



State of Ohio Environmental Protection Agency

Northwest District Office

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www.epa.state.oh.us

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

Re: Richland County
Eastview WWTP
NPDES Permit

December 5, 2007

Mr. Richard Freeman
1740 Fleming Falls Road
Mansfield, Ohio 44903

Dear Mr. Freeman:

On November 15, 2007, an inspection was conducted at the Eastview wastewater treatment plant (WWTP). Ms. Lynn Miller and yourself were present to provide a tour and answer any questions. At the time of the inspection all major treatment units were in operation and appeared to be functioning normally. We discussed the installation of the scrub brush assemblies on the final clarifier tanks. Ms. Miller indicated that having the brushes should help eliminate a significant amount of time spent by operators manually cleaning the weirs. A clear final effluent was being discharged to the creek.

A review of your monthly operating reports for the months of August through October 2007, revealed no violations of the limits contained in your NPDES permit. We are pleased to see that the plant continues to meet the limits in the permit.

The review of the reports did show some problems with the way operating data is being reported. Your permit currently requires that a value for residual chlorine be reported daily from May 1 through October 31. The monthly reports do not show that daily values for this parameter are being reported. We realize that the new plant uses UV disinfection and therefore the need to test for residual chlorine does not exist. In order to correct reporting errors and possible violations for failing to report data for this parameter, you can either choose to submit a permit modification request to eliminate monitoring for residual chlorine, or report AH for every day of the month with a note indicating that the plant uses UV for disinfection.

It was also observed that reporting of the flow rate is an average value for Saturday, Sunday, and Monday. This is most likely due to the fact that the plant is not staffed on the weekends. Most new flow monitoring equipment comes complete with a data logger that can store flow rates for multiple days. In order to achieve the most accurate reporting possible, the flow measuring device at the plant should be checked for this capability, and if installed, the actual daily flows for these individual days should be reported.

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If you have any questions, please give me a call at 419-373-3070.

Sincerely,



Walter Ariss
Environmental Specialist II
Division of Surface Water

/lr

pc: DSW-NWDO File
Richland County Commissioners

OPERATION AND MAINTENANCE INSPECTION
0.025 to 1.0 MGD

Facility Name Eastview WWTP Application No. OH
 Facility Address 1740 Fleming Falls Rd Ohio Permit No. 28400005
 City Mansfield County Richland Date 11/15/07 Time 11:15
 Name and Address of Owner Richland County Commissioners Township Hudson
 Person Contacted Rick Freeman Phone _____
 Flow: Design 900,000 GPD Present ~700,000 GPD (metered - estimated)
 Trib. Pop. _____ (actual-estimated) Weather at time of inspection 40° cloudy
 OEPA Personnel Walter Ariss District NW00

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			X	OVERLOADS (type)			
PERSONNEL TRAINING			X	HYDRAULIC			
OPERATOR BUDGET			X	PERIODIC		X	
LABORATORY CONTROL			X	CONTINUOUS			
INSTRUMENTATION			X	ORGANIC			X
INDUSTRIAL WASTE			X	PERIODIC			
PLANT OBSOLESCENCE			X	CONTINUOUS			
EQUIPMENT FAILURE:				OVERLOAD CAUSES:			
TREATMENT PROCESSES			X	INFILTRATION		X	
SLUDGE HANDLING AND PROCESSING			X	COMBINED SEWERS			
EQUIPMENT MAINTENANCE			X	INDUSTRIAL GROWTH			
SPARE PARTS INVENTORY			X	RAPID POPULATION GROWTH			
POWER FAILURE			X	INCREASED SERVICE AREA			
				OTHER:			
				OTHER:			

