

SECTION IV - COORDINATION WITH OTHER AGENCIES AND THE PUBLIC

4.01 GENERAL

A high degree of coordination was maintained with all appropriate Federal and State agencies during preparation of the original Master Plan and in the preparation of subsequent updates to the Master Plan. For this reason, a summary of agency coordination during project development and the ensuing 19 years of agency and public coordination and cooperation is contained in the following paragraphs. Detailed coordination activities are presented in the Operational Management Plan (OMP) under separate cover.

4.02 FEDERAL AGENCIES

a. National Park Service

The National Park Service reviewed the proposals for development contained in the original Master Plan. Their comments were coordinated with the Missouri State Park Board (now MDNR) and were given full consideration in the development of the Master Plan and recreation facilities.

b. U.S. Fish and Wildlife Service

During the early stages of project planning, the USFWS and the Corps were in frequent contact to coordinate their respective programs for fish and wildlife resources at Mark Twain Lake. Initial coordination called for a license agreement between the Corps and the MDC for wildlife management on approximately 14,000 acres of land. In 1978 the MDC declined to enter into a cooperative agreement at Mark Twain Lake. The Corps of Engineers has assumed responsibility for the wildlife management of these and other lands. Cooperation between the Corps and the USFWS is continuing with the recent North American Waterfowl Cooperative Agreement between the Department of Interior and Department of the Army.

c. Public Health Service

The Public Health Service prepared a report and recommendations concerning vector-borne diseases at the time of lake construction. Many of these recommendations are now considered obsolete in the light of current environmental concerns and knowledge.

In Missouri, diseases such as St. Louis and eastern equine encephalitis are a potential threat each year, but the much-publicized West Nile encephalitis has overshadowed them recently. West Nile virus (WNV) was first discovered in the United States in New York City in 1999 and spread to other states in the

Northeast and along the Atlantic seaboard during 2000. WNV invaded the Midwest in 2001, and by the fall of that year had been identified in eight crows in eastern Missouri. One positive WNV case was reported for Monroe Co. in 2002.

The Centers for Disease Control and Prevention is working with the U.S. Geological Survey, U.S. Department of Agriculture Animal and Plant Health Inspection Service, state wildlife agencies, and state and local health and vector control agencies to track the occurrence of WNV. Organizations in the lower 48 States and localities are actively participating in a WNV Surveillance System.

The WNV Surveillance System is intended to monitor the geographic and temporal spread of WNV over the contiguous United States, to further develop national public health strategies for WNV surveillance, prevention, and control; to develop a more complete regional picture of the geographic distribution and incidence of similar viruses; and to provide national and regional information to public health officials, elected government officials, and the public.

d. Natural Resources Conservation Service (NRCS)

The Corps maintains continuing coordination with the NRCS concerning agricultural management programs on public land. The NRCS also provides information regarding cooperative plans, tillage techniques, agricultural leases and pond construction, design, and location. This information is used as a basis for planning purposes by the NRCS for proposed projects in the upper watershed and by the Corps for water quality concerns.

The NRCS, in association with the MDC, sponsor Wetland Reserve Program projects on flowage easement lands. Both agencies have a vested interest in management and identification of wetlands. The NRCS has an interest in the policies and procedures used by the Corps to interpret and administer Section 404 of the Clean Water Act of 1972. The Corps has an interest in how the NRCS administers wetlands through the 1985 Food Security Act. Both agencies work together to effectively meet their goals.

e. Federal Power Commission

The study to determine the feasibility of generating hydroelectric power as one of the multiple purposes of Mark Twain Lake was coordinated with the Chicago Regional Engineer of the Federal Power Commission.

f. Southwestern Power Administration (SWPA)

The Southwestern Power Administration was originally consulted regarding the financial feasibility of power generation at Mark Twain Lake. They later became the contracted buyer of the generated electricity. Contractual and administrative coordination is on going and will continue with Southwestern Power Administration.

g. Advisory Council on Historic Preservation

The Advisory Council on Historic Preservation is a division of the Executive Office and serves in an advisory capacity to the President. The Advisory Council reviews and comments on federal agencies' findings of "adverse effect" or "no adverse effect" to cultural properties for construction, operation, and maintenance projects. The Advisory Council also comments and provides guidance on federal agencies' proposals to avoid or mitigate adverse effects.

