



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
Bowling Green, OH 43402-9398

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www.epa.state.oh.us

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

Re: Ashland County
Bethel Baptist Church
NPDES Permit

August 24, 2007

Pastor John Bouquet
Bethel Baptist Church
P.O. Box 128
Savannah, Ohio 44874

Dear Pastor Bouquet:

On August 16, 2007, an inspection was made of the wastewater treatment facilities serving the Bethel Baptist Church located at 575 U.S. 250 North, Savannah, Ashland County. At the time of the inspection all major treatment components appeared to be in operation and functioning normally.

I observed that several improvements had been made to the plant since my last inspection in 2006. New concrete risers had been installed on the trash trap. It is assumed this was done to prevent surface water from flowing into the tank as had been documented in the past. A new control panel with alarm light appeared to have been installed for the blowers.

Some concerns were noted as follows. The clarifier tank had a large amount of duckweed floating on the surface. The skimmer should be used to return this material to the aeration tanks. It appeared as though a new dechlorination unit had been installed. The tablets in the unit were not placed in a manner the allowed one tablet to fall into place once the one below it had dissolved. Several of the tablets were wedged together in the vertical position. The tablets should be adjusted so they lay horizontal in the feeder tube.

A review of the monthly operating reports submitted to our office for the months of December 2006 through June 2007 revealed only two violations of the limits contained in your NPDES permit. We are pleased to see that the plant runs fairly well, and usually meets permit limits.

Please contact me at 419-373-3070 with any questions.

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

Enclosed

pc: DSW-NWDO
Jim Machin

OHIO ENVIRONMENTAL PROTECTION AGENCY
 OPERATION AND MAINTENANCE INSPECTION
 WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2PR00236

Facility Name Bethel Baptist Church Expiration Date 11/30/2011

Facility Address 575 SR 250 Date _____ Time _____ am/pm

City Sullivan County Ashland Township _____

Name and Address of Owner _____

Person Contacted _____ Owner Phone _____

Flow: Design 4300 GPD Present 21000 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 82° cloudy

OEPA Personnel Walter Aciss District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

2. Effect of effluent on Receiving Stream Name: unnamed trib Vermillion River

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has excellent _____ good _____ fair _____ poor operation
 b. Plant has excellent _____ good _____ fair _____ poor maintenance
 c. Sand filters have excellent _____ good _____ fair _____ poor maintenance

d. Not operating at expected efficiency due to:

- (1) _____ hydraulic overload
 (2) _____ organic/ solids overload
 (3) _____ personnel inefficiency
 (4) _____ equipment failure
 (5) _____ wastes
 (6) _____

Disinfection: (Required May 1 thru Oct.31.)	
IN	OUT
<input checked="" type="checkbox"/>	_____
_____	_____
_____	_____
_____	_____

Chlorination Tablets
 Dechlorination Tablets
 U.V.

Yes No
 4. _____ Compliance with NPDES Permit

Periodic Violations Y N Parameters: NH3
 Chronic Violations _____

5. _____ Adequate plant safety

6. _____ Operation and Maintenance Service Name Jim Machin

Frequency of Visits 1/week

Facility Name: Belhel Baptist Church

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: ? <i>new risers</i>
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	<input checked="" type="checkbox"/>	Plant Timer <u>Y</u> N	Cycle Time:
		Motor/ Blower Unit <i>running</i>	
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <i>good color</i> Adequate Aeration: <u>Y</u> N
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<i>duckweed floating on top</i>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out <u> </u>
	<input checked="" type="checkbox"/>	Surface Skimmer	In <u> </u> Out <input checked="" type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<i>Filters look great</i>
		Polishing Pond	
		Other	
Disinfection	<input checked="" type="checkbox"/>	Chlorine Tube Feeder	<i>ok</i>
	<input checked="" type="checkbox"/>	Dechlorination Tube Feeder	<i>tablets need adjusted so they lay flat</i>
		Ultraviolet (UV)	
Flow Metering?		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	<i>ok</i>
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	