



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

Re: Erie County
Village of Milan
NPDES Permit

June 5, 2013

Mr. Kevin Ackerman
Village Administrator
Village of Milan
P.O. Box 1450
Milan, Ohio 44846

Dear Mr. Ackerman:

On May 23, 2013, a National Pollutant Discharge Elimination System (NPDES) permit compliance inspection was made at the Milan wastewater treatment plant (WWTP). Mr. Dan Hipp, assistant operator, was present. The inspection consisted of an interview on facility operations, review of an inspection checklist, and walk through of the plant. At the time of my visit, all major treatment components were in operation and a clear final effluent was observed being discharged from the plant. My comments are as follows:

- 1) NPDES monthly discharge monitoring reports are being submitted in a timely manner. Influent flow continues to average less than half the plant rated treatment capacity of 0.370 mgd. The plant has been in compliance with permit limitations with the exception of two low level mercury exceedances; one exceptionally high result in March 2012 and another in December 2012. This should be monitored as Milan is operating under Mercury Variance limits granted in exchange for implementation of a mercury pollutant minimization program (PMP). We received the 2012 annual report summarizing the mercury PMP activities. One major lift station was sampled and you are evaluating the collection system for additional sites. You also plan on cleaning the sanitary sewer downstream of the former dentist office location and resampling it. The lift stations and several other locations are scheduled to be sampled in 2013. Please continue to implement the mercury PMP as approved.
- 2) We also discussed the discharge from Johns Manville, formerly Clevite Elastomers. The manufacturing process has changed, and following a six month monitoring period, the discharge revealed minimal potential to effect plant operations. You informed us that an Indirect Discharge Permit (IDP) will not be necessary.

Enclosed is my inspection report. If you have any questions, please call me at (419) 373-3020 or email at rick.zuzik@epa.ohio.gov.

Sincerely,



Richard A. Zuzik, MSE
Division of Surface Water

/jlm
Enclosures
ec: Tracking



State of Ohio Environmental Protection Agency
Northwest District Office

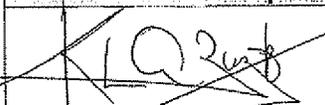
NPDES Compliance Inspection Report

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
2PB00037	OH0022641	05/28/2013	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of Milan 13317 Riley Road Milan, Ohio 44846	10:30 am	1/1/11
	Exit Time 12:00 pm	Permit Expiration Date 12/31/15
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Kevin Ackerman, Supt Dan Hipp, Operator	(419) 499-7800	
Name, Address and Title of Responsible Official	Phone Number	
Kevin Ackerman, Village Administrator PO Box 1450 Milan, Ohio 44846	(419) 499-7800	

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

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

Inspector	Reviewer
 Richard A. Zuzik, MSE Division of Surface Water Northwest District Office	 Thomas Poffenbarger, P.E. Water Quality Engineer II / Unit Supervisor Division of Surface Water Northwest District Office
Date 6-5-13	Date 6/5/13

OPERATION AND MAINTENANCE INSPECTION

0.025 to 1.0 MGD

Facility Name Milan WWTP Application No. OH 0022641
 Ohio Permit No. 2PB00037
 Facility Address 13317 Riley Rd Date 5-28-13 Time 10:30 AM
 City Milan County Erie Township Milan
 Name and Address of Owner Village of Milan, P.O. Box 1450 Phone (419) 499-7800
 Person Contacted Kevin Ackerman, Supt, Dan Hipp, Operator Phone _____
 Flow: Design 0.370 MGD GPD Present 100 MGD GPD (metered) estimated)
 Trib. Pop. 1600 (actual estimated) Weather at time of inspection 80° Cloudy
 OEPA Personnel Bick Zuzik District NWDO

