

**Missouri Department of** dnr.mo.gov

# **NATURAL RESOURCES**

Michael L. Parson, Governor

Carol S. Comer, Director

**MAR 11 2019**

The Honorable Charley Bill Pittman, Mayor  
City of Unionville  
P.O. Box 255  
1611 Grant Street  
Unionville, MO 63565-0255

RE: C295720-01 City of Unionville, Missouri  
Unionville Sanitary Sewer Improvements, MO-0054569  
Construction Permit No. CPSE01030, Putnam County  
Construction Permit Time Extension

Dear Mayor Pittman:

The Missouri Department of Natural Resources' Water Protection Program received a construction permit extension request on February 19, 2019, for the City of Unionville. The request for additional time for Construction Permit No. CPSE01030 has been granted and will expire July 19, 2019. This permit extension authorizes construction of the facilities described on the permit dated April 27, 2017. This construction permit extension does not supersede any requirements of the operating permit or enforcement actions.

In accordance with 10 CSR 20-6.010(5)(J), the Department can grant additional time extensions. Thus, if the project is not complete by July 19, 2019, the applicant must submit a construction permit extension request 30 days prior to the expiration of this permit extension.

If you were adversely affected by this decision, you may be entitled to an appeal before the Administrative Hearing Commission (AHC) pursuant to 10 CSR 20-1.020 and Section 621.250, RSMo. 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. Contact information for the AHC is: 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).



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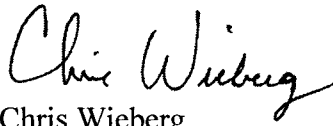
The Honorable Charley Bill Pittman, Mayor  
Page 2

If you have any questions concerning this matter, please contact Mr. Patrick Anderson, P.E., at 573-751-1188 or Department of Natural Resources, Water Protection Program, P.O. Box 176, Jefferson City, MO 65102-0176.

Thank you for your efforts to help ensure clean water in Missouri.

Sincerely,

WATER PROTECTION PROGRAM

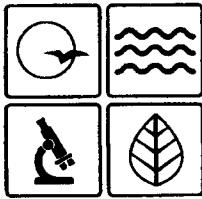
A handwritten signature in black ink that reads "Chris Wieberg". The signature is written in a cursive, flowing style.

Chris Wieberg  
Director

CW:pan

Enclosure

c: Mr. Joshua Stewart, P.E., Benton and Associates, Inc.  
Northeast Regional Office  
Ms. Kara Simon, Water Protection Program, Financial Assistance Center  
Mr. Patrick Anderson, P.E., Water Protection Program, Financial Assistance Center



**Missouri Department of** dnr.mo.gov

# **NATURAL RESOURCES**

Eric R. Greitens, Governor

Carol S. Comer, Director

March 19, 2018

The Honorable Charley Bill Pittman, Mayor  
City of Unionville  
P.O. Box 255  
1611 Grant Street  
Unionville, MO 63565-0255

RE: C295720-01 City of Unionville, Missouri – Unionville Sanitary Sewer Improvements,  
MO-0054569, Construction Permit No. CPSE01030, Construction Permit Time  
Extension

Dear Mayor Pittman:

The Missouri Department of Natural Resources' Water Protection Program received a construction permit extension request on March 9, 2018, for the City of Unionville. The request for additional time for Construction Permit No. CPSE01030 has been granted for a period of 12 months and will expire April 27, 2019. This permit extension authorizes construction of the facilities described on the permit dated April 27, 2017.

In accordance with 10 CSR 20-6.010(4)(G), the Department can only grant time extensions once. Thus, if the project is not complete by April 27, 2019, the applicant must submit a new construction permit application and fee.

If you were adversely affected by this decision, you may be entitled to an appeal before the Administrative Hearing Commission (AHC) pursuant to 10 CSR 20-1.020 and Section 621.250, RSMo. To appeal, you must file a petition with the AHC within thirty 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. Contact information for the AHC is: Administrative Hearing Commission, United States Post Office Building, Third Floor, 131 West High Street, P.O. Box 1557, Jefferson City, Missouri 65102, Phone: 573-751-2422, Fax: 573-751-5018, and Website: [www.oa.mo.gov/ahc](http://www.oa.mo.gov/ahc).



