



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, low-water 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 KDFWR 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 historic bridges 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 Baldrige
david.e.baldrige@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

