

Missouri
USDA – Natural Resources Conservation Service

Emergency Watershed Protection
(EWP)
Program

Emergency Recovery Plan

February 2002

NRCS Emergency Recovery Plan

for the
Emergency Watershed Protection (EWP) Program
November 2001

Background:

The Missouri EWP Emergency Recovery Plan represents NRCS' commitment to comprehensive pre-disaster planning. The Emergency Recovery Plan (ERP) combined with the Missouri EWP Handbook provides guidance and establishes responsibilities concerning the administration of the EWP program at all NRCS levels in Missouri.

The USDA Natural Resources Conservation Service is authorized under Section 216 of Public Law 81-516, Section 403 of Title IV of the Agricultural Credit Act of 1978, Public Law 95-334, and Section 382, Title III, of the 1996 Farm Bill PL 104-127 to provide technical and financial assistance for emergency watershed protection. Codified rules for administration of the Emergency Watershed Protection (EWP) program are set forth in 7 CFR 624. Emergency watershed protection consists of measures to reduce hazards to life and property from floods, drought, wind and ice storms, and the products of excessive runoff or erosion on any watershed impaired by a natural occurrence.

EWP program assistance (financial and/or technical) may be made available when a watershed emergency is determined to exist by the state conservationist. Assistance is available to those public or private landowners, land managers, land users, or others who have a legal interest in or responsibility for the values threatened by a watershed emergency and have exhausted or have insufficient funds or other resources available to provide adequate relief from the applicable hazards.

Primary NRCS Emergency Watershed Protection Program Contacts

The local NRCS District Conservationist is the initial contact person for landowners and potential sponsors interested in emergency recovery work. Local NRCS representatives can be reached by referring to the federal government section of the local phone directory under "USDA," "U.S. Department of Agriculture," or "U.S. Government, Agriculture." -- OR -- Use the USDA web site "county office locator" at <http://offices.usda.gov/>

USDA - Natural Resources Conservation Service (State Office)

601 Bus. Loop 70 West
Parkade Center, Suite 250
Columbia, MO 65203
573-876-0900
fax: 573-876-0913

Harold L. Deckerd,
Assistant State Conservationist
(Water Resources)
573-876-0900 (work phone)
573-999-3897 (mobile)
harold.deckerd@mo.usda.gov

Keith E. Admire,
State Conservation Engineer
573-876-0910 (work phone)
573-864-1160 or 999-1912 (mobile)
keith.admire@mo.usda.gov

Contacts for Other Agencies

The *State Emergency Management Agency (SEMA) Duty Officer Emergency Response Manual* includes a directory for emergency contacts throughout Missouri. The EWP program manager maintains a current copy of this manual. The manual includes emergency contact information for:

SEMA	Missouri National Guard
FEMA	Missouri Division of Fire Safety
U.S. Army Corps of Engineers (refer to following map of Mo. districts) (Kansas City, Little Rock, Memphis, Rock Island, & St. Louis districts)	Missouri Dept. of Transportation
Missouri Department of Public Safety	Missouri Department of Health
Federal Emergency Management Agency (FEMA)	Missouri Department of Conservation
Law Enforcement Agencies in Missouri (police departments by city & sheriffs' departments by county)	Missouri Department of Agriculture
Missouri State Highway Patrol (headquarters and troops)	Mo. Division of Motor Carrier and Railroad Safety
Other State Agencies (including Urban Search & Rescue)	United States Coast Guard
Missouri Department of Natural Resources	Civil Air Patrol
Missouri Public Service Commission	Volunteer Relief Organizations
	National Weather Service
	Seismic Verification
	Locations of sandbags

Permits and Certification

The EWP Program operates under the U.S. Army Corps of Engineers (COE) Nationwide Permit 37 (NWP 37). The corresponding COE District Engineer must be notified of EWP work in accordance with the General Condition 13. The COE District Engineer should be contacted as soon as it is determined that projects are eligible for EWP. The COE District Engineer should certify applicability of Nationwide Permit 37 and notify NRCS if a Section 401 Water Quality Certification from the Missouri Department of Natural Resources is needed. These determinations should be made before EWP contracts are awarded. The Corps of Engineers website is <http://www.usace.army.mil/>. (Refer to U.S. Army Corps of Engineers contacts in the following section.)

Primary Emergency Program Partners

U.S. Army Corps of Engineers (COE)

The U.S. Army Corps of Engineers is responsible for primary levees in the Missouri and Mississippi River floodplains. Local sponsors or landowners requesting assistance to repair these levees should be directed to the appropriate COE District Office. In addition to levee construction and repair, the COE, through its Flood Plain Management Services, advises communities, industries, and property owners on protection measures they can take themselves, such as zoning regulations, warning systems and flood proofing.

COE Primary Contacts:

Kansas City District: Marjorie DeBrot, (816) 983-3535, USACE, 700 Federal Building, 601 East Twelfth St., Kansas City, MO 64106-2896, email: Marjorie.L.DeBrot@usace.army.mil.
(* The Kansas City District is the immediate contact for area in Missouri in the Omaha District.)

Rock Island District: Col. James V. Mudd, District Engineer, (309) 794-5224, Clock Tower Building, P.O. Box 2004, Rock Island, IL 61204-2004

St. Louis District: Col. Michael R. Morrow, District Engineer, (314) 331-8010, 1222 Spruce St., St. Louis, MO 63103-2833.

Memphis District: Col. Daniel W. Krueger, District Engineer, (901) 544-3221, 167 N. Main Street, Room 137, Memphis, TN 38103-1895.

Little Rock District: Col. Thomas A. Holden, District Engineer, (501) 324-5531, P.O. Box 867, Little Rock, AR 72203-0867



State Emergency Management Agency (SEMA)

SEMA's mission is "to protect the lives and property of all Missourians when major disasters threaten public safety in any city, county or region of Missouri. SEMA responds to two types of disasters - natural and manmade. Natural disasters are major snow and/or ice storms, floods, tornadoes and/or severe weather, as well as the threat of a serious earthquake along Missouri's New Madrid Fault. Manmade disasters, also known as technological emergencies, may include hazardous material incidents, nuclear power plant accidents and other radiological hazards. SEMA is also responsible for developing a State Emergency Operations Plan which coordinates the actions of Missouri State government departments and agencies in the event of any emergency requiring use of State resources and personnel."

SEMA may also serve as the initial contact for assistance from the Federal Emergency Management Agency (FEMA). Together, the two agencies may provide financial or technical assistance to local units of government for emergency recovery activities. Primary contact person is Jerry B. Uhlmann, Director, 2302 Militia Drive, Jefferson City, MO 65101, 573-526-9101. The web site URL is <http://www.sema.state.mo.us/>.

Cooperating Partners

Missouri Department of Conservation (MDC)

The mission of MDC is to protect and manage the fish, forest, and wildlife resources of the state, to serve the public and facilitate their participation in resource management activities, to provide opportunity for all citizens to use, enjoy, and learn about fish, forest, and wildlife resources. MDC and NRCS have cooperating agreements to employ MDC Area Biologists in each of the five NRCS administrative areas and to provide MDC Wetland Biologists for each of the four Wetland Emphasis Teams. Assistance on private land is available from MDC private land conservationists.

Primary contact is Jerry Conley, Director, PO Box 180, Jefferson City, MO 65102, 573-751-4115, email: conlej@mail.conservation.state.mo.us. The agency web site is <http://www.conservation.state.mo.us/>. Primary EWP assistance is provided by the MDC Wetland Biologists assigned to the Wetland Emphasis Teams or by the MDC Area Biologists, located in each of the five NRCS Area Offices.

Missouri Department of Natural Resources – Soil & Water Conservation Program

The mission of the Soil and Water Conservation Program is to administer the policies and general programs developed by the Soil and Water Districts Commission for the saving of Missouri soil and water through the soil and water conservation districts in their work with landowners.

Primary contact is Sarah Fast, PO Box 176, Jefferson City, MO 65102, 573-751-4932, email: nrfasts@mail.dnr.state.mo.us. The program web site is: <http://www.dnr.state.mo.us/deq/swcp/>.

Missouri Watershed Information Network (MoWIN)

MoWIN is a partnership of state and federal agencies, non-governmental organizations, natural resources interest groups, and private industry working together to facilitate access to watershed information in Missouri. MoWIN may be reached at <http://outreach.missouri.edu/mowin/>. Acronym City, a web site service of MoWIN provides links to all natural resource, water quality and watershed oriented agencies and organizations that function in Missouri. It is a quick and easy way to connect to virtually all of the emergency recovery organizations; web site <http://outreach.missouri.edu/mowin/Acronym/acity.html>. The Missouri Conservation Assistance Guide is available in a notebook from MoWIN and also on their web site.

Primary contact: Tabitha Madzura, UMC, 232 Ag. Engineering Bldg., Columbia, MO 65211, 573-882-0085, MadzuraT@missouri.edu.

USDA – Farm Service Agency (FSA)

FSA administers the USDA Emergency Conservation Program (ECP) with technical assistance from NRCS. ECP may provide financial and technical assistance for individual landowners to repair emergency event-damaged conservation practices and remove debris from agricultural fields. Assistance should be requested through FSA County Committees, local USDA Service Center. Service Center phone numbers and addresses are available through the USDA web site, <http://www.fsa.usda.gov/mo/>. Primary contact for the state is Tim Kelly, State Executive Director, (573) 876-0925, USDA-FSA, 601 Bus. Loop 70 West, Parkade Center #225, Columbia, MO, email: tim.kelly@mo.usda.gov.

U.S. Fish & Wildlife Service (FWS)

FWS personnel are available to assist with environmental evaluations of potential EWP project sites and to ensure compliance with the federal Endangered Species Act. Kelly Srigley-Warner, FWS, serves on the tri-agency biology team for PL-566 watershed project planning.

Primary contact: Charles M. Scott, Field Supervisor, Fish & Wildlife Service, Ecological Services, Columbia Field Office, 608 East Cherry Street, Room 200, Columbia, MO, 65201, (573) 876-1911, e-mail: charles_scott@fws.gov

USDA Forest Service (FS)

The Forest Service is responsible for administering EWP measures on National Forests and National Grasslands. The FS is also responsible for emergency measures on all forested lands or rangelands within National Forests, on adjacent rangelands administered by FS, and on other forest lands. Emergency work can be done by either NRCS or FS on these lands as mutually agreed.

Primary contact: Forest Supervisor's Office, Mark Twain National Forest, 401 Fairgrounds Road, Rolla, MO 65401, (573) 364-4621

University of Missouri Outreach & Extension

NRCS works with the University of Missouri through a variety of cooperative agreements and working relationships. Contact information for local University Outreach & Extension offices is available at the web site <http://outreach.missouri.edu/>.

Primary contacts: David Baker, UMC, 2-28 Agriculture Bldg. (573) 882-6385 or Robert Broz, UMC, 205 Ag. Engineering Bldg., (573) 882-0085, Columbia, MO 65211.

Project Sponsors

All EWP projects must be represented by a project sponsor. The sponsor must

- 1) be a legal subdivision of a state government or the state itself, a local unit of government, or qualified Native American tribal organization;
- 2) have legal authority and agree to use such authority to obtain needed real property rights, water rights, and permits; and
- 3) agree to provide for the operation and maintenance of completed emergency measures.

Potential Sponsors

levee districts
 drainage districts
 watershed districts
 soil & water conservation districts
 county commissions & county government
 municipal, township or local unit of government
 public water supply districts
 state government and agencies of state government

Typical Missouri EWP Recovery Measures

Recovery from heavy rainfall events and subsequent flooding are the primary reasons that the EWP Program has been used in Missouri. Past EWP work in Missouri has almost entirely been repairing and reconstructing levees, removing sediment and debris from drainage ditches, removing log jams (especially around bridges), and installing streambank protection (especially to protect roads, facilities and farmsteads).

