STATE OF MISSOURI

DEPARTMENT OF NATURAL RESOURCES

MISSOURI CLEAN WATER COMMISSION



CONSTRUCTION PERMIT

The Missouri Department of Natural Resources hereby issues a permit to:

Jerry Thornsberry, Deacon First Baptist Church of Swedeborg 26844 Apple Street Richland, MO 65556

for the construction of (described facilities):

See attached.

Permit Conditions:

See attached.

Construction of such proposed facilities shall be in accordance with the provisions of the Missouri Clean Water Law, Chapter 644, RSMo, and regulation promulgated thereunder, or this permit may be revoked by the Department of Natural Resources (Department).

As the Department does not examine structural features of design or the efficiency of mechanical equipment, the issuance of this permit does not include approval of these features.

A representative of the Department may inspect the work covered by this permit during construction. Issuance of a permit to operate by the Department will be contingent on the work substantially adhering to the approved plans and specifications.

This permit applies only to the construction of water pollution control components; it does not apply to other environmentally regulated areas.

July 25, 2022 Effective Date

July 24, 2024 **Expiration Date**

Chris Wieberg, Director, Water Protection Program

CONSTRUCTION PERMIT

I. CONSTRUCTION DESCRIPTION

Construction shall include a 2,720-ft subsurface drip distribution system, with a 4,000-gallon concrete flow equalization tank, a 1,000-gallon three-cell concrete aeration pretreatment system, a 750-gallon pump tank, and an automatic headworks box with two-inch BioDisk filter. The project will also include addition of approximately eight inches of top soil and a curtain drain.

This project will also include general site work appropriate to the scope and purpose of the project and all necessary appurtenances to make a complete and usable wastewater treatment facility.

II. COST ANALYSIS FOR COMPLIANCE

The Department is not required to complete a cost analysis for compliance because the facility is not a combined or separate sanitary sewer system for a publically-owned treatment works.

III. CONSTRUCTION PERMIT CONDITIONS

The permittee is authorized to construct subject to the following conditions:

- 1. This construction permit does not authorize discharge.
- 2. All construction shall be consistent with plans and specifications signed and sealed by Terris Cates, P.E., with Integrity Engineering, Inc., and as described in this permit.
- 3. The Department must be contacted in writing prior to making any changes to the plans and specifications that would directly or indirectly have an impact on the capacity, flow, system layout, or reliability of the proposed wastewater treatment facilities or any design parameter that is addressed by 10 CSR 20-8, in accordance with 10 CSR 20-8.110(11).
- 4. State and federal law does not permit bypassing of raw wastewater, therefore steps must be taken to ensure that raw wastewater does not discharge during construction. If a sanitary sewer overflow or bypass occurs, report the appropriate information to the Department's Central Field Operations per 10 CSR 20-7.015(9)(G).
- 5. The completed project shall be field tested to verify actual pumped volume of each dose. The timer controls shall be set to ensure a dosing rate not to exceed the allowable rate of 0.15 gallons per day per square foot.
- 6. The wastewater treatment facility shall be located at least ten feet (10') from the property line per 10 CSR 20-8.200(7)(A)1.

