



**US Army Corps
of Engineers**

Little Rock District

Environmental Assessment
Millwood Lake
Shoreline Management Plan Revision
June 2022



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MILLWOOD LAKE

SHORELINE MANAGEMENT PLAN REVISION ENVIRONMENTAL ASSESSMENT

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1. INTRODUCTION

The Millwood Lake Shoreline Management Plan (SMP) is the required U.S. Army Corps of Engineers (Corps) approval document (Title 36, Section 327.30 and ER 1130-2-406) that protects and manages shorelines of USACE Civil Works water resource development projects under Corps jurisdiction in a manner that promotes safe and healthful public use of shorelines while maintaining environmental safeguards. The objectives of management actions in this SMP are to balance permitted private uses and natural resource protection for general public use. The Corps last updated the Millwood Lake SMP in 2012; and thus, the document is currently out of date. The updated Millwood Lake SMP, once approved by the Southwestern Division Engineer, will become an appendix to the Operation Management Plan (OMP) for the lake. The objectives of the SMP are to manage and protect the shoreline, to maintain optimal fish and wildlife habitat, natural environmental conditions, and to promote the safe and enjoyable use of the lake and shoreline for recreational purposes. Shoreline uses that interfere with authorized project purposes, public safety concerns, violate local norms, or result in significant environmental effects are not allowed.

Activities covered by the shoreline management plan, such as placing private floating facilities or modifying vegetation, on public lands require prior written approval, and/or a shoreline use permit from the Operations Project Manager (OPM) at Millwood Lake.

With the draft SMP update, the Corps is completing an Environmental Assessment (EA) that evaluates existing conditions and potential impacts of proposed alternatives. The EA is prepared pursuant to the National Environmental Policy Act (NEPA), Council on Environmental Quality (CEQ) regulations (40 CFR, 1500–1517), and the Corps Policy and Procedures for Implementing NEPA as directed by Engineer Regulation (ER) 200-2-2 (1988).

2. PURPOSE AND NEED FOR ACTION

2.1 Purpose and Need

The Millwood Lake Shoreline Management Plan establishes policy and furnishes guidelines for the protection and preservation of the desirable environmental characteristics of the lake, while maintaining a balance between public and private shoreline uses. The purpose of this environmental assessment is to select a shoreline management plan alternative that provides optimum use of Millwood Lake's shoreline while ensuring that the natural environment is protected. This document addresses the positive and negative environmental effects associated with the implementation of various shoreline management alternatives. The need for the proposed action is based on the age of the current plan and the changed conditions around the lake and in lake use.

Revision of 36 CFR 327.30 in 1990 required the Little Rock District to convert its approved lakeshore management plans to shoreline management plans. The Little Rock District, prior to converting the shoreