



STEVEN L. BESHEAR  
GOVERNOR

ENERGY AND ENVIRONMENT CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER  
200 FAIR OAKS LANE, 4TH FLOOR  
FRANKFORT, KENTUCKY 40601  
[www.kentucky.gov](http://www.kentucky.gov)

LEONARD K. PETERS  
SECRETARY

## STREAM CONSTRUCTION PERMIT

### For Construction In Or Along A Stream

Issued to: **AEP - American Electric Power - Big Sandy Plant**      Permit expires on  
Address: **23000 Hwy 23**      **May 8, 2015**  
**Louisa, KY 41230**

Permit No. **20872**

In accordance with KRS 151.250 and KRS 151.260, the Energy and Environment Cabinet approves the application dated **February 24, 2014** for **closure of Horseford Creek Dam (KY 367) and a saddle dam that includes re-grading and covering of exposed fly ash with an engineered cap system. The existing dam crest will be lowered to elevate on 656' and the saddle dam completely removed on Horseford Creek in Lawrence County.** AI: 7349

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 me at (502) 564-3410.

Issued May 8, 2014.

**SHANE COOK**  
Shane Cook, P.E., Supervisor  
Dam Safety and Floodplain Compliance  
Water Infrastructure Branch

gw

pc: Morehead Regional Office  
Tim Ellis - Lawrence County Floodplain Coordinator  
Gary Zych - American Electric Power - [gfzych@aep.com](mailto:gfzych@aep.com)  
File

**Stream Construction Permit (Dam)**

Horseford Creek Dam - Lawrence Co  
Facility Requirements  
Permit Number:20872  
Activity ID No.: APE20140001

**STRC000000002 Closure of Horseford Creek Dam and a saddle dam includes re-grading and covering of exposed fly ash with an engineered cap system. The existing dam crest will be lowered and the saddle dam completely removed. :**

**Submittal/Action Requirements:**

Condition No.	Condition
S-1	AEP - American Electric Power - Big Sandy Plant must submit final construction report: Due within 90 days after completion of construction AEP - American Electric Power - Big Sandy Plant must notify 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 3(2)]
S-2	The engineer upon completion of work shall submit two complete sets of as built plans: Due within 90 days after completion of construction The plans must be certified by the registered professional engineer. [401 KAR 4:030 Section 8(1)(b)]
S-3	The design engineer will supervise and inspect construction and upon completion certify that the work is in accordance with the approved plans and specifications: Due within 90 days after completion of construction. [401 KAR 4:030 Section 14]
S-4	Daily inspection reports will be required and shall be submitted on a monthly basis during the construction phase of the project in the form of a progress report. The applicant shall submit daily inspection reports: Due every 30 days after construction commencement. [401 KAR 4:030 Section 14]

**Narrative Requirements:**

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]

**Stream Construction Permit (Dam)**

Horseford Creek Dam - Lawrence Co

Facility Requirements

Permit Number:20872

Activity ID No.: APE20140001

**STRC000000002 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-4	Any work performed by or for AEP - American Electric Power - Big Sandy Plant 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	Permanent vegetation shall be established on fill as soon as possible upon completion of filling. [KRS 224.70-110]
T-7	AEP - American Electric Power - Big Sandy Plant must use standard silt control practices in such quantity to prevent siltation of Blaine Creek and Horseford Creek. Silt fences, rock check dams and/or straw-bales are acceptable. [KRS 224.70-110]
T-8	Upon completion of construction all disturbed areas shall be seeded and mulched or otherwise stabilized to prevent erosion. [401 KAR 4:060]
T-9	Measures shall be taken to prevent possible spills of fuels and lubricants from entering the stream. [KRS 224.70-110]
T-10	Construction other than as authorized by this permit shall require written approval from the Division of Water. [401 KAR 4:060]
T-11	The permittee shall notify the Dam Safety and Floodplain Compliance Section upon commencement of work on this project. [401 KAR 4:060 Section 7]



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LEONARD K. PETERS  
SECRETARY

May 6, 2015

Mr. Aaron Sink, Plant Manager  
AEP - American Electric Power - Big Sandy Plant  
23000 Hwy 23  
Louisa, KY 41230

**RE: Stream Construction Permit #20872-Extension Closure of Horseford Creek Dam and a saddle dam includes re-grading and covering of exposed fly ash with an engineered cap system. The existing dam crest will be lowered and the saddle dam completely removed. AI: 7349**

Dear AEP - American Electric Power - Big Sandy Plant:

We have received your request for an extension of Stream Construction Permit #20872-Extension. Since there are no changes in the original plans or circumstances involved, we are extending the expiration date to May 6, 2016. Please note that all restrictions and requirements on the previous permit are still applicable.

If you have any questions, please call me at (502) 564-3410 ext 4595.

Sincerely,

A handwritten signature in cursive script that reads "Gary Wells".

By:

**Gary Wells, P.E.,**  
Dam Safety and Floodplain Compliance

GW/KA/kec

pc: Morehead Regional Office  
Tim Ellis – Lawrence County