



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

Re: **Notice of Violation**
Ashland County
Bethel Baptist Church
NPDES Permit

May 1, 2013

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

Dear Pastor Bouquet:

On March 28, 2013, an inspection was made of the wastewater treatment facilities serving the Bethel Baptist Church located at 575 U.S. 250 North, Savannah. At the time of the inspection, the treatment plant equipment was operating normally. A few concerns with the operations were noted.

It was noted that the north sand filter bed appeared to have holes or trenches dug into the sand. The sand should remain level so that the entire surface can be used to filter the waste water. This should be corrected. The dechlorination tablet feeder was still full of tablets from the previous chlorination season. These tablets have become saturated and are no longer useful. New tablets will need to be placed in the feeder with the beginning of this year's disinfection season. In the future, tablets should not be left in the feeder over the winter months.

It was also noted that no operational records were available at the treatment plant. It is required that the last three months' of operator logs be kept at the treatment plant for review. This can be done by keeping a clipboard at the treatment plant with the operator's log in a weather proof enclosure; a mailbox would be acceptable. The requirement to keep records at the treatment plant was noted during our previous two inspections. This needs to be corrected immediately.

A review of the discharge monitoring reports submitted to our office for the months of December 2011 through February 2013 revealed several **violations** of the limits contained in your National Pollutant Discharge Elimination System (NPDES) permit. A printout of these **violations** has been enclosed for your review.

Pastor John Bouquet
May 1, 2013
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Your NPDES permit includes a provision for a sign to be posted at the outfall pipe from the waste water plant. Please refer to Part II, Item K on Page 7 of your permit for the requirements of the sign. This sign should have been posted no later than September 1, 2012. Please contact our office once the sign is posted. The language in the permit also requires that vegetation be trimmed back to keep the sign and outfall visible. At the time of the inspection, the outfall pipe was overgrown with brush. This will need to be trimmed back.

Please inform this office in writing, within 10 days, as to the reasons for the above referenced violations, as well as a description of the actions that will be taken to return to compliance. Your response should include dates, either actual or proposed, for completion of the actions.

If you have any questions, please contact me at 419-373-3070.

Sincerely,



Walter Ariss , P.E.
Environmental Specialist II
Division of Surface Water

/jim

Enclosures

pc: Jim Machin

ec: Tracking

Get New Data

Bethel Baptist Church NPDES permit limit violations December 2011 through February 2013

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00236*BD	February 2013	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	5.22	2/1/2013
2PR00236*BD	February 2013	001	80082	CBOD 5 day	30D Conc	10.0	16.	2/1/2013
2PR00236*BD	February 2013	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	5.22	2/22/2013
2PR00236*BD	February 2013	001	80082	CBOD 5 day	7D Conc	15.0	16.	2/22/2013

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION
 WWTP'S LESS THAN 150,000 GPD

NPDES Permit No. 2PR00036

Facility Name Bethel Baptist Church Expiration Date 4/30/17

Facility Location 575 SR 250 Date 3/28/13 Time 1:45 am pm

City Savannah County Ashland Township _____

Name of Owner _____ Owner Phone _____

Person Contacted _____ Operator of Record Jim Machin

Flow: Design 4,300 GPD WWTP Classification: XA or I

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 38° clouds

OEPA Personnel Walter Aris District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	Turbidity	Odor	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: unroad Aris Vermillion River

No.	Severity Description	Turbidity	Odor	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- N/A
 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"/>	<input checked="" type="checkbox"/>
_____	_____

Chlorination Tablets
 Dechlorination Tablets
 Ultraviolet (U.V.)

Yes No

4. Compliance with NPDES Permit

Periodic Violations Y _____ N Parameters: NH₃, BOD

Chronic Violations _____

5. O & M logbook kept and available on site: Location _____

6. Staffing Requirement Met (Class A - 2 days per week for minimum 1 hour per week)
 (Class I - 3 days per week for minimum 1.5 hours per week)

7. Adequate Plant Safety: Deficiencies None

Facility Name: Bethel Baptist

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	X	Trash Trap	Pumping Frequency ?
		Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	X	Plant Timer <u>Y</u> X N	Cycle Time:
		Motor / Blower Unit <u>running</u>	
Secondary Treatment	X	Aeration Tank	Color: <u>good color</u> Adequate Aeration <u>Y</u> N <u>good clarity, some scum on top</u>
Final Settling	X	Clarifier	
	X	Sludge Return	In <u>X</u> Out
	X	Surface Skimmer	In <u>X</u> Out
		Fixed Media Clarifier	
Tertiary Treatment	X	Surface Sand Filter <u>sand needs leveled</u>	<u>north sand filter has holes + trenches dug in it</u>
		Polishing Pond	
		Other	
Disinfection	X	Contact Tank	<u>okay</u>
	X	Chlorine Tube Feeder	<u>okay</u>
	X	Dechlorination Tube Feeder <u>need to remove</u>	<u>tablets left from last year</u>
		Ultraviolet (UV)	
Flow Metering	X	Elapsed Pump Time <u>recommend hour meters on dosing pumps</u>	X
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	X	Sand Filter Effluent Dosing	<u>okay</u>
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal <u>none</u>	X	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment <u>none</u>		Post Aeration	
		Spray Irrigation	
		Other	

Need out fall sign + need to cut back brush