

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SFTF

**NPDES PERMIT FACT SHEET  
INDIVIDUAL SFTF/SRSTP**

Application No. PA0223131  
APS ID 1060402  
Authorization ID 1391085

**Applicant, Facility and Project Information**

Applicant Name	<u>Living Church International</u>	Facility Name	<u>Living Church International</u>
Applicant Address	<u>59 West Penn Street</u> <u>Summerville, PA 15864</u>	Facility Address	<u>1087 Pine Run Road</u> <u>Fairmount City, PA 16224</u>
Applicant Contact	<u>David Shay</u> <u>(pastordavidshay@gmail.com)</u>	Facility Contact	<u>David Shay</u> <u>(pastordavidshay@gmail.com)</u>
Applicant Phone	<u>(814) 856-3500, ext. 300</u>	Facility Phone	<u>(814) 856-3500, ext. 300</u>
Client ID	<u>145131</u>	Site ID	<u>531995</u>
SIC Code	<u>4952, 8661</u>	Municipality	<u>Redbank Township</u>
SIC Description	<u>Services - Religious Organizations</u> <u>Trans. &amp; Utilities - Sewerage Systems</u>	County	<u>Clarion</u>
Date Application Received	<u>April 1, 2022</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>April 6, 2022</u>	WQM App. No.	<u>-</u>
Project Description	<u>NPDES Permit renewal for an existing discharge of treated sanitary wastewater from a Small Flow Treatment Facility (SFTF).</u>		

**Summary of Review**

Act 14 - Proof of Notification was submitted and received.

A Part II Water Quality Management permit is not required at this time.

The applicant should be able to meet the limits of this permit, which will protect the uses of the receiving stream.

I. OTHER REQUIREMENTS:

A. AMRs	F. Stormwater into sewers
B. DMRs	G. Right of way
C. Depth of Septage and Scum Measurement	H. Solids handling
D. Septic Tank Pumping	I. Public Sewerage Availability
E. Effluent Chlorine Optimization and Minimization	

SPECIAL CONDITIONS: None.

Permitted treatment consists of: A septic tank, sand filter, and tablet chlorine disinfection with a contact tank.  
(WQM Permit no. 1601401)

There are no open violations in efacts associated with the subject Client ID (145131) as of 3/1/2023. *3/29/2023 CWY*

Approve	Deny	Signatures	Date
X		Stephen A. McCauley Stephen A. McCauley, E.I.T. / Environmental Engineering Specialist	3/1/2023
X		Chad W. Yurisc Chad W. Yurisc, P.E. / Environmental Engineer Manager	3/30/2023

**Discharge, Receiving Waters and Water Supply Information**

Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.002</u>
Latitude	<u>41° 3' 21.25"</u>	Longitude	<u>79° 15' 13.00"</u>
Quad Name	<u>-</u>	Quad Code	<u>-</u>

Wastewater Description: Sewage Effluent

Receiving Waters	<u>Unnamed Tributary to the Pine Creek (CWF)</u>	Stream Code	<u>N/A</u>
NHD Com ID	<u>123862766</u>	RMI	<u>N/A</u>
Drainage Area	<u>1.122</u>	Yield (cfs/mi <sup>2</sup> )	<u>0.054</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0.061</u>	Q <sub>7-10</sub> Basis	<u>calculated</u>
Elevation (ft)	<u>1210</u>	Slope (ft/ft)	<u>0.0271</u>
Watershed No.	<u>17-C</u>	Chapter 93 Class.	<u>CWF</u>
Existing Use	<u>-</u>	Existing Use Qualifier	<u>-</u>
Exceptions to Use	<u>-</u>	Exceptions to Criteria	<u>-</u>

Assessment Status Attaining Use(s)

Cause(s) of Impairment -

Source(s) of Impairment -

TMDL Status - Name -

Background/Ambient Data		Data Source
pH (SU)	<u>-</u>	<u>-</u>
Temperature (°F)	<u>-</u>	<u>-</u>
Hardness (mg/L)	<u>-</u>	<u>-</u>
Other:	<u>-</u>	<u>-</u>

Nearest Downstream Public Water Supply Intake	<u>Hawthorn Redbank Municipal Authority</u>
PWS Waters	<u>Redbank Creek</u>
	Flow at Intake (cfs) <u>25.3</u>
PWS RMI	<u>27.9</u>
	Distance from Outfall (mi) <u>3.7</u>

**Proposed Effluent Limitations and Monitoring Requirements**

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the “NPDES Permit Writer’s Manual” (362-0400-001), SOPs and/or BPJ.

*The previous renewal reclassified the facility as an SFTF. Effluent limits and monitoring frequencies have been carried over from the previous permit in accordance with the Department’s SOP for new and reissuance small flow treatment facility individual NPDES permit applications. Limits may be carried over for existing facilities permitted prior to the publication of the Small Flow Treatment Facilities Manual when such facilities are not capable of meeting tertiary limits and have no documented compliance concerns. CWY*

**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/month	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/month	Grab
TRC	XXX	XXX	XXX	0.5	XXX	1.6	1/month	Grab
CBOD5	XXX	XXX	XXX	25.0	XXX	50.0	1/month	Grab
TSS	XXX	XXX	XXX	30.0	XXX	60.0	1/month	Grab
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2000 Geo Mean	XXX	10000	1/month	Grab
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	1000	1/month	Grab

Compliance Sampling Location: Outfall 001, after disinfection.

Flow is monitor only based on Chapter 92a.61. The limits for pH are technology-based on Chapter 93.7. The limits for Total Residual Chlorine, CBOD5, Total Suspended Solids, and Fecal Coliform are technology-based on Chapter 92a.47.