

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES
MISSOURI CLEAN WATER COMMISSION



CONSTRUCTION PERMIT

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

City of Potosi
121 East High Street
Potosi, MO 63664

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.

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.

February 9, 2022
Effective Date

February 8, 2024
Expiration Date


Chris Wieberg, Director, Water Protection Program

CONSTRUCTION PERMIT

I. CONSTRUCTION DESCRIPTION

The purpose of the regionalization project is to connect the wastewater collection system for the Grandview Plaza Mobile Home Park (MHP) to the Potosi WWTF No. 3 collection system. A gravity sewer will be constructed from the Grandview Plaza MHP treatment facility outfall (MO-0084395) to the existing lift station at the MoDOT Maintenance Facility on Highway E. The discharge from the Grandview Plaza MHP wastewater treatment system will be eliminated. Closure of the existing Grandview Plaza MHP lagoon systems is not included in the scope of the project.

This project consists of the installation and construction of approximately 2,767 linear feet (lf) of 8-inch diameter polyvinyl chloride (PVC) Standard Dimension Ratio (SDR)-35 gravity sewer lines with twelve 48-inch diameter precast concrete manholes and all the necessary appurtenances to make a complete and usable wastewater collection system to serve an estimated population equivalent of 132 and an estimated design average flow of 13,200 gallons per day. The project will also include general site work appropriate to the scope and purpose of the project.

These activities will be in the vicinity northeast of the intersection of Missouri Highway 21 and Washington County Highway E in the City of Potosi, Washington County and discharge to an existing sewer system to be treated at the Potosi Wastewater Treatment Facility No. 3, Missouri State Operating Permit No. MO-0127566.

II. CONSTRUCTION PERMIT CONDITIONS

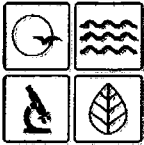
The permittee is authorized to construct, subject to the following conditions:

1. All construction shall be in accordance with the plans and specifications submitted by Archer-Elgin Engineering on January 28, 2022, signed and sealed by Jeffrey A. Medows, P.E. on January 28, 2022, and approved by the Department on February 9, 2022.
2. Regulation 10 CSR 20-4.040(18)(B)1 requires that projects be publicly advertised, allowing sufficient time for bids to be prepared and submitted. Projects should be advertised at least 30 days prior to bid opening.
3. The Department must be contacted in writing prior to making any changes to the approved plans and specifications that would directly or indirectly have an impact on the capacity, flow, system layout, or reliability of the proposed project or any design parameter that is addressed by 10 CSR 20-8, in accordance with 10 CSR 20-8.110(11).
4. All changes in contract price or time within the approved scope of work must be by change order in accordance with 10 CSR 20-4.040(19).
5. Manholes shall be located with the top access at or above grade level.

6. 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 electronic Sanitary Sewer Overflow/Bypass Reporting system at <https://dnr.mo.gov/mogem/> or the Southeast Regional Office per 10 CSR 20-7.015(9)(G).
7. Protection of drinking water supplies shall be in accordance with 10 CSR 20-8.120(5), which includes by reference the provisions of 10 CSR 23-3.010. Separation distance requirements between water mains and sanitary sewers in 10 CSR 60-10.010 are also applicable.
8. In addition to the requirements for a construction permit, see 10 CSR 20-6.200 for land disturbance requirements 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 www.dnr.mo.gov/env/wpp/epermit/help.htm. For more information, see <https://dnr.mo.gov/water/business-industry-other-entities/permits-certification-engineering-fees/stormwater/construction-land-disturbance>.
9. A United States Army Corps of Engineers (USACE) Section 404 Department of Army permit (§404) along with the Department's Section 401 Water Quality Certification or waiver (§401) may be required for the activities described in this permit. This permit is not valid until these requirements are satisfied. If construction activity will disturb any land below the ordinary high water mark of jurisdictional waters of the U.S., then a §404/§401 will likely be required. Since the USACE makes determinations on what is jurisdictional, you must contact the USACE to determine permitting requirements. See <https://dnr.mo.gov/water/business-industry-other-entities/permits-certification-engineering-fees/section-401-water-quality> for more information, or you may contact the Department's Water Protection Program at 573-522-4502 or wpsc401cert@dnr.mo.gov.
10. If this project eliminates a wastewater treatment facility under the jurisdiction of the Department, then a full closure plan shall be submitted with a Facility Closure Request Form – MO 780-2512 to the Department's appropriate regional office for review and approval. In accordance with 10 CSR 20-6.010(12), the closure plan must meet the requirements outlined in Standard Conditions Part III of the Missouri State Operating Permit. Closure shall not commence until the submitted closure plan is approved by the Department.
11. Upon completion of construction:
 - A. The City of Potosi will become the continuing authority for operation and maintenance of the new sewer facilities;

- B. Submit an electronic copy of the as-builts if the project was not constructed in accordance with previously submitted plans and specifications; and
- C. Submit the enclosed Statement of Work Completed form to the Department in accordance with 10 CSR 20-6.010(5)(N). When the receiving facility applies for their next operating permit renewal, they will be expected to include updated information about the sanitary sewer collection system on their application.

