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

**Construction Permit ID:** MOGSE0302  
**Title of Project:** Diamond Creek  
**Owner:** City of Smithville  
**Address:** 107 W Main  
Smithville, MO 64089

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:** Clay  
**Receiving Permit ID:** MO0055204

for the construction of (described construction project):

Diamond Creek - Construction of a low pressure sewer with grinder pumps and approx 745 lf of 8 inch and 455 lf of 4 inch PVC SDR-35 gravity pipe, along with 230 lf of 2 inch and 900 lf of 3 inch HDPE DR-11 forcemain with manholes to serve 27 lots with a design average flow of 7,479 gpd and a design PE of 74. Installation of 11 simplex grinder pump units with a minimum 70 gallon, each grinder capable of operating at 11 gpm with 35.18 ft TDH when only 1 pump is operational.

Project is in the vicinity of Sixth St. east of Manzanola Lane in Smithville, Clay County and discharges to an existing system to be treated at Smithville WWTF, MO-0055204. The City of Smithville is the owner and continuing authority for the project.

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.

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**Issue Date:** December 20, 2021  
**Expiration Date:** December 20, 2023  
**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 

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

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 □ NO 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

Diamond Creek

ADDRESS
Sixth Street east of Manzanola Lane

CITY Smithville

STATE MO

ZIP CODE 64089

COUNTY Clay

2.2 Legal Description: ¼, ¼, NE ¼, Sec. 23, T 53, R 33

2.3 Project Components (check all that apply):

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

2.4 PROJECT DESCRIPTION

A low pressure sewer system consisting of 900 linear feet of 3-inch HDPE and 230 linear feet of 3-inch HDPE (Grinder pumps to be supplied and installed by Builder) and gravity sewer consisting of 748 linear feet of 8-inch PVC with all manholes, tees, wyes and other appurtenances necessary to make this an operational sewage collection system for the subdivision. Discharge is to an existing City sewer.

2.5 DESIGN INFORMATION

A. Population or number of lots to be served by this extension: 27 lots

B. Estimated flow to be contributed by this extension: Design Average Flow: 7479 gpd Design Peak Hourly Flow: 1248 gph

C. Industrial Wastes: Type: Flow: gpd

D. Receiving Sewer: Size: 8 inches Capacity: 420 gpm

3.0 PROJECT OWNER

NAME City of Smithville

TELEPHONE NUMBER WITH AREA CODE (816) 532-3897

EMAIL ADDRESS jhensvig@smithville.org

ADDRESS 107 W Main

CITY Smithville

STATE MO

ZIP CODE 64089

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 Same as above

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

NO 780-10632 (10-19)
### 5.0 ENGINEER

<table>
<thead>
<tr>
<th>ENGINEER NAME / COMPANY NAME</th>
<th>TELEPHONE NUMBER WITH AREA CODE</th>
<th>EMAIL ADDRESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wilbur M Souders/Aylett Survey and Engineering Co.</td>
<td>(816) 436-0732</td>
<td><a href="mailto:wil@sams-survey.com">wil@sams-survey.com</a></td>
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<table>
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<tr>
<th>ADDRESS</th>
<th>CITY</th>
<th>STATE</th>
<th>ZIP CODE</th>
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<tbody>
<tr>
<td>210 NW 72nd Street</td>
<td>Gladstone</td>
<td>MO</td>
<td>64084</td>
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### 6.0 RECEIVING WASTEWATER TREATMENT FACILITY

<table>
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<th>NAME</th>
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<td>Smithville WWTP</td>
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<tr>
<th>MISSOURI STATE OPERATING PERMIT #</th>
<th>REMAINING CAPACITY (GPD)</th>
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<tbody>
<tr>
<td>MO 0055204</td>
<td>350000</td>
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6.1 Has the receiving treatment facility agreed to accept the additional wastewater flow? [ ] YES [ ] NO

6.2 A letter from the receiving wastewater treatment facility, if different than the continuing authority, is included with this application. [ ] YES [ ] NO [ ] N/A

### 7.0 Application Fee

- [ ] Check Number
- [ ] 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**

[Signature]

**PROJECT OWNER PRINTED NAME**

Jack Hendrix

**TITLE OR CORPORATION POSITION**

Development Director

**TELEPHONE NUMBER WITH AREA CODE**

816-215-1956

**DATE**

6-7-21

**MAIL COMPLETED COPY TO:**

MISSOURI DEPARTMENT OF NATURAL RESOURCES
WATER PROTECTION PROGRAM
P.O. BOX 176
JEFFERSON CITY, MO 65102-0176