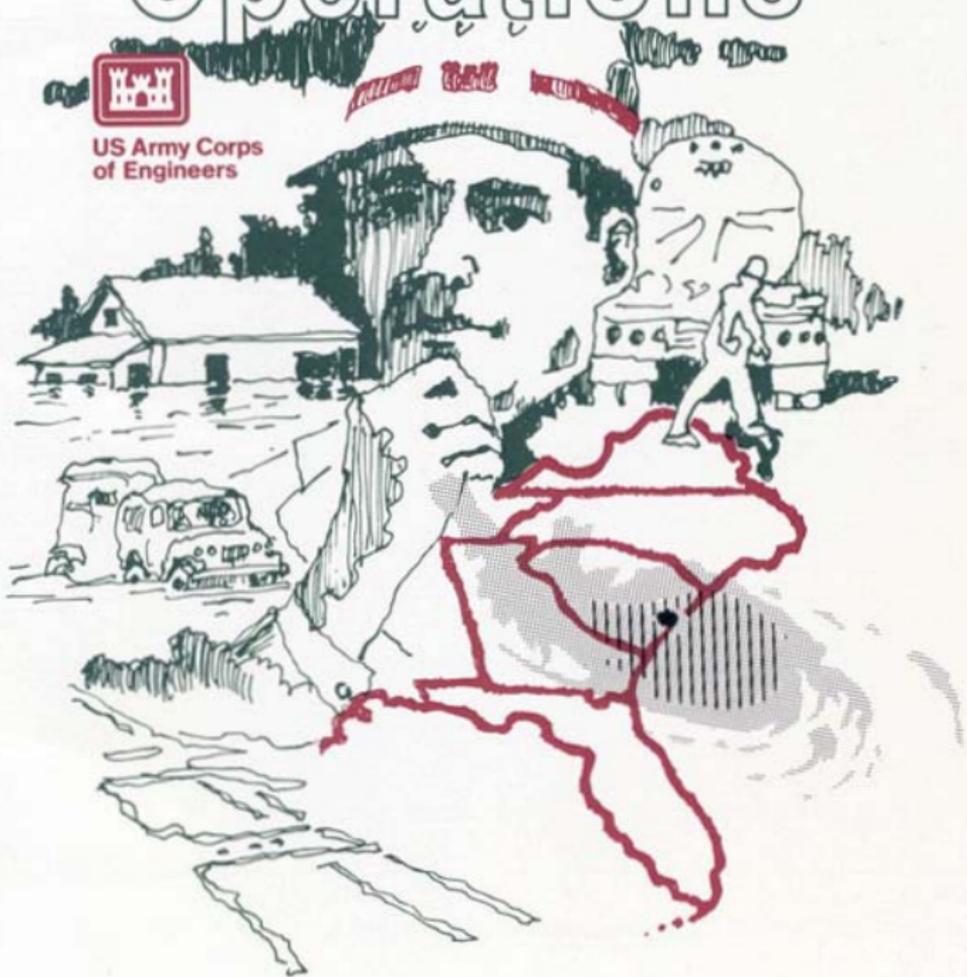


Emergency Operations



US Army Corps
of Engineers



INTRODUCTION

The U.S. Army Corps of Engineers has been of service to this Nation for over 200 years. The Corps has responded during times of need with engineering, construction as well as water resources expertise. Because of the first hand knowledge of the local conditions throughout the United States, the Corps is able to play a major role in saving lives and easing human suffering when disasters occur.

This pamphlet has been produced in an effort to enhance public awareness of the Corps emergency preparedness mission. It provides a general outline of the programs, services, and contacts that are available in support of emergency operations procedures. Complete information on Corps programs and preparedness services may be obtained by contacting any of the district offices listed in this brochure.

Vigilant in the face of emergency situations, the Corps stands ready to serve your community and the Nation when disasters strike. I invite you to participate with the Corps in developing an even stronger preparedness partnership that will strengthen our nation in times of need.



Arthur E. Williams
Lieutenant General, U.S. Army
Commanding

OVERVIEW

The U.S. Army Corps of Engineers is a major Army command with a broad set of missions and capabilities. One of its missions is to provide assistance, within its authorities, when natural disasters or other emergencies occur.

Emergency preparedness and response is primarily a state and local responsibility. However, in instances when the nature of the disaster exceeds the capabilities of state and local interests, the Corps of Engineers may provide help to save human life, prevent immediate human suffering or mitigate property damage.

The Corps gives emergency assistance top priority and provides immediate response using every resource and expedited procedure available. Assistance is limited to the preservation of life and the protection of residential and commercial developments, to include public and private facilities that provide public services. Exclusive assistance to individual

ranchers under certain circumstances. Rehabilitation assistance may also be available for eligible flood control structures with public sponsors.

The geographically diverse location of Corps of Engineers offices nationwide assures an immediate response to disasters in any area. The Corps is divided by drainage basins into regional divisions. The divisions are subdivided by smaller drainage basins into districts. Personnel are also assigned to various field offices scattered throughout each district. During disasters, personnel in any locale may be quickly mobilized to assist in response and recovery work.

Emergency Operations Managers have been appointed at each division and district to carry out all emergency actions. Each is responsible for maintaining an emergency organization of trained specialists. Most important, however, each district has a single point of contact for all emergency activities.



Corps personnel in any locale may be mobilized to report on and assist in response and recovery activities.

homeowners and businesses, including agricultural businesses, is not authorized. However, during periods of extreme drought, such assistance may be provided to farmers and

You are encouraged to contact the Corps of Engineers office closest to your location for specific information concerning Corps programs and to accomplish joint planning, training, and information exchange opportunities.

DISASTER PREPAREDNESS

The U.S. Army Corps of Engineers is prepared to provide immediate and effective response and assistance during emergencies and disasters. The preparedness program includes an emergency management organization, planning, training, maintaining adequate supplies, tools and equipment, and inspection program for non-Federal flood control structures.

- Upon request, inspection of non-Federal dams and flood control projects

Criteria for Corps of Engineers Assistance

State and local governments are responsible for emergency preparedness, including training and stock-



Disaster preparedness includes planning, training, and exercising.

Type of Assistance Provided by the Corps

- Participation in emergency seminars and exercises when requested by state or local officials
- Inspection of flood control works constructed or repaired by the Corps of Engineers, and advisement to local officials of needed maintenance
- Technical assistance for development of plans at the state and local level

piling of flood fighting supplies and materials. The role of the Corps of Engineers is to supplement the maximum efforts of the state and local authorities during an emergency.

How to Obtain Help

Contact the Corps of Engineers District Office nearest you. A list of the Corps offices is included in this pamphlet.

EMERGENCY OPERATIONS

The Corps of Engineers may provide emergency assistance for flood response and post flood response activities to save lives and protect improved property (i.e., public facilities/services and residential/commercial developments) during or following a flood or coastal storm. Assistance to individual homeowners and businesses is not permitted. This includes agricultural lands.

Emergency Operations assistance will be undertaken to supplement state and local efforts. Non-Federal interests must commit all available resources. This includes manpower, supplies, equipment, funds, etc.

Flood fighting measures are applicable to any flood control structures or other areas that provide public service, regardless of whether it is Federal, public or private.

- Furnish technical advice and assistance
- Provide emergency repairs to levees and other flood control projects
- Furnish materials such as sandbags, polyethylene sheeting, lumber, pumps, or rock for stabilization when the Corps is actively participating in a flood fight
- If the Corps is not actively participating in a flood fight, Government supplies may be furnished only if local resources are exhausted or will be exhausted. Under such circumstances, supplies will be replaced in kind or paid for by local interests. All unused stock should be returned or reimbursed to the Government at replacement cost.



Emergency operations are undertaken to supplement state and local efforts.

The Corps has no authority under Public Law 84-99 to reimburse locals for costs of their own emergency activities.

FLOOD RESPONSE

Type of Assistance Provided by the Corps

- Assist in search and rescue operations

Duration of Assistance

Corps assistance terminates when the emergency is over (i.e., flood waters have receded within top bank or some other predetermined stage).

EMERGENCY OPERATIONS

POST FLOOD RESPONSE

Authority to perform post flood activities immediately after a flood or coastal storm is provided by Public Law 84-99, as amended. Corps assistance must be required immediately and is limited to major flood or coastal storm disasters resulting in life-threatening or property-damaging situations.

Type of Assistance Provided by the Corps

- Furnish technical advice and assistance
- Clearance of drainage channels, bridge openings, or structures blocked by debris deposited during the event
- Clearance of blockages of critical water supply intakes and sewer outfalls
- Debris removal necessary to re-open vital transportation routes
- Temporary restoration of critical public services or facilities
- Identify hazard mitigation opportunities

Duration of Assistance

Corps of Engineers assistance may only be provided for a maximum of 10 days from the date of receipt of the governor's written request for assistance.

Criteria for Corps of Engineers Assistance

- Assistance must be supplemental to state and local efforts
- Requires written request from the governor or his authorized representative for flood response activities
- Corps policy requires local interests to furnish the following items of cooperation and assurances prior to the undertaking of any work: (1) provide without cost to the United States all lands, easements, and rights-of-way necessary; (2) hold and save the United States free of damages due to the authorized work, exclusive of damages due to the fault or negligence of the United States or its contractor; and (3) if feasible, operate and maintain the emergency work or remove temporary work constructed by the Corps.

How to Obtain Help

Contact your local officials who in turn will contact the State Office of Emergency Services or equivalent and, if required, the state will contact the Corps of Engineers.



Authority to perform activities immediately after a flood or coastal storm is provided by Public Law 84-99, as amended.

REHABILITATION PROGRAM

The Corps of Engineers may rehabilitate (1) flood control structures damaged or destroyed by floods, and (2) Federally authorized and constructed hurricane or shore protection structures damaged or destroyed by wind, wave, or water action of other than an ordinary nature.

Type of Assistance Provided by the Corps

- Repair or restoration of a flood control structure to its pre-disaster condition



The Corps may rehabilitate publicly sponsored flood control structures, and Federally authorized and constructed hurricane and shore protective structures damaged or destroyed by wind, wave, or water action of other than an ordinary nature.

Criteria for Corps of Engineers Assistance

- Requests for rehabilitation assistance must be for a publicly sponsored project
- Rehabilitation projects for non-Federal flood control works will be cost shared at 80 percent Federal and 20 percent from the public sponsor
- The proposed rehabilitation project must have a favorable benefit-cost ratio

- Deficient or deferred project maintenance outstanding when damage occurs will be accomplished by or at the expense of the sponsor either prior to or concurrent with authorized rehabilitation assistance
- Corps policy requires the public sponsor to furnish the following items of cooperation and assurance prior to undertaking any work: (1) provide without cost to the United States all lands, easements, and rights-of-way

necessary; (2) hold and save the United States free from damages due to the work, exclusive of damages due to negligence of the United States or its contractor; and (3) maintain and operate, in a manner satisfactory to the Chief of Engineers, the entire project after completion.

How to Obtain Help

Contact a Corps of Engineers District Office directly. A list of Corps offices is included in this pamphlet.

EMERGENCY WATER

The Corps of Engineers, within specific guidelines, is authorized to provide emergency water assistance to any community confronted with water supply problems associated with drought conditions or a contaminated source if there is a substantial threat to the public health and welfare of the inhabitants in the area.

DROUGHT ASSISTANCE

The intent of the emergency water program is to provide temporary emergency water assistance to meet minimum public health, safety, and welfare requirements. Evaluations of requests for assistance are to be tempered by the fact that Corps assistance is temporary and supplemental to state and local efforts. Long-term solutions to water supply problems remain the responsibility of state and local interests.

Type of Assistance Provided by the Corps

- Transportation of water by vehicles, small diameter pipelines, or other means for human and livestock consumption
- Construction of wells

Criteria for Corps of Engineers Assistance

- Written request from the governor or his authorized representative
- The area is drought distressed and found to have an inadequate water supply which is causing, or is

likely to cause, substantial threat to the health and welfare of the inhabitants of the area, including threat of damage or loss of property

- State and/or local interests should have: (1) a drought emergency declaration from the state or other appropriate authority; (2) utilized all available state and local resources to include funds, manpower, and equipment such as National Guard trucks to haul water; (3) instituted mandatory water conservation measures; (4) prioritized use of available water. Human and livestock consumption and sanitary needs take priority over industrial processes and irrigation of crops; (5) established minimum requirements for public health and welfare; and (6) initiated a long-term solution.

CONTAMINATED WATER ASSISTANCE

The Corps of Engineers is authorized to provide clean water to communities with contaminated water supplies that represent a substantial threat to the public health and welfare. Contamination may have resulted from deliberate, accidental or natural events, including flooding.

EMERGENCY WATER

Type of Assistance Provided by the Corps

- Provide water tank trucks to haul water from a safe source to the point established for local distribution
- Procurement and distribution of bottled water
- Temporary connection of a new supply to the existing distribution system
- Installation of temporary filtration system
- Provide mobile military purification units

Criteria for Corps of Engineers Assistance

- A written request for assistance is required from the governor of the state and/or authorized representative

- State and local governments must fully utilize their own resources, including National Guard capabilities

Duration of Assistance

The Corps assistance normally will be temporary to meet the immediate threat. Assistance is limited to 30 days, or until the Federal Emergency Management Agency undertakes the provision of emergency water under its own authorities, whichever is earlier.

How to Obtain Help

Contact your local political representatives so they may inform the state governor's office. The governor must ask the Corps to provide assistance. For Indian tribal lands, the Bureau of Indian Affairs will normally submit the request for assistance.



Emergency water assistance may be provided to communities confronted with water supply problems due to drought conditions or a contaminated source.

ADVANCE MEASURES

Advance measures prior to predicted flooding consist of those activities performed to protect against loss of life and damage to improved property from flooding. There must be an imminent threat of flooding present before advance measures can be considered. The threat must be of a nature that if action is not taken immediately, damages will be incurred.

Type of Assistance Provided by the Corps

- Strengthening of Federal and non-Federal flood control structures
- Construction of temporary levees to protect life and improved property. Removal of these structures is a local responsibility
- Channel clearance and dredging of Federal projects to restore original design capacity



Advance measures to protect against loss of life and damage to improved property may be taken if there is an imminent threat of unusual flooding established by the National Weather Service or by Corps determinations of unusual flooding from adverse conditions.

- Relieving threat of flooding from possible dam failures by dewatering the impoundment, controlled breaching or strengthening of the structure

Criteria for Corps of Engineers Assistance

- An imminent threat of unusual flooding must exist. The threat must be established by National Weather Service forecasts or by Corps determinations of unusual flooding from adverse conditions
- A written request from the governor for Corps assistance is required. Request must be technically feasible and economically justified
- Advance measures assistance will be in support of state and local on-going or planned efforts. Non-Federal interests must commit all available resources (i.e., manpower, supplies, equipment, funds, etc.)

How to Obtain Help

Contact your local political representatives so they may inform the state governor's office.

FEDERAL RESPONSE PLAN

In addition to our emergency authorities, the Corps also has a primary role in support of the *Federal Response Plan*. The Plan describes the basic structures by which the Federal government will mobilize resources and conduct activities to assist states in coping with the consequences of significant disasters.

Within this Plan, the Department of Defense (DOD) has designated the United States Army Corps of Engineers as the primary agency for planning, preparedness, and response under the Emergency Support Function (ESF #3), Public Works and Engineering.

Each Corps office develops plans based on hazards unique to their area, coordinates with appropriate agencies and identifies response teams to support the assigned missions in the *Federal Response Plan*. Training and exercises are conducted frequently to ensure the readiness of emergency team members when the *Federal Response Plan* is activated. (When the *Federal Response Plan* is implemented, the Corps will continue to provide the emergency assistance programs described in this pamphlet.)

Type of Assistance Provided by ESF #3, Public Works and Engineering:

- Technical advice and evaluations
- Engineering services
- Construction management and inspection
- Emergency contracting
- Emergency repair of wastewater and solid waste facilities
- Real estate support

Some of the activities within the scope of ESF #3 include emergency clearance of debris, restoration of critical public services and facilities, including supply of adequate amounts of potable water, temporary restoration of water supply systems, technical assistance, structural evaluation of buildings, and damage assessment.

How to Obtain Additional Information:

For additional information on ESF #3 and the Corps roles in Federal response, contact a Corps of Engineers office directly. A list of Corps offices is included in this pamphlet.

CORPS OF ENGINEERS

DIVISIONS AND DISTRICTS

CHIEF OF ENGINEERS

HQ U.S. Army Corps of Engineers
ATTN: CECW-OE
20 Massachusetts Avenue NW
Washington, D.C. 20314-1000

U.S. ARMY ENGR DIV, LOWER MISS. VALLEY

ATTN: CECM-V-CO-E
P.O. Box 80
Vicksburg, MS 39181-0080
Telephone: 601-634-7302

U.S. Army Engr Dist, MEMPHIS

ATTN: CELMM-CO-E
Room 137
167 North Main
Memphis, TN 38103-1894
Telephone: 901-544-3461

U.S. Army Engr Dist, NEW ORLEANS

ATTN: CELMN-OD-R
P.O. Box 60267
New Orleans, LA 70160-0267
Telephone: 504-862-2244

U.S. Army Engr Dist, ST. LOUIS

ATTN: CELMS-CO-R
1222 Spruce
St. Louis, MO 63103-2833
Telephone: 314-331-8567

U.S. Army Engr Dist, VICKSBURG

ATTN: CELMK-OD-E
2101 North Frontage Road
Vicksburg, MS 39181-5191
Telephone: 601-631-5015

