



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
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: Erie County
Village of Milan
NPDES Permit

October 9, 2008

Mr. Bruce Bowie, Village Administrator
Village of Milan
P.O. Box 1450
Milan, Ohio 44846

Dear Mr. Brown:

On September 23, 2008 an inspection was made of the Milan wastewater treatment plant. Mr. Kevin Ackerman, Superintendent was present and provided information on facility operations. 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.

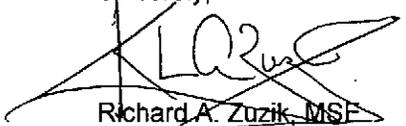
Our comments are as follows:

1) NPDES monthly discharge monitoring reports are being submitted electronically in a timely manner using our new eDMR online reporting system. A review of the past three years of data revealed only periodic chlorine residual violations in 2006-07, which have since been addressed. No violations have been reported in 2008. Influent flow continues to average less than half the plant rated treatment capacity of 0.370 mgd.

2) The NPDES permit contains a schedule of compliance to meet final table effluent limits for phosphorus by September 1, 2010. Status reports indicating progress towards meeting the schedule were due beginning October 2006. We did not receive the reports for 2006 and 2007. We recently received the October 2008 report from Mr. Ackerman. It indicates phosphorus monitoring from Clevite Elastomers, which is the largest industry in town, and discussions with other municipalities for possible chemical addition.

Our completed inspection report is enclosed. We appreciate Mr. Ackerman's commitment to providing a high level of operation and maintenance to this facility. If you have any questions, please feel free to call me at (419) 373-3020, or email at rick.zuzik@epa.state.oh.us.

Sincerely,


Richard A. Zuzik, MSF
Division of Surface Water

/lb

pc: Kevin Ackerman, Superintendent
NWDO file

OPERATION AND MAINTENANCE INSPECTION
0.025 to 1.0 MGD

Application No. OH 0022641
 Ohio Permit No. 2PB00037*KD
 Facility Name Milan WWTP Date 9-23-08 Time 10⁰⁰ AM
 Facility Address Riley Road
 City Milan County Erie Township Milan
 Name and Address of Owner Village of Milan, PO Box 1450
Bruce Bowie, Village Administrator Phone (419) 499-2133
 Person Contacted Kevin Ackerman, Supt. Phone (419) 499-7800
 Flow: Design 370 GPD Present 85-125,000 GPD (metered) - estimated)
 Trib. Pop. 1600 (actual-estimated) Weather at time of inspection 75° Clear
 OEPA Personnel Rick Zuzik District NW

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. RE- COMMENDED	NO. RECOM- MENDED OR REQUIRED BY STATE	ACTUAL NO. CERTIFIED	NEW HIRES	UPGRADE (Promotion or skill im- provement)
	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		ACCEPTABLE		<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/> PERMIT COMPLIANCE		<input type="checkbox"/> OTHER:		CONDITIONAL ACCEPTANCE			
UNACCEPTABLE							
EVALUATION PERFORMED BY		TITLE		ORGANIZATION		DATE	
Rick Zuzik		ES II		OEPA, NW00		9-23-08	
INFORMATION FURNISHED BY		TITLE		ORGANIZATION		DATE	
Kevin Ackerman		Superintendent		Milan		9-23-08	

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
	COMMUNUTOR	-	
	GRIT CHAMBER	IN	Aerated
	DISPOSAL OF GRIT	S	landfill
PRIMARY	SETTLING TANKS	IN	2
	SCUM REMOVAL	IN	
	SLUDGE REMOVAL	IN	
	EFFLUENT	S	grey
SLUDGE DISPOSAL	DIGESTERS	IN	2 aerated
	TEMPERATURE AND PH		
	GAS PRODUCTION		
	HEATING EQUIPMENT		
	SLUDGE PUMPS	IN	
	DRYING BEDS	IN	
	VACUUM FILTER	-	
	DISPOSAL OF SLUDGE	S	land applied by Village
OTHER	FLOW METER AND RECORDER	IN	Influent only
	RECORDS	S	
	LAB CONTROLS	S-	
SECONDARY-TERTIARY (LIST ITEMS AS REQUIRED)	Biological Towers	IN	Tank drain station rebuilt 2 Green Growth on plastic media Distributor assembly rebuilt on west tower
	Final Clarifiers	IN	2 circular, dark color
CHLORINE	EFFLUENT	S	Clear w/ Dark tint - (normal condition)
	CHLORINATORS / Dector	IN	
	EFFECTIVE DOSAGE	S	
	CONTACT TIME	S	
	CONTACT TANK	IN	

ANNUAL BUDGET FOR MAINTAINING AND OPERATING PLANT

SALARIES & WAGES	ELECTRICITY	CHEMICALS	MAINTENANCE	STAFFING & TRAINING	OTHER	TOTAL