

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: MOGSE0289
Title of Project: Woodlawn Estates 3rd Plat
Owner: Ashlar Homes LLC
Address: 2800 NW Hunter Drive
Blue Springs, MO 64015

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 3rd Plat - Construction of approximately 1,180 lf of 8-inch PVC SDR-26 and 1,975 lf of 6-inch PVC SDR-26 gravity sewer lines with approximately 6 manholes to serve a 148 PE and a design average flow of 14,800 gpd.

Project is in the vicinity of US Highway 50 and State Route 7 in Lake Lotawana, Jackson County and discharges to an existing system to be treated at Lake Lotawana CID Sewer Plant 1, MO-0131962. Eric W. Collins, Attorney, representing Lake Lotawana CID Sewer Plant 1 provided an acceptance letter dated September 30, 2020. Permit extended October 2023.

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 23, 2021

Issue Date

John Hoke, Director
Water Protection Program

December 31, 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)

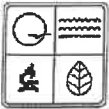
4. Protection of drinking water supplies must meet the requirements of 10 CSR 23-3.010 .
 - A. There shall be no physical connections between a public or private potable water supply system and a sewer, or appurtenance thereto, which would permit the passage of any wastewater or polluted water into the 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 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 7300.00	CHECK NO. 23089
DATE RECEIVED 10-28-21	

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*?
 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

RECEIVED

OCT 28 2021

Water Protection Program

* 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 3RD PLAT

ADDRESS	CITY	STATE	ZIP CODE	COUNTY
US HWY 50 AND STATE ROUTE 7	LAKE LOTAWANA	MO	64086	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 1,180 LF of 8" PVC and 1,975 LF OF 6" PVC (SDR26). The new sewers will have 40 new connections and tie into an existing pump station.

2.5 DESIGN INFORMATION

- A. Population or number of lots to be served by this extension: 20 Residential Multifamily Lots
- B. Estimated flow to be contributed by this extension: Design Average Flow: 14800 gpd Design Peak Hourly Flow: 2963 gph
- C. Industrial Wastes: Type: None Flow: N/A gpd
- D. Receiving Sewer: Size: 8 inches Capacity: 619 gpm

3.0 PROJECT OWNER

NAME Ashlar Homes LLC	TELEPHONE NUMBER WITH AREA CODE (816) 228-1188	E-MAIL ADDRESS vincent@ashlarhomeskc.com
ADDRESS 2800 NW Hunter Drive	CITY Blue Springs	STATE MO
		ZIP CODE 64015

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	TELEPHONE NUMBER WITH AREA CODE (816) 318-9966	E-MAIL ADDRESS ecollins@collinsjones.com
ADDRESS 1010 W. Foxwood Dr.	CITY Raymore	STATE MO
		ZIP CODE 64083

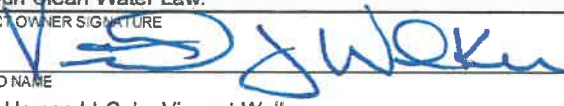
4.1 A letter from the continuing authority, if different than the owner, is included with this application. YES NO N/A

5.0 ENGINEER

ENGINEER NAME / COMPANY NAME Schlagel & Associates, P.A.	TELEPHONE NUMBER WITH AREA CODE (913) 492-5158	E-MAIL ADDRESS jhattock@schlagelassociates.com
ADDRESS 14920 W 107th Street	CITY Lenexa	STATE KS
		ZIP CODE 66215

6.0 RECEIVING WASTEWATER TREATMENT FACILITY

NAME Lake Lotawna Sewer District #1	TELEPHONE NUMBER WITH AREA CODE (858) 344-6678	E-MAIL ADDRESS shawnabrown.esq@gmail.com
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MISSOURI STATE OPERATING PERMIT # MO-0131962		REMAINING CAPACITY (GPD) 102530	
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 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 Ashlar Homes LLC, by Vincent Walker		DATE 10/25/21	
TITLE OR CORPORATE POSITION Director of Land & Development		TELEPHONE NUMBER WITH AREA CODE (816) 228-1188	E-MAIL ADDRESS vincent@ashlarhomeskc.com
Mail completed copy to:		MISSOURI DEPARTMENT OF NATURAL RESOURCES WATER PROTECTION PROGRAM P.O. BOX 176 JEFFERSON CITY, MO 65102-0176	

**INSTRUCTIONS FOR COMPLETING
APPLICATION FOR CONSTRUCTION PERMIT – SEWER EXTENSION**

All blanks must be filled in when the application is submitted to the Missouri Department of Natural Resources. This includes the **required signature**.