Ginny Bretzke, P.E.
Clean Water Engineering Unit
Financial Assistance Center
ginny.bretzke@dnr.mo.gov



MISSOURI DEPARTMENT OF NATURAL RESOURCES
 WATER PROTECTION PROGRAM
**APPLICATION FOR CONSTRUCTION PERMIT –
 SEWER EXTENSION**

FOR DEPARTMENT USE ONLY	
APP NO.	CP NO.
FEE RECEIVED	CHECK NO.
DATE RECEIVED	

NOTE ► PLEASE READ THE ACCOMPANYING INSTRUCTIONS BEFORE COMPLETING THIS FORM

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: CWSRF Project #: **C-29585-01**
- 1.2 Has the Department of Natural Resources approved the proposed project's engineering report*?
 YES Date of Approval: NO N/A
- 1.3 Is a copy of the appropriate plans* and specifications* included with this application? YES NO
- 1.4 Is a summary of design* included with this application? YES NO
- 1.5 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 and date.

2.0 PROJECT INFORMATION

2.1 NAME OF PROJECT

Potosi WWTF No. 3 Regionalization

ADDRESS	CITY	STATE	ZIP CODE	COUNTY
	Potosi	MO	63664	Washington

2.2 Legal Description: ¼, ¼, ¼, Sec. 11, T 37N, R 2E

2.3 Project Components (check all that apply):

- Gravity sewers Pumping stations Force mains Alternative sewer system Other (Describe below.)

2.4 PROJECT DESCRIPTION

Installation and Testing of approximately 2,750 linear feet of 8" SDR-35 PVC Gravity Sewer and 12 precast manholes. The project will eliminate and existing outfall from the Grandview Plaza Mobile Home Park and will redirect flows to the Potosi WWTF No. 3 as part of a WW regionalization project.

2.5 DESIGN INFORMATION

- A. Population or number of lots to be served by this extension: 44 Lots
- B. Estimated flow to be contributed by this extension: Design Average Flow: 13200 gpd Design Peak Hourly Flow: 38.24 gph
- C. Industrial Wastes: Type: Flow: gpd
- D. Receiving Sewer: Size: inches Capacity: 170 gpm

3.0 PROJECT OWNER

NAME	TELEPHONE NUMBER WITH AREA CODE	EMAIL ADDRESS	
City of Potosi	573-438-2767	ddouglas@potosicityhall.org	
ADDRESS	CITY	STATE	ZIP CODE
121 E. High St	Potosi	MO	63664

4.0 CONTINUING AUTHORITY: A continuing authority is a company, business, entity or person(s) that will be operating the facility or ensuring compliance with the permit requirements. A continuing authority is not, however, an entity or individual that is contractually hired by the permittee to sample or operate and maintain the system for a defined time period, such as a certified operator or analytical laboratory. To access the regulatory requirement regarding continuing authority, 10 CSR 20-6.010(2), please visit <https://s1.sos.mo.gov/cmsimages/adrules/csr/current/10csr/10c20-6.pdf>. A continuing authority's name must be listed exactly as it appears on the Missouri Secretary of State's (SoS's) webpage: <https://bsd.sos.mo.gov/BusinessEntity/BESearch.aspx?SearchType=0>, unless the continuing authority is an individual(s), government, or otherwise not required to register with the SoS.

NAME	TELEPHONE NUMBER WITH AREA CODE	EMAIL ADDRESS	
ADDRESS	CITY	STATE	ZIP CODE

4.1 A letter from the continuing authority or the Continuing Authority and Receiving Wastewater Treatment Facility Acceptance form, if different than the owner, is included with this application. YES NO N/A

5.0 ENGINEER			
ENGINEER NAME / COMPANY NAME Jeff Medows, P.E. Archer-Elgin Engineering		TELEPHONE NUMBER WITH AREA CODE 573-364-6362	EMAIL ADDRESS jmedows@cmarcher.com
ADDRESS 310 East Sixth St.	CITY Rolla	STATE MO	ZIP CODE 65041
6.0 RECEIVING WASTEWATER TREATMENT FACILITY			
NAME Potosi WWTF No. 3		TELEPHONE NUMBER WITH AREA CODE 573-438-2767	EMAIL ADDRESS ddouglas@potosicityhall.org
MISSOURI STATE OPERATING PERMIT # MO-0127566		REMAINING CAPACITY (GPD) 218,500	
6.1 Has the receiving treatment facility agreed to accept the additional wastewater flow? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
6.2 A letter from the receiving wastewater treatment facility, if different than the continuing authority, is included with this application. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A			
7.0 Application Fee			
<input type="checkbox"/> Check Number		<input type="checkbox"/> JetPay Confirmation Number	
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.			
PROJECT OWNER SIGNATURE 			
PRINTED NAME Dave Douglas		DATE 9/7/2021	
TITLE OR COPORATE POSITION Wastewater Supt.		TELEPHONE NUMBER WITH AREA CODE 573-438-2767	EMAIL ADDRESS ddouglas@potosicityhall.org
Mail completed copy to: MISSOURI DEPARTMENT OF NATURAL RESOURCES WATER PROTECTION PROGRAM P.O. BOX 176 JEFFERSON CITY, MO 65102-0176			