- 7. The wastewater facility structures, electrical equipment, and mechanical equipment shall be protected from physical damage by not less than the one hundred (100)-year flood elevation per 10 CSR 20-8.140(2)(B). The minimum distance between wastewater treatment facilities and all potable water sources shall be at least three hundred feet (300') per 10 CSR 20-8.140(2)(C)1.
- 8. In addition to the requirements for a construction permit, 10 CSR 20-6.200 requires land disturbance activities of 1 acre or more to obtain a Missouri state operating permit to discharge stormwater. The permit requires best management practices sufficient to control runoff and sedimentation to protect waters of the state. Land disturbance permits will only be obtained by means of the Department's ePermitting system available online at https://dnr.mo.gov/data-e-services/missouri-gateway-environmental-management-mogem. See https://dnr.mo.gov/data-e-services/water/electronic-permitting-epermitting for more information.
- 9. A United States Army Corps of Engineers (USACE) Clean Water Act Section 404 Department of the Army permit and a Section 401 Water Quality Certification issued by the Department may be required for the activities described in this permit. This permit is not valid until these requirements are satisfied or notification is provided that no Section 404 permit is required by the USACE. You must contact your local USACE district since they determine what waters are jurisdictional and which permitting requirements may apply. You may call the Department's Water Protection Program, Operating Permits Section at 573-522-4502 for more information. See https://dnr.mo.gov/water/businessindustry-other-entities/permits-certification-engineering-fees/section-401-water-quality for more information.
- 10. All construction must adhere to applicable 10 CSR 20-8 (Chapter 8) requirements listed below.
 - Flood protection shall apply to new construction and to existing facilities undergoing major modification. The wastewater facility structures, electrical equipment, and mechanical equipment shall be protected from physical damage by not less than the one hundred (100)-year flood elevation. 10 CSR 20-8.140(2)(B)
 - Unless another distance is determined by the Missouri Geological Survey or by the department's Public Drinking Water Branch, the minimum distance between wastewater treatment facilities and all potable water sources shall be at least three hundred feet (300'). 10 CSR 20-8.140(2)(C)1.
 - Facilities shall be readily accessible by authorized personnel from a public right–ofway at all times. 10 CSR 20-8.140(2)(D)
 - All wastewater treatment facilities shall be provided with an alternate source of electric power or pumping capability to allow continuity of operation during power failures. 10 CSR 20-8.140(7)(A)1.
 - Electrical systems and components in raw wastewater or in enclosed or partially enclosed spaces where hazardous concentrations of flammable gases or vapors that are normally present, shall comply with the NFPA 70 *National Electric Code (NEC)* (2017 Edition), as approved and published August 24, 2016, requirements for Class I, Division 1, Group D locations. 10 CSR 20-8.140(7)(B)

- An audiovisual alarm or a more advanced alert system, with a self-contained power supply, capable of monitoring the condition of equipment whose failure could result in a violation of the operating permit, shall be provided for all wastewater treatment facilities. 10 CSR 20-8.140(7)(C)
- No piping or other connections shall exist in any part of the wastewater treatment facility that might cause the contamination of a potable water supply. 10 CSR 20-8.140(7)(D)1.
- A means of flow measurement shall be provided at all wastewater treatment facilities. 10 CSR 20-8.140(7)(E)
- All wastewater treatment facilities must have a screening device, comminutor, or septic tank for the purpose of removing debris and nuisance materials from the influent wastewater. 10 CSR 20-8.150(2)
- For electrical equipment, fixtures, and controls in enclosed settling basins and scum tanks, where hazardous concentrations of flammable gases or vapors may accumulate, follow the provisions in 10 CSR 20-8.140(7)(B). The fixtures and controls shall be conveniently located and safely accessible for operation and maintenance. 10 CSR 20-8.160(5)(C)
- A septic tank must have a minimum capacity of at least one thousand (1,000) gallons. 10 CSR 20-8.180(2)(A)
- The septic tank shall be baffled. 10 CSR 20-8.180(2)(B)
- Subsurface systems shall—
 - Exclude unstabilized fill and soils that have been highly compacted and/or disturbed, such as old road beds, foundations, or similar things; 10 CSR 20-8.200(7)(A)1.A.
 - Provide adequate surface drainage where slopes are less than two percent (2%); 10 CSR 20-8.200(7)(A)1.B.
 - Provide surface and subsurface water diversion where necessary, such as a curtain or perimeter drain; 10 CSR 20-8.200(7)(A)1.C. and
 - Have a ten foot (10') buffer from the property line. 10 CSR 20-8.200(7)(A)1.D.
- The vertical separation between the bottom of the drip lines and/or the trench and a limiting layer, including but not limited to, bedrock; restrictive horizon; or seasonal high water table, shall be no less than:
 - Twenty-four inches (24"); 10 CSR 20-8.200(7)(A)2.A. or
 - Twelve inches (12") for systems dispersing secondary or higher quality effluent; 10 CSR 20-8.200(7)(A)2.B. or
 - Forty-eight inches (48") where karst features are present unless the site can be reclassified. 10 CSR 20-8.200(7)(A)2.C.
- Subsurface systems shall be, at a minimum, preceded by preliminary treatment. 10 CSR 20-8.200(7)(B)
- Loading rates shall not exceed the values assigned by the site and soil evaluation. 10 CSR 20-8.200(7)(C)
- All network piping and low pressure distribution piping and fittings with polyvinyl chloride (PVC) shall meet ASTM Standard D 1785 *Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, or 120* as approved and published August 1, 2015, or equivalent rated to meet or exceed ASTM D2466 *Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and*

Vent Pipe and Fittings as approved and published August 1, 2017. These standards shall hereby be incorporated by reference into this rule, as published by ASTM International, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA 19428-2959. This rule does not incorporate any subsequent amendments or additions. 10 CSR 20-8.200(8)(A)2.