- 1.1 Check appropriate box. If the project is funded with federal or state monies, supply the funding agency name and project number.
- 1.2 Check appropriate box and provide the date of department approval.
Per 10 CSR 20-8.110(3)(C), engineering reports must be approved by the department prior to the submittal of plans and specifications and a construction permit application. "Engineering reports must be completed for projects involving gravity sewers, pressure sewer systems, wastewater pumping stations, and force mains" in accordance with 10 CSR 20-8.110(4)(A)4.
Engineering reports do not have to be submitted for projects limited to only 8-inch gravity sewer extensions, unless required by the department. See 10 CSR 20-8.110(4)(A)4.A.
The department has developed a fact sheet to aid in the development of an approvable engineering report. This document is available online at dnr.mo.gov/pubs/pub2415.pdf.
- 1.3 Check appropriate box. Provide a copy of the appropriate plans and specifications for department review when applying for a construction permit per 10 CSR 20-8.110(3)(C). A Missouri registered professional engineering seal, signature and date is required on each sheet of the plans and the cover of the technical specifications.
Note: Additional sets of plans and specifications may be required by the department for final approval and issuance of the construction permit. See 10 CSR 20-8.110(6)(A)1.
- 1.4 Check appropriate box.
A summary of design shall accompany the plans and specifications when applying for a construction permit per 10 CSR 20-8.110(5).
The department has developed a fact sheet to aid in the development of an acceptable summary of design. This document is available online at dnr.mo.gov/pubs/pub2417.pdf.
- 1.5 Check the appropriate box. Include fee with application.
 \$75 for a sewer extension less than 1,000 feet
 \$300 for a sewer extension 1,000 feet or greater, a pumping station, a force main, an alternative sewer system or an in collection storage project (above ground basin or below ground pipe)
Applicants proposing to build more than one sewer extension as part of a single project are required to pay only the higher fee. Example: If two pump stations and 2,000 feet of sewer line are to be constructed, the construction permit fee would only be the higher number of \$300. If 500 feet of sewer line and one pump station were to be constructed, the fee would be \$300.
If a wastewater treatment component(s) are to be constructed, this form is not applicable.
Note: Incomplete permit applications or related engineering documents will be returned by the department if they are not completed in the time frame established by the department in a comment letter to the project owner. Permit fees for returned applications shall be forfeited. See 10 CSR 20-6.010(4)(E). Permit fees for applications being processed by the department that are withdrawn by the applicant shall be forfeited. See 10 CSR 20-6.011(4)(B).
- 2.1 Provide the project name and location by street name or address.
- 2.2 Provide the project legal description. The department's mapping system is available online at www.dnr.mo.gov/internetmapviewer/.
- 2.3 Check all of the applicable boxes.
The Department considers anything other than a gravity sewer system to be an alternative sewer system. Examples of these systems are grinder pump pressure sewers, septic tank effluent pump, or STEP, sewers, septic tank effluent gravity, or STEG, sewers or small diameter gravity sewers.
- 2.4 Briefly describe the project by providing the following information:
 - A. Total number of manholes.
 - B. Size of sewers and the total linear feet of each size.
 - C. Number of lift stations and design average flow and peak hourly flow capacities of each lift station.
 - D. Size and length of force mains.
 - E. Alternative sewer size and length, plus the number of components (e.g. septic tanks, grinder pumps, etc.)
- 2.5 Provide the project design information and when required in the units specified.
 - A. Provide the population or number of lots to be served by the proposed sewer extension.
 - B. Provide the estimated design flow information in accordance with 10 CSR 20-8.110(4)(C)4.A.
Design average flow – The design average flow is the average of the daily volumes to be received for a continuous 12 month period expressed as a volume per unit time. However, the design average flow for

facilities having critical seasonal high hydraulic loading periods (e.g., recreational areas, campuses and industrial facilities) shall be based on the daily average flow during the seasonal period.

Design peak hourly flow – The design peak hourly flow is the largest volume of flow to be received during a one hour period expressed as a volume per unit time.

C. Provide the type and flow in gallons per day of industrial wastes received by the propose sewer extension.

D. Provide the receiving sewer size in inches and capacity in gallons per minute.

3.0 Complete Project Owner information. Include the legal name and address.

4.0 Complete Continuing Authority contact information. If same as the Project Owner, write "Same as above". Include the permanent organization that will serve as the continuing authority for the operation, maintenance and modernization of the wastewater collection system. See 10 CSR 20-6.010(3) for the regulatory requirement regarding continuing authority.

4.1 Check appropriate box.

Include a letter signed by the continuing authority (if not same as the project owner) stating they will "accept, operate and maintain" the sewer extension.

If the continuing authority will not accept and agree to operate and maintain the sewer extension, this application will be considered incomplete.

5.0 Complete Engineer contact information.

6.0 Complete Receiving Wastewater Treatment Facility information. Include the Missouri State Operating Permit number and the available remaining capacity in gallons per day, or gpd.

6.1 Check appropriate box.

The receiving wastewater treatment facility must be notified and agree to the proposed sewer extension and additional flow, prior to submitting a construction permit to the department.

If the receiving wastewater treatment facility will not accept the wastewater, this application will be considered incomplete.

6.2 Check appropriate box.

Include a letter from the receiving wastewater treatment facility (if not same as the continuing authority) acknowledging and accepting the additional flow from the proposed sewer extension.

7.0 All applications must be signed as follows in accordance with 10 CSR 20-6.010(2)(B) and the signatures must be **original**:

A. For a corporation, by an officer having responsibility for the overall operation of the regulated facility or activity or for environmental matters.

B. For a partnership or sole proprietorship, by a general partner or the proprietor.

C. For a municipal, state, federal or other public facility, by either a principal executive officer or by an individual having overall responsibility for environmental matters at the facility.

Mail the completed form and applicable fee to the department.

If there are any questions concerning this form, please contact the Department of Natural Resources, Water Protection Program at 573-751-1300.