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The Honorable Charley Bill Pittman, Mayor  
March 19, 2018  
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If you have any questions concerning this matter, please contact Mr. Terry Nelson, P.E., at 573-526-2415 or Department of Natural Resources, Water Protection Program, P.O. Box 176, Jefferson City, MO 65102-0176.

Thank you for your efforts to help ensure clean water in Missouri.

Sincerely,

WATER PROTECTION PROGRAM

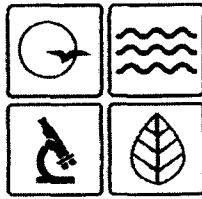
A handwritten signature in cursive script that reads "Shawn Muenks".

Shawn Muenks, P.E., SRF Engineering Unit Chief  
Financial Assistance Center

SM:tnn

Enclosure

c: Mr. Adam Dorrell, P.E., Benton & Associates, Inc.  
Northeast Regional Office  
Mr. Terry Nelson, P.E, Water Protection Program, Financial Assistance Center  
Ms. Laura Richardson, Water Protection Program, Financial Assistance Center



Missouri Department of dnr.mo.gov  
**NATURAL RESOURCES**

Eric R. Greitens, Governor

Carol S. Comer, Director

April 27, 2017

The Honorable Charley Bill Pittman, Mayor  
City of Unionville  
P.O. Box 255  
1611 Grant Street  
Unionville, MO 63565-0255

RE: C295720-01 City of Unionville, Missouri – Unionville Sanitary Sewer Improvements,  
MO-0054569, Construction Permit No. CPSE01030

Dear Mayor Pittman:

The Missouri Department of Natural Resources' Water Protection Program has reviewed and approved the plans and specifications submitted by Benton & Associates Inc. for the city of Unionville. Please find enclosed Construction Permit No. CPSE01030 and one set of approved specifications. One set of approved plans has been sent under separate cover by Mr. Terry Nelson of my staff. You must maintain these with your official project file for a minimum of four years following completion of the project.

This permit will terminate 12 months from the date of issuance. In accordance with 10 CSR 20-6.010(4)(G), the department may grant an extension only one time. If you believe that an extension is necessary, you must submit a request and a justification in writing for the extension at least 30 days prior to the permit expiration date.

Nothing in this permit removes any obligations to comply with county or other local ordinances or restrictions.

If you were adversely affected by this decision, you may be entitled to an appeal before the Administrative Hearing Commission (AHC) pursuant to 10 CSR 20-1.020 and Section 621.250, RSMo. 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. Contact information for the AHC is: 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).



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The Honorable Charley Bill Pittman, Mayor  
Page Two

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Thank you for your efforts to help ensure clean water in Missouri.

Sincerely,

WATER PROTECTION PROGRAM

A handwritten signature in cursive script that reads "Shawn Muenks".

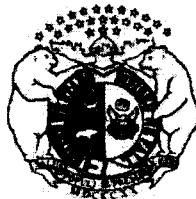
Shawn Muenks, P.E., SRF Engineering Unit Chief  
Financial Assistance Center

SM:tnn

Enclosures

c: Mr. Adam Dorrell, P.E., Benton & Associates, Inc.  
Northeast Regional Office  
Mr. Terry Nelson, P.E, Water Protection Program, Financial Assistance Center  
Ms. Laura Richardson, Water Protection Program, Financial Assistance Center

STATE OF MISSOURI  
DEPARTMENT OF NATURAL RESOURCES  
MISSOURI CLEAN WATER COMMISSION



## CONSTRUCTION PERMIT

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

City of Unionville  
P.O. Box 255  
1611 Grant Street  
Unionville, MO 63565-0255

for the construction of (described facilities):

See attached.

Permit Conditions:

See attached.

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.

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.

A representative of the department may inspect the work covered by this permit during construction. Issuance of a permit to operate by the department will be contingent on the work substantially adhering to the approved plans and specifications.

This permit applies only to the construction of water pollution control components; it does not apply to other environmentally regulated areas.

April 27, 2017  
Effective Date

April 26, 2018  
Expiration Date

Steven Feeler, Acting Director, Division of Environmental Quality

David J. Lamb, Acting Director, Water Protection Program

## **CONSTRUCTION PERMIT**

### **COLLECTION SYSTEM:**

The proposed wastewater collection system rehabilitation will consist of installation of a new 18-inch diameter relief sewer, replacement of existing 6-inch and 8-inch diameter sewer mains, lining of existing 6-inch and 8-inch sewer mains, and the rehabilitation of numerous sanitary sewer manholes, including the re-connection of sewer service laterals.

