



Environmental
Protection Agency

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

Re: Sandusky County
Fremont Baptist Temple
Sewerage

October 18, 2011

Pastor Gary Click
Fremont Baptist Temple
1150 South County Road 198
Fremont, Ohio 43420

Dear Pastor Click:

On September 8, 2011, an inspection was made of the wastewater treatment plant (WWTP) which serves Fremont Baptist Temple. The following observations and recommendations were made:

1. The aeration tanks were in operation at the time of the inspection. The contents of the tanks appeared weak in color. This could be due to inadequate solids being routed back to the aeration tanks from the clarifier (see #2)
2. The sludge return in the north half of the clarifier was not operational. It is noted in our letter dated 12/23/2010, that this sludge return was not operational during the previous inspection. The sludge return should be repaired and returned to operation promptly. The clarifier hopper walls should be scraped down once per day to increase the solids returned.
3. The south sludge return and skimmer were operational.
4. Weed growth within the fenced area, on the tank covers and on the effluent weir inside the tank, indicate that the clarifier hopper walls and WWTP is not being adequately maintained (see #2 above).
5. A disinfection tank has been installed. The voids next to the disinfection tank need to be filled in. The area around the disinfection tank needs to be contoured to drain surface water away from the tank and seeded for erosion control.
6. Disinfection (chlorination & de-chlorination) is to be provided from May through October. It is noted that the disinfection tank was installed this summer.

7. The outlet pipe into the receiving stream was not visible. The area around the discharge pipe to the receiving stream (after disinfection tank) needs to be cleared and marked as this is the appropriate location to obtain the required samples.
8. Again it is noted that the required quarterly sampling of the effluent discharge is to be obtained during "discharge". Better planning needs to be made to obtain appropriate sample(s) during discharge, most likely to occur during business hours.
9. Flow Monitoring - Acceptable methods for estimating daily flow are: elapsed time meters on influent pumps, or water use records.
10. Pictures taken at the time of the inspection are enclosed.

Operator Log Requirements

Required record keeping and documentation at the facility must be implemented immediately. A log book must be developed to keep an up to date record for wastewater system operations and maintenance, which contains at a minimum, the following information:

- Identification of the sewerage system, or treatment works;
- date and times of arrival and departure for the operator of record;
- specific operation and maintenance activities that affect or have the potential to affect the quality or quantity of sewage received and/or effluent produced;
- results of tests performed and samples taken, unless documented on a laboratory bench sheet;
- performance of preventative maintenance and repairs or requests for repair of the equipment that affect or have the potential to affect the quality or quantity of sewage conveyed, effluent produced;
- and identification of the persons making entries.

The records must be kept up to date, contain a minimum of three months data at all times, and be maintained on site for at least three years.

Operator of Record (ORC) (NPDES permit 2PR00206* BD, Part II, A. 1.a, 2.a. & 2. b.) Ohio Administrative Code (OAC) Rule 3745-7-02(A) requires "Each person owning or operating a treatment works or sewerage system ... shall designate one or more operator of record to oversee the technical operation of the treatment works, sewerage system or each wastewater treatment facility."

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Each operator of record shall have a valid certification of a class equal to or greater than the classification of the treatment works, sewerage system or wastewater treatment facility. Notification shall be made on a form acceptable to the director..."

If you have an appropriately certified ORC, please complete the attached ORC Notification Form and fax it to (614) 644-2745 or send via email to daniel.kopec@epa.state.oh.us . If you do not have an appropriately certified ORC, please hire/appoint an appropriately certified operator and submit the ORC Notification Form, also available at: http://epa.ohio.gov/portals/28/documents/opcert/Operator_of_Record_Notification_Form.pdf

OAC Chapter 3745-7-09: Operator Certification for Public Water Systems and Wastewater Treatment Works is available at: <http://www.epa.ohio.gov/ddagw/rules.aspx>.

Outfall Marker

Please confirm that a permanent marker has been placed on the stream bank at the outfall as indicated in the National Pollutant Discharge Elimination System (NPDES) permit Part II, item "J."

E-DMR – NOV

A review of your monthly discharge monitoring reports (DMRs) has also been conducted. A list of permit violations (November 2010 thru August 2011) is enclosed.

Required repairs as indicated above should be made as soon as possible. Failure to properly operate and maintain the WWTP, and submit the required DMRs can be cause for escalated enforcement action that may include penalties.

If there are any questions, please contact me at 419-373-3014.

Yours truly,


Mary Beth Cohen
Division of Surface Water

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pc: Sandusky County Health Department
DSW-NWDO file 3

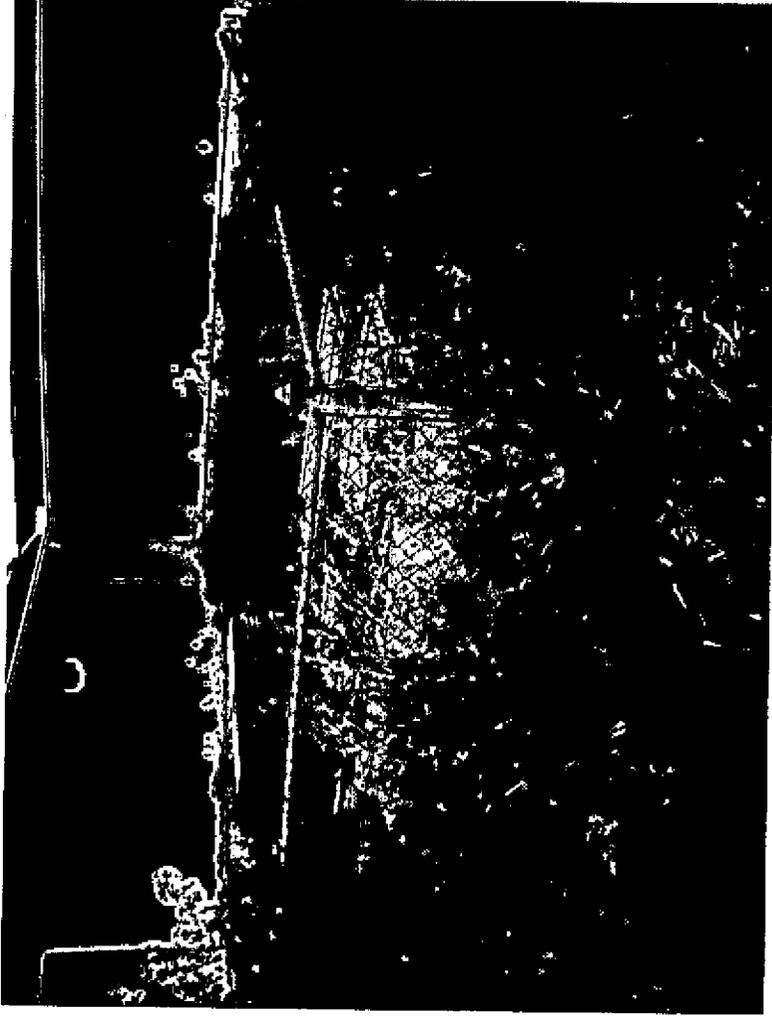
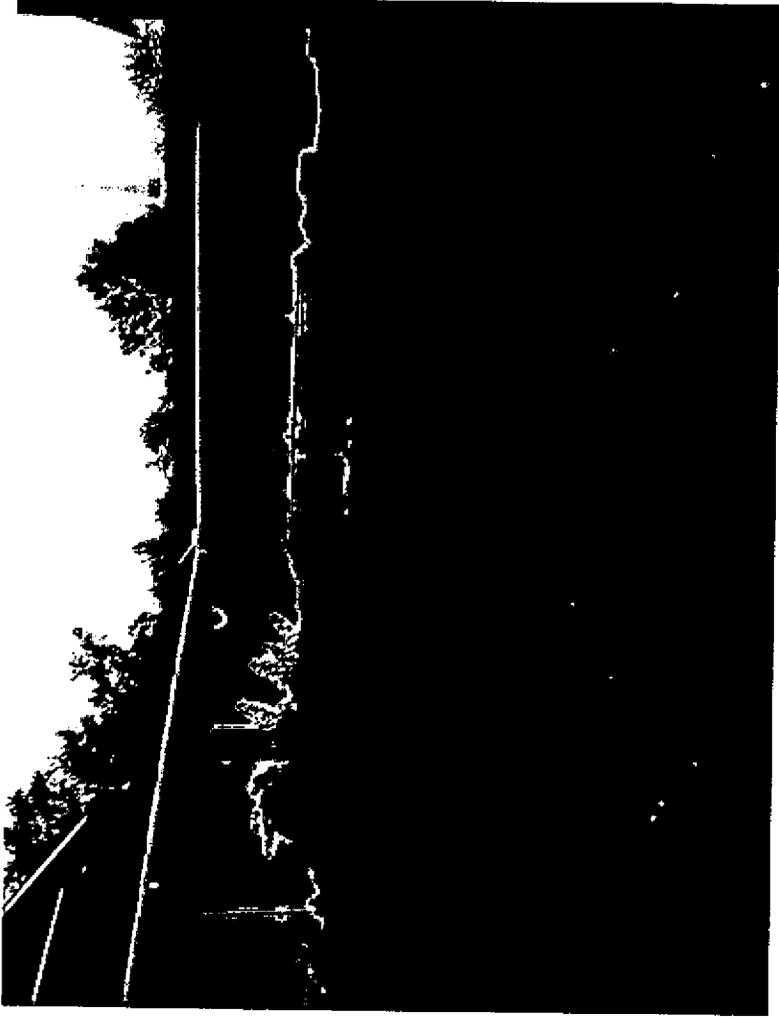
Fremont Baptist Temple 2PR00206

Limit Violation Outfall 001 (11/01/2010 - 08/31/2011)

Reporting Period	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
December 2010	00530	Total Suspended Solids	30D Conc	12	28.	12/1/2010
December 2010	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	22.	12/1/2010
December 2010	00530	Total Suspended Solids	1D Conc	18	28.	12/21/2010
December 2010	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	22.	12/21/2010
December 2010	00400	pH	1D Conc	6.5	6.02	12/21/2010
March 2011	00530	Total Suspended Solids	30D Conc	12	24.	3/1/2011
March 2011	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	52.3	3/1/2011
March 2011	00610	Nitrogen, Ammonia (NH3	30D Qty	0.0909	.09106	3/1/2011
March 2011	00530	Total Suspended Solids	1D Conc	18	24.	3/24/2011
March 2011	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	52.3	3/24/2011
June 2011	00530	Total Suspended Solids	30D Conc	12.0	21.	6/1/2011
June 2011	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	3.17	6/1/2011
June 2011	00530	Total Suspended Solids	7D Conc	18.0	21.	6/22/2011
June 2011	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	3.17	6/22/2011
June 2011	00400	pH	1D Conc	6.5	6.3	6/28/2011
June 2011	00300	Dissolved Oxygen	1D Conc	6.0	4.5	6/28/2011
June 2011	31648	E. coli	1D Conc	362	AH	6/28/2011
June 2011	50060	Chlorine, Total Residual	1D Conc	0.019	AH	6/28/2011
August 2011	00530	Total Suspended Solids	30D Conc	12.0	18.	8/1/2011
August 2011	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	1.05	8/1/2011
August 2011	00300	Dissolved Oxygen	1D Conc	6.0	5.5	8/25/2011
August 2011	31648	E. coli	1D Conc	362	AK	8/25/2011
August 2011	50060	Chlorine, Total Residual	1D Conc	0.019	AH	8/25/2011

Fremont Baptist Temple WWTP, Sandusky Co.
taken by M.B.Cohen, 09/08/2011

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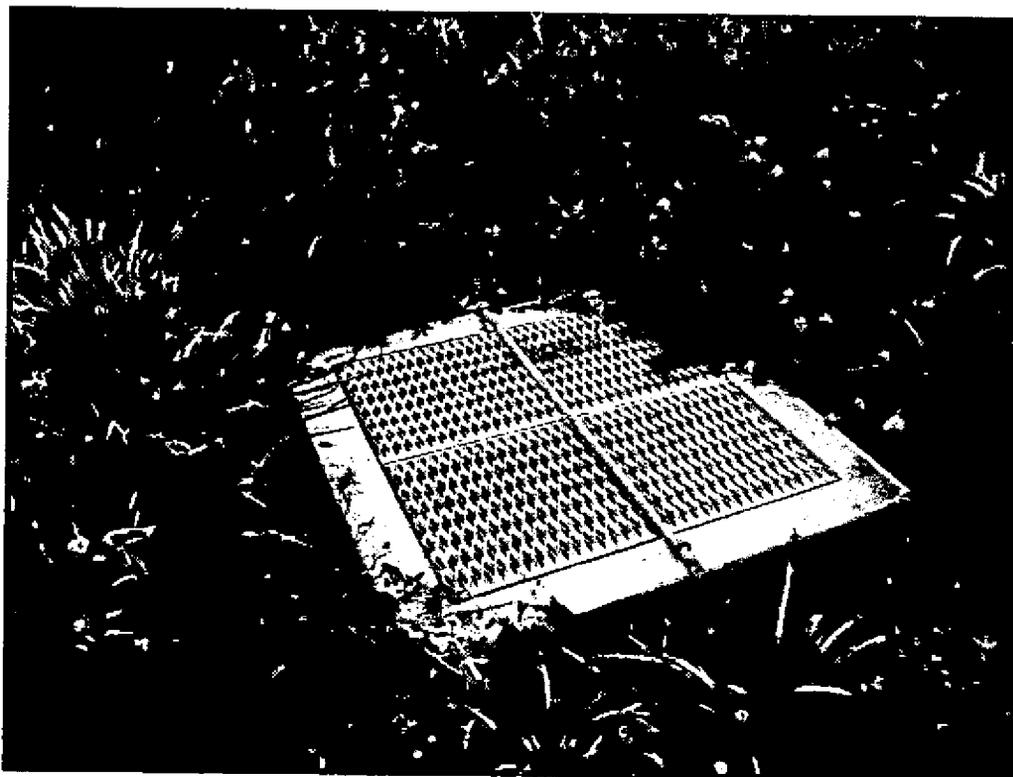
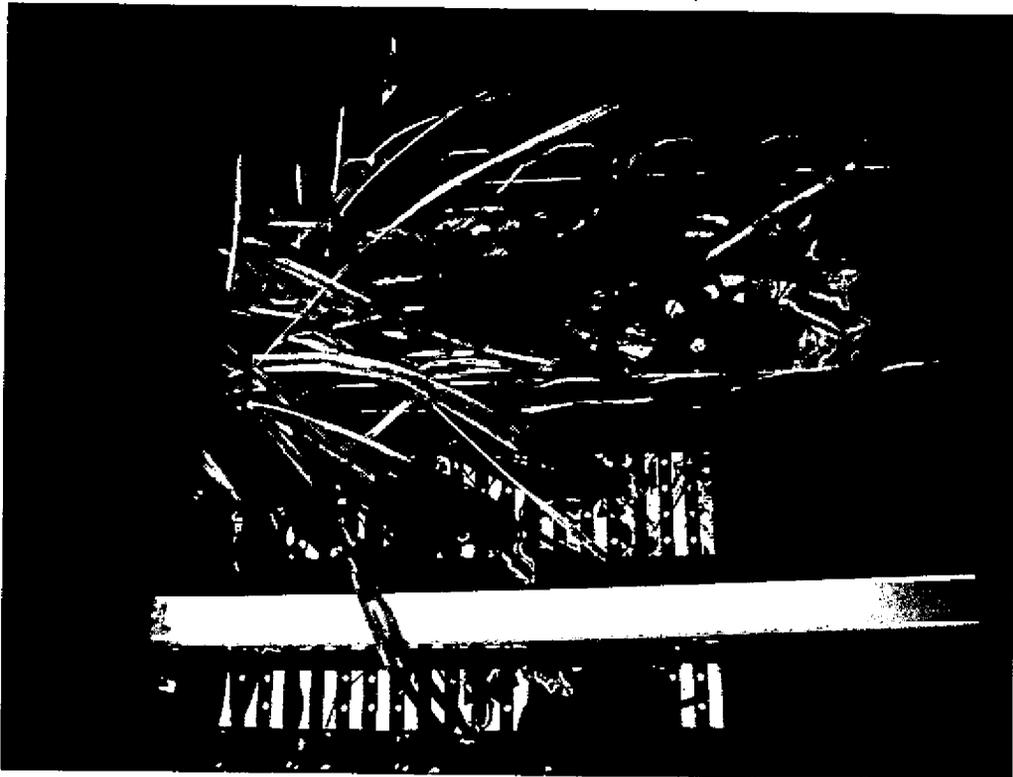


Weeds around plant / weeds growing in clarifier tank effluent weir





Weeds growing in effluent weir of clarifier tank / Newly installed disinfection tank (below)





Chlorination / De-chlorination in disinfection tank





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Area around new disinfection tank needs to be contoured to drain surface water away from the tank and seeded for erosion control.





