STATE OF MISSOURI DEPARTMENT OF NATURAL RESOURCES

MISSOURI CLEAN WATER COMMISSION



GENERAL PERMIT for SEWER EXTENSION CONSTRUCTION

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

Construction Permit ID:	MOGSE0357
Title of Project:	Rogue Creek Lift Station 2
Owner:	Missouri American Water Co
Address:	727 Craig Road
	St. louis, MO 63141

The project will also include general site work appropriate to the scope and purpose of the project and will include all the necessary appurtenances to make a complete and usable collection system. The construction of this project will be in the vicinity of the county below and discharge to Receiving Permit ID below:

County: Washington Receiving Permit ID: MO0087181

for the construction of (described construction project):

Rogue Creek Lift Station 2 - Construction of approximately 1,617 lf of 3 inch diameter SDR 21 Class 200 PVC force main and approximately 638 lf of 8 inch diameter SDR 35 PVC gravity sewer main with 7 precast manhole structures. Construction of a new duplex lift station with valve vault, meter vault, and other appurtenances for operation. Demolition of existing lift stations. Design average flow of 16,322 gpd to serve 42 lots. The receiving sewer is 8 inch with a capacity of 642 gpm.

Project is in the vicinity of 1700 Rogue Creek Valley in Potosi, Washington County and discharges to an existing system to be treated at MAWC Rogue Creek Utilities Inc. WWTF (MO0087181).

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.

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

April 21, 2022 Issue Date

his Writing

Chris Wieberg, Director Water Protection Program

April 20, 2024 Expiration Date

APPLICABILITY

- 1. This permit authorizes the construction of gravity sewer extensions, force mains, and lift stations. Non-earthen flow equalization storage basins at lift stations and inline storage, which flows back into the lift station or collection system, are also included.
- 2. A site specific sewer extension construction permit may be required by the Department due to compliance and enforcement actions.
- 3. Projects located within an Approved Sewer Program as noted in the operating permit of the receiving wastewater treatment facility are not required to obtain a construction permit from the Department of Natural Resources (Department).
- 4. This permit does not apply to:
 - A. Earthen storage basins;
 - B. Exempt projects unless requested by the applicant or required by enforcement.

PREREQUISITES:

- 1. The General Sewer Extension Construction Permit application, appropriate fee, and documentation in accordance with 10 CSR 20-6.010(5)(G).
- 2. The plans and specifications each signed and sealed by a professional engineer registered in the State of Missouri in accordance with 10 CSR 20-8 and 10 CSR 20-6.010.
- 3. The Design Certification form or Engineering Report or Summary of Design signed and sealed by a professional engineer registered in the State of Missouri certifying the design of the system was prepared in accordance with 10 CSR 20-6 and 10 CSR 20-8.
- 4. A statement from the continuing authority, as defined in 10 CSR 20-6.010, accepting the wastewater for treatment and indicating the permitted treatment facility has the available capacity.
- 5. A statement from the continuing authority, as defined in 10 CSR 20-6.010, accepting the responsibility for operation and maintenance of these facilities.

PERMIT CONDITIONS:

- 1. This permit authorizes the activities and scope of work detailed in the plans and specifications submitted with the request.
- 2. The construction must be in accordance with the final plans and specifications approved by the Department.
- 3. 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 regional office per 10 CSR 20-7.015(9)(E)2., or through the Online Bypass/SSO Reporting system found at https://dnr.mo.gov/eservices.htm under Water Protection.

PERMIT CONDITIONS: (continued)

- 4. Protection of drinking water supplies must meet the requirements of 10 CSR 23-3.010.
 - A. There shall be no physical connections between a public or private potable water supply system and a sewer, or appurtenance thereto, which would permit the passage of any wastewater or polluted water into the potable supply.
 - B. Sewers shall be laid at least fifty feet (50') in a horizontal direction from any existing or proposed public water supply well or other water supply sources or structures.
- 5. Manholes shall be located with the top access at or above grade level.
- 6. 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.

See <u>www.dnr.mo.gov/env/wpp/stormwater/sw-land-disturb-permits.htm</u> for more information.

7. A United States (U.S.) Army Corps of Engineers (COE) permit (404) and a Water Quality Certification (401) issued by the Department or permit waiver 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 be required. Since the COE makes determinations on what is jurisdictional, you must contact the COE to determine permitting requirements. You may call the Department's Water Protection Program at 573-751-1300 for more information.

