

# FEDERAL EMERGENCY MANAGEMENT AGENCY ENVIRONMENTAL CONSIDERATIONS GREENSHEET



# Waterways, Including Culverts and Bridges

Permits may be required from the U.S. Army Corps of Engineers (USACE) and Kentucky Division of Water (KY DOW) office. Projects that may require permits include:

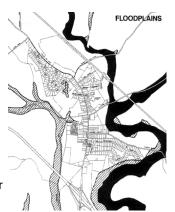
- Work in a creek (wet or dry) including tributaries, wetlands, streams and lakes
- Removing debris from a waterway
- Dredging or filling any part of surface water
- Repairing or replacing bridges, culverts, lowwater crossings or abutments



Obtaining permits prior to construction is the responsibility of the subapplicant

# Floodplains and Wetlands

- Any modifications or construction in a floodplain or wetland will be reviewed by FEMA and may require a public notice
- Debris should not be stored, even temporarily, in the floodplain or a wetland
- Debris removal from a wetland must be coordinated with USACE, U.S. Fish and Wildlife Service (USFWS), and your regional KY DOW office before any disturbance occurs
- For information on floodplain permitting, contact Kentucky Division of Water Floodplain Coordinator



# Threatened and Endangered Species

The subapplicant and FEMA may be required to complete consultation with the USFWS and Kentucky Division of Fish and Wildlife Resources (KDFWR) office *prior to start of work* for projects that affect:

- Critical habitat, which may be located in or near water, caves, forested areas, fields or areas along the road's edge
- Endangered or threatened species within a county (listed on USFWS and KDWFR websites)



# **Historic and Archaeological Resources**

FEMA may be required to complete consultation with the Kentucky Heritage Council and Tribes *prior to starting work* on certain projects including, but not limited to:

- Bridges, buildings, structures and historic parks repairs, demolitions, reconstruction
- Ground-disturbing activities (ie. excavation, temporary staging areas, etc.)
- Repairs or replacement of stone fences, walls and stone bridge abutments

Work on <u>historic bridges</u> must be coordinated with the Kentucky Division of Environmental Analysis.



### Federal environmental laws

- Clean Water Act
- Endangered Species Act
- National Historic Preservation Act
- Executive Order for Floodplains (11988)
- Executive Order for Wetlands (11990)

### **Project types that may require consultation**

- Debris removal
- Ground disturbance, even within the right-of-way
- Any hazard mitigation or change to predisaster design
- Improved or alternate projects such as relocation of a facility to a new site



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# **Debris Disposal and Hazardous Materials**

- FEMA and the Kentucky Division of Emergency Management (KYEM) must be informed of the final location of all debris
- Staging areas will require site approval from your regional KY DEP office
- Demolition of structures, regardless of asbestos content, must be coordinated with your regional KY DEP office
- Before burning, you must obtain approval from KY DEP (year round) and the Kentucky Division of Forestry

Debris removal includes:

- clearance
- collection
- staging (even temporary)
- removal
- disposal

Types of debris:

- trees and gravel
- building components
- wreckage
- white goods
- hazardous waste

The applicant is responsible for coordinating with KYDEP and for obtaining and complying with all required permits before burning, salvaging or disposing of debris.

### Contacts

#### **Kentucky Emergency Management** Agency

http://kyem.ky.gov (800) 255-2587

#### **FEMA Environmental Planning & Historic Preservation (EHP)**

Holly Pelt FEMA EHP Advisor holly.pelt@fema.dhs.gov (407) 913-8067

#### **United States Army Corps of** Engineer

Louisville District

http://www.lrl.usace.army.mil/

David Baldridge david.e.baldridge@usace.army.mil (502) 315-6675

#### **United States Fish and Wildlife** Service - Frankfort Field Office Carrie Allison carrie allison@fws.gov (502) 695-0468 ext. 46103

### **Kentucky Heritage Council: Kentucky State Historic Preservation** Office (SHPO)

http://heritage.ky.gov/

Jennifer Ryall (review & compliance officer) jennifer.ryall@ky.gov (502) 564-7005 ext. 121

#### **Kentucky Transportation Cabinet: Kentucky Division of Environmental Analysis**

Historic Bridges Amanda Abner amanda.abner@ky.gov (502) 564-7250

#### Kentucky Department of Fish and Wildlife Resources

Doug Dawson (502) 892-4472 ext. 4472 (800) 858-1549

#### **Kentucky Department of Natural** Resources: **Division of Forestry**

http://forestry.ky.gov/ (502) 782-7167 Steve Kull

#### **Kentucky Department of Environmental Protection (KY DEP)**

Contact your local field office for information and specific permitting requirements:

#### **KY DEP Division of Air Quality** http://air.ky.gov/

Diana Davidson (debris burning) (502) 782-6592

Emma Moreo (asbestos abatement) (502) 782-6717

#### **KY DEP Division of Waste** Management

http://waste.ky.gov/ (502) 782-6548 Alexandra Ballard

#### **KY DEP Division of Water**

http://water.ky.gov/

Samantha Vogeler (water quality certification permits) (502) 782-6995 Samantha.vogeler@ky.gov

Shawn Hokanson (Engineering Supervisor/Floodplain Manager) (502) 782-6977

Alex Van Pelt (NFIP Coordinator) (502) 782-7120

