

**Department of Homeland Security
Federal Emergency Management Agency**

**PUBLIC ASSISTANCE
AND HAZARD MITIGATION
GRANT PROGRAM**

ORLEANS PARISH, LOUISIANA

**ENVIRONMENTAL
CONSIDERATIONS AND CONTACTS**

FEMA-1603-DR-LA

FEMA-1607-DR-LA

**Department of Homeland Security
Federal Emergency Management Agency**

**Joint Field Office
415 N. 15th Street
Baton Rouge, LA 70802
(225) 242-6000**

October 21, 2005

The Federal Emergency Management Agency (FEMA) and the Louisiana Office of Homeland Security and Emergency Preparedness (LOHSEP) are here to assist the City of New Orleans and Orleans Parish, Louisiana in responding to and recovering from the damages as a result of Hurricane Katrina, August 29, 2005 and Hurricane Rita, September 24, 2005. This information package is designed to address the necessary federal and state regulations and guidelines to facilitate your application process for the Public Assistance and Hazard Mitigation Grant Programs. This is not intended to be inclusive of all possible applicable laws, but those routinely encountered in disaster recovery.

In addition to assisting applicants in gathering current information for informed decision making, we are responsible for ensuring that numerous state and federal environmental and historic preservation laws and Executive Orders are met. It is necessary for any applicant receiving FEMA and state assistance to obtain and comply with all applicable local, state, and federal laws, requirements and permits. Please be aware that failure to comply may jeopardize federal funding.

We are available for technical assistance. If you have any questions or need assistance, please contact the Harahan Public Assistance Processing Center for a FEMA Environmental Specialist at (504) 739-3892.

Donald R. Fairley, REM
Environmental Liaison Officer
FEMA Region VI

Bill Douglas
Environmental Officer
LOHSEP

ENVIRONMENTAL CONSIDERATIONS AND CONTACTS **FEMA-1603-DR-LA and FEMA-1607-DR-LA**

The Federal Emergency Management Agency (FEMA) is here to assist communities in responding to and recovering from disasters. A part of FEMA's responsibility is to ensure that the requirements of environmental and historic preservation laws and Executive Orders are met. **It is necessary for any applicant receiving FEMA assistance to obtain and comply with all applicable local, state, and federal laws, requirements, and permits.** Please be aware that failure to comply may jeopardize federal funding. If you have any questions or need assistance, please contact the Public Assistance Processing Center and ask for:

- A FEMA Environmental or Historic Preservation Specialist at (504) 739-3892; or
- Bill Douglas, Louisiana Office of Homeland Security and Emergency Preparedness (LOHSEP) Environmental Officer at (225) 925-7393, Fax (225) 925-7501, email bdouglas@ohsep.louisiana.gov

DEBRIS STAGING, STOCKPILING, BURNING, AND DISPOSAL

General Information

Applicants who will be requesting federal financial assistance for debris removal and disposal must comply with all federal, state and local laws and regulations. Care must be exercised in locating areas to stockpile/stage, burn, and dispose of storm generated debris (i.e. vegetative, construction and demolition, and contaminated contents). These sites must be located more than 1/4 mile from a public or private water supply and situated away from residences, airports, and floodplains. Debris cannot be staged, stored, burned, or disposed of in wetlands.

Sites created for debris staging, stockpiling and burning must have erosion control measures established at the sites. Upon completion of debris operations, the sites must be restored to pre-use conditions. Should laboratory testing be required, check with the Louisiana Department of Environmental Quality (LDEQ) for a listing of accredited analytical laboratories.

Debris can be temporarily staged, stockpiled, or burned in a floodplain during emergency situations when no other alternative is available. However, when the initial emergency is over, the debris or resulting ash must be removed from the floodplain. In order to stage, stockpile, or burn debris in a floodplain, a floodplain permit must be obtained from the local or state floodplain administrator.

Applicants who will be requesting federal financial assistance must complete an "Emergency Debris Management Site Certification Form, FEMA-1603-DR-LA and FEMA-1607-DR-LA" per instructions (see attached form). The complete form must be submitted for each debris staging, stockpiling, burning, or disposal site. If site preparation for debris activities requires any ground-disturbing activities, including creation of access roads, applicants must also complete the portion of the site certification form identified as "Requirements for Debris Activities Involving Ground Disturbance" (see attached form). A completed and signed form must be included with each debris-related project worksheet and a copy must be retained by applicants as part of their permanent project records.

Burning

Applicants must obtain all permits as required by the Clean Air Act, as would be done for any non-disaster activity. Applicants who will be requesting disaster assistance need to comply with the LOHSEP/Louisiana Department of Environmental Quality (LDEQ) State Burn Permit process. Debris burning must meet all local, parish, and state burn requirements and permits. Applicants must notify their parish Emergency Manager and local fire department prior to burning.

For further information contact:

- Your local fire department;
- Your Parish Emergency Manager;
- Steve Aguillard, LDEQ, at (225) 219-3718, Main office (225) 219-3715, Fax (225) 219-3708; or
- Johnny Gonzales, LOHSEP, at (225) 925-7561, Fax (225) 925-7501.

Animal Carcass Disposal

Animal carcasses may be disposed of using either cremation or burial. For cremation, methods include either incineration or air-curtain pit burning. Incinerators shall be dual burning Type 4 (human and animal remains) approved for use within the state. Air curtain pit burning incorporates an earthen pit and blower which is precisely configured to properly function. Ashes resulting from cremation are considered a solid waste and may be buried on site if soils and water table conditions allow. If conditions are not suitable for on site burial, ashes will be disposed of in an approved landfill. In either case, the Louisiana Department of Environmental Quality (LDEQ) and Louisiana Department of Agriculture and Forestry (LDAF) will be contacted before burning carcasses. If possible LDAF will have the state veterinarian present during carcass cremation.

The burial method requires the animal carcass to be placed in a pit or trench not less than six feet deep when disposing of carcasses of large animals (i.e. cows and horses) with a minimum of four feet of soil covering the carcasses. The burial pit for smaller animals (i.e. swine, dogs, and cats) shall be not less than four feet in depth with a minimum of two feet of soil covering the carcasses. Carcasses shall be placed side by side or end to end and shall not be stacked on top of each other. The soils shall be impervious and suitable for waste disposal. Burial will be two feet or greater above the soil seasonal high-water table. Additionally, burial locations shall be outside of floodplain, at least 300 feet up gradient and 200 feet down gradient from private well, water bodies, streams, public areas and not within 500 feet of a public well. The finished burial site cover shall be shaped so drainage and runoff will be away from the pit or trench.

For additional information see the LDEQ/LDAF attachment to this document.

For information concerning the disposal of animal carcasses, applicants should contact:

La. Natural Resources Conservation Services (NRCS) Liaison at (504) 858-3385 or the NRCS State Environmental Engineer at (318) 229-3388.

Debris Disposal, Termites and Hazardous Materials

Applicants are encouraged to reduce debris volume by chipping, grinding, recycling, and/or burning. All materials must be disposed of in approved landfills or permitted sites.

Formosan subterranean termites were first identified in Orleans Parish in 1966, by which time they were well established. The Formosan termite is highly destructive, and landfills in the humid, near-tropical environment of Louisiana are ideal environments. Due to this, the LDAF has restricted the locations for debris from Orleans Parish in an effort to contain the existing Formosan termite infestation. Wood debris from Orleans Parish shall be assumed to be infested with Formosan termites and may be burned or chipped, but it shall not be removed from the parish.

Applicants should ensure that household hazardous and liquid wastes, as defined in LAC Title 33 Part VII, Solid Waste (i.e. lead acid batteries, used oil filters, used motor oil, scrap tires), any item containing CFC's (refrigerants), radioactive waste or regulated infectious wastes are excluded from non-hazardous debris disposal and are disposed of according to state guidelines for the disposal of hazardous materials.

For further information contact:

- Beth Scardina, LDEQ, at (225) 219-3070, Fax (225) 219-3158.

For information concerning the disposal of Formosan termite-invested debris, applicants should contact:

- Bobby Simoneaux, LDAF Liaison at (225) 925-3763.

BUILDING REPAIR AND EMERGENCY DEMOLITION

Asbestos

Asbestos in Building Materials: Demolition and renovation of any industrial, commercial, or public structure, regardless of asbestos content, must be coordinated with the LDEQ to obtain an Asbestos Notification of Demolition and Renovation Form (AAC-2) in compliance with Louisiana emissions standards for asbestos pursuant to Title 33, Subchapter 51, Subchapter M of the Louisiana Administrative Code. The applicant is responsible for obtaining and complying with all required permits. Asbestos Disposal Verification Forms (ADVF) can be obtained at: <http://www.deq.state.la.us/permits/asbestos/index.htm>

For further information, contact the DEQ regional office responsible for your area:

- Mickey Drury, LDEQ, Southeast Regional Office, at (504) 736-7701, Fax (504) 736-7702; or
- The LDEQ hotline, after hours, at (225) 342-1234

Historic Preservation

Within Orleans Parish, there are 25 properties listed as National Historic Landmarks (NHL), 135 properties listed on the National Register of Historic Places (NRHP), and 127 locally-listed landmarks. Some properties may fall under more than one registry. Additionally, there are numerous historic structures in the disaster area which are not listed on the NRHP, but may be eligible for NRHP designation, which requires historic reviews under Section 106 of the National Historic Preservation Act (NHPA). That law requires FEMA to coordinate projects with the Louisiana State Historic Preservation Officer (SHPO). Any structure receiving federal assistance that is **45 years or older**, or that otherwise has “exceptional importance” and/or cultural significance, must be reviewed under Section 106 before any demolition, construction or repair activity may begin.

The Louisiana Department of Culture, Recreation, and Tourism’s Office of Cultural Development is the responsible agency and houses the State Historic Preservation Officer (SHPO). FEMA performs the initial coordination with the SHPO; however, the applicant may be requested to provide any additional information necessary to complete compliance under the NHPA.

To expedite review by the SHPO, applicants should provide the following:

For architectural work that involves historic and potentially historic structures, (e.g., buildings, bridges, culverts or other structures 45 years old or older) please submit:

- A project scope of work describing the property/structure(s), age, exact location (i.e. address, distance and direction from nearest intersection, UTM coordinates), and, if known, current and past uses.
- A clear 35mm photograph of the structures, hard copy or digital (no photocopies or Polaroids).

For further information from the State Historic Preservation Officer (SHPO), contact:

- Mike Varnado, at (225) 342-8160, Fax (225) 342-8173

Properties that are National Historic Landmarks (see attached list), have additional compliance requirements. For further information contact:

- A Historic Preservation Specialist for Orleans Parish at (504) 739-3892

GROUND DISTURBING ACTIVITIES (ARCHEOLOGICAL RESOURCES)

The protection of New Orleans archaeology resources will require special diligence. The city's rich and diverse history and traditions have the potential to yield significance information. The City has particular interest in its colonial past and all efforts shall be made to mitigate any possible adverse affect to these resources. Any projects receiving federal assistance which impact a previously undisturbed area (e.g., relocating a utility, road realignment, a material borrow area for construction, or preparation of debris staging, stockpiling or burning sites) must be reviewed by the SHPO for archeological concerns before initiating construction. Land that has been plowed or used for agriculture is not considered previously disturbed and must be evaluated.

To expedite review for all work that involves surface-level or subsurface ground disturbances, please submit the following:

- An accurate map of the project area (SHPO prefers a USGS topographic quad sheet whenever available).
- A brief description of all proposed work (include depth for subsurface impacts).

NOTE - If any buried cultural materials are encountered during construction, (e.g., wells, cisterns, foundations, basements, prehistoric Indian artifacts, or human burials) all work must cease immediately and coordination with FEMA, the SHPO, and LOHSEP is required before any work can resume.

For further information from the SHPO's office, contact:

- Duke Rivet at (225) 342-8170, Fax (225) 342-4480, E-mail: drivet@crt.state.la.us; or
- Rachel Watson at (225) 342-8170, Fax, (225) 342-4480, E-mail: rwatson@crt.state.la.us.

TRIBAL AFFAIRS

There are no federally-recognized tribes located in Orleans Parish.

For additional information regarding tribes and tribal resources in Louisiana contact:

- Heather Westra, FEMA Environmental Specialist at (225) 337-281-4220. or
- Pat Arnould, Deputy Director, Governor's Office of Indian Affairs at (225) 219-7556, Fax (225) 219-7551, E-mail: pat.arnould@indianaffairs.state.la.us

WORK IN WATERWAYS, WETLANDS AND FLOODPLAINS

Section 404 and Section 10 Permits

Section 404 of the Clean Water Act regulates the discharge of dredge or fill material into waters of the United States which includes navigable waters and wetlands. Section 10 of the Rivers and Harbors Act applies to actions affecting waters of the United States. The U. S. Army Corps of Engineers (USACE) administers both laws. Examples of actions requiring permits include construction, demolition, and any dredging or filling in any part of surface water tributaries, including small streams, lakes, ponds, stock tanks, construction and mining pits, and wetlands. Obtaining permits is the responsibility of the applicant.

NOTE - Unless it is an emergency action, i.e., immediate threat to life or property, obtaining permits must be done prior to executing any construction activity.

For emergency actions that have the potential to affect waters of the United States, applicants should submit a Section 404 Permit Coordination Request for Emergency Projects to the USACE Regulatory Branch Office.

To obtain information, including securing permits for this disaster contact:

- Ronald J. Ventola, USACE, New Orleans District, at (504) 862-2255 or Fax (504) 862-2289; or
- Ken Mosely, USACE Vicksburg District, at (601) 631-5289 or Fax (601) 631-5459.

Bridge Permits

Under Section 9 of the Rivers and Harbors Act, the General Bridge Act, and other statutes, the U.S. Coast Guard has jurisdiction over bridges that cross navigable waters of the U.S. Permits for construction and certain types of repair activities are administered through the Bridge Administration Program. Obtaining permits is the responsibility of the applicant. Unless it is an emergency action, i.e., immediate threat to life or property, obtaining permits must be procured prior to initiating construction activity.

To obtain permit information and for other project specific questions, contact:

- Marcus Redford, P.E., U. S. Coast Guard, 8th CG District, at (504) 589-2965, Fax (504) 589-3063, E-mail: mredford@d8.uscg.mil

NOTE - These activities may also need a permit from USACE.

Floodplain Management

Any new construction or repairs to damaged structures in a floodplain must comply with the community's floodplain management regulations as required by the National Flood Insurance Program. No construction activities, repair, or new construction can begin without approval of the local floodplain administrator.

Contact your local parish or city floodplain administrator for specific information regarding floodplain management. In order to locate the name and telephone number of your local floodplain administrator on the internet go to: www.louisianafloods.org

For further information contact:

- Cindy O'Neal, Louisiana State Department of Transportation, at (225) 274-4354, Fax (225) 274-4351, E-mail: coneal@dotd.louisiana.gov.

Louisiana Natural and Scenic Rivers

The Louisiana Department of Wildlife and Fisheries (LDWF) administers permits for activities in or near state designated Natural and Scenic Rivers, under the requirements of LAC Title 76 Part IX. One Natural and Scenic River, Bayou St. John, is located in Orleans Parish.

The following types of actions are prohibited in designated natural and scenic rivers: channelization, channel realignment, clearing and snagging, impoundments, and commercial clear cutting within 100 feet of the ordinary low-water mark. Any other activity that may detrimentally affect or significantly degrade the wilderness quality, aesthetic values, or the ecological integrity of a river must be permitted by (LDWF). Construction activities requiring permits include, but are not limited to: bridge, pipeline, and power line crossings; bulkheads, piers, docks and ramps; wastewater discharges; land development adjacent to rivers; aerial application of pesticides and fertilizers to fields adjacent to scenic streams; and water withdrawals.

Disaster related activities that may require permits include, but are not limited to, stockpiling and/or burning of debris and work on piers, boat slips, bulkheads, roads, bridges, pipelines, and utilities within 100 feet of the low water mark. Removal of recent deadfalls in designated rivers and streams usually does not require a permit; however applicants should contact LDWF prior to conducting operations to confirm that a permit is not required. Debris removal may require a permit, but in emergency situations an emergency permit can be issued within a matter of hours.

For further information from the Louisiana Department of Wildlife and Fisheries (LDWF) contact:

- Keith Cascio, LDWF, at (318) 237-4016, Fax (318) 345-0797 E-mail: kcascio@wlf.louisiana.gov.

Executive Order 11988, Floodplain Management and Executive Order 11990, Protection of Wetlands

Any action funded by FEMA that may affect a wetland or floodplain must be reviewed by FEMA for compliance with Executive Orders (EO) 11988 and 11990 and must also follow the eight-step evaluation and planning process, including public notification, as identified in 44 CFR (Code of Federal Regulations) Part 9. Applicants proposing to initiate actions in potential wetland areas should coordinate with the USACE, FEMA, and U.S. Fish and Wildlife Service. Debris cannot be stored in a wetland, even temporarily. To remove debris from a wetland or conduct any other demolition, repair or construction activity in a floodplain or wetland, as appropriate, contact:

- Ronald J. Ventola, USACE, New Orleans District at (504) 862-2255, Fax (601) 631-5459, E-mail: ronald.j.ventola@mvk02.usace.army.mil;
- Ken Mosely, USACE, Vicksburg District at (601) 631-5289, Fax (601) 631-5459, E-mail: ken.p.mosley@mvk02.usace.army.mil; or
- Jim Boggs, USFWS, at (337) 291-3100, Fax (337) 291-3139.

EXECUTIVE ORDER 12898, ENVIRONMENTAL JUSTICE

Environmental Justice, Executive Order 12898, states that Federal agencies must identify and address disproportionately high and adverse human health or environmental effects of its programs, policies, and activities on minority populations and low-income populations. Executive Order 12898 applies when actions would disproportionately and adversely effect minority or low-income populations. Additionally, the Executive Order states that Federal programs, policies, and activities must not exclude persons and populations from participating in benefits because of race, color, or national origin.

In its disaster recovery activities, FEMA must determine:

- If minority or low-income populations are within the area of effects of these actions;
- If the effects are adverse; and
- If the adverse effects on minority or low-income portions of the population are disproportionately high.

When these three conditions exist, FEMA will consider mitigation measures to avoid or minimize the adverse effect and take extra care to ensure adequate public participation by the affected populations.

THREATENED AND ENDANGERED SPECIES

There are several listed species and/or critical habitat in Orleans Parish that are protected under the Endangered Species Act and the Louisiana Natural Heritage Program, which includes birds, mammals, fish, reptiles, amphibians, and plants. If clean-up or construction activities are intended on previously unaltered land, or may potentially affect the water quality or quantity of a watershed, or if you believe any state or federal listed or proposed species may be affected (positively or negatively) by your actions, additional information can be obtained from:

- Mike Carloss, LDWF for state listed species, at (225) 485-5542, Fax (225) 765-2452;
- Karen Soileau, USFWS, for Federally-listed threatened and endangered species, at (337) 291-3132, Fax (337) 291-3139; or
- Eric Hawk, Section 7 Coordinator, National Marine Fisheries Service, at (727) 824-5312, Fax (727) 824-5309, E-mail: eric.hawk@noaa.gov.

DRINKING WATER

Flooding and other disasters can seriously impact the quality of drinking water from both public water systems and from private water wells. Public water systems and other water suppliers are required to issue a “boil water notice” to all customers in the event that water quality is compromised. Under this notice, customers are advised to boil their water before consumption or use until such time that samples confirm that the water is safe.

Those with individual water wells must also be aware of the possible contamination of water after flooding or other disasters. If it is confirmed or suspected that the quality of drinking water has been compromised, the well should be disinfected and sampled to assure that the water is safe to consume. Information regarding procedures for disinfecting private wells and locations where samples can be taken for analysis may be accessed at:

<http://www.oph.dhh.state.la.us/engineerservice/safewater/index.html>

The Louisiana Department of Health and Hospitals, Office of Public Health’s Safe Drinking Water Programs posts “boil water notices” and other information pertaining to safe drinking water at:

<http://www.oph.dhh.state.la.us/engineerservice/safewater/index.html>

If there are any questions regarding this issue or procedures outlined contact:

- Doug Vincent, Engineering Services, Louisiana Department of Health and Hospitals, Office of Public Health, at (225) 765-5038, Fax (225) 765-5040; or
- Karen S. Irion, Safe Drinking Water Program Administrator, Louisiana Department of Health and Hospitals, Office of Public Health, at (225) 765-5038, Fax (225) 765-5040.

LOUISIANA OFFICE OF HOMELAND SECURITY AND EMERGENCY PREPARDNESS

The State of Louisiana administers the Public Assistance and Hazard Mitigation Grant Programs following a disaster. Points of contact are listed below:

Public Assistance, LOHSEP

During the response and recovery phases of this disaster, personnel can be reached at the Joint Field Office (JFO) in Baton Rouge. Please contact:

- Art Jones, LOHSEP, State Recovery Officer, at (225) 242-6295, Fax (225) 267-2832.
- Johnny Gonzales, State Public Assistance Officer, at (225) 379-4028, Fax (225) 267-2832.

After closure of the Baton Rouge JFO, the State LOHSEP office can be contacted at:

- Johnny Gonzales, LOHSEP, State Public Assistance Officer, at (225) 334-7741, Fax (225) 334.-7761.

Hazard Mitigation, LOHSEP

During the response and recovery phases of this disaster, LOHSEP personnel can be reached at the Joint Field Office (JFO) on Baton Rouge:

- Shane Rauh, LOHSEP, Hazard Mitigation, at (225) 925-7557, Fax (225) 925-7501.

After closure of the Baton Rouge JFO, LOHSEP mitigation personnel can be contacted at:

- Shane Rauh, LOHSEP, Hazard Mitigation, at (225) 925-7557, Fax (225) 925-7501.

REMINDER

Any applicant for FEMA assistance must obtain and comply with all local, state, and federal environmental and historic preservation laws, requirements, and permits. Please be aware that failure to comply may jeopardize federal funding, so please notify the Environmental and Historic Preservation team if assistance is required.

ADDITIONAL RESOURCE INFORMATION:

Federal Resources

Advisory Council on Historic Preservation	http://www.achp.gov
United States Department of Agriculture	
U. S. Forest Service	http://www.fs.fed.us
Natural Resource Conservation Service	http://www.nrcds.usda.gov
United States Army Corps of Engineers	
New Orleans District	http://www.mvn.usace.army.mil
Vicksburg District	http://www.mvk.usace.army.mil
United States Department of the Interior	
National Park Service	http://www.nps.gov
Bureau of Land Management	http://www.blm.gov/nhp/index.htm
Bureau of Reclamation	http://www.usbr.gov
Environmental Protection	http://www.epa.gov
EPA-Surf Your Watershed	http://www.epa.gov/surf
U.S. Federal Government Agencies Directory	http://www.lib.lsu.edu/gov/fedgov.html

State Resources

Louisiana Office of Homeland Security and Emergency Preparedness	http://www.ohsep.louisiana.gov
Department of Agriculture and Forestry	http://www.ldaf.state.la.us
Office of the Attorney General	http://www.ag.state.la.us
Department of Health and Hospitals	http://www.dhh.state.la.us
State Historic Preservation Officer	http://www.crt.state.la.us/crt/ocd/hp/ocdhp.htm
Department of Social Services	http://www.dss.state.la.us
Department of Natural Resources	http://www.dnr.state.la.us
Department of Environmental Quality	http://www.deq.state.la.us
LSU AgCenter	http://www.louisianafloods.org
Louisiana Dept. of Transportation & Development	http://www.dotd.state.la.us
Louisiana Dept. of Insurance	http://www.lds.state.la.us

City of New Orleans Resources

City of New Orleans	http://www.cityofno.com/portal.aspx
City of New Orleans Office of Emergency Preparedness	http://www.cityofno.com/portal.aspx?portal=46

Notification of Hazardous Material or Oil Spills

National Response Center	1-800-424-8802
Louisiana State Police (emergency)	1-877-925-6595
La. Dept. of Environmental Quality	1-225-342-1234
Louisiana Wildlife & Fisheries – Response, Enforcement & Emergency Permits	1-800-442-2511

**ENVIRONMENTAL CONSIDERATIONS
GENERAL GUIDANCE TO APPLICANTS
FOR PUBLIC ASSISTANCE**

Numerous Federal environmental and historic preservation laws require compliance in order for applicants to receive ANY Federal funds for projects. The following are the laws that usually affect FEMA funded projects:

- National Environmental Policy Act (NEPA).
- Endangered Species Act.
- National Historic Preservation Act.
- Coastal Zone Management Act.
- Solid Waste Disposal Act.
- EO 11988 Floodplain Management.
- EO 11990 Wetlands Protection.
- EO 12898 Environmental Justice.
- Clean Water Act (Section 404).
- Clean Air Act.

Applicants are essentially allowed to complete the following work in accordance with specific policy guidance from FEMA:

- Emergency Actions (e.g. search and rescue, emergency care, issues of life safety).
- Debris Removal (not necessarily disposal or storage/staging).
- Repairs/restoration to pre-disaster condition (with no significant change in footprint to include the construction area), unless the structure is older than 45 years.
- Temporary repairs, unless the structure is older than 45 years.

Before the following actions can be taken, NEPA and other environmental and historic preservation considerations must be addressed:

- Debris disposal (other than to a permitted landfill).
- Any project where the footprint is different than pre-disaster condition.
- Projects with Section 406 mitigation.
- Any project affecting a historic, or potentially historic, site or structure.
- Any project affecting a threatened, endangered or proposed species.
- Any project affecting a wetland.
- Any project affecting a floodplain.
- Any project with known or suspected environmental concerns.

The following actions, whether approved by State or FEMA, must have an environmental review by FEMA prior to initiating construction:

- Improved projects.
- Alternate projects.
- Other projects in which the approved scope of work has been changed.

**NATIONAL HISTORIC LANDMARKS
LOCATED WITHIN ORLEANS PARISH**

Delta Queen (River Steamboat)	30 Robin Street Wharf
Deluge (Fire Fighting Tug)	Mississippi River North of Canal St. at Algiers Ferry
Longue Vue House & Gardens	7 Bamboo St.
Cable, George Washington, House	1313 8th St.
Garden District	Bounded by Carondelet, Josephine, and Magazine Sts. and Louisiana Ave.
St. Mary's Assumption Church	2030 Constance St.
St. Alphonsus Church	2045 Constance St.
New Orleans Cotton Exchange Building	231 Carondelet St.
St. Patrick's Church	724 Camp St.
Dillard, James H., Home	571 Audubon St.
Cabildo	701 Chartres St.
Gallier Hall	545 St. Charles Ave.
Gallier House	1132 Royal St.
Hermann-Grima House	818-820 St. Louis St.
Jackson Square	Bounded by Decatur, St. Peter, St. Ann, and Chartres Sts in the Vieux Carre
Lafitte's Blacksmith Shop	941 Bourbon Street
Louisiana State Bank Building	403 Royal Street
Madame Johns Legacy	632 Dumaine
Mayor Girod House	500 Chartres
Pontalba Buildings	500 St. Ann St. and 500 St. Peter St.
Presbytere, The	713 Chartres St.
United States Custom House	423 Canal St.
United States Mint, New Orleans Branch	420 Esplanade Ave.
Ursuline Convent	1114 Chartres St.
Vieux Carre Historic District	Bounded by the Mississippi River, Rampart and Canal Sts. and Esplanade Ave.

**EMERGENCY DEBRIS MANAGEMENT SITE CERTIFICATION FORM
FEMA-1603-DR-LA and FEMA -1607-DR-LA**

This form is to be used by applicants for Federal Emergency Management Agency (FEMA) and Louisiana Office of Homeland Security and Emergency Preparedness (LOHSEP) Public Assistance (PA) funding to document compliance with Federal and State environmental and historic preservation laws and regulations. To be considered for funding, the applicant must attach this form, or individual permits or approvals, to their PA Project Worksheet (PW) for debris projects. **For ground disturbing activities only, fax the second page to the State Historic Preservation Office (SHPO) contact for approval.** Individual certifications are required for each burning, burial, disposal, and/or staging or stockpiling site. **The completed form must be attached to the PW as permanent project documentation.**

City/Town to be served: _____
Address: _____ City: _____ Zip: _____
Phone #: _____ FAX#: _____ Parish: _____
If disposing in landfill: name, location, & permit #: _____

**REQUIREMENTS FOR EMERGENCY DEBRIS STAGING, PROCESSING, BURNING OR DISPOSAL SITES
OTHER THAN APPROVED LANDFILLS**

Legal description/GPS (specify datum used) Lat-Long for site: _____

Confirm each of the following requirements by checking the boxes and signing at the bottom.

- The site is located outside of the 100-year floodplain. If there are no feasible sites outside the floodplain, the local floodplain administrator has issued a floodplain permit and is attached (The floodplain map used must be a current Flood Insurance Rate Map prepared by FEMA, a Flood Prone Area Map prepared by the U.S. Geological Survey or an equivalent constructed map that depicts the limits and elevations of any 100-year floodplain on or adjacent to the proposed site.)
- The site is located at least ¼ mile from a public or private water supply (surface or ground). Site is a minimum of ½ mile from any known caves, springs, streams, and bayous. Site is located outside of known wetlands.
- If the site is within 100-feet of ordinary low water mark of a Louisiana Department of Wildlife and Fisheries designated Natural and Scenic River, a permit has been obtained. Water run-in/off controls must be used in upland areas outside the 100-foot boundary.
- If the site will receive any putrescible waste that may attract birds, it is located at least 5000-feet (1524 meters) from any airport runway used only by piston-engine aircraft, and at least 10,000-feet (3048 meters) from any airport runway used by turbojet aircraft, with any exceptions approved by the Federal Aviation Administration (FAA).
- Provisions are in place to ensure that hazardous and liquid waste as defined in *LAC Title 33 Part V & VII, Solid Waste*, such as lead acid batteries, used oil filters, used motor oil, whole used or scrap tires, any item containing CFC's, radioactive waste, regulated PCB's waste, or regulated infectious wastes are disposed of properly.
- The site has security to minimize uncontrolled dumping or access.
- The applicant has notified LOHSEP and obtained a burn permit from LDEQ, in addition to notifying the local Parish Emergency Management Director prior to any burning. Parish Emergency Manager: _____
- If burning is approved, provisions are in place to exclude the burning of rubber, plastics, asbestos containing materials, and other similar materials that produce unreasonable amounts of air contaminants.
- If burning is approved, all burn sites must be located at least at least 1000-feet from an occupied residence and are controlled so that the smoke does not create a vehicular and/or air traffic hazard or a nuisance condition.
- Any landfill used for debris disposal must be an existing, permitted and approved landfill. Creation of a new landfill for disaster debris is outside the scope of this certification and must be coordinated with FEMA, LOHSEP, and LDEQ.

APPLICANT'S AUTHORIZED REPRESENTATIVE

DATE

**REQUIREMENTS FOR DEBRIS ACTIVITIES INVOLVING GROUND DISTURBANCE
FEMA-1603-DR-LA and FEMA-1607-DR-LA**

If the creation or use of this emergency burning, processing, staging and/or stockpiling site will include **ground disturbance**, including the creation of temporary access roads, burying of debris or burn residue, or will impact structures over 45 years old, the applicant must coordinate with, and receive comments from, the Louisiana Office of Cultural Development, State Historic Preservation Office (SHPO), prior to the start of any ground disturbance.

It is the applicant's responsibility to mail or Fax this certification to Duke Rivet, at the SHPO for approval regarding all ground disturbance activities. The applicant must attach this certification to their Public Assistance Project Worksheet (PW) as part of the file's permanent documentation.

Individual certifications are required for each burning, burial, disposal, and/or staging or stockpiling site.

- Attach a map, in addition to this form, preferably a copy of a USGS 7.5 minute series quadrangle map with the project site location clearly identified.
- List the Township _____ Section _____ Range _____ for the project site location.

APPLICANT'S AUTHORIZED REPRESENTATIVE

DATE

Louisiana State Historic Preservation Officer

I certify that the above referenced site:

- Is not located on any known archeological site or historical property.
- Is located on an archeological site and an alternate area needs to be considered.