See <u>www.dnr.mo.gov/env/wpp/401/</u> for more information.

- 8. 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, 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.
- 9. If this project is part of a project to resolve an enforcement action or is receiving funding from the Department, submit a statement of work complete following the completion of construction

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souri American Water Company 314-619-9344 robert.c	DESIGN INFORMATION Population or number Estimated flow to be ca Industrial Wastes: T Receiving Sewer: S DPROJECT OWNER ME SSOURI American Water (DRESS 7 Craig Road D CONTINUING AUTHO ensuring compliance wi intractually hired by the p erator or analytical labor it https://s1.sos.mo.gov/Bus vernment, or otherwise me	of lots to be served ontributed by this e ype: Size: 8 inches Company DRITY: A continuin the permit requi permittee to sample ratory. To access the //cmsimages/adrule Secretary of State sinessEntity/BESecond	CITY St. Louis g authority rements. A he regulato 's (SoS's) v arch.aspx?	nhole structures, and d dension: 42 Design Average Flow w: gpd pacity:642 gpm TELEPHONE NUMBER WITH 314-619-9344 r is a company, busines A continuing authority is te and maintain the sys ory requirement regard ent/10csr/10c20-6.pdf. webpage: PSearchType=0, unless he SoS.	AREA CODE STATE MO STATE MO STATE MO STATE MO STATE MO STATE MO STATE MO STATE MO STATE MO STATE MO STATE MO STATE MO STATE MO STATE MO STATE MO STATE STATE MO STATE MO STATE STATE MO STATE MO STATE STATE MO STATE STATE MO STATE MO STATE STATE MO STATE STATE STATE STATE MO STATE	EMAIL ADDRESS robert.caraccio@: ZIP CODE 63141 erson(s) that will be r, an entity or individ ned time period, suc authority, 10 CSR 2 authority is an ind	A 21 Class 200 PVC ly Flow: 2880 gph amwater.com operating the facility dual that is thas a certified 20-6.010(2), please ist be listed exactly as		
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5.0 ENGINEER						
ENGINEER NAME / COMPANY N		-	TELEPHONE NUMBER WITH ARE	A CODE	EMAIL ADDRESS	
William Johanning/Cochran			636-584-0540		rjohanning@cochraneng.com	
ADDRESS		CITY		STATE	ZIP CODE	
530A East Independence Drive Union		Union	1	ЛО	63084	
6.0 RECEIVING WASTE	WATER TREATM	INT FACI	LITY			
NAME			TELEPHONE NUMBER WITH AREA CODE		EMAIL ADDRESS	
MAWC - Rogue Creek Utilities, inc. WWTF			636-922-9164		brian.eisenloeffel@amwater.com	
MISSOURI STATE OPERATING PE	RMIT #		REMAINING CAPACITY (GPD)		Shari oleeni oonol gan water com	
MO-0087181			No Change			
6.1 Has the receiving tre	atment facility agree	ed to acce	pt the additional wastewat	er flow?		
6.2 A letter from the rece	viving wastewater tre	eatment fa	cility if different than the c	ontinuina	authority, is included with this application	
YES NO	Z N/A		and an an arrest and the c	onung	automy, is included with this application	
7.0 Application Fee						
Check Number			Y lotPa	v Confirme	tion Number 20032620	
submitted. Based on my i gathering the information aware that there are sign knowing violations.	inquiry of the persor	or person omitted is	ssure that qualified person	n, or those	ts were prepared under my direction or by gather and evaluate the information persons directly responsible for ief, true, accurate, and complete. I am bility of fine and imprisonment for	
PROJECT OWNER SIGNATURE					bindy of the and imprisonment for	
R Caraco					and imprisonment for	
1 - 121011	1					
PRINTED NAME	rd					
PRINTED NAME Robert Caraccio	rd				DATE	
Robert Caraccio			TELEPHONE NUMBER WITH ANEA		DATE April 1, 2022	
Robert Caraccio			TELEPHONE NUMBER WITH AREA 314-619-9344		DATE	
Robert Caraccio	EngiNEER MISSOURI WATER PR P.O. BOX 1	OTECTIC 76		CODE	DATE April i, 2022 EMAIL ADDRESS	

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