4.03 STATE OF MISSOURI

Close liaison with the MDC, Missouri Department of Natural Resources and Missouri Department of Transportation was maintained through the planning and early development phases of Clarence Cannon Dam and Mark Twain Lake.

a. Missouri Department of Natural Resources (MDNR)

The MDNR includes the following divisions; State Parks; Outreach and Assistance; Water Protection and Soil Conservation; Air and Land Protection; and Geologic Survey and Resource Assessment. The Corps of Engineers has a 25-year lease with Missouri State Parks for approximately 1,559 acres of outgranted State Park lands near Florida, Missouri. The Corps works closely with the Mark Twain State Park in future planning, maintenance and monitoring visitation.

(1) State Historic Preservation Office (SHPO) Coordination is also maintained with this agency, which is within MDNR. The SHPO provides information and guidance regarding the protection and preservation of cultural resources and assists in making determinations of cultural resources eligibility for inclusion in the National Register of Historic Places.

(2) The Corps coordinates with the MDNR regarding the construction and operation of wastewater treatment facilities, the maintenance of effluents (NPDES and Operating permits), drinking water and clean water quality standards.

(3) The Corps of Engineers also works with the MDNR concerning lake and watershed water quality, monitoring of sewage and solid waste disposal and coordination of raw water for municipal use.

b. Missouri Department of Conservation (MDC)

This agency has the formal responsibility of fisheries management for Mark Twain Lake and the re-regulation pool. Informally the Corps of Engineers coordinates management objectives with the MDC concerning enforcement,

Mark Twain Lake Master Plan

fisheries management, endangered species, raptor reintroduction programs, forestry, and prairie restoration and management.

(1) An Agreement between the U.S. Army Corps of Engineers and the MDC allows the Corps to conduct authorized deer and turkey hunts within Corps recreation areas during established hunting seasons. These hunts are conducted for physically challenged hunters.

(2) MDC has a cooperative effort with the Corps to develop littoral zone structures in Mark Twain Lake.

(3) Hunter Education Programs

The Education Program, sponsored by the MDC is to provide hunter education instruction to all citizens. Corps Rangers and MDC personnel cooperatively provide hunter safety and ethics training to the general public. The Corps provides a classroom, shooting facilities, and teachers to work cooperatively with MDC personnel in providing training and live firing to the general public.

(4) Shooting Range Inspections

MDC personnel inspect the shooting range in the Warren G. See South Spillway area and prepare an annual report evaluating the safety conditions of the range.

(5) Archery Range

MDC and Corps personnel will develop the plans for an archery range in the Ray Behrens Day Use Area. These plans will be used for the construction of the range.

c. Missouri Department of Transportation

Coordination is on going concerning signs, maintenance of right-of-way, encroachments and potential future transportation system upgrades for the area.

d. Missouri Highway Patrol

This agency provides support that includes traffic control, law enforcement, accident investigation and reporting, and emergency response. A Memorandum of Agreement is in place with these agencies and the Missouri Division of Highway Safety, St. Louis, Little Rock, Memphis, Rock Island, and Kansas City Districts of the Corps of Engineers. This partnership provides a mutually beneficial opportunity for each agency to improve the effectiveness of their safety education/awareness programs through such initiatives as the safety billboards across Missouri. These collaborative safety campaigns are

designed to address visitor inquiry and accidents. Examples include highway billboards and driver checkpoints.

e. Missouri Water Patrol

This agency provides support that includes boat inspections, enforcement of state laws, boat safety courses, and search and rescue operations. The Missouri Water Patrol also participates in the Memorandum of Agreement with the Missouri Highway Patrol to improve effectiveness of safety education/awareness programs.

f. Missouri Department of Public Safety/Motorcycle Safety Foundation

The Motorcycle Safety Foundation is administered through the Missouri Department of Public Safety, Division of Highway Safety. The Foundation is planning to provide motorcycle safety and operation training programs at Mark Twain Lake for the public and employees.

g. Challenge Partnership with the MDC, National Rifle Association Foundation Inc.