2. PLANT PERSONNEL INVENTORY - <i>not evaluated</i>								
PERSONNEL CLASSIFICATION (a.)	EMPLOYMENT (b.)			(c.) CERTIFICATION		TRAINING REQUIRED NEXT 12 MONTHS (d.)		
	ACTUAL		NUMBER BUDGETED	NO. RE-COMMENDED	NO. RECOMMENDED OR REQUIRED BY STATE	ACTUAL NO. CERTIFIED	NEW HIRES	UPGRADE (Promotion or skill improvement)
	MAN-HOURS PER WEEK	NUMBER						
1. MANAGEMENT SUPERVISOR								
2. OPERATOR								
3. LABORATORY								
4. MAINTENANCE								
5. OTHER PLANT WORKERS								
6. OTHER OFFICE WORKERS								
7. TOTAL								

3. PURPOSE OF INSPECTION				4. GENERAL RATING			
<input type="checkbox"/> GRANT COMPLIANCE		<input type="checkbox"/> FOLLOW-UP		ACCEPTABLE		X	
<input checked="" type="checkbox"/> PERMIT COMPLIANCE		<input type="checkbox"/> OTHER:		CONDITIONAL ACCEPTANCE			
UNACCEPTABLE							
EVALUATION PERFORMED BY		TITLE		ORGANIZATION		DATE	
<u>Walter Ariss</u>		<u>ES II</u>		<u>Ohio EPA</u>			
INFORMATION FURNISHED BY		TITLE		ORGANIZATION		DATE	
<u>Rick Freeman</u>		<u>Director</u>		<u>Richland County</u>			
<u>Lynn Miller</u>		<u>Operator</u>		<u>Richland County</u>			

GUIDE - VISUAL OBSERVATION - UNIT PROCESS

RATING CODES: S = Satisfactory; U = Unsatisfactory; M = Marginal; IN = In Operation; OUT = Out of Operation.

NE = not evaluated

	CONDITION OR APPEARANCE	RATING	COMMENTS
GENERAL	GROUNDS	S	
	BUILDINGS	S	
	POTABLE WATER SUPPLY PROTECTION	NE	
	SAFETY FEATURES	S	
	BYPASSES	Out	EQ tanks empty
	STORMWATER OVERFLOWS	-	
PRELIMINARY	MAINTENANCE OF COLLECTION SYSTEMS	NE	
	PUMP STATION	-	
	VENTILATION	S	
	BAR SCREEN	Out	backup to communitar
	DISPOSAL OF SCREENINGS	S	dumpster in screening building
	COMMUNUTOR	In	still having problems with water flowing past screen
	GRIT CHAMBER	In	
	DISPOSAL OF GRIT	S	dumpster in screen building
PRIMARY	SETTLING TANKS		
	SCUM REMOVAL		
	SLUDGE REMOVAL		
	EFFLUENT		
SLUDGE DISPOSAL	DIGESTERS	In	almost full ~ ready to begin hauling
	TEMPERATURE AND PH		
	GAS PRODUCTION	-	
	HEATING EQUIPMENT	-	
	SLUDGE PUMPS	In	returning sludge to outside ring
	DRYING BEDS	Out	
	VACUUM FILTER	-	
	INCINERATION	-	
DISPOSAL OF SLUDGE	S	land application	
OTHER	FLOW METER AND RECORDER	S	
	RECORDS	S	
	LAB CONTROLS	NE	
SECONDARY-TERTIARY (LIST ITEMS AS REQUIRED)	Oxidation Ditches	In	all three rings in use - influent to outside ring
	Secondary clarifiers	In	Very clear - brushes installed to clean weirs
CHECKONE UV	EFFLUENT	S	
	CHLORINATORS	-	
	EFFECTIVE DOSAGE	-	
	CONTACT TIME	-	
	CONTACT TANK	-	
	UV System	Out	stored for winter
	Post Air	Out	not needed - DO is acceptable without

ANNUAL BUDGET FOR MAINTAINING AND OPERATING PLANT

SALARIES & WAGES	ELECTRICITY	CHEMICALS	MAINTENANCE	STAFFING & TRAINING	OTHER	TOTAL