STORE I.D. No. 39 _____

NOTATIONS BY EVALUATOR							
1. OPERATION AND MAINTENANCE PROBLEMS DEFICIENCIES							
CHECK EACH OF THE FOLLOWING ITEMS IN TERMS OF THEIR ESTIMATED ADVERSE EFFECTS ON THE PERFORMANCE OF THE PLANT							
ITEM	MAJOR	MINOR	NONE	ITEM	MAJOR	MINOR	NONE
STAFF COMPLEMENT			✓	OVERLOADS (type)			
PERSONNEL TRAINING			✓	HYDRAULIC			
OPERATOR BUDGET			✓	PERIODIC		✓	
LABORATORY CONTROL			✓	CONTINUOUS			
INSTRUMENTATION			✓	ORGANIC			✓
INDUSTRIAL WASTE			✓	PERIODIC			
PLANT OBSOLESCENCE			✓	CONTINUOUS			
EQUIPMENT FAILURE:			✓	OVERLOAD CAUSES:			
TREATMENT PROCESSES			✓	INFILTRATION		✓	
SLUDGE HANDLING AND PROCESSING			✓	COMBINED SEWERS			
			✓	INDUSTRIAL GROWTH			
EQUIPMENT MAINTENANCE			✓	RAPID POPULATION GROWTH			
SPARE PARTS INVENTORY			✓	INCREASED SERVICE AREA			
POWER FAILURE			✓	OTHER:			
				OTHER:			

2. PLANT PERSONNEL INVENTORY									
PERSONNEL CLASSIFICATION (a.)	EMPLOYMENT (b.)				CERTIFICATION (c.)		TRAINING REQUIRED NEXT 12 MONTHS (d.)		
	ACTUAL		NUMBER BUDGETED	NO. RECOMMENDED	VOLUNTARY	MANDATORY	ACTUAL NO. CERTIFIED	NEW HIRES	UPGRADE (Promotion or skill improvement)
	MANHOURS PER WEEK	NUMBER							
1. MANAGEMENT SUPERVISOR		1	1			III			
2. OPERATOR	13	1	1			II			
3. LABORATORY	8								
4. MAINTENANCE	14								
5. OTHER PLANT WORKERS									
6. OTHER OFFICE WORKERS									
7. TOTAL	35	2	2						

3. PURPOSE OF INSPECTION				4. GENERAL RATING			
<input type="checkbox"/> GRANT COMPLIANCE <input type="checkbox"/> FOLLOW-UP <input checked="" type="checkbox"/> PERMIT COMPLIANCE <input type="checkbox"/> OTHER:				ACCEPTABLE		✓	
				CONDITIONAL ACCEPTANCE			
				UNACCEPTABLE			
EVALUATION PERFORMED BY		TITLE		ORGANIZATION		DATE	
Rick Zuzik		ES II		OEPA, NWDO		5-28-13	
INFORMATION FURNISHED BY		TITLE		ORGANIZATION		DATE	
Kevin Ackerman		Supt.		Milan		5-28-13	

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	S	
	POTABLE WATER SUPPLY PROTECTION	S	
	SAFETY FEATURES	S	
	BYPASSES	-	
	STORMWATER OVERFLOWS	-	
	Retention Pond	OUT	
PRELIMINARY	MAINTENANCE OF COLLECTION SYSTEMS	S	
	PUMP STATION	IN	
	VENTILATION	IN	
	BAR SCREEN	IN	
	DISPOSAL OF SCREENINGS	S	landfill
	COMMINUTOR	-	
	GRIT CHAMBER	IN	Aerated - Ferric Chloride added for phosphorus removal
	DISPOSAL OF GRIT	S	landfill
PRIMARY	SETTLING TANKS	S	
	SCUM REMOVAL	S	
	SLUDGE REMOVAL	S	
	EFFLUENT	S	
SLUDGE DISPOSAL	DIGESTERS	IN	2 aerated
	TEMPERATURE AND PH	-	
	GAS PRODUCTION	-	
	HEATING EQUIPMENT	-	
	SLUDGE PUMPS	IN	
	DRYING BEDS	IN	
	VACUUM FILTER	-	
	INCINERATION	-	
	DISPOSAL OF SLUDGE	S	land applied by Village
OTHER	FLOW METER AND RECORDER	IN	
	RECORDS	S	
	LAB CONTROLS	S	
SECONDARY - TERTIARY (LIST ITEMS AS REQUIRED)	Biological Towers	IN	(2) Green growth on plastic media
	Final Clarifiers	IN	(2) circular - clear, good settling
CHLORINE	EFFLUENT	S	
	CHLORINATORS	IN	
	EFFECTIVE DOSAGE	S	
	CONTACT TIME	S	
	CONTACT TANK	IN	
	Post Aeration	IN	
	Dechlorination	IN	Sodium Bisulfite

ANNUAL BUDGET FOR MAINTAINING AND OPERATING PLANT

SALARIES & WAGES	ELECTRICITY	CHEMICALS	MAINTENANCE	STAFFING & TRAINING	OTHER	TOTAL