This agreement provided for the construction of the David C. Berti Shooting Range in the Warren G. See South Spillway Area for hunter education training and the enjoyment of visitors. It ensured the availability of safe multi-use opportunities on public lands.

4.04 NATIVE AMERICAN TRIBES

Beginning in October 1999, St. Louis District began consulting with 21 federally recognized tribes regarding cultural resource issues at Mark Twain Lake. The tribes are the Choctaw Nation; Hannahville Indian Community; Ho-Chunk Nation; Iowa Tribe of Kansas; Iowa Tribe of Oklahoma; Kickapoo Tribe of Oklahoma; The Kickapoo Traditional Tribe of Texas; Kickapoo Tribe of Kansas; Miami Tribe; Osage Nation; Citizen Potawatomi Nation; Forest County Potawatomi; Pokagon Band of Potawatomi; Huron Potawatomi Nation; Prairie Band of Potawatomi; Gun Lake Potawatomi; The Peoria Tribe; Sac & Fox Nation of Oklahoma; Sac & Fox Tribe of Iowa; Sac & Fox Nation of Kansas; and Winnebago Tribe. These tribes, as mandated by the National Historic Preservation Act of 1966 (as amended), Executive Order 13007, the American Indian Religious Freedom Act of 1978, and the Native American Graves Protection and Repatriation Act must be consulted regarding potential adverse effects on sites that are of cultural or religious importance to them or that involve human remains and funerary objects. St. Louis District is in regular contact with these tribes regarding any issues that might be of interest to them.

4.05 LOCAL AGENCIES

There has been and continues to be a great deal of coordination between the Corps of Engineers and local agencies. Coordination includes information on future plans, advisement of changes in policies and regulations, exchange of information and cooperation on special events, recreation and volunteer programs.

The Corps cooperates with several local primary agencies and organizations: Ralls and Monroe County Courts and Sheriff's Departments, Clarence Cannon Wholesale Water District, Ralls County Electric Cooperative, Northeast Power Cooperative, Tri-Cities Chamber of Commerce, Mark Twain Lake Chamber of Commerce, and the Lower Salt River Basin Coalition.

a. Challenge Partnership Agreements

Challenge Partnership Agreements with Tri-City Commission

Two agreements have been instituted. One agreement includes installation of a non-discharge wastewater infiltrator system in the Warren G. See South Spillway Recreation Area. The Commission is interested in promoting and assisting the Government in providing this sanitation system for the public's benefit and use during Special events.

Another agreement resulted in construction of a picnic shelter in the Warren G. See South Spillway Recreation Area. This facility provides support and safety features for events held in this area.

Challenge Partnership with the Missouri Equine Council

This partnership resulted in the construction and maintenance of multi-use trails and a trail extension at Mark Twain Lake.

Challenge Partnership with the Missouri Department of Conservation, National Rifle Association Foundation Inc.

This partnership provided for the construction of the David C. Berti Shooting Range in the Warren G. See South Spillway Area. The shooting range provides a safe and convenient place for public firearm enthusiasts and serves as a training facility for hunter education classes, area law enforcement and new shooters. The partnership agreement ensures that multi-use opportunities are available on public lands.

b. Memoranda of Agreement

Memorandum of Agreement with Greenlawn Saddle Club, Missouri Long Riders, Monroe County Saddle Club, N.E. Missouri Long Ears Association, and Trails Committee Missouri Equine Council (MEC)

This MOA states these organizations will purchase land for donation to the government. The purpose of this agreement is to promote responsible

stewardship of natural resources. These donations will enable the rerouting of difficult to traverse sections of the Joanna and Lick Creek multi-use trails to improve trail safety.

Memorandum of Agreement with the NEMO Chapter of the National Wild Turkey Federation, Inc. and Hannibal Vo-Tech

This agreement strives to produce an integrated approach to the management of public lands. This approach will maximize the benefits to wildlife by promoting stewardship of the natural and cultural resources at Mark Twain Lake while promoting community service and involvement.

