

# SHORELINE MANAGEMENT PLAN

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## MISSISSIPPI RIVER NINE-FOOT CHANNEL NAVIGATION PROJECT

POOLS 11 - 22

SEPTEMBER 1989

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US Army Corps  
of Engineers  
Rock Island District



REPLY TO  
ATTENTION OF:

CENCR-PD-E

DEPARTMENT OF THE ARMY  
ROCK ISLAND DISTRICT, CORPS OF ENGINEERS  
CLOCK TOWER BUILDING—P.O. BOX 2004  
ROCK ISLAND, ILLINOIS 61204-2004

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I. INTRODUCTION

A. Purpose. The purpose of this Shoreline Management Plan is to furnish guidance for the management, protection, and preservation of the Mississippi River's environment while allowing a balanced use of the shoreline. Within this plan, the Rock Island District will establish its policy concerning private exclusive use of Corps of Engineers-owned property from Guttenburg, Iowa, to Saverton, Missouri. Private exclusive use involves placing private recreational structures or pursuing certain activities along Corps shorelines that are limited to the individual and are usually not available to the general public. The plan discusses the conditions and restrictions of such private exclusive use(s).

B. Scope. This plan does not apply to Corps-administered cottage site and residential leases or to commercial marina or navigation activities. The cottage site and residential lease policies are based on the Water Resources Development Act of 1986 [Public Law 99-662, Section 1134(a, b, and c)] and other Corps policy statements.

The Corps of Engineers outgrants some project property to the U.S. Fish and Wildlife Service through a Cooperative Agreement for fish and wildlife management purposes. Much of this outgranted land is managed as part of the Upper Mississippi River National Wildlife and Fish Refuge or the Mark Twain National Wildlife Refuge. Lands outgranted under the Cooperative Agreement are referred to as General Plan lands. Private recreational structures are not compatible with the purposes of a refuge. An effort has been made to zone lands so that private recreational structures are not within the Cooperative Agreement/General Plan. The status of private recreational structures that are in proximity to General Plan lands are discussed in this plan.

C. Authorities.

1. Title 36, Code of Federal Regulations, Part 327.30, Shoreline Management at Civil Works Projects, Proposed rule, June 8, 1988.
2. The Water Resources Development Act of 1986 [Public Law 99-662, Section 1134(d)].

3. U.S. Army Corps of Engineers, North Central Division Regulation 405-3, Special Use Licenses, dated July 13, 1964.
4. U.S. Army Corps of Engineers, Rock Island District, Mississippi River Project, Land Use Allocation Plan, Spring 1989.
5. U.S. Army Corps of Engineers, Rock Island District, Mississippi River Project, Resource Management Master Plan, 1969.
6. U.S. Army Corps of Engineers, Engineering Regulation 405-1-12, Chapter 8, Real Estate Handbook, November 20, 1985.
7. Section 10, Rivers and Harbors Act of March 3, 1899.
8. Section 404, Clean Water Act (33 USC 1344).
9. Title 36, Chapter III, Part 327, Code of Federal Regulations, Rules and Regulations Governing Public Use of Corps of Engineers Water Resources Development Projects, May 1986.
10. Engineering Manual 385-1-1, Safety and Health Requirements Manual, October 1984.

D. Policy. It is the Chief of Engineers' policy to protect and manage shorelines of all civil works water resource development projects under Corps jurisdiction in a manner which will promote the safe and healthful use of these shorelines by the public, while maintaining environmental safeguards to ensure a quality resource for use by the public. The objectives of all management actions will be to achieve a balance between authorized private uses and resource protection for general public use. Public pedestrian access to and exit from these shorelines will be preserved.

The current Corps policy, as stated above, has evolved over time. In the past, individuals were allowed to place private recreational structures on Government land to access and enjoy the opportunities afforded by the Mississippi River. Over time, the appropriateness of this philosophy has been re-evaluated. The fundamental argument against allowing private use of Government land is that it is inappropriate to grant exclusive use privileges to individuals upon lands acquired and maintained with public funds. Government lands should be available for equitable use by all members of the public. Allowing private structures on Government land creates an appearance of private property and discourages the use of these shorelines by the general public. Protection of the project's resource

values should dictate how use of public land is regulated and managed. While current policies allow existing private exclusive use to continue under certain circumstances, such use is prohibited at new projects or at projects where such use did not exist before 1975.

