



**Environmental
Protection Agency**

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director



1PZ0006220100420

HAMILTON SAINT ILIJA MACADONIAN CHURCH

WARE, MAUREEN 2010/04/20



Environmental
Protection Agency

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korieski, Director

File: Hamilton
St. Mija Church
Sewerage

May 11, 2010

Macedonian Orthodox Church
P. O. Box 53595
Cincinnati, Ohio 45239

RE: Compliance Evaluation Inspection (CEI)
Macedonian Orthodox Church WWTP
Permit Number 1PZ00062

Ladies and Gentlemen:

On April 16, 2010, I conducted a Compliance Evaluation Inspection at the Macedonian Orthodox Church Wastewater Treatment Plant (WWTP). A copy of the inspection report is enclosed.

Because the typical flows for the WWTP are around 360 GPD, it is recommended that the Macedonian Orthodox Church investigate the potential for using an on-site sewage disposal system instead of a discharging WWTP. Using an on-site sewage disposal system would negate the need for an NPDES permit, and thus the potential for future enforcement actions due to permit violations.

Although there were violations of the NPDES permit limits, no notification was provided to Ohio EPA for the violations. Notification of NPDES permit violations are required by law. A fact sheet regarding violation notification can be found at:

http://www.epa.state.oh.us/portals/35/permits/24-hour_Report_FactSheet.pdf

The reporting form for daily maximum violations can be found at:

http://www.epa.state.oh.us/portals/35/permits/24-hour_reporting_Form4499_limits.doc

The reporting form for weekly and/or monthly violations can be found at:

http://www.epa.state.oh.us/portals/35/permits/24-hour_reporting_Form4498_bypasses.doc

I would appreciate being copied on any emailed violation notifications. My email address is maureen.ware@epa.state.oh.us

Macedonian Orthodox Church
May 11, 2010
Page 2

At the time of the inspection, it was not clear if the WWTP had chlorination and dechlorination facilities. Given that the disinfection season is less than two weeks away, and that chlorine violations have occurred as recently as August 2009, please indicate how chlorination and dechlorination occurs at the Macedonian Orthodox Church WWTP.

In addition, no Operator of Record form has been submitted to Ohio EPA for the Macedonian Orthodox Church WWTP. An Operator of Record form must be submitted to Ohio EPA. The form can be found at:

http://www.epa.state.oh.us/portals/35/opcert/Operator_of_Record_Notification_Form.pdf

If you have any questions or comments concerning the contents of this letter, please feel free to contact me at (937) 285-6103.

Sincerely,



Maureen M. Ware
Division of Surface Water

MMW/mab

Permit #: 1PZ00062
 NPDES #: OH0118320

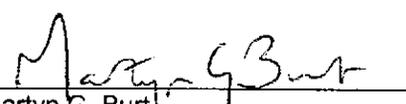


State of Ohio Environmental Protection Agency
 Southwest District Office

NPDES Compliance Inspection Report
 Semi-Public Sewage Disposal Inspection Form

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1PZ00062	OH0118320	4/16/2010	C	S	2

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
St. Ilija Macadonian Church 8465 Wuest Road Cincinnati, Ohio 45247	12:50PM	10/1/2007
	Exit Time	Permit Expiration Date
	1:20PM	9/30/2012
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
Name, Address and Title of Responsible Official	Phone Number	
Blaze Toleski, President St. Ilija Macadonian Church 8465 Wuest Rd. Cincinnati, Ohio 45247		

Ohio EPA Inspector	Ohio EPA Reviewer
 Maureen M. Ware Division of Surface Water Southwest District Office	 Martyn G. Burt Environmental Supervisor Division of Surface Water Southwest District Office
Date: 4/20/10	Date: 4/20/2010

Average Daily Design Flow:	1500 Gallons/Day
Plant Serves:	Church
Average Daily Flow: (Period of Review):	360 Gallons/Day (4/2007-02/2010)
Method of flow monitoring:	estimate
Type of alarms for plant:	none

Pretreatment

Type of Pretreatment: **Trash Trap**
 Does the Trash Trap need pumped: **unknown**
 Maintenance of pretreatment components is: **unknown**

Comments/Status:

The gate was unlocked. It is recommended that a lock be placed on the gate.

**Secondary Treatment
(Aeration)**

Color of sludge: **Medium Brown**
 Quality of Sludge: **Heavy**
 Foam: **None present**
 Odor: **No objectionable odor present**

	Yes	No		Yes	No
Aeration is taking place	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plant is septic	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Blowers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Blowers are on a timer	<input type="checkbox"/>	<input type="checkbox"/>
Skimmers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plant is flooded	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Diffusers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Grating is present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sludge return is operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>			

Maintenance of aerating equipment is...**Good**

Comments/Status:

**Secondary Treatment
(Settling)**

Clarity: **Clear**
 Condition of Weir: **Excessive Algae/Solids Build Up**
 Weir is level: **Yes**

Permit #: 1PZ00062
NPDES #: OH0118320

Effluent in weir: **Clear**
Clarifier walls need scraped: **Yes**

Overall maintenance of settling components is: **Fair**

Comments/Status:

The sludge blanket appeared to be just inches below the surface. The weirs had sludge present in them.

Tertiary Treatment

	Yes	No		Yes	No
Surface sand Filters: Slow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Subsurface	<input type="checkbox"/>	<input type="checkbox"/>
Distribution box operating	<input type="checkbox"/>	<input type="checkbox"/>	Beds alternated	<input type="checkbox"/>	<input type="checkbox"/>
Are filters ponding/flooding	<input type="checkbox"/>	<input type="checkbox"/>	Beds raked	<input type="checkbox"/>	<input type="checkbox"/>
Sand filters overgrown	<input type="checkbox"/>	<input type="checkbox"/>	Chlorination present	<input type="checkbox"/>	<input type="checkbox"/>
UV present	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dechlorination present	<input type="checkbox"/>	<input type="checkbox"/>

Overall maintenance of components is: **Fair**

Comments/Status:

Filter is a gravel upflow filter.

Sludge Handling/Storage Disposal

Hauler name:
Disposal Site:
Sludge wasted from:
How often is sludge wasted: **Unknown**
Sludge drying beds: **No** Sludge holding tank: **No**

Overall maintenance of components is: **N/A**

Comments/Status:

Plant Discharge

Discharge point is a: **Stream**
Name of discharge point: **Unnamed tributary of Blue Rock Creek**
Discharge is visible: **Unknown** Quality of Effluent: **Unknown**

Comments/Status:

Effluent looked clear going out from the filter. No one was present at the Church to show where the discharge is located, and no apparent discharge point could be seen.

EFFLUENT LIMIT VIOLATIONS
(Period of Review:10/2007-02/2010)

7D = Weekly 30D = Monthly 1D = Daily Conc. = Concentration (mg/l) Qty. = Quantity
(Kg/Day)

<u>Month Reported</u>	<u>Parameter</u>	<u>Frequency / Units</u>	<u>Limit</u>	<u>Value</u>
June 2008	Chlorine, Total Resid.	1 D Conc.	0.019	0.21
August 2008	Chlorine, Total Resid.	1 D Conc.	0.019	0.18
June 2009	Chlorine, Total Resid.	1 D Conc.	0.019	0.29
August 2009	Chlorine, Total Resid.	1 D Conc.	0.019	0.37