



MATTHEW G. BEVIN  
GOVERNOR

CHARLES G. SNAVELY  
SECRETARY

**ENERGY AND ENVIRONMENT CABINET**  
**DEPARTMENT FOR ENVIRONMENTAL PROTECTION**

ANTHONY R. HATTON  
COMMISSIONER

300 SOWER BOULEVARD  
FRANKFORT, KENTUCKY 40601

**STREAM CONSTRUCTION PERMIT**  
**For Construction In Or Along A Stream**

Issued to: **Louisville Gas & Electric Co**  
Address: **6900 Enterprise Drive**  
**Louisville, KY 40214**  
**Attn.: Stephen Beatty**

Permit expires on

**May 8, 2020**

Permit No. **28801P**

AI: **120218**

In accordance with KRS 151.250 and KRS 151.260, the Energy and Environment Cabinet approves the application dated **March 14, 2019** for **open trench & HDD installation of 11.84 miles of 12" natural gas pipeline across the floodplains of Cox Creek, (RMI 2.3), Rocky Run (RMI 0.1), Greens Branch (RMI 0.2), Cedar Creek (RMI 7.5), Lickskillet Creek Tributary 1, (RMI 2.4) and Lickskillet Creek (RMI 3.6) with coordinates on the east end of 37.98782, -85.50870 and the west end of 37.94671, -85.68415, southeast of Shepherdsville in Bullitt County.**

There shall be no deviation from the plans and specifications submitted and hereby approved unless the proposed change shall first have been submitted to and approved in writing by the Cabinet. This approval is subject to the attached limitations. **Please read these limitations carefully!** If you are unable to adhere to these limitations for any reason, please contact this office prior to construction.

This permit is valid from the standpoint of stream obstruction only. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits or licenses required by this Cabinet and other state, federal and local agencies. Specifically if the project involves work in a stream, such as bank stabilization, dredging, relocation, or in designated wetlands, a 401 Water Quality Certification from the Division of Water will be required.

This permit is nontransferable and is not valid unless actual construction of this authorized work is begun prior to the expiration date noted above. Any violation of the Water Resources Act of 1966 as amended is subject to penalties as set forth in KRS 151.990.

If you have any questions regarding this permit, please call Mr. Ross Bishop at 502-782-6891.

**Issued May 8, 2019.**

**Ron Dutta, P.E., Supervisor**  
Floodplain Management Section  
Water Resources Branch  
Division of Water

RD/RB/rd

pc: Louisville Regional Office  
Felicia Harper – Bullitt County Floodplain Coordinator  
Tim Meeks, CARDNO  
File



## Stream Construction Permit

LG&E Pipeline - Bullitt Co

Facility Requirements

Permit Number: 28801P

Activity ID No.:APE20190001

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**PORT000000001 (AI: 120218 - Gas Pipeline) installation of 11.84 miles of 12" natural gas pipeline across the floodplain of Cox Creek, RMI 2.3, Rocky Run, RMI 0.1, Greens Branch, RMI 0.2, Cedar Creek, RMI 7.5, Lickskillet Creek Tributary 1, RMI 2.4 and Lickskillet Creek, RMI 3.6, with coordinates on the east end of 37.98782, -85.50870 and the west end of 37.94671, -85.68415, southeast of Sheperdsville in Bullitt County.:**

### Submittal/Action Requirements:

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Condition No.	Condition
S-1	Louisville Gas & Electric must submit final construction report within 90 days after completion of construction. Louisville Gas & Electric must certify, in writing, that the project has been completed in accordance with the approved plans and specifications. A Final Construction Report Form is enclosed. [401 KAR 4:060 Section 6]

### Narrative Requirements:

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Condition No.	Condition
T-1	The issuance of this permit by the cabinet does not convey any property rights of any kind or any exclusive privilege. [KRS 151.250 & 401 KAR 4:060]
T-2	This permit is issued from the standpoint of stream obstruction only and does not constitute certification of any other aspect of the proposed construction. The applicant is liable for any damage resulting from the construction, operation, or maintenance of this project. This permit has been issued under the provisions of KRS Chapter 151.250 and regulations promulgated pursuant thereto. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits or licenses required by this Cabinet and other state, federal and local agencies. [KRS 151.250]
T-3	A copy of this permit must be available at the construction site. [KRS 151.250]
T-4	Any work performed by or for Louisville Gas & Electric that does not fully conform to the submitted application or drawings and the limitations set forth in this permit, is subject to partial or total removal and enforcement actions pursuant to KRS 151.280 as directed by the Kentucky Department for Environmental Protection. [KRS 151.280]
T-5	Any design changes or amendments to the approved plans must be submitted to the Division of Water and approved in writing prior to implementation. [KRS 151.250]
T-6	Since Bullitt County participates in the National Flood Insurance Program, a local floodplain permit must be obtained prior to beginning of construction. Upon completion of construction Louisville Gas & Electric must contact the local permitting agency for final approval of the construction for compliance with the requirements of the local floodplain ordinance. [401 KAR 4:060 Section 9(c)]

## Stream Construction Permit

LG&E Pipeline - Bullitt Co

Facility Requirements

Permit Number: 28801P

Activity ID No.: APE20190001

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**PORT0000000001 (AI: 120218 - Gas Pipeline) installation of 11.84 miles of 12" natural gas pipeline across the floodplain of Cox Creek, RMI 2.3, Rocky Run, RMI 0.1, Greens Branch, RMI 0.2, Cedar Creek, RMI 7.5, Lickskillet Creek Tributary 1, RMI 2.4 and Lickskillet Creek, RMI 3.6, with coordinates on the east end of 37.98782, -85.50870 and the west end of 37.94671, -85.68415, southeast of Sheperdsville in Bullitt County.:**

### Narrative Requirements:

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Condition No.	Condition
T-7	Areas disturbed by the boring equipment in the regulatory floodplain, on both banks shall be restored to its approximate original ground surface level. [401 KAR 4:060]
T-8	To prevent collapse of the stream bed, sufficient cover shall be maintained between the channel bottom and the bore hole tunnel. [401 KAR 4:060]
T-9	The permittee must obtain a Water Quality Certification (or a determination that none is required) through the Division of Water, Water Quality Branch before beginning construction. Contact the Water Quality Certification Supervisor at (502) 564-3410. [KRS 224.16-050 & Clean Water Act Section 401]
T-10	Louisville Gas & Electric or any successor shall maintain the gas line in good condition and keep it free of drift and debris at all times. [401 KAR 4:060 Section 3(1), KRS 151.250]
T-11	Erosion prevention measures, sediment control measures, and other site management practices shall be designed, installed, and maintained in an effective operating condition to prevent migration of sediment off site. [KRS 224.70-110]
T-12	To avoid secondary adverse impacts, all materials used shall be stable and inert, free from pollutants and floatable objects, and shall meet all appropriate engineering standards. (Inert here means materials that are not chemically reactive and that will not rot or decompose, such as soil, rock, broken concrete or similar materials.). [401 KAR 4:060 Section 7]
T-13	Stream bank restoration and stabilization shall be limited to that necessary to restore the stream bank as closely as possible to its original location and configuration, and shall be completed without compromising the conveyance capacity of the stream at any time. [401 KAR 4:060]
T-14	All debris and excess material shall be removed for disposal outside of the base floodplain. [401 KAR 4:060]
T-15	Upon completion of construction all disturbed areas shall be seeded and mulched or otherwise stabilized to prevent erosion. [401 KAR 4:060]
T-16	The entry of mobile equipment into the stream channel shall be limited as much as reasonably possible to minimize degradation of the waters of the Commonwealth. [401 KAR 4:060]
T-17	The existing stream flow shall be maintained at all times during construction using standard flow diversion or pump around methods. Cofferdams or other structures placed in the stream shall be removed immediately if adverse flooding conditions result or if a flooding event is imminent. [401 KAR 4:060 Section 4]

**Stream Construction Permit**

LG&E Pipeline - Bullitt Co

Facility Requirements

Permit Number: 28801P

Activity ID No.:APE20190001

**PORT0000000001 (AI: 120218 - Gas Pipeline) installation of 11.84 miles of 12" natural gas pipeline across the floodplain of Cox Creek, RMI 2.3, Rocky Run, RMI 0.1, Greens Branch, RMI 0.2, Cedar Creek, RMI 7.5, Lickskillet Creek Tributary 1, RMI 2.4 and Lickskillet Creek, RMI 3.6, with coordinates on the east end of 37.98782, -85.50870 and the west end of 37.94671, -85.68415, southeast of Sheperdsville in Bullitt County.:**

**Narrative Requirements:**

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Condition No.	Condition
T-18	The Sub-fluvial crossing must meet the following criteria whichever is applicable: (1) During the construction of the crossing, no material may be placed in the stream or in the flood plain of the stream to form construction pads, coffer dams, access roads, etc., unless prior approval has been obtained from the cabinet. (2) The trench shall be backfilled as closely as possible to the original contour. All excess material from construction of the trench shall be disposed of outside of the flood plain unless the applicant has received prior approval from the cabinet to fill within the flood plain. (3) For subfluvial crossings of erodible channels, there shall be at least thirty (30) inches clear to the top of the pipe or conduit at all points. (4) For subfluvial crossings of nonerodible channels, there shall be at least six (6) inches of clear cover above the top of the pipe or conduit at all points, and the pipe or conduit shall be encased on all sides by at least six (6) inches of concrete. (5) The weight of a pipe and its contents during normal operating conditions at all points must exceed that of an equal volume of water, or the applicant must provide the division with sufficient information to show that the pipe and joints have sufficient strength. [401 KAR 4:050 Section 2]

# FINAL CONSTRUCTION REPORT

NAME: Louisville Gas & Electric Co

PERMIT NO: 28801P

AI NO: 120218 Activity ID: APE20190001

Has all work on this project been completed according to the plans and specifications on file with the Division of Water?

Yes: \_\_\_\_\_

No: \_\_\_\_\_ If no, explain. You may include attachments if necessary.

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Mailing Instructions

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- Fold the bottom edge of the page up to meet the top fold and tape shut.
- Fill out return address portion
- Affix a stamp and mail.

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Place  
Stamp  
Here

**Floodplain Management Section  
Division of Water  
300 Sower Boulevard  
Frankfort, KY 40601**