Therefore, it is the policy of this plan that:

1. Existing permits/licenses for authorized private recreational structures and activities will be continued within certain limitations.
2. New permits/licenses for private recreational structures and activities will be allowed only in Limited Development Areas.
3. Modification or replacement of existing structures, or addition of new structures to a valid permit/license may be allowed within certain limitations.
4. All unauthorized structures or activities will be removed from Corps administered lands.

Each of these four policy statements is subject to the provisions and intent of this plan.

## II. PRELIMINARY PLANNING

The regulation establishing the Corps of Engineers policy concerning lakeshore management dates back to 1969. A major revision to this regulation was made in 1974. Recently, however the Corps has taken a broader view of lakeshore management and on June 8, 1988 published a proposed rule change in the Federal Register. The rule addresses Shoreline Management at Civil Works Projects and clearly applies to the Mississippi River Project. This plan represents the project's first Shoreline Management Plan. The allowable zones for private recreational structures, as described in this plan, are based on the Rock Island District's Land Use Allocation Plan.

## III. OTHER RELATED PLANS

The original Resource Management Master Plan for the project was prepared in 1947, with revisions in 1954 and again in 1969 through 1971. In 1980, the District began a revision to the master plan concentrating most on the land use allocation portion. At the same time, the St. Paul District and the U.S. Fish and Wildlife Service were preparing land use plans for their areas of responsibility. The U.S. Fish

and Wildlife Service Land Use Allocation Plan was completed in September 1986. The St. Paul District Land Use Allocation Plan was completed in September 1983. Additionally, the St. Paul District completed a Shoreline Management Plan for the Mississippi River from Minneapolis, MN. to Guttenberg, IA. in June 1987.

#### IV. PUBLIC INVOLVEMENT

At the start of the land use allocation process, public workshops were held to solicit input from the public and other agencies. Throughout the development of the plan, District representatives have worked very closely with representatives of the U.S. Fish and Wildlife Service and the State's of Wisconsin, Iowa, Illinois, and Missouri. The public and agency involvement process included the review the draft Shoreline Management Plan and the draft Land Use Allocation Plan. The review period ended May 10, 1989. After evaluating the comments received, the plans were finalized and sent to the North Central Division of the Corps of Engineers for approval. The results of the public review are provided in the report titled "Public Participation Documentation" dated September 1989.

#### V. DEFINITIONS

For the purposes of this plan, the following terms are explained:

A. Shoreline: A strip of land and water that extends 100 feet waterward from the ordinary high water mark, and from there 300 feet landward or to the Federal property line, whichever is less.

B. Private Exclusive Use: Any use by an individual or group of individuals for more than 14 consecutive days that deters use of Corps-owned shorelines by the general public. The use may be through a structure or an activity.

C. Private Recreational Structures: A privately owned and maintained recreational structure on Corps-owned shoreline intended primarily for individual, family, or limited group use. This does not apply to structures intended for general public or commercial use. For the purposes of this plan, this definition does not apply to cottage site and residential leases.

D. Private Dock: One type of private recreational structure which has a pier-like platform, open and without sides, extending from Corps-owned shorelines in or over



waters of the Mississippi River, that is used to secure, protect, and provide access to private recreational boats.

E. Structure: Private recreational structures which may include boat docks, storage sheds, steps, or other structures which are acceptable as discussed in this plan.

F. Shoreline Use Permit: An instrument issued by the Natural Resource Manager or his/her designee that authorizes certain private recreational structures/activities on Corps-owned shorelines to a single individual and their spouse.

G. Special Use License: One type of real estate instrument that authorizes minor structures, activities, or changes in landform at a specified location of Corps-owned shoreline to an individual and his/her spouse. This license does not grant any real estate property rights or other exclusive privileges.

H. Department of the Army Permit: An instrument used to authorize structures or work in or affecting navigable waters and/or the discharge of dredged or fill material into waters of the United States regardless of land ownership.

