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

Construction Permit ID: MOGSE0115
Title of Project: Woodlawn Estates 1st Plat
Owner: Woods Custom Homes, LLC
Address: 2800 NW Hunter Drive
Blue Springs, MO 64014

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: Jackson Receiving Permit ID: MO0131962

for the construction of (described construction project):

Woodlawn Estates 1st Plat-Construction of approximately 4,342 lf of 8-inch PVC SDR-26 gravity sewer lines with approximately 23 manholes to serve 55 homes and a design average flow of 20,350 gpd.

Project is in the vicinity of U.S. Highway 50 and State Route 7 in Lake Lotawana, Jackson County and discharges to an existing system to be treated at Lake Lotawana CID WWTP 1, MO-0131962. Eric W. Collins, attorney for the Lake Lotawana Community Improvement District, provided an acceptance letter dated September 30, 2020.

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.

November 16, 2020
Issue Date
Edward B. Galbraith, Director
Division of Environmental Quality

November 15, 2022
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.


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

RECEIVED
DCT 2 8 2020

Water Protection Program

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: 

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
WOODLAWN ESTATES 1ST PLAT

ADDRESS
US HWY 50 AND STATE ROUTE 7

CITY
LAKE LOTAWANA

STATE
MO

ZIP CODE
64086

COUNTY
JACKSON

2.2 Legal Description: ¼, ¼, NE ¼, Sec. 18, T 47, R 30

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

2.4 PROJECT DESCRIPTION
Project consists of installing sanitary sewer including approximately 4,342 LF of 8" PVC and 3,468 LF of 6" PVC (SDR26). The new sewers will have 83 new connections and tie into an existing pump station. The pump station and force main will be submitted under a separate permit.

2.5 DESIGN INFORMATION
A. Population or number of lots to be served by this extension: 55 Residential Lots

B. Estimated flow to be contributed by this extension: Design Average Flow: 16951gpd Design Peak Hourly Flow: 28680 gph

C. Industrial Wastes: Type: None Flow: N/A gpd

D. Receiving Sewer: Size: 8 inches Capacity: 619 gpm

3.0 PROJECT OWNER:

NAME
Woods Custom Homes, LLC

ADDRESS
2800 NW Hunter Drive

TELEPHONE NUMBER WITH AREA CODE
(816) 228-1188

E-MAIL ADDRESS
shawn@ashlarhomeskc.com

NAME
Collins & Jones

ADDRESS
1010 W. Foxwood Dr.

TELEPHONE NUMBER WITH AREA CODE
(816) 318-9966

E-MAIL ADDRESS
ecollins@collinsjones.com

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
Collins & Jones

ADDRESS
1010 W. Foxwood Dr.

TELEPHONE NUMBER WITH AREA CODE
(816) 318-9966

E-MAIL ADDRESS
ecollins@collinsjones.com

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
Schlagel & Associates, P.A.

ADDRESS
14920 W 107th Street

TELEPHONE NUMBER WITH AREA CODE
(913) 492-5158

E-MAIL ADDRESS
jhatcock@schlagelassociates.com

NAME
Lake Lotawana Sewer District #1

ADDRESS

TELEPHONE NUMBER WITH AREA CODE
(858) 344-6678

E-MAIL ADDRESS
shawnabrown.esq@gmail.com

6.0 RECEIVING WASTEWATER TREATMENT FACILITY

NAME
Lake Lotawana Sewer District #1

ADDRESS

TELEPHONE NUMBER WITH AREA CODE
(858) 344-6678

E-MAIL ADDRESS
shawnabrown.esq@gmail.com
<table>
<thead>
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<th>Remaining Capacity (GPD)</th>
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<td>102530</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 **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.

**Printed Name:** Woods Custom Homes, by Shawn Woods

**Title or Corporate Position:** Managing Member

**Telephone Number with Area Code:** (816) 228-1188

**E-mail Address:** shawn@ashlarhomeskc.com

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