample - Too Numerous to Count: Use this code when the number of bacterial colonies for each dilution tested exceeds the acceptable number of colonies given by the analytical method used. (Appropriate dilutions should be used to obtain an acceptable count of bacterial colonies.)

AN Sample Not Taken, Plant Not Normally Staffed (Saturdays, Sundays, and Holidays): Use this code to indicate when samples are not collected on days that the treatment plant is not normally staffed. The use of this code is limited to Saturdays, Sundays, and officially recognized municipal holidays if the treatment plant is not normally staffed on those days.