## VI. SHORELINE USE CLASSIFICATIONS

This plan allocates the Corps-owned shoreline of the Upper Mississippi River, Pools 11-22, into four classifications where additional private recreational structures/activities will either be prohibited or allowed. These shoreline classifications have been incorporated into the Rock Island District's Land Use Allocation Plan (LUAP) definitions. The interrelationship between the four shoreline use classifications and the six land use classifications are explained below.

A. Limited Development Areas. Shoreline areas where private recreational structures/activities may be authorized. This is the only classification where new permits/licenses may be issued to authorize private exclusive use(s). The corresponding LUAP classification is Recreation Low Density - Special Use.

B. Public Recreational Areas. Shorelines within designated or developed recreation areas managed by a governmental entity, commercial concessionaire, or non-profit organization. Private recreational structures/activities are not compatible within or near designated or developed public recreational areas. The corresponding LUAP classification is Recreation Intensive Use. Existing authorized structures in recreation intensive

zones will be allowed to remain provided they comply with certain limitations.

C. Prohibited Access Areas. Shoreline areas allocated for the protection of the public's physical safety or security of government installations. For these reasons, public access is not allowed within these areas. No private recreational structures/activities will be allowed in these areas. The corresponding LUAP classification is Project Operations. However, not all project operations zoned land is prohibited from public access. Prohibited access areas are generally located around locks, dams, spillways, or government storage areas. These areas are prohibited to public access because of the safety hazards involved or the need for security. Prohibited access areas are signed, fenced, or marked by warning lights. Both land and water access is prohibited.

D. Protected Shoreline Areas. Shoreline areas designated to maintain or restore aesthetic, fish and wildlife, cultural, or other environmental values. These areas also may be designated to protect an unstable shoreline from erosion or to prevent development in areas that are subject to excessive erosion, exposure to high wind, wave, or current action, or where development would interfere with navigation. No private exclusive use will be allowed in these areas except where authorized use currently exists. This use will be subject to certain limitations. Physical protection of the shoreline to prevent erosion may be allowed. Department of the Army permits may be required as part of the approval process. Some vegetative modification may be allowed only if the District Engineer determines that the activity will not adversely impact the environmental or physical characteristics for which the area was designated as protected. With the required coordination, the Corps may actively manage the forest resource in these areas. The corresponding LUAP classifications are Recreation Low Density - Public Use, Wildlife Management/Reserve Forest Land, Project Operations, or Natural Area.

## VII. LOCATIONS WHERE PRIVATE EXCLUSIVE USE WILL BE ALLOWED

Private exclusive use will be allowed within Limited Development Areas and in selected locations where valid permits/licenses authorize specific existing structures.

A. Limited Development Areas. Private exclusive use will be allowed within the limited development areas identified in Attachment 1. The corresponding LUAP classification is Recreation Low Density - Special Use.

The designation of limited development areas was determined by evaluating several aspects of the Mississippi River shoreline. All areas having historic private recreational structures/activities were considered. These locations designated as limited development areas were those that could sustain the placement of private structures and use without conflicting with other uses or detrimentally affecting on the area's environmental and physical resources. Those locations that could create user conflicts in the surrounding area or have detrimental effects on the sites natural resources were not designated as limited development areas.

Private recreational use is incompatible with public recreation area designation. Normally, limited development areas would not be permitted in close proximity to developed or designated recreation areas. However, some of the limited development areas that have been designated are near public recreation areas. Private structures within these limited development areas will be allowed due to the historic use and the lack of an identified environmental effect. This lenient view of limited development area designation was taken in an effort to achieve a balance between historic use and natural resource protection.

Within designated limited development areas, all existing legally authorized and properly maintained structures will be allowed to remain as long as they conform to the permit/license conditions. Permits/licenses are non-transferable. However, new owners of existing structures will be allowed to renew the existing permits/licenses to continue their use. New owners of existing structures must apply for a permit/license within 14 days of the private sale. If the new owner wishes to add structures or replace or modify existing structures, permission must be granted prior to any work. New structures and new permits/licenses will be allowed provided they meet the density and design criteria as explained in Section X.A. of this plan. A variance from these criteria may be allowed after district representative(s) consider the site-specific circumstances.

