

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: MOGSE0278
Title of Project: Homestead Hills 2nd Plat
Owner: South Withers Road Development, LLC
Address: 8611 N Donnelly Ave
Kansas City, MO 64157

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: MO0137111

for the construction of (described construction project):

Homestead Hills 2nd Plat - Construction of approximately 2,451 lf of 8-inch PVC SDR-26 gravity sewer lines with approximately 11 manholes to serve a 141 PE and a design average flow of 14,060 gpd.

Project is in the vicinity of South Withers Rd. in the City of Liberty, Clay County and discharges to an existing system to be treated at Liberty WWTF, MO-0137111. John Findlay P.E., City Engineer, with the City of Liberty provided an acceptance letter dated September 13, 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.

October 21, 2021

Issue Date

Handwritten signature of Edward B. Galbraith in blue ink.

Edward B. Galbraith, Director
Division of Environmental Quality

October 20, 2023

Expiration Date

Handwritten signature of Chris Wieberg in black ink.

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



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

| FOR DEPARTMENT USE ONLY | |
|--------------------------|-------------------|
| APP NO. | CP NO. |
| FEE RECEIVED \$300.00 | CHECK NO. 6215 |
| DATE RECEIVED 10-4-21 | |

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* or a Sewer Extension Design Checklist* included?
 Sewer Extension Design Checklist. (N/A to department funded projects.) Engineering Report Date of Approval: _____
- 1.3 Is a copy of the appropriate plans* and specifications* included with this application?
 YES Denote which form is submitted: Hard copy (1 minimum) and Electronic copy (See instructions.) NO
- 1.4 Is a summary of design* included with this application? YES NO
- 1.5 Is the appropriate fee (\$300) included with this application? 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
 Homestead Hills 2nd Plat

| PHYSICAL ADDRESS | CITY | STATE | ZIP CODE | COUNTY |
|--------------------|---------|-------|----------|--------|
| South Withers Road | Liberty | MO | 64068 | Clay |

2.2 Legal Description: ¼, ¼, NE ¼, Sec. 24, T 51, R 32
 2.3 UTM Coordinates Easting (X): 375100.79 Northing (Y): 4341754.68
 For Universal Transverse Mercator (UTM), Zone 15 North referenced to North American Datum 1983 (NAD83)

2.4 Project Components (check all that apply):
 Gravity sewers Pumping stations Force mains Alternative sewer system Other (Describe below.)

2.5 PROJECT DESCRIPTION
 2,447 ft. of 8" PVC SDR 26, 2,138 ft. of 4" Service Lines SDR 26, and 11 manholes for 38 lot single family residential development.

2.6 DESIGN INFORMATION

- A. Population or number of lots to be served by this extension: 38 Lots
- B. Estimated flow to be contributed by this extension: Design Average Flow: 44400 gpd Design Peak Hourly Flow: 3700 gph
- C. Industrial Wastes: Type: na Flow: na gpd 30 x 100 x 3.7 x (peak factor 4)
- D. Receiving Sewer: Size: 24 inches Capacity: 4712 gpm

3.0 PROJECT OWNER

| | | | |
|---|---|----------------------------------|-------------------|
| NAME Dan Carr, South Withers Road Development, LLC | TELEPHONE NUMBER WITH AREA CODE 210-8682 | EMAIL ADDRESS dcarr@usfpc.com | |
| ADDRESS 8611 N. Donnelly Ave. | CITY Kansas City | STATE MO | ZIP CODE 64157 |

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 John Findlay, PE / City of Liberty | TELEPHONE NUMBER WITH AREA CODE (816) 439-4507 | EMAIL ADDRESS jfindlay@libertymo.gov | |
| ADDRESS 101 E Kansas St. | CITY Liberty | STATE MO | ZIP CODE 64068 |

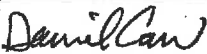
4.1 A letter from the continuing authority or the Continuing Authority and Receiving Wastewater Treatment Facility Acceptance form, if different than the owner, is included with this application. YES NO N/A

5.0 ENGINEER

| | | | |
|---|---|---|-------------------|
| ENGINEER NAME / COMPANY NAME Art Akin, PE / AGC Engineers, INC | TELEPHONE NUMBER WITH AREA CODE (816) 781-4200 | EMAIL ADDRESS aakin@agcengineers.com | |
| ADDRESS 405 S. Leonard, Street Liberty, MO | CITY Liberty | STATE MO | ZIP CODE 64068 |

RECEIVED

OCT 4 2021

| 6.0 RECEIVING WASTEWATER TREATMENT FACILITY | | |
|--|---|---------------------------------------|
| NAME Liberty WWTP | TELEPHONE NUMBER WITH AREA CODE (816) 439-4760 | EMAIL ADDRESS dulmen@libertymo.gov |
| MISSOURI STATE OPERATING PERMIT # MO-013711 | DESIGN AVERAGE FLOW (GPD) 5,100,000 | REMAINING CAPACITY (GPD) 3,100,000 |
| 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 or the Continuing Authority and Receiving Wastewater Treatment Facility Acceptance form, if different than the continuing authority, is included with this application. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input 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 Dan Carr | DATE 09/20/2020 | |
| TITLE OR COPORATE POSITION Member, South Withers Road Development, LLC | TELEPHONE NUMBER WITH AREA CODE (816) 210-8682 | EMAIL ADDRESS dcarr@usfpc.com |
| Mail completed copy to: MISSOURI DEPARTMENT OF NATURAL RESOURCES WATER PROTECTION PROGRAM P.O. BOX 176 JEFFERSON CITY, MO 65102-0176 | | |