Levee repairs typically involve restoring levees in the same location to the same protection level (same elevation). In severe conditions, scour holes result when floodwaters top levees and ring levees are built surrounding the scour hole. Ring levees are replacements in new locations and typically tie into existing levees. Financial assistance for ring levees is only available when they are less expensive to construct than reconstructing the original levee. Sponsors frequently provide some of their share of the cost through in-kind services of preparing seedbeds and seeding and mulching levee repairs.

Drainage ditch clean outs typically involve removing the sediment deposited from the flood event that created the need for EWP assistance. Sediment removal that is considered normal maintenance is not provided through EWP. Sponsors in-kind share of recovery costs typically includes removal or spreading of sediment spoil.

Logs and other debris resulting from log jam removals are typically buried or burned near the site, ensuring that wetlands and other environmental concerns are appropriately addressed. Sponsors may provide in-kind payment by destroying logjam debris after it is removed from the stream.

Streambank protection projects for agricultural land in Missouri can be difficult to justify since they typically do not offer the economic return or multiple landowner benefits. Exceptions usually occur when streambank erosion impacts roads, other infrastructure, or farmsteads.

EWP Administrative Structure & Responsibilities

EWP Manager: Responsible for all emergency recovery activities. Supervises all emergency teams. Ensures that all activities comply with required EWP timelines including funding requests, required reports and permit approvals.

Emergency Organizational Team: Initiates recovery plan and procedures. Determines level of response needed. Assigns State Office specialists to the State Emergency Management Team. Provides guidance to State Conservationist and EWP Manager for policy decisions.

In small disaster events the Emergency Organizational Team may decide that mobilization of the entire State Emergency Management Team is not necessary. In this situation the Organization Team will most likely designate state office staff to handle specific jobs and the EWP Manager will work directly with appropriate ASTC(FO)s to address the workload.

In larger disaster events the Emergency Organizational Team may mobilize a variety of state office staff to assist the State Emergency Management Team and will initially convene the State Emergency Management Team.

State Emergency Management Team: Provides guidance, statewide consistency and expertise in response to the emergency. Assigns staff to Emergency Response Team and allocates equipment. This team may meet at the beginning of an event and then conduct future meetings through teleconferences and/or email.

Emergency Response Team: Provides day-to-day expertise in response to emergency as assigned by State Emergency Management Team. Comprised primarily of Area and Field Office staff and state office contracting officer. In small emergency recovery events the Emergency Response Team may include State Office staff, especially for engineering.

(Refer to EWP organizational chart on page 9.)

Procedures (Refer to Missouri EWP Handbook)

The State Emergency Management Team will develop and distribute a packet of information to provide guidance to the Emergency Response Teams that is specific to the EWP event. The packet should include at least:

- Construction specification for common activities
- Standard drawings
- Production rate guides for equipment and labor
- Cost estimate guides
- Guides for economic analysis and determination of near term damage reduction (benefits)

Preferred Contracting Procedures

The warranted contracting officer will determine the most efficient method of contracting based on current Federal Acquisition Regulations. This may include use of master packages, federal contracts, local contracts, or simplified acquisition procedures. Various methods may be utilized dependent on the extent of the emergency. (Refer to the EWP Checklist on page 7 of the Missouri EWP Handbook for a list of activities and positions responsible for each activity.)

Public Information Plan

News releases are prepared by state office public information and marketing staff. Typically, statewide and areawide releases are sent to appropriate NRCS field office and a distributing service, "The Link," which forwards information to print and broadcast media. The Link can send to all media in the state or smaller areas, as requested. District conservationists, SWCDs and EWP engineers may also work with local media to provide locally relevant information.

NRCS public information staff may also prepare fact sheets for distribution by field office staff to the public. Public information staff may also prepare PowerPoint or flip-chart presentations that field office staff can use to inform the public. Refer to general EWP fact sheet in the Missouri EWP Handbook.

Primary contact: Norm Klopfenstein, USDA-NRCS Public Information Officer, 601 Bus. Loop 70 West, Parkade Center #250, (573) 876-0911, email: norm.klopfenstein@mo.usda.gov.

Missouri NRCS
EMERGENCY WATERSHED PROTECTION PROGRAM (EWP)
ORGANIZATIONAL CHART