SHPO OFFICIAL

DATE

Louisiana Office of Cultural Development
State Historic Preservation Office
ATTN: Duke Rivet
P.O. Box 44247
Baton Rouge, Louisiana 70804-4242
Telephone: (225) 342-8170
Fax: (225) 342-4480

CATASTROPHIC DEATH FROM NATURAL DISASTER

Guidelines for Cremation or Burial of Animal Carcasses

Dead animal disposal can be performed by various methods. Cremation and burial are acceptable methods of disposing of dead animals. This plan will address both methods.

Project sponsors seeking assistance in the cremation or burial of animal carcasses must contact Natural Resources Conservation Services (NRCS) Liaison at 504-858-3385 or the NRCS State Environmental Engineer at 318-229-3388. The request must include a description, scope and location of the problem. Once NRCS has received a request, NRCS will establish a team to evaluate the site and complete a Damage Survey Report (DSR). After an agreement is entered into with the sponsor, NRCS will immediately hire a contractor to either cremate or bury animal carcasses within the following guidelines.

Cremation methods include incineration or air-curtain pit burning. Incinerators shall be dual burning Type 4 (human and animal remains) approved for use within the state. Air curtain pit burning incorporates an earthen pit and blower. The blower and pit make up an engineered system which is precisely configured to properly function. The blower must have adequate air velocity to provide a "curtain effect" to hold smoke in and to feed air to the fire below. Ashes resulting from cremation are considered a solid waste and may be buried on site if soils and water table conditions allow. If conditions are not suitable for on site burial, ashes will be disposed of in an approved landfill. In either case, Department of Environmental Quality (LDEQ) and Louisiana Department of Agriculture and Forestry (LDAF) will be contacted before burning carcasses. If possible LDAF will have the state veterinarian present during carcass cremation. Single Point of Contact for notifying DEQ of intent to burn animal carcasses is (225) 219-3640 or (888) 763-5424. LDAF State Veterinarian can be reached at 225-575-2527 and USDA Veterinarian at 225-389-0436.

The burial method requires the animal carcass being placed in a pit or trench not less than six feet deep in the disposition of carcasses of large animals such as cows and horses with a minimum of four feet of soil covering the carcasses. The burial pit for smaller animals such as swine shall be not less than four feet in depth with a minimum of two feet of soil covering the carcasses. Carcasses shall be placed side by side or end to end. Carcasses shall not be stacked on top of each other. The soils shall be impervious and suitable for waste disposal. Burial will be two feet or greater above the soil seasonal high-water table. Additionally, burial locations shall be outside of a floodplain, at least 300 feet up gradient and 200 feet down gradient from private well, water bodies, streams, public areas and not within 500 feet of a public well. The finished burial site cover shall be shaped so drainage and runoff will be away from the pit or trench.

The U.S. Department of Agriculture (USDA) prohibits discrimination
in all its programs and activities.
USDA is an Equal Opportunity Provider and Employer.

Department of the Army
Permit Coordination Request for Emergency Projects

Applicable for emergency activities conducted after Hurricanes Katrina and Rita in Orleans Parish
FEMA-1603-DR-LA - FEMA-3212-EM-LA - FEMA-1607-DR-LA – FEMA 3260-EM-LA

FEMA/ NRCS/ State Project No. _____ Corps ID No.: _____
Project Proponent: _____
Mailing Address: _____
City/State/Zip: _____
Project POC: _____ Phone: _____ Fax: _____

PROJECT LOCATION

Waterway Name: _____ Tributary to: _____
City: _____ Parish: _____
Provide at least ONE of the following location details:
a. _____ ¼ of _____ ¼ of Section _____, Township _____ N/S, Range _____ E/W
b. Latitude: _____ Longitude: _____
c. UTM Zone: _____ Easting: _____ Northing: _____

PROJECT DESCRIPTION

Nature of Emergency: _____

Original Structure/Fill Description: _____

Proposed Emergency Work/Repair/Replacement: _____

Betterments (Changes from the original alignment or structure): _____
Temporary Fill (type and est. quant.): _____
Permanent Fill (type and est. quant.): _____
Wetlands on Site? Yes _____ No _____ Possible/Undetermined _____

Attach: Location Map Sketch (if appropriate) Photo to ID existing site/conditions

CONCURRENCE REQUESTED

_____ Exempt from Section 404 _____ Nationwide Permit 3 Other: _____

Fax To: U.S. Army Corps of Engineers, Regulatory Branch, New Orleans District FAX: (504) 862-2289 PHONE (504) 862-2257

INSTRUCTIONS FOR USACE EMERGENCY COORDINATION REQUESTS

1. For emergency actions affecting waterways and/or wetlands complete all appropriate sections of the request.
2. Attach map, photo, and sketch to identify project location.
3. Describe the nature of the emergency and project scope.
4. Fax request to USACE New Orleans District, Regulatory Branch, Fax (504) 862-2289

For questions contact Ronald J. Ventola, USACE New Orleans District, at (504) 862-2255