



**MISSOURI**  
DEPARTMENT OF  
NATURAL RESOURCES

**Michael L. Parson**  
Governor

**Dru Buntin**  
Director

March 13, 2023

Daniel Villanueva  
Entres Development, LLC  
424 Northeast Brockton Drive  
Lee's Summit PWS, MO 64064

RE: Lee's Summit PWS, MO1010459, Jackson County, Review Number 1000014-23

Dear Daniel Villanueva:

Enclosed is approval on plans for a waterline extension and replacement to serve Orchard Grove in Lee's Summit PWS of Jackson County, Missouri.

Please be advised this facility may be required to obtain other permits from the Missouri Department of Natural Resources or local jurisdictions. It is your responsibility to ensure that any and all necessary permits for this project have been obtained.

**NOTE:** The minimum size of a water main for providing fire protection and serving fire hydrants shall be six inches in diameter.

**NOTE:** The proposed waterline will connect to an existing 8-inch main that will provide an available flow of 61 gallons per minute and a pressure of 59 psi.

**NOTE:** The Public Water System is responsible for notifying the well owner of their obligation to plug any abandoned well when a connection is made to a new customer or location previously served by a private well, pursuant to the requirements of Section 256.628 RSMo. The Public Water System is also responsible for providing the well owner with notification forms for the owner to complete. The Public Water System must submit these forms to the Department within 60 days of the connection.

**NOTE:** You, as the applicant, should be aware that you will need to obtain final construction approval from the Department for this project, once it has been constructed and completed. In order to do this, you will need to have your engineer complete the enclosed "Statement of Work Completed" form, or online at <https://dnr.mo.gov/document-search/public-drinking-water-construction-statement-work-completed-mo-780-2825>. This may require you to make additional arrangements with your engineer to provide this service to you. Once your engineer has completed this form for you, you should return it to this office. We will then make arrangements with our regional office staff to conduct a final inspection and issue a final construction approval.



If you were adversely affected by this decision, you may be entitled to pursue an appeal before the Administrative Hearing Commission (AHC). To appeal, you must file a petition with the AHC within 30 days after the date this decision was mailed or the date it was delivered, whichever date was earlier. If any such petition is sent by registered mail or certified mail, it will be deemed filed on the date it is mailed; if it is sent by any method other than registered mail or certified mail, it will be deemed filed on the date it is received by the AHC. Any appeal must be directed to: Administrative Hearing Commission, United States Post Office Building, Third Floor, 131 West High Street, P.O. Box 1557, Jefferson City, MO 65102. Phone: 573-751-2422, fax: 573-751-5018, and website: [www.oa.mo.gov/ahc](http://www.oa.mo.gov/ahc).

If you have any questions concerning this construction permit approval or if you need any further assistance, please contact the Permits and Engineering Unit by phone at 573-751-5924, or contact the engineer by email at [clayton.resz@dnr.mo.gov](mailto:clayton.resz@dnr.mo.gov). You may also request to set up an appointment referred to as a Compliance Assistance Visit (CAV). CAVs will assist with understanding regulatory requirements, help with achieving and maintaining compliance, and provide a continuing resource for technical assistance. To request a CAV, please contact your local regional office or fill out an online request. Regional office contact information can be found at website: <https://dnr.mo.gov/about-us/division-environmental-quality/regional-office>. The online CAV request can be found at <https://dnr.mo.gov/compliance-assistance-enforcement/request-visit>. Thank you.

Sincerely,

WATER PROTECTION PROGRAM



Brandon Bach, P.E.  
Permits and Engineering Unit Chief  
Public Drinking Water Branch

BB:crm

Enclosure

c: Lee's Summit  
Phelps Engineering, Inc.  
Kansas City Regional Office

# DEPARTMENT OF NATURAL RESOURCES OF MISSOURI

## APPROVAL ON PLANS FOR A WATERLINE EXTENSION AND REPLACEMENT

Lee's Summit PWS  
Jackson County, Missouri

Review Number 1000014-23

### INTRODUCTION

Detailed plans dated January 30, 2023, for a waterline extension and replacement to serve Lee's Summit PWS in Jackson County, Missouri, were submitted for review and approval by Phelps Engineering, Inc., in Olathe, Kansas. These plans were used in conjunction with standard specifications previously approved under Review Number 1000139-19.

### BRIEF DESCRIPTION

In general, these plans provide for a waterline extension and replacement to serve Orchard Woods, in Lee's Summit PWS. Approximately 2,550 lineal feet of 8-inch SDR-21 Class 200 PVC pipe conforming to American Water Works Association (AWWA) standards will be installed. Approximately 181 lineal feet of the water main installed will be replacement of existing water main. The necessary valves, fittings, hydrants, and other appurtenances will conform to AWWA standards as per detailed plans and specifications. Before being placed into service, the waterlines will be pressure tested, flushed, disinfected, and sampled for bacteriological analyses.



Clayton Resz, E.I.T.  
Drinking Water Permits and Engineering Unit

### APPROVAL TO CONSTRUCT

The engineering plans and specifications described above were examined as to sanitary features of design which may affect the operation of the sanitary works, including size, capacities of the units, and factors which may affect the efficiency and ease of operation. Approval as regards these points is hereby given.

Approval is given with the understanding that final inspection and approval of the completed work shall be made by the Department of Natural Resources before same is accepted and placed in operation. If construction is not commenced two (2) years after the date of issue or there is a halt in construction of more than two years, the approval to construct will be void unless an extension of time has been granted by the department.

In the examination of plans and specifications, the Department of Natural Resources, Public Drinking Water Program does not examine the structural features of design or efficiency of mechanical equipment. This approval does not include approval of these features.

The Department of Natural Resources, Public Drinking Water Program reserves the right to withdraw the approval of plans and specifications at any time it is found that additional treatment or alterations are necessary to assure reasonable operating efficiency and to afford adequate protection to public health.