

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: MOGSE0210
Title of Project: Cheyenne Valley Phase 2
Owner: Cheyenne Valley, LLC
Address: 5051 S National Ave
Bldg 5-100
Springfield, MO 65810

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: Christian Receiving Permit ID: MO0028037

for the construction of (described construction project):

Cheyenne Valley Phase 2 - Construction of approximately 159 lf of 12-inch PVC SDR-21, 1842 lf of 8-inch PVC SDR-21, and 4,829 lf of 8-inch PVC SDR-35, or better, gravity sewer lines with approximately 42 manholes to serve approximately 129 single family home lots with a design average flow of 33,100 gpd.

This project utilizes City of Nixa standard specifications approved on February 2, 2016.

Project is in the vicinity of North Street and Lakota Street in the City of Nixa, Christian County and discharges to an existing City of Nixa collection system with treatment provided at Nixa WWTF, MO-0028037. Garrett Tyson, Director of Planning and Development, with City of Nixa provided an acceptance letter dated June 4, 2021.

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.

July 06, 2021

Issue Date

Edward B. Galbraith, Director
Division of Environmental Quality

July 05, 2023

Expiration Date

Chris Wieberg, Director
Water Protection Program

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.

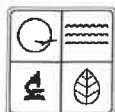
See www.dnr.mo.gov/env/wpp/stormwater/sw-land-disturb-permits.htm for more information.

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 www.dnr.mo.gov/env/wpp/401/ 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

JUN 11 2021



MISSOURI DEPARTMENT OF NATURAL RESOURCES
WATER PROTECTION PROGRAM

Water Protection Program

**APPLICATION FOR CONSTRUCTION PERMIT –
SEWER EXTENSION**

FOR DEPARTMENT USE ONLY	
APP NO.	CP NO.
FEE RECEIVED \$300.00	CHECK NO. 3042
DATE RECEIVED 6-11-21	

RB

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: _____ Project #: _____
- 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 included with this application? (See instructions for appropriate fee.) YES NO

* Must be affixed with a Missouri registered professional engineer's seal, signature and date.

2.0 PROJECT INFORMATION

2.1 NAME OF PROJECT

Cheyenne Valley Phase 2

ADDRESS	CITY	STATE	ZIP CODE	COUNTY
Cheyenne Rd. & Lakota St.	Nixa	MO	65714	Christian

2.2 Legal Description: ¼, SW ¼, NW ¼, Sec. 17, T 27N, R 21W

2.3 Project Components (check all that apply):

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

2.4 PROJECT DESCRIPTION

Construction of approximately 159 l.f. of 12" Diameter PVC Gravity Sewer Pipe, 6720 l.f. of 8" Diameter PVC Gravity Sewer Pipe, 42 Manholes, and 5159 l.f. of four inch diameter service laterals and all other items per the Plans and Specifications for a complete gravity sanitary sewer system.

2.5 DESIGN INFORMATION

- A. Population or number of lots to be served by this extension: 331 p.e.
- B. Estimated flow to be contributed by this extension: Design Average Flow: 33.1K gpd Design Peak Hourly Flow: 5655 gph
- C. Industrial Wastes: Type: N/A Flow: gpd
- D. Receiving Sewer: Size: 8 inches Capacity: 500 gpm

3.0 PROJECT OWNER

NAME	TELEPHONE NUMBER WITH AREA CODE	E-MAIL ADDRESS	
Cheyenne Valley, LLC	(417) 889-4300	stu@stengerhomes.com	
ADDRESS	CITY	STATE	ZIP CODE
5051 S. National Ave. Bldg 5-100	Springfield	MO	65810

4.0 CONTINUING AUTHORITY: Permanent organization that will serve as the continuing authority for the operation, maintenance and modernization of the wastewater collection system.

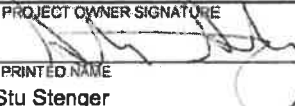
NAME	TELEPHONE NUMBER WITH AREA CODE	E-MAIL ADDRESS	
City of Nixa	(417) 725-3785	dcolvin@nixa.com	
ADDRESS	CITY	STATE	ZIP CODE
P.O. Box 395	Nixa	MO	65714

4.1 A letter from the continuing authority, if different than the owner, is included with this application. YES NO N/A

5.0 ENGINEER

ENGINEER NAME / COMPANY NAME	TELEPHONE NUMBER WITH AREA CODE	E-MAIL ADDRESS	
Clayton Hines / Shaffer & Hines, Inc.	(417) 725-4663	chines@shafferhines.com	
ADDRESS	CITY	STATE	ZIP CODE
P.O. Box 493	Nixa	MO	65714

6.0 RECEIVING WASTEWATER TREATMENT FACILITY

NAME City of Nixa WWTP	TELEPHONE NUMBER WITH AREA CODE (417) 725-7117	E-MAIL ADDRESS dcolvin@nixa.com
MISSOURI STATE OPERATING PERMIT # MO-0028037	REMAINING CAPACITY (GPD) 2,725,340	
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 PROJECT OWNER: I hereby certify that I am familiar with the information contained in this application and to the best of my knowledge and belief such information is true, complete, and accurate, and if granted this permit, I agree to abide by the Missouri Clean Water Law and all rules, regulations, orders, and decisions, subject to any legitimate appeal available to applicant under Missouri Clean Water Law.		
PROJECT OWNER SIGNATURE 		
PRINTED NAME Stu Stenger	DATE 6-7-21	
TITLE OR CORPORATE POSITION Member	TELEPHONE NUMBER WITH AREA CODE (417) 889-4300	E-MAIL ADDRESS stu@stengerhomes.com
Mail completed copy to:	MISSOURI DEPARTMENT OF NATURAL RESOURCES WATER PROTECTION PROGRAM P.O. BOX 176 JEFFERSON CITY, MO 65102-0176	