- The location and size of the drains and buffers must be factored into the total area required for the drip dispersal system. 10 CSR 20-8.200(9)(A)1.
- The drip dispersal lines shall be placed at a minimum depth of six inches (6") below the surface. 10 CSR 20-8.200(9)(B)1.
- Emitters and drip dispersal lines shall be placed at a minimum on a two foot (2') spacing to achieve even distribution of the wastewater and maximum utilization of the soil. 10 CSR 20-8.200(9)(B)2.
- 11. Upon completion of construction:
 - A. The First Baptist Church of Swedeborg will become the continuing authority for operation and maintenance of these facilities;
 - B. Submit an electronic copy of the as-built plans if the project was not constructed in accordance with previously submitted plans and specifications; and
 - C. Submit the enclosed form Statement of Work Completed to the Department in accordance with 10 CSR 20-6.010(5)(N) and submit a Form B Application for an Operating Permit for Domestic or Municipal Wastewater (≤100,000 gallons per day) and initial fee to the Engineering Section of the Water Protection Program 60 days prior to operation. Clarify that the application is for a general permit for land application of domestic wastewater, MO-G823204. See <u>https://dnr.mo.gov/document-search/wastewater-construction-statement-work-completed-mo-780-2155</u> and <u>https://dnr.mo.gov/document-search/form-b-application-operating-permit-facilities-receive-primarily-domestic-waste-have-design-flow-less-or-equal-100000-gallons-day-mo-780-1512</u>. The annual fee will be \$150.

IV. REVIEW SUMMARY

1. CONSTRUCTION PURPOSE

The proposed construction is to provide additional functionality and to replace the existing onsite septic-lateral system (being abandoned to accommodate a new fellowship hall). The flow will not change.

2. FACILITY DESCRIPTION

The existing wastewater treatment facility includes a septic tank and lateral lines on an absorption field to treat wastewater from a 100-seat church with two lavatories and a small kitchenette. The owner is constructing a new fellowship hall to accommodate 100 people, with kitchen, classrooms, and four lavatories. The new building, which will be located in the location of the existing septic/lateral system, is not expected to increase flow but will improve flexibility for events. Therefore, a new system is needed. The proposal is for a flow equalization tank, a three-compartment aeration pretreatment tank, a pump tank, automatic headworks box (with filter and backflush system), and subsurface drip distribution lines. The design maximum-day flow will be 2,000 gallons per day (gpd), based on maximum seating, with a hydraulic *population equivalent* of ~ 20 people (maximum day). This is based on routine church services (two on Sunday and one on Wednesday) and other sporadic events (e.g., weddings). The routine services are typically less than 30 but has seating for 100. Weddings and similar events are typically no more than quarterly. The engineer stated that a maximum of 2,000 gallons per week of wastewater will be generated, so the design average flow is 286 gpd (2000/7). The flow equalization tank and its pump will keep the flow going to the rest of the system as no more than 679 gpd on any day (delivered over five doses), which will accommodate the highest anticipated one-day flow.

The First Baptist Church of Swedeborg is located at 26844 Apple Street, Richland, Pulaski County, Missouri.

Contact the local health department regarding any decommissioning guidance for the existing onsite septic system. In all cases, tanks used for storing septage, sewage sludge, or grease cannot be reclaimed for potable water use. See https://dnr.mo.gov/document-search/wastewater-treatment-plant-closure-pub2568/pub2568.

3. <u>COMPLIANCE PARAMETERS</u>

The existing facility should be able to meet the conservative loading rates of 1,000 lbs./acre/year for Oil & Grease, 150 lbs./acre/year for Kjeldahl Nitrogen, and a pH range of 6.0 to 9.0 for subsurface systems. The proposed facility will be required to meet the subsurface dispersal requirements of MOG823.