U.S. ARMY ENGR DIV, MISSOURI RIVER

ATTN: CEMRD-CO-E
12565 West Center Road
Omaha, NE 68144-3869
Telephone: 402-221-7216

U.S. Army Engr Dist, KANSAS CITY

ATTN: CEMRK-EM
700 Federal Building
601 East 12th Street
Kansas City, MO 64106-2896
Telephone: 816-426-6320

U.S. Army Engr Dist, OMAHA

ATTN: CEMRO-EM
215 North 17th Street
Omaha, NE 68102-4978
Telephone: 402-221-4148

U.S. ARMY ENGR DIV, NEW ENGLAND

ATTN: CENED-OD-E
424 Trapelo Road
Waltham, MA 02254-9149
Telephone: 617-647-8533

U.S. ARMY ENGR DIV, NORTH ATLANTIC

ATTN: CENAD-CO-EM
90 Church Street
New York, NY 10007-2979
Telephone: 212-264-7091

U.S. Army Engr Dist, BALTIMORE

ATTN: CENAB-CO-M
P.O. Box 1715
Baltimore, MD 21203-1715
Telephone: 410-962-4223

U.S. Army Engr Dist, NEW YORK

ATTN: CENAN-OP-EM
26 Federal Plaza
New York, NY 10278-0090
Telephone: 212-264-0162

U.S. Army Engr Dist, NORFOLK

ATTN: CENAO-OP-EM
803 Front Street
Norfolk, VA 23510-1096
Telephone: 804-441-7254

U.S. Army Engr Dist, PHILADELPHIA

ATTN: CENAP-OP-EM
Wanamaker Building
100 Penn Square East
Philadelphia, PA 19107-3390
Telephone: 215-656-6756

U.S. ARMY ENGR DIV, NORTH CENTRAL

ATTN: CENCD-EM
111 N. Canal Street
Chicago, IL 60606-7205
Telephone: 312-886-8451

U.S. Army Engr Dist, BUFFALO

ATTN: CENCB-EM
1776 Niagara Street
Buffalo, NY 14207-3199
Telephone: 716-879-4206

U.S. Army Engr Dist, CHICAGO

ATTN: CENCC-CO-E
111 N. Canal Street
Chicago, IL 60606-7206
Telephone: 312-353-4009

U.S. Army Engr Dist, DETROIT

ATTN: CENCE-CO-E
P.O. Box 1027
Detroit, MI 48231-1027
Telephone: 313-226-5789

U.S. Army Engr Dist, ROCK ISLAND

ATTN: CENCR-EM
P.O. Box 2004
Clock Tower Building
Rock Island, IL 61204-2004
Telephone: 309-794-5325

U.S. Army Engr Dist, ST. PAUL

ATTN: CENCSC-CO-EM
180 East Kellogg
St. Paul, MN 55101-1479
Telephone: 612-220-0204

U.S. ARMY ENGR DIV, NORTH PACIFIC

ATTN: CENPD-CO-EM
P.O. Box 2870
Portland, OR 97208-2870
Telephone: 503-326-4100

U.S. Army Engr Dist, ALASKA

ATTN: CENPA-CO-OR-EM
P.O. Box 898
Anchorage, AK 99506-0898
Telephone: 907-753-2513

U.S. Army Engr Dist, PORTLAND

ATTN: CENPP-OP-E
P.O. Box 2946
Portland, OR 97208-2946
Telephone: 503-326-6099

U.S. Army Engr Dist, SEATTLE

ATTN: CENPS-OP-EM
P.O. Box 3755
Seattle, WA 98124-2255
Telephone: 206-764-3406

U.S. Army Engr Dist, WALLA WALLA

ATTN: CENPW-OP-EM
Building 602 - City-County Airport
Walla Walla, WA 99362-9265
Telephone: 509-522-6730

CORPS OF ENGINEERS

DIVISIONS AND DISTRICTS

U.S. ARMY ENGR DIV, OHIO RIVER

ATTN: CEORD-CO-E
Federal Building
550 Main Street
Cincinnati, OH 45201-1159
Telephone: 513-684-3088

U.S. Army Engr Dist, HUNTINGTON

ATTN: CEORH-ORE
Federal Building
502 8th Street
Huntington, WV 25701-2070
Telephone: 304-529-5284

