



State of Ohio Environmental Protection Agency

Northeast District Office

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

November 10, 2008

RE: MAHONING COUNTY
SPRINGFIELD TOWNSHIP
3649 EAST GARFIELD ROAD
NPDES PERMIT NO. 3PR00291

Mr. Mathew Beil
Trustees Chairman
New Springfield Church of God
P.O. Box 57
New Springfield, OH 44442

Dear Mr. Beil:

On October 21, 2008, this writer conducted an unannounced Compliance Evaluation Inspection (CEI) of the wastewater treatment system. Following are comments regarding the treatment system at the time of the inspection.

Both blowers were operational; however, the air filter on the east blower appeared to be broken and in need of repair. The air supplied to the aeration tank provides good mixing. The blowers are on a timer.

1. The aeration tank appeared to have a light mixed liquor. The return sludge from the clarifier had no color.
2. The clarifier trough and weirs were clean and the skimmer was working to return any scum to the aeration tank.
3. The filters were satisfactory. There appeared to be a slight amount of sludge residue on the east filter.
4. Disinfection tablets were in place along with the de-chlorination tablets.

Compliance Review

A review of the compliance records for the New Springfield Church of God was completed as part of this inspection. The period of review was February 2007 through August 2008. Following are violations of the NPDES Permit identified for the review period.

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
March 2007	Nitrogen, Ammonia (NH3)	1D Conc	4.5	54.2	3/27/2007
March 2007	Nitrogen, Ammonia (NH3)	1D Conc	1.5	54.2	3/27/2007
March 2007	Nitrogen, Ammonia (NH3)	30D Conc	1.0	54.2	3/1/2007
March 2007	Nitrogen, Ammonia (NH3)	30D Conc	3.0	54.2	3/1/2007
March 2007	Nitrogen, Ammonia (NH3)	1D Qty	0.05	.05354	3/27/2007
March 2007	Nitrogen, Ammonia (NH3)	1D Qty	0.02	.05354	3/27/2007
March 2007	Nitrogen, Ammonia (NH3)	30D Qty	0.03	.05354	3/1/2007
March 2007	Nitrogen, Ammonia (NH3)	30D Qty	0.01	.05354	3/1/2007

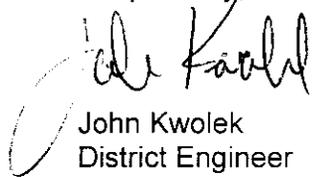
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Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
March 2007	CBOD 5 day	30D Conc	10.0	13.	3/1/2007
March 2007	Dissolved Oxygen	1D Conc	6.0	3.3	3/27/2007
June 2007	Nitrogen, Ammonia (NH3)	1D Conc	1.5	3.54	6/14/2007
June 2007	Nitrogen, Ammonia (NH3)	30D Conc	1.0	3.54	6/1/2007
June 2007	Dissolved Oxygen	1D Conc	6.0	3.5	6/14/2007
March 2008	Nitrogen, Ammonia (NH3)	1D Conc	1.5	1.6	3/20/2008
March 2008	Nitrogen, Ammonia (NH3)	30D Conc	1.0	1.6	3/1/2008
June 2008	Total Suspended Solids	30D Conc	12.0	14.	6/1/2008
December 2007	Total Suspended Solids	1D Conc	18.0	20.	12/23/2007
December 2007	Total Suspended Solids	30D Conc	12.0	18.	12/1/2007
December 2007	Total Suspended Solids	1D Qty	0.20	.2271	12/23/2007
December 2007	Total Suspended Solids	30D Qty	0.14	.20439	12/1/2007
December 2007	Nitrogen, Ammonia (NH3)	1D Conc	4.5	21.2	12/6/2007
December 2007	Nitrogen, Ammonia (NH3)	30D Conc	3.0	11.56	12/1/2007
December 2007	Nitrogen, Ammonia (NH3)	1D Qty	0.05	.24073	12/6/2007
December 2007	Nitrogen, Ammonia (NH3)	30D Qty	0.03	.13126	12/1/2007
December 2007	CBOD 5 day	1D Conc	15.0	26.	12/23/2007
December 2007	CBOD 5 day	30D Conc	10.0	15.8	12/1/2007
December 2007	CBOD 5 day	1D Qty	0.17	.29523	12/23/2007
December 2007	CBOD 5 day	30D Qty	0.11	.17941	12/1/2007
August 2007	Nitrogen, Ammonia (NH3)	1D Conc	1.5	4.26	8/2/2007
August 2007	Nitrogen, Ammonia (NH3)	30D Conc	1.0	4.26	8/1/2007
August 2007	Dissolved Oxygen	1D Conc	6.0	5.2	8/2/2007

As previously stated, the church must come into consistent compliance with the NPDES Permit. It is understood that the New Springfield Church of God intends to abandon the treatment system and connect directly to the new Petersburg sanitary sewers by the end of 2008. This is expected to occur once the Mahoning Landfill connects the landfill leachate system to the sanitary sewers.

You may contact this office at (330) 963-1251 to discuss any questions you may have.

Respectfully,



John Kwolek
 District Engineer
 Division of Surface Water

JK/mt

cc: Joe Mansky, Mahoning County Department of Health

File: Semipublic/Mahoning Co./Springfield Twp./New Springfield Church of God