These wastewater facilities are located throughout the town and discharge to an existing sewer system to be treated at either the Unionville North WWTF, Missouri State Operating Permit No. MO-0054569 or Unionville South WWTF, Missouri State Operating Permit No. MO-0026646.

### **PERMIT CONDITIONS:**

The permittee is authorized to construct subject to the following conditions:

1. All construction shall be in accordance with the plans and specifications submitted by Benton & Associates Inc. on May 3, 2016 and signed and sealed by Mr. Adam Dorrell, P.E. on May 2, 2016 and approved by the department on April 27, 2017.
2. Regulation 10 CSR 20-4.040(19)(B)1 requires that projects be publicly advertised, allowing sufficient time for bids to be prepared and submitted. Projects should be advertised at least 30 days prior to bid opening.
3. The department must be contacted in writing prior to making any changes to the approved plans and specifications that would directly or indirectly have an impact on the capacity, flow, system layout, or reliability of the proposed wastewater treatment facilities or any design parameter that is addressed by 10 CSR 20-8, in accordance with 10 CSR 20-8.110(8).
4. As per 10 CSR 20-4.040, all changes in contract price or time within the approved scope of work must be by change order in accordance with Section 20 of this rule.
5. This construction permit does not authorize discharge.
6. 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 Northeast Regional Office per 10 CSR 20-7.015(9)(E)2.



7. Protection of drinking water supplies shall be in accordance with 10 CSR 20-8.120(10). "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. No water pipe shall pass through or come in contact with any part of a sewer manhole."
- A. Sewers in relation to water works structures shall meet the requirements of 10 CSR 23-3.010 with respect to minimum distances from public water supply wells or other water supply sources and structures.
  - B. Sewer mains shall be laid at least 10 feet horizontally from any existing or proposed water main. The distances shall be measured edge-to-edge. In cases where it is not practical to maintain a 10 foot separation, the department may allow a deviation on a case-by-case basis, if supported by data from the design engineer. Such a deviation may allow installation of the sewer closer to a water main, provided that the water main is in a separate trench or on an undisturbed earth shelf located on either side of the sewer and at an elevation so the bottom of the water main is at least 18 inches above the top of the sewer. If it is impossible to obtain proper horizontal and vertical separation as described above for sewers, the sewer must be constructed of slip-on or mechanical joint pipe or continuously encased and be pressure tested to 150 pounds per square inch to assure water tightness.
  - C. Manholes should be located at least 10 feet horizontally from any existing or proposed water main.
  - D. Sewers crossing water mains shall be laid to provide a minimum vertical distance of 18 inches between the outside of the water main and the outside of the sewer. This shall be the case where the water main is either above or below the sewer. The crossing shall be arranged so that the sewer joints will be equidistant and as far as possible from the water main joints. Where a water main crosses under a sewer, adequate structural support shall be provided for the sewer to maintain line and grade. When it is impossible to obtain proper vertical separation as stipulated above, one of the following methods must be specified:
    - 1) The sewer shall be designed and constructed equal to the water pipe and shall be pressure tested to assure water tightness prior to backfilling; or
    - 2) Either the water main or sewer line may be continuously encased or enclosed in a watertight carrier pipe which extends 10 feet on both sides of the crossing, measured perpendicular to the water main. The carrier pipe shall be of materials approved by the department for use in water main construction.

8. In addition to the requirements for a construction permit, 10 CSR 20-6.200 requires land disturbance activities of 1 acre or more 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 may only be obtained by means of the department's ePermitting system available online at [www.dnr.mo.gov/env/wpp/epermit/help.htm](http://www.dnr.mo.gov/env/wpp/epermit/help.htm). See [www.dnr.mo.gov/env/wpp/stormwater/sw-land-disturb-permits.htm](http://www.dnr.mo.gov/env/wpp/stormwater/sw-land-disturb-permits.htm) for more information.
9. 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/](http://www.dnr.mo.gov/env/wpp/401/) for more information.
10. Upon completion of construction:
  - A. The city will become the continuing authority for operation, maintenance, and modernization of these facilities;
  - B. Submit the enclosed form Statement of Work Completed to the department in accordance with 10 CSR 20-6.010(5)(D); and
  - C. Submit an electronic copy of the as-built plans.