Memorandum of Agreement with the Northeast Missouri Vietnam Veterans, Inc.

This agreement permits a memorial that honors area citizens who participated in the Vietnam conflict. The Northeast Missouri Vietnam Memorial was constructed at the M.W. Boudreaux Visitor Center.

Memorandum of Agreement with the Mark Twain Lake Chamber of Commerce

This agreement establishes a relationship of cooperation regarding issues of common interest. Furthermore, it will enable the parties to the agreement to jointly plan and carry out mutually beneficial programs, projects and activities relating to responsible enjoyment, visitor safety and environmental stewardship of Mark Twain Lake and associated public lands.

Memorandum of Agreement Customer Funding with the Jonesboro, Arkansas City Water and Light and the Southwestern Power Administration (Southwestern)

This MOA is for the rehabilitation of the power plant intake gates, bridge crane controls, service air compressors, gantry crane and generator coolers.

Cooperative Agreement with the University of Missouri

The University of Missouri will house, manage, stabilize, preserve, and provide access to archaeological collections and records generated in conjunction with Corps of Engineers' activities in the State of Missouri.

Cooperative Agreement with the North American Waterfowl Management Plan

A task force will be formed to explore potential opportunities for waterfowl habitat on corps projects.

MO Partners for Safety (MOPS)

The MO Partners for Safety (MOPS) is a partnership that began with an MOA in 1998 between all five U.S. Army Corps of Engineers Districts in Missouri, the Missouri State Water Patrol, and the Missouri State Highway Patrol. Initially, MOPS was involved in promoting a statewide "buckle-up seatbelts and life jackets" billboard campaign. Since then, cooperation has

continued to expand with these and other agencies becoming involved in discovering ways to work together to improve their education and safety awareness efforts.

c. Memoranda of Understanding

Memorandum of Understanding with the Mark Twain Water Quality Initiative

This project will show the benefits of holistic land management to improve the various environmental aspects of the Mark Twain Lake Watershed. The results of this study will benefit Mark Twain Lake, the local communities, and result in improved water quality.

Memorandum of Understanding with the Bass Anglers Sportsman Society (B.A.S.S.)

The purpose of this agreement is to establish a framework of cooperation to maintain and enhance the productivity of sport fishery resources and public fishing opportunities at U.S. Army Corps of Engineers water resource projects.

Memorandum of Understanding with the Nature Conservancy.

Provides for the Nature Conservancy to provide management and monitoring recommendations, review natural resource management plans, and monitor conditions on public lands to maximize environmental stewardship efforts.

Clarence Cannon Wholesale Water Commission

This agreement allows for the use of up to 5.5 million gallons of water per day by the commission. This water provides service for local communities in Northeast Missouri.

Memorandum of Understanding with the American Canoe Association

This agreement will leverage the use of our finite resources in the protection of resources, promotion of recreation, enhancement of visitor safety, improvement of accessibility, and attraction of additional volunteers to Corps projects.

Mark Twain Lake Water Safety Program Partnering

This program is a key element in the success of the water safety program at Mark Twain Lake and has received national recognition at the National Water Safety Congress. The cooperation of many local partners has made this effort successful: Hardees of Monroe City, Pizza Hut, Kentucky Fried Chicken, Refreshment Services Pepsi of Quincy, C&R Markets of Monroe City, Wal-Mart Inc., and Lamar Advertising. Water safety will continue to be an integral part of all programs at Mark Twain Lake.

- d. Other local partners contributing to special events.

Adventure in Astronomy

This program is offered with the academic support from local educators at Hannibal-LaGrange College. Additional contributions from high school teachers and Corps personnel have afforded local visitors the opportunity to pursue topics of interest in space and astronomy fields.

Kids Fishing Day

This program, introducing young visitors to the art of fishing, is partnered with the MDC.

MSWP Safe Boating Course

This partnership with the Corps and the Missouri State Water Patrol provides boat safety courses for the general public.