All existing structures within limited development areas that are currently authorized by a valid permit/license will be exempted from conforming to the density and design criteria until such time as the structure requires replacement or modification. Upon these conditions, all replacement, modified, or new structures must conform to the density and design criteria to be allowed.

The District Engineer or his representative may terminate a permit/license authorizing existing structures/activities if one of the following conditions occurs:

- a. A structure is not in a usable and safe condition;

- b. A structure occasions a threat to life or property;
- c. The holder of the permit/license violates the terms of the permit/license; or
- d. The site of the structure/activity is needed for immediate use for public purposes or higher public use.

Whenever a permit/license is terminated by the Corps for these four reasons, or the holder voluntarily relinquishes the permit/license, or the holder/spouse both die prior to sale, the continuation of authorized private use ceases. In addition, the holder of the permit/license is required, upon termination to remove the structures from the area.

The physical dimensions of the limited development areas will be determined on site by the Natural Resource Manager or his/her designee. This is necessary since the scale of the LUAP mapping prevents the display of multiple land use designations of small tracts and exact area dimensions.

B. Authorized Private Exclusive Use Outside Limited Development Areas. Permits/licenses will be renewed only to allow the continuation of those site-specific, individual cases of private exclusive use which are currently authorized and existing as of the date of the approval of this plan. No new permits/licenses will be issued nearby or in proximity to these specific cases. The locations of these private uses are identified in Attachment 2. These structures/activities generally take place in Protected Shoreline or Public Recreation Areas. The corresponding LUAP zoning is Recreation Intensive, Recreation Low Density - Public Use, or Wildlife Management/Reserve Forest. Some of the structures will be located along shorelines managed under the Cooperative Agreement.

An existing permit/license authorizing specific structures/activities becomes null and void upon the sale of legal ownership. The new owner must apply within 14 days of the private sale for a permit/license renewal to continue use of the existing structures/activities. If the new owner wishes to add structures or replace or modify existing structures, permission must be granted prior to any work. To be allowed, additions, changes, or modifications must conform to the density and design criteria.

The District Engineer or his representative may terminate a permit/license authorizing existing structures/activities if one of the following conditions occurs:

- a. A structure is not in a usable and safe condition;
- b. A structure occasions a threat to life or property;



c. The holder of the permit/license violates the terms of the permit/license; or

d. The site of the structure/activity is needed for immediate use for public purposes or higher public use.

Whenever a permit/license is terminated by the Corps for these four reasons, or the holder voluntarily relinquishes the permit/license, or the holder/spouse both die prior to sale, the continuation of authorized private use ceases and no permit/license shall be issued under any circumstances for private structures/activities in that location. In addition, the holder of the permit/license is required, upon termination to remove the structures from the area.

#### VIII. INSTRUMENTS FOR PRIVATE USE

A. Shoreline Use Permit. Shoreline use permits will be required for private recreational structures (primarily boat docks and other water-based features). Vegetative modification activities on project lands may be authorized under a Shoreline Use Permit provided they do not disrupt or change the land form. Vegetative modifications that would create or exacerbate erosion problems will not be allowed. Vegetative modification includes planting, trimming, cutting, or use of pesticides and/or herbicides. Prior to vegetative modification, a Shoreline Use Permit will be issued which outlines the conditions of any such work.

B. Special Use License. Private recreational structures or activities in support of boat moorage which involve grades, cuts, fills, or other changes to the landform and/or land-based support facilities will require a Special Use License. Typical structures/activities or changes in landform authorized under the Special Use License and regulated by this plan include:

Steps	Walkways
Boat Ramps	Storage Sheds
Boat Winches and Rollers	Safety Fences
Boat Storage Racks	Pumps
Marine Rails	Utility Lines

Conditions of the Special Use License will be provided upon its issuance.

C. Department of the Army Permits. Any structure (e.g., a boat dock) or work in or affecting navigable waters of the United States requires a Section 10 permit under the authority of the Rivers and Harbors Act. Any discharge of dredged or fill material into waters or wetlands of the

United States requires a permit authorized under Section 404 of the Clean Water Act. If a proposal involves work subject to both Section 10 and Section 404 jurisdiction, a single Department of the Army Permit will be considered. Conditions of the Department of the Army Permit will be provided upon its issuance.

D. State and Local Requirements. In addition to the Corps of Engineers issued permits mentioned above, it may be necessary to obtain additional permits as required by State and local law for the construction, operation, or maintenance of the allowed structures. Laws and regulations of State and local governments apply to actions taken along Corps shorelines. Compliance with these rules will be a condition of Corps-issued permits/licenses.

## IX. APPLICATIONS

The Corps must grant permission prior to the start of any new construction and/or replacement or modification of any existing structures. New owners of previously authorized structures must also apply to renew an existing permit/license. Application for all necessary Corps of Engineers-issued permits/licenses will be made by writing to:

District Engineer  
U.S. Army Engineer District, Rock Island  
ATTN: Real Estate Division  
Clock Tower Building - P.O. Box 2004  
Rock Island, Illinois 61204-2004

An application package will be provided to the applicant. The applicant will be required to complete the consolidated application form and provide all information as requested to allow the District representatives to make a comprehensive review. If this review determines that the request is compatible with the provisions of this plan, all necessary permits/licenses will be processed and provided to the applicant. Replacement or modification of any existing structures or the construction of any new private structures will not be allowed until the applicant has been issued all the necessary Corps of Engineers permits/licenses. Obtaining Corps authorizations does not preclude the need for the applicant to obtain any or all other necessary Federal, State and local authorizations. If the Corps application is denied, copies of the denial will be furnished to the applicant and any other involved entities.

## X. CONDITIONS OF PRIVATE EXCLUSIVE USE

A. Density and Design Criteria. Size, spacing, and design criteria will be applicable to all new boat docks. New docks will be required to be no less than 3 feet nor more than 6 feet in width, no closer than 50 feet to the next dock, and will extend no more than 100 feet from the ordinary high water mark. Variably shaped docks are authorized, provided that no portion of the dock exceeds 16.5 feet in dimension and that the total dock surface area does not exceed 600 square feet. Attachment 3 illustrates these criteria. Variance from these criteria may be authorized after consideration of the site-specific circumstances by the park manager or his/her designee. All existing structures which are authorized by a currently valid permit will be exempted from conforming to the density and design criteria until such time as the structure requires replacement or modification. To be allowed, all replacement, modified, or new structures must conform to the density and design criteria. At the discretion of the District Engineer or his representative, docks that pose an obstruction or a hazard to navigation will not be allowed, regardless of size or spacing.

B. Construction Standards. The following construction standards apply to new, replacement, or modified structures of any type:

1. Structures must be constructed in accordance with the plans and specifications approved by District representative(s).
2. All docks must be securely anchored in place using posts, deadman, or other suitable means. Altering the natural terrain or vegetation, anchoring to trees, or obstructing general public use of the shoreline will not be allowed.
3. Electrical installations must be weatherproof and meet all current applicable electric codes and regulations. In addition, electrical installations must be certified in writing by a state registered electrician. The written certification must be submitted to the Corps upon request.
4. Boat mooring bouys and dock flotation units shall be constructed of materials that are clean and free of pollutants and will not become waterlogged or sink when punctured. Flotation units and devices must be composed of low density, closed cell, rigid plastic foam. Flotation units of any type will not be allowed unless filled with flotation foam. Pesticide and other harmful containers will not be allowed.

5. Only quick-disconnect temporary electric lines, waterlines, and telephone lines to the vessel will be allowed. No permanent utility hookups will be allowed.

6. Installation of structures conducive to human habitation such as sleeping accommodations, cooking facilities, heating facilities, toilet or shower facilities, refrigeration, television, etc., is prohibited.

C. Habitation. No structure shall be used for human habitation. Enclosed structures such as a storage shed are allowed. However, the interior of the structure will be subject to inspections at unscheduled intervals. The presence of facilities conducive to human habitation will be treated as presumptive evidence of such use and will be cause for termination of the permit/license.