4. <u>REVIEW of MAJOR TREATMENT DESIGN CRITERIA</u>

Existing major components that will remain in use include the following:

• None. The existing septic and lateral field will be abandoned in place. Coordinate with the Pulaski County Health Center and Home Health Agency as needed. See https://www.pulaskicountyhealth.com/.

Construction will cover the following items:

• Components are designed for a maximum-day Population Equivalent of 20 persons based on hydraulic loading to the system. The highest daily flow is expected to be 2,000 gpd (based on possible seating with two Sunday services and one Wednesday service). Minimal flow is expected during the rest of the week. This is anticipated to be very conservative.

- Diurnal Flow Equalization Diurnal flow equalization is utilized to reduce the variability of influent wastewater flow. As a result, a consistent discharge to downstream treatment components is achieved and these processes may not have restricted capacity due to the peak hourly flow. Diurnal flow equalization is utilized to store peak flow periods for treatment during the periods of the day or week when the flows are reduced. For this system, all influent flow will pass through a concrete flow equalization tank, which is approximately 12 ft 1 in. by 6 ft 1 in., with a water depth of 7 ft 2 in. to the inlet tee (~ 4,000 gallons; which is 48 hours of the anticipated highest one-day flow). The tank will include a 1/3 horsepower pump, capable of pumping ~ 24 gallons per minute (gpm) against a TDH of ~ 16.2 ft (Liberty 250 series submersible or approved equal) and a pressure filter screen. The pump will be designed to move ~ 679 gpd to the rest of the system in five doses of ~ 136 gallons per dose. Floats will protect the pump during low flow periods.
- Aeration Pretreatment Tank Raw wastewater is pumped from the flow equalization tank to a three-compartment, concrete tank, which will provide approximately ~ 456 gallons of passive primary treatment, ~ 582 gallons of aerated treatment, and ~ 114 gallons of settling volume. The system is a modified JET media plant (or approved equal). When the water level reaches ~ 47 in. in the first compartment, the wastewater flows into the aerated compartment via a transfer tee-drop pipe. The aerated compartment includes dual 1/3 hp blowers (providing ~ 2.5 cfm of air or ~ 0.737 lbs. of oxygen) and attached-growth media. The third compartment includes a Zabel A300 effluent filter. The entire tank is ~ 9 ft 6.25 in. by 4 ft 6 in., with an influent flow depth of ~ 4 ft 7 in. The tank will provide ~ 40 hours of detention at the design average flow of 679 gpd. Pretreated wastewater will flow by gravity to the pump tank. Settled solids in the pretreatment tank shall be removed by a contract hauler as needed.
- Recirculation Pump Tank Pretreated wastewater will enter a ~ 750-gallon tank with a 1 hp submersible pump capable of pumping ~ 37 gpm against a TDH of 75 ft. The pump tank pumps flow to the automatic-flush headworks box, which includes a two-inch 150-mesh Vortex filter with a total area of 60.8 square in. The system will pump pretreated wastewater through the filter and to the drip distribution lines. The same pump will also flush the drip lines as needed.
- Subsurface Soil Dispersal System The soils at this site are rated for 0.15 gpd/sf, based on the submitted soils report. Soil morphology review was conducted during the construction permit application review. The soil is classified as partially suitable in all test pits to a depth of 6 in., and unsuitable on test site #4 from 6 to 13 in. The soils report stated that the site will need to be tilled to a depth of 14 in. and will require a minimum of 6 to 7 in. of suitable soil in the area of the drip irrigation field for it to be acceptable for the proposed system. The soil investigation was completed by Dennis Meinert, Certified Soil Scientist with Home & Farm Soil Consulting on July 23, 2021.
 - Soils Report. In the soils investigation, there were four pits dug over the proposed site.

