

**Water Quality Certification**  
Duke Energy Gas Pipeline - Boone Co  
Facility Requirements  
Permit Number: WQC# 2016-100-7  
Activity ID No.: APE20160002

**ACTV000000002 (UTs of Big Bone Cr, Mud Lick Cr, Gum Br, etc) Duke Energy Walton - Big Bone Natural Gas Pipeline Project - AI 129933:**

**Submittal/Action Requirements:**

---

Condition No.	Condition
S-1	Duke Energy shall submit notification : Due prior to any construction activity to the Kentucky Division of Water, 401 Water Quality Certification Section Supervisor at Stephanie.Hayes@ky.gov or at (502) 782-6970. [Clean Water Act]
S-2	Duke Energy shall submit notification : Due when construction is complete to the Kentucky Division of Water, 401 Water Quality Certification Section Supervisor at Stephanie.Hayes@ky.gov or at (502) 782-6970. [Clean Water Act]

**Narrative Requirements:**

---

Condition No.	Condition
T-1	<p>The work approved by this certification shall be limited to the proposed Duke Energy new 12-inch natural gas pipeline in Walton, Kentucky in Boone County. Proposed impacts to streams and wetlands include the following:</p> <ul style="list-style-type: none"><li>- 780 linear feet of 29 ephemeral streams, Unnamed Tributaries of Big Bone Creek, Beaver Branch, Mud Lick Creek, and Gum Branch</li><li>- 389 linear feet of 15 intermittent streams, Unnamed Tributaries of Big Bone Creek, Beaver Branch, and Mud Lick Creek</li><li>- 142 linear feet of 18 perennial streams, Unnamed Tributaries of Big Bone Creek, Beaver Branch, Mud Lick Creek, Gum Branch as well as Mud Lick Creek and Beaver Branch.</li><li>- 0.175 acre of Palustrine Emergent Wetland</li><li>- 0.090 acre of Palustrine Scrub Shrub Wetland. [Clean Water Act]</li></ul>
T-2	<p>All work performed under this certification shall adhere to the design and specifications set forth in the following documents:</p> <ul style="list-style-type: none"><li>- Application for Permit to Construct Across or Along a Stream and/or Water Quality Certification received April 28, 2016.</li><li>- Revised table of impacts received August 4, 2016. [Clean Water Act]</li></ul>
T-3	<p>Duke Energy is responsible for preventing degradation of waters of the Commonwealth from soil erosion. An erosion and sedimentation control plan must be designed, implemented, and maintained in effective operating condition at all times during construction. [Clean Water Act]</p>

**Water Quality Certification**  
Duke Energy Gas Pipeline - Boone Co  
Facility Requirements  
Permit Number: WQC# 2016-100-7  
Activity ID No.:APE20160002

**ACTV000000002 (UTs of Big Bone Cr, Mud Lick Cr, Gum Br, etc) Duke Energy Walton - Big Bone Natural Gas Pipeline Project - AI 129933:**

**Narrative Requirements:**

---

Condition No.	Condition
T-4	The Division of Water reserves the right to modify or revoke this certification should it be determined that the activity is in noncompliance with any condition set forth in this certification. [Clean Water Act]
T-5	If construction does not commence within one year of the date of this letter, this certification will become void. A letter requesting a renewal should be submitted. [Clean Water Act]
T-6	Other permits from the Division of Water may be required for this activity. If this activity occurs within a floodplain, a Permit to Construct Across or Along a Stream may be required. Please contact the Floodplain Section Supervisor (502-564-3410) for more information. If the project will disturb one acre or more of land, or is part of a larger common plan of development or sale that will ultimately disturb one acre or more of land, a Kentucky Pollution Discharge Elimination System (KPDES) stormwater permit shall be required from the Surface Water Permits Branch. This permit requires the development of a Stormwater Pollution Prevention Plan (SWPPP). The SWPPP must include erosion prevention and sediment control measures. Contact: Surface Water Permits Branch (SWPB) Support (502-564-3410 or SWPBsupport@ky.gov)
T-7	Dredging work shall not be conducted during the fish spawning season, April 15th through June 15th. [Clean Water Act]
T-8	Mitigation for impacts shall begin prior to or concurrently with impacts. [Clean Water Act]
T-9	Check dams are not allowed within the stream channel. [Clean Water Act]
T-10	Remove all sediment and erosion control measures after re-vegetation has become well-established. [Clean Water Act]