D. Posting of Permits. Each license/permittee will be assigned an identifying number. The individual shall post the plate provided by the government which bears the number at the site.

#### XI. DURATION AND RENEWAL

All licenses/permits are nontransferable and become null and void upon the sale of legal ownership or the death of the permittee and his/her legal spouse. Anyone purchasing structures authorized under an existing license/permit must apply to renew a license/permit in their name. An application does not guarantee approval.

Licenses/permits will be renewed for periods of 1 to 5 years. The District will send existing licensees/permittees a renewal notice to their permanent address informing them of the upcoming renewal. Prior to the expiration of the license/permit, the holder will be required to submit a renewal application to continue authorized use of the site.

Prior to finalizing the sale of any authorized structures, the permittee/licensee will notify the District. The new owner must apply to renew the permit/license within 14 days of the sale. Otherwise, the structures must be removed and the area restored within 30 days of the sale.

#### XII. COMPLIANCE AND TERMINATION

A. Compliance. Corps representatives will periodically inspect structures/activities to ensure compliance with the terms of the permit/license. In the



event that the construction or use does not conform to approved plans or license/permit conditions, the work or use will be halted until such time as the terms are met. Noncompliance with the terms of the permit/license will result in termination.

B. Facility Maintenance. Authorized structures must be operated, used, and maintained in a safe, healthful condition at all times. If determined to be unsafe, the hazard will be corrected within 60 days or removed at the owner's expense. If the hazard is not corrected or removed within that timeframe, termination of the permit/license will result.

C. Termination. Permits/licenses may be termination when it is determined that the public interest requires such termination or when the owner fails to comply with the terms and conditions of the permit/license. Failure to maintain a permitted/licensed structure is a violation of the terms. Upon termination, the permittee/licensee must remove the structure(s) within 30 days at his/her expense and restore the shoreline to a condition acceptable to the Corps representative. If the permittee/licensee fails to comply to the satisfaction of the Corps representative, the structure may be removed by the Corps and the permittee/licensee held responsible for all costs incurred.

D. Appeal Rights. Upon notice of termination, the permittee/licensee will have up to 30 days to make a written request for a hearing. The District Engineer will grant the request at the earliest possible convenience. After the hearing, a final decision will be rendered in writing and mailed to the permittee/licensee by certified mail.

E. Emergency Termination. In spite of paragraphs C and D above, if, in the opinion of the District Engineer, emergency circumstances dictate otherwise, the District Engineer may summarily terminate the permit/license.

F. Unauthorized Structures. Only structures authorized by permit/license will be allowed to remain on Corps shorelines. Any unauthorized use or structures will be considered an encroachment on public property under the authority of Title 36 Chapter III, Part 327.20, of the Code of Federal Regulations.

### XIII. ENFORCEMENT

The provisions contained within this plan are supported by the authorities and statutes indicated in Section I.C.

A violation of these mandates will be subject to enforcement under Title 36, Chapter III, Part 327, Code of Federal Regulations, or other civil laws, as necessary.

#### XIV. PLAN IMPLEMENTATION

This plan represents the Rock Island District's policy concerning use of Corps shoreline for Mississippi River Pools 11-22. This plan becomes effective upon approval by the Division Engineer, North Central Division, Corps of Engineers.

It is the policy of the U.S. Fish and Wildlife Service that private exclusive use is not compatible with refuge management objectives. Therefore, limited development areas are excluded from project lands administered by the U.S. Fish and Wildlife Service as part of the Upper Mississippi River National Wildlife and Fish Refuge and the Mark Twain National Wildlife Refuge.

Existing authorized structures located outside the boundaries of the Limited Development Areas but within the Cooperative Agreement/General Plan areas, will be allowed to stay, subject to the conditions specified in this plan. No new authorizations will be issued within such areas. At these locations, the management of the permits/licenses will be retained by the Corps while the adjacent lands or water will be managed under the Cooperative Agreement/General Plan.

## ATTACHMENT 1

## Limited Development Areas

<u>Pool No.</u>	<u>River Mile</u>	<u>Real Estate Tract No.</u>	<u>Existing Licenses</u>
11	607.4	FW-262	1
11	599.2	FIA-64	1
12	578.0	FI-78	1
12	577.8	FI-77	5
12	577.7	FI-76	2
12	574.4	FIA-28	9
12	562.3	FIA-8	1
12	558.2	FIA-54	3
12	558.1	FIA-53	2
12	557.9	FIA-52	2
12	557.8	FIA-51	4
12	557.6	FIA-50	6
13	555.0	FIA-288	0
13	554.5	FIA-287	8
13	544.1	FI-229	3
13	531.3	FI-126	20
13	531.2	FI-123	11
13	530.8	FI-120	33
13	530.6	FI-119	3
13	530.5	FI-118	3
13	529.6	FI-113	25
13	529.0	FI-195	2
13	528.2	FI-194	8
14	501.2	FIA-160	8
14	497.0	FI-61	1
16	466.0	FI-38	3
16	465.2	FI-37	4
16	460.1	FIA-16	1
16	460.1	FIA-21	1
16	459.1	FIA-9	4
16	458.6	FIA-7	2
17	442.5	FIA-13A	2
17	442.1	FIA-10	4
18	421.4	FI-79	5
18	421.3	FI-78	1
18	420.9	FI-75	14
18	420.7	FI-74	15
18	419.0	FI-73	0
18	419.9	FI-72	0
18	419.8	FI-71	6
18	419.0	FI-70	13
18	418.5	FI-69	4
21	330.0	FI-128	6
21	329.7	FI-125	0
21	329.3	FI-121	8
21	329.2	FI-120	8

ATTACHMENT 1 (Cont'd)

Limited Development Areas

<u>Pool No.</u>	<u>River Mile</u>	<u>Real Estate Tract No.</u>	<u>Existing Licenses</u>
21	329.0	FI-119	4
22	305.1	FM-15	1
22	305.0	FM-6	3
22	301.6	FI-1	2
22	301.5	A-2	2
TOTAL		51 AREAS	275 LICENSES

NOTE:

1. All Limited Development Areas are zoned Recreation Low Density - Special Use in the Corps Land Use Allocation Plan.

2. New structures and new permits/licenses may be allowed in limited development areas provided they meet the conditions described in this plan.

3. The physical dimensions of a tracts Limited Development Area will be determined on site by the Natural Resource Manager or his/her designee. This is necessary since the scale of the LUAP mapping prevents the display of exact area dimensions and multiple land use designations for small tracts.

ATTACHMENT 2

Authorized Existing Private Use  
Outside Limited Development Areas

<u>Pool No.</u>	<u>River Mile</u>	<u>Real Estate Tract No.</u>	<u>Existing Licenses</u>	<u>LUAP Classification (Administration)</u>
12	573.7	FIA-26M	3	RI (COE)
12	573.5	FIA-26B-L	5	RI (COE)
13	531.8	FI-136	9	RLD/PU (COE) *1
13	525.8	FIA-69	1	RI (COE) *1
14	499.7	FIA-135	1	RLD/PU (COE)
14	499.5	FIA-134	2	RLD/PU (COE)
14	498.8	FIA-125	1	RLD/PU (COE)
14	497.3	FI-64-83	1	RLD/PU (COE)
14	496.5	FI-53	1	RLD/PU (COE)
14	494.0	FIA-8	2	RLD/PU (COE)
16	471.0	FI-48	1	WM/RF (GP)
18	432.0	FI-107	10	WM/RF (GP)
18	425.7	FI-95	<u>12</u>	WM/RF (GP)
TOTAL:			49	

CODES:

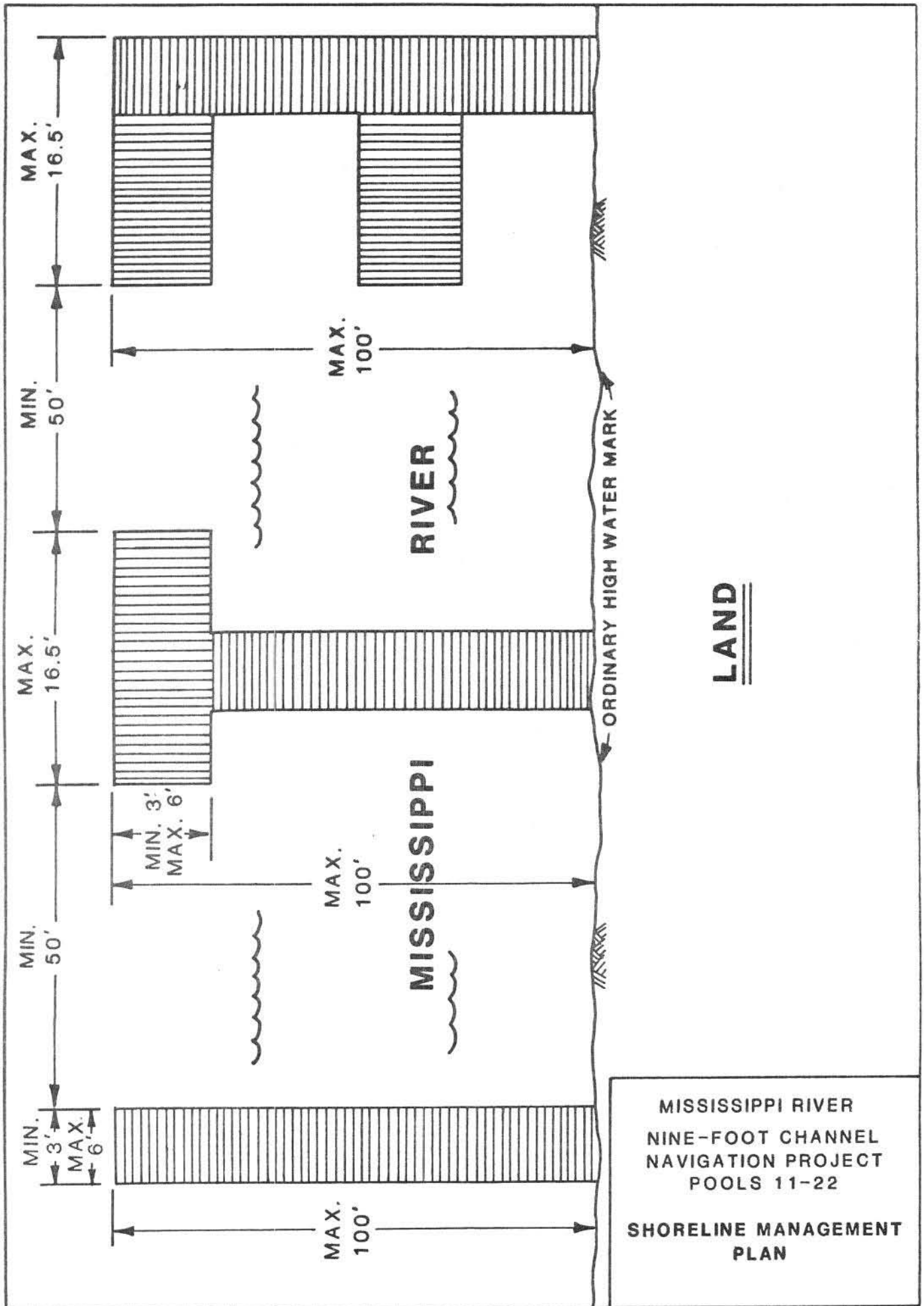
RI Recreation Intensive  
 RLD/PU Recreation Low Density/Public Use  
 WM/RF Wildlife Management/Reserve Forest  
 COE Area is to be administered by the Corps.  
 GP Area is to be administered under the General Plan.  
 However, permits or licenses will be managed  
 by the Corps.

\* 1 Refuge begins at shoreline.

NOTE:

1. The existing licenses described above are not contained within the limited development areas described in this plan.

2. The existing licenses described above will be allowed to remain and renewal permits/licenses may be granted subject to the provisions of this plan. However, no new permits/licenses will issued nearby or in proximity to these specific cases.



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