Primitive Artifacts

This special event explores the cultural heritage of the Mark Twain Lake region. Partners include the Ralls, Marion, and Northeast Missouri Archeological Society and the University of Missouri.

Water Safety Bulletin Board Contest

This water safety contest is partnered with Lamar Advertising to provide water safety campaign messages for the Mark Twain Lake area.

Salt River Folk Life Festival

This special event is partnered with the Corps, Missouri Department of Natural Resources, and the Friends of Florida to educate and promote historical living skills, entertainment and crafts of nineteenth century northeast Missouri.

Mule Days

This special event is partnered with North East Missouri Long Ears Association and the Mark Twain Lake Area Chamber of Commerce.

C.A.S.T for Kids Event

A partnership with the C.A.S.T. for Kids Organization, the Corps of Engineers, the Mark Twain Lake Bass Masters and area businesses provide physically challenged and under privileged kids the opportunity to learn about and enjoy fishing.

Environmental Education Day

This informal agreement is a joint effort by a variety of organizations to promote environmental education to area students. Partners in this event include BASF Corporation, Continental Cement, The Pillsbury Co., Al's Rental Plus, Northeast Missouri Power, MDC, C&R Supermarkets, Pace Industries, the U.S. Army Corps of Engineers, Missouri Department of

Natural Resources, Kan-Man Recycling, Northeast MO Electric Power Coop, JC Auto & Truck, MO Watershed Information Network, USFWS, NEMO National Turkey Federation, McLeod, Ralls County Electric Coop, Ralls, Monroe & Marion Co. Soil and Water Conservation District, St. Louis Science Center, and Missouri Pork Producers.

4.06 OTHER AGENCIES AND ORGANIZATIONS

Ralls and Monroe Counties

Coordination with these local governmental bodies continues to be conducted as action/plans of mutual interest and/or impacts are identified at Mark Twain Lake. A Memorandum of Understanding was developed in 1986 with the identification of county roads within the project. Cooperative agreements are also maintained with the Ralls County Sheriff's Department and the Monroe County Sheriff's Department for the provision of additional law enforcement services on Corps administered public lands. These agreements have proven to be highly successful and will be continued as funding permits. These agreements would provide a contractual mechanism to meet Homeland Security requirements for the project.

Perry Volunteer Fire Department

The Mark Twain Lake Project Office is a dues paying member of the Perry Volunteer Fire Department. The department helps to suppress fires at Corps owned structures, Corps visitor's property and to assist in the suppression of forest and/or brush fires that immediately threaten Corps owned structures within their jurisdiction. Continued coordination will be maintained as required.

Monroe City Area Fire Protection District.

The Mark Twain Lake Project Office has a cooperative agreement with this agency to suppress fires in Corps owned structures, Corps visitor's property and to assist in the suppression of forest and/or brush fires that immediately threaten Corps owned structures within their jurisdiction. Continued coordination will be maintained as required.

Paris Rural Fire Protection District.

The Mark Twain Lake Project Office has a cooperative agreement with this agency to suppress fires in Corps owned structures and Corps visitor's property and to assist in the suppression of forest and/or brush fires that immediately threaten Corps owned structures within their jurisdiction.

Two Marinas on Mark Twain Lake.

Indian Creek and Blackjack marinas operate and provide services to the public that may not otherwise be provided by the federal, state, and local governments.

4.07 COORDINATION

The update of the Mark Twain Lake Master Plan was coordinated with elected officials, partner agencies and organizations, and the public. A public meeting was conducted in the fall of 2001 to identify and discuss issues of concern regarding Mark Twain Lake's operation prior to initiating the update the Master Plan. The final draft plan was circulated for public review and comment in the fall of 2003.

A report entitled *Market Potential and Feasibility Analysis of Commercial Concession Development at Mark Twain Lake* was completed in January 2001. Information developed in that study is incorporated in this Master Plan and a summary is included in Appendix B.

Comments received from the public, organizations and agencies at the initiation of this study and on the final draft were considered in the development of this plan. Responses to each comment received are included in Appendix C of this plan.