U.S. Army Engr Dist, LOUISVILLE

ATTN: CEORL-ORE
P.O. Box 59
Louisville, KY 40201-0059
Telephone: 502-582-5931

U.S. Army Engr Dist, NASHVILLE

ATTN: CEORN-CO-E
P.O. Box 1070
Nashville, TN 37202-1070
Telephone: 615-736-7037

U.S. Army Engr Dist, PITTSBURGH

ATTN: CEORP-ORE
William S. Moorehead Federal Bldg
1000 Liberty Avenue
Pittsburgh, PA 15222-4186
Telephone: 412-644-4069

U.S. ARMY ENGR DIV, PACIFIC OCEAN

ATTN: CEPOD-EM
Bldg 230
Fort Schafter, HA 96858-5440
Telephone: 808-438-1673

U.S. ARMY ENGR DIV, SOUTH ATLANTIC

ATTN: CESAC-CO-E
77 Forsyth St., SW
Atlanta, GA 30335-6801
Telephone: 404-331-6795

U.S. Army Engr Dist, CHARLESTON

ATTN: CESAC-EM
334 Meeting Street
Charleston, SC 29402-0919
Telephone: 803-727-4675

U.S. Army Engr Dist, JACKSONVILLE

ATTN: CESAJ-CO-M
400 West Bay Street
Jacksonville, FL 32202-4412
Telephone: 904-232-3626

U.S. Army Engr Dist, MOBILE

ATTN: CESAM-EM
P.O. Box 2288
Mobile, AL 36628-0001
Telephone: 205-690-2495

U.S. Army Engr Dist, SAVANNAH

ATTN: CESAS-EM
100 West Oglethorpe Avenue
Savannah, GA 31402-0889
Telephone: 912-652-5431

U.S. Army Engr Dist, WILMINGTON

ATTN: CESAW-EM
P.O. Box 1890
Wilmington, NC 28402-1890
Telephone: 919-251-9508

U.S. ARMY ENGR DIV, SOUTH PACIFIC

ATTN: CESPD-CO-E
630 Sansome Street
San Francisco, CA 94111-2206
Telephone: 415-705-2408

EARTHQUAKE PREPAREDNESS CENTER OF EXPERTISE

ATTN: CESPD-CO-EQ
211 Main Street
San Francisco, CA 94105-1905
Telephone: 415-744-2809

U.S. Army Engr Dist, LOS ANGELES

ATTN: CESPL-CO-E
P.O. Box 2711
Los Angeles, CA 90053-2325
Telephone: 213-894-3440

U.S. Army Engr Dist, SACRAMENTO

ATTN: CESPK-EM
1325 J Street
Sacramento, CA 95814-1922
Telephone: 916-557-6919

U.S. Army Engr Dist, SAN FRANCISCO

ATTN: CESPN-CO-E
211 Main Street
San Francisco, CA 94105-1905
Telephone: 415-744-3027

U.S. ARMY ENGR DIV, SOUTHWESTERN

ATTN: CESWD-CO-E
1114 Commerce Street
Dallas, TX 75242-0216
Telephone: 214-767-2425

U.S. Army Engr Dist, ALBUQUERQUE

ATTN: CESWA-CO-E
P.O. Box 1580
Albuquerque, NM 87103-1580
Telephone: 505-766-2689

U.S. Army Engr Dist, FORT WORTH

ATTN: CESWF-OD-E
P.O. Box 17300
Fort Worth, TX 76102-0300
Telephone: 817-334-2267

U.S. Army Engr Dist, GALVESTON

ATTN: CESWG-CO-E
P.O. Box 1229
Galveston, TX 77553-1229
Telephone: 409-766-3956

U.S. Army Engr Dist, LITTLE ROCK

ATTN: CESWL-CO-E
P.O. Box 867
Little Rock, AR 72203-0867
Telephone: 501-324-5695

U.S. Army Engr Dist, TULSA

ATTN: CESWT-EM
P.O. Box 61
Tulsa, OK 74121-0061
Telephone: 918-581-7362

U.S. ARMY ENGR DIV, TRANSATLANTIC

ATTN: CETAD-EC-MM
P.O. Box 2250
Winchester, VA 22601-1450
Telephone: 703-665-4018



- DIVISION AND DISTRICT HEADQUARTERS
- DIVISION HEADQUARTERS
- ▲ DISTRICT HEADQUARTERS
- STATE BOUNDARIES
- DISTRICT BOUNDARIES
- DIVISION BOUNDARIES



**US Army Corps
of Engineers**