



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: Ottawa County  
Village of Genoa  
NPDES Permit

October 27, 2008

Mr. Kevin Gladden, Public Works Director  
Village of Genoa  
102 E. 6<sup>th</sup> Street  
Genoa, OH 43430

Dear Mr. Gladden:

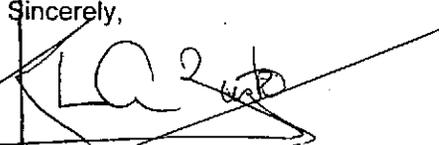
On October 6, 2008, an inspection was made of the wastewater treatment lagoons serving the Village of Genoa. Ms. Ann Scott, from IFM, your contract operator was also present. We reviewed facility operations and inspected the lagoons. At the time of my visit both operation and maintenance appeared very good, and a clear final effluent was observed being discharged following the rock filter.

The 0.600 mgd, four cell, aerated lagoon system currently operates at approximately one-half capacity. NPDES monthly discharge monitoring reports are being received using our new electronic eDMR reporting system. A review indicates only 3 minor violations since 2006, and none thus far in 2008.

Your NPDES permit expires August 31, 2009, and you will be receiving a renewal reminder and applications early next year. You voiced concerns over monitoring frequencies in light of the high degree of treatment the lagoons are providing and compliance history. I recommend documentation, along with a request for reduced monitoring, be submitted with your renewal application, and I will review your request at that time. Once renewed, your permit will remain in effect for another five year period.

We appreciate your efforts in operating and maintaining the lagoons at a high level and look forward to your continuing cooperation in the future. My completed inspection form is enclosed. If there are any errors, or you have any questions, please feel free to call me at (419) 373-3020 or email at [rick.zuzik@epa.state.oh.us](mailto:rick.zuzik@epa.state.oh.us).

Sincerely,



Richard A. Zuzik, MSE  
Division of Surface Water

/lb

pc: Ann Scott- IFM

~~NWDO file~~

**OPERATION AND MAINTENANCE INSPECTOR**  
0.025 to 1.0 MGD

Application No. OH 0021016  
 Ohio Permit No. 2PB00008 \* FD  
 Facility Name Village of Genoa Date 10-6-08 Time 10<sup>00</sup> Am  
 Facility Address Martin - Williston Rd County Ottawa Township Clay  
 City \_\_\_\_\_ Name and Address of Owner Village of Genoa, 102 E. 6th Street  
 Phone \_\_\_\_\_  
 Person Contacted Kevin Gladden, Public Works Director, Ann Scott, IFM Phone (419) 855-7761 ext. 237  
 Flow: Design 600,000 GPD Present 240 - 350,000 GPD (metered) - estimated  
 Trib. Pop. 2250 + Outside areas (actual-estimated) Weather at time of inspection 60° Cloudy  
 OEPA Personnel Bick Zuzik District NW

STORET 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				(c.) CERTIFICATION		TRAINING REQUIRED NEXT 12 MONTHS	
	(b.)		NO. RE-COMMENDED	NO. RECOM-MENDED OR REQUIRED BY STATE	ACTUAL NO. CERTIFIED	NEW HIRES	UPGRADE (Promotion or skill improvement)	
	ACTUAL	NUMBER BUDGETED						MANDATORY
	MANHOURS PER WEEK	NUMBER						
1. MANAGEMENT SUPERVISOR								
2. OPERATOR	10	1						
3. LABORATORY	10	1						
4. MAINTENANCE								
5. OTHER PLANT WORKERS								
6. OTHER OFFICE WORKERS								
7. TOTAL	20	2						

3. PURPOSE OF INSPECTION				4. GENERAL RATING			
<input checked="" type="checkbox"/> GRANT COMPLIANCE <input type="checkbox"/> FOLLOW-UP <input checked="" type="checkbox"/> PERMIT COMPLIANCE <input checked="" type="checkbox"/> OTHER: <u>Pre Permit renewals</u>				ACCEPTABLE		✓	
				CONDITIONAL ACCEPTANCE			
				UNACCEPTABLE			
EVALUATION PERFORMED BY		TITLE		ORGANIZATION		DATE	
<u>Bick Zuzik</u>		<u>ES II</u>		<u>OEPA, NW</u>		<u>10-6-08</u>	
INFORMATION FURNISHED BY		TITLE		ORGANIZATION		DATE	
<u>Kevin Gladden</u>		<u>Public Works Director</u>		<u>Genoa</u>		<u>10-6-08</u>	
<u>Ann Scott</u>		<u>Operator</u>		<u>IFM</u>		<u>10-6-08</u>	

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	Well kept
	BUILDINGS		
	POTABLE WATER SUPPLY PROTECTION		
	SAFETY FEATURES		
	BYPASSES		
	STORMWATER OVERFLOWS		
PRELIMINARY	MAINTENANCE OF COLLECTION SYSTEMS	S	Separate system
	PUMP STATION	IN	4 satellite, 1 main
	VENTILATION		
	BAR SCREEN		
	DISPOSAL OF SCREENINGS		
	COMMINUTOR		
	GRIT CHAMBER		
	DISPOSAL OF GRIT		
PRIMARY	SETTLING TANKS		
	SCUM REMOVAL		
	SLUDGE REMOVAL		
	EFFLUENT		
SLUDGE DISPOSAL	DIGESTERS		
	TEMPERATURE AND PH		
	GAS PRODUCTION		
	HEATING EQUIPMENT		
	SLUDGE PUMPS		
	DRYING BEDS		
	VACUUM FILTER		
	INCINERATION		
OTHER	DISPOSAL OF SLUDGE		
	FLOW METER AND RECORDER	IN	
	RECORDS	S	
	LAB CONTROLS	S	BOD, Temp, Ph, TSS - in house Jones & Henry - Fecals
SECONDARY-TERTIARY (LIST ITEMS AS REQUIRED)	Aerated lagoon	IN	2 Dark Green 8 aerators on pond #1, 6 on #2
	Settling Lagoons	IN	2 Green
	Submerged Rock Filter	IN	
CHLORINE	EFFLUENT	S	Clear
	CHLORINATORS	S	
	EFFECTIVE DOSAGE	S	
	CONTACT TIME	S	
	CONTACT TANK	IN	
	Post Aeration	IN	

ANNUAL BUDGET FOR MAINTAINING AND OPERATING PLANT

SALARIES & WAGES	ELECTRICITY	CHEMICALS	MAINTENANCE	STAFFING & TRAINING	OTHER	TOTAL