- Soil test pit #1, located immediately northwest of the soil area, has a surface soil that described as silt loam and silty clay loam with an application rating of 0.15 gallons per square foot per day down to 22 in. Some compaction was observed in the top 7 in. of soil, and a fragipan horizon was extremely dense at 22 in. below the surface.
- Soil test pit #2, located immediately west of the soil area, has a surface soil that described as silt loam and silty clay with an application rating of at least 0.15 gpd/sqft down to 19 in. Some river gravel was observed in the top 7 in.
- Soil test pit #3, located immediately east of the soil area, has a surface soil that described as silt loam or silty clay loam with an application rating of at least 0.15 gpd/sqft down to 24 in. There was some compaction observed from 7 to 9 in.
- Soil test pit #4, located immediately north-northeast of the soil area, has a surface soil that described as silt loam with an application rating of 0.15 gpd/sqft down to 6 in. and a silty clay of 0.15 gpd/sqft from 13 to 24 in. For some reason, no application rate is provided for 6 to 13 in.
- Due to some soil compaction and the other issued observed, the project will include tilling the soil over the entire site down to 14 in. and adding at least 7 or 8 in. of new loamy soil (< 20% clay) over the entire drip distribution area (in 3.5-in. lifts and tilled into the original soil). Specifications for placement of the fill prescribe a specific range of acceptable soil moisture content and the type of construction equipment (tracked) to be used to avoid over compaction. Soil is to be essentially free of rocks, debris, roots, and vegetation. In addition, a curtain drain was recommended, which is being provided upslope (north of) the application site and draining to the southeast.
- Drip lines The facility has selected a classic GeoFlow subsurface drip dispersal system, with lines placed level with the contour and installed at least 6" deep. The system will dose one zone of 2,720 feet of line at 0.15 gpd/sqft, which provides 5 doses per day of 136 gallons for ~ 6 minutes per dose. GeoFlow lines will be 20 loops of 136 ft each, nominal ½ in. ID, with emitters spaced every 2 ft and capable of 1.13 gph at 15 psi. The manifold with 1.5" diameter supply lines. The return lines are 2" diameter. The drip field area is ~ 5,304 sq. ft. (0.122 acres). Approximately 40 combo air/vacuum release valves will be installed (where the drip lines connect to the manifold). A GEO Siemens Logo PLC Panel and an automatic diversion valve will be installed. The Jet aeration system and vortex filter are designed to treat to at least secondary treatment for BOD₅ and TSS prior to the drip field.
- Imported Soil The facility will have to import approximately 117.5 cubic yards of soils, which must be approved by the engineer before placement, and shall be sandy loam, silt loam, loam, or loamy sand containing less than 20% clay as described by the USDA.
- Flow Measurement Installation of accurate flow measurement devices will give the treatment facility a means of improved data analysis.
 - Hour meters shall be installed to monitor pump operation, which will allow the permittee to document daily flows during events.

• Emergency Power – No emergency power will be provided. Instead, the flow equalization tank will provide at least 48 hours of storage capacity at the design maximum-day flow. An alarm with floats, with a self-contained battery backup, will be provided to notify in the event of a power failure.

5. **OPERATING PERMIT**

The department is requiring the permittee to obtain the MOG823204 general operating permit for this facility. This operating permit will be required for at least a year, to demonstrate the facility's flows never exceed 3,000 gallons on any day (not averaged). After at least a year of operation, the permittee may submit for evaluation (1) documentation that the church's flow has never exceeded 3,000 gallons on any day of the year (e.g., either documenting the DAILY pump hours, correlated with its pumping rate; or submitting DAILY water records from the commencement of operation, etc.) and (2) a Request for Termination of Operating Permit MO 780-2814 (<u>https://dnr.mo.gov/document-search/request-termination-operating-permit-mo-780-2814</u>). Averaged water records will not be accepted. It is recommended that pump hours be recorded twice weekly AND before and after any large event.

After completion of the construction project, submit the statement of work completed and any as-built plans (if the project was not constructed in accordance with previously submitted plans and specifications). In addition, ensure that Application Form B and the corresponding \$150 fee has been submitted. Missouri State Operating Permit, General Permit MO-G823204, will be issued after receipt of the above documents.

V. NOTICE OF RIGHT TO APPEAL

If you were adversely affected by this decision, you may be entitled to an appeal before the Administrative Hearing Commission (AHC) pursuant to Section 621.250 RSMo. To appeal, you must file a petition with the AHC within 30 days after the date this decision was mailed or the date it was delivered, whichever date was earlier. If any such petition is sent by registered mail or certified mail, it will be deemed filed on the date it is mailed; if it is sent by any method other than registered mail or certified mail, it will be deemed filed on the date it is received by the AHC. Any appeal should be directed to:

Administrative Hearing Commission U.S. Post Office Building, Third Floor 131 West High Street, P.O. Box 1557 Jefferson City, MO 65102-1557 Phone: 573-751-2422 Fax: 573-751-5018 Website: <u>https://ahc.mo.gov</u>

Scott Adams, P.E. Engineering Section scott.adams@dnr.mo.gov Subsurface drip distribution First Baptist Church of Swedeborg, MO-G823204 Page 10

APPENDIX

• **Process Flow Diagram**

↓ 4,000-gallon concrete equalization tank ↓ 1,000-gallon 3-compartment concrete aeration pretreatment tank ↓ 750-gallon concrete pump tank ↓ Automatic flushing & backwashing headworks box ↓ 2,720 feet of drip-distribution lines

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MISSOURI DEPARTMENT OF NATURAL RESOURCES WATER PROTECTION PROGRAM APPLICATION FOR CONSTRUCTION PERMIT – WASTEWATER TREATMENT FACILITY

 FOR DEPARTMENT USE ONLY

 APP NO.
 CP NO.

FEE RECEIVED CHECK NO.

	DATE RECEIVED						
APPLICATION OVERVIEW The Application for Construction Permit – Wastewater Treatment Facility form has been developed in a modular format and consists of Part A and B. All applicants must complete Part A. Part B should be completed for applicants who currently land-apply wastewater or propose land application for wastewater treatment. Please read the accompanying instructions before completing this form. Submittal of an incomplete application may result in the application being returned.							
PART A – BASIC INFORMATION							
1.0 APPLICATION INFORMATION (Note – If any of the questions in this section are answered NO, this application may be considered incomplete and returned.)							
1.1 Is this a Federal/State funded project? YES N/A Funding Agency:	Project #:						
1.2 Has the Missouri Department of Natural Resources approved the proposed project's antidegradation review? ☐ YES Date of Approval:							
1.3 Has the department approved the proposed project's facility plan*? ☐ YES Date of Approval:							
 1.4 [Complete only if answered No on No. 1.3.] Is a copy of the facility plan* for wastewater treatment facilities included with this application? ✓ YES □ NO □ Exempt because 							
 1.5 Is a copy of the appropriate plans* and specifications* included with this application? ✓ YES Denote which form is submitted: ✓ Hard copy ☐ Electronic copy (See instructions.) ☐ NO 							
1.6 Is a summary of design* included with this application?							
 1.7 Has the appropriate operating permit application (A, B, or B2) been submitted to the department? ☐ YES Date of submittal: ☑ Enclosed is the appropriate operating permit application and fee submittal. Denote which form: □ A ☑ B □ B2 □ N/A: However, In the event the department believes that my operating permit requires revision to permit limitation such as changing equivalent to secondary limits to secondary limits or adding total residual chlorine limits, please share a draft copy prior to public notice? □ YES □ NO 							
1.8 Is the facility currently under enforcement with the department or the Environmental Protection Agency?							
1.9 Is the appropriate fee or JetPay confirmation included with this application? ☑ YES □ NO See Section 7.0							
* Must be affixed with a Missouri registered professional engineer's seal, signature a	nd date.						
First Baptist Church of Swedeborg	 2.2 ESTIMATED PROJECT CONSTRUCTION COST \$ 15000 						
2.3 PROJECT DESCRIPTION New assembly building with parking & drive expansion to be constructed. Existing septic system & leach field to be abandoned. New onsite wastewater treatment & subsurface soil absorption system will serve the new assembly building & existing church building.							
2.4 SLUDGE HANDLING, USE AND DISPOSAL DESCRIPTION Primary settling tank - sludge will be pumped and hauled away as needed							
2.5 DESIGN INFORMATION							
 A. Current population: <u>100</u>; Design population: <u>200</u> B. Actual Flow: <u>500</u> gpd; Design Average Flow: <u>679</u> gpd; Actual Peak Daily Flow: <u>500</u> gpd; Design Maximum Daily Flow: <u>679</u> gpd; Design Wet Weather Event: <u>N/A</u> 							
2.6 ADDITIONAL INFORMATION							
A. Is a topographic map attached? VES NO							
B. Is a process flow diagram attached?							
/IO 780-2189 (02-19)	Page 1 of 3						

3.0 WASTEWATER TREATMENT FACILI	TY	and the second second		- Carlos - Pressona - Pr				
NAME TELEPHONE NUMBER WITH AREA		AREA CODE	E-MAIL ADDRESS					
ADDRESS (REVSICAL)	(573)465-1856		STATE	Jitberry55@winds				
26894 Apple Street	Richland		MO	65556	Pulaski			
Wastewater Treatment Facility: Mo- (Outfall 1 Of 1)								
3.1 Legal Description:1/4,1/ (Use additional pages if construction of more	4, <u>NW</u> than one of	V4, Sec. <u>26</u> , T <u>37N</u> utfall is proposed.)	I_, R_13₩					
3.2 UTM Coordinates Easting (X): 1688371 Northing (Y): 757201 For Universal Transverse Mercator (UTM), Zone 15 North referenced to North American Datum 1983 (NAD83)								
3.3 Name of receiving streams: <u>N/A, subsurface soil absorbtion</u>								
4.0 PROJECT OWNER	and the St	and the second law of	- June Some S	BANKA AN ARANA	a the second second			
NAME First Baptist Church of Swedeborg		(573)465-1856		jltberry55@winds	stream.net			
26894 Apple Street	Richland		MO	65556				
5.0 CONTINUING AUTHORITY: A continuing authority is a company, business, entity or person(s) that will be operating the facility and/or ensuring compliance with the permit requirements.								
NAME First Restist Church of Swedeborg		TELEPHONE NUMBER WITH A	REA CODE	E-MAIL ADDRESS				
ADDRESS	CITY	(573)465-1856	STATE	JIEDERRY55@WINDS	stream.net			
26894 Apple Street	Richland		MO	65556				
5.1 A letter from the continuing authority, if	different th	an the owner, is include	d with this a	pplication.	S 🔲 NO 🗹 N/A			
5.2 COMPLETE THE FOLLOWING IF THE CONTINUING AUTH	ORITY IS A MIS	SOURI PUBLIC SERVICE COMMI	SSION REGULAT					
A. Is a copy of the certificate of convenience								
A. Is a copy of the as-filed restrictions and c	ovenants i	ncluded with this applic	ation? 🔲	YES 🔽 NO				
B. Is a copy of the as-filed warranty deed, g	uitclaim de	ed or other legal instrur	ment which t	ransfers ownership	of the land for the			
wastewater treatment facility to the assoc	ciation inclu	uded with this applicatio	n? 🗌 YE	s 🗹 NO				
C. Is a copy of the as-filed legal instrument	(typically the second s	ne plat) that provides the	e associatior	n with valid easemer	nts for all sewers			
D. Is a copy of the Missouri Secretary of Sta	ate's nonpr	ofit corporation certifica	te included v	with this application?				
6.0 ENGINEER	N. D. Patier							
ENGINEER NAME / COMPANY NAME		TELEPHONE NUMBER WITH A	REA CODE	E-MAIL ADDRESS				
Terris Cates / Integrity Engineering, Inc.	CITY	(573)341-2100	STATE	terris@integrityeng.com				
P.O. Box 700	Rolla		MO	65402-0700				
7.0 APPLICATION FEE	18-16 (p) 18		pagara ng sa		A MARTINE SHOW AND			
		JETPAY CONFIRMATION NUM	IBER					
8.0 PROJECT OWNER: I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.								
PRINTED NAME								
Jerry Thornsberry	Thornsberry			6-8-2022				
TITLE OR CORPORATE POSITION Deacon		TELEPHONE NUMBER WITH AN (573)465-1856	REA CODE	E-MAIL ADDRESS jltberry55@winds	tream.net			
Mail completed copy to: MISSOURI DEPARTMENT OF NATURAL RESOURCES WATER PROTECTION PROGRAM P.O. BOX 176 JEFFERSON CITY, MO 65102-0176								
END OF PART A. REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHETHER PART B NEEDS TO BE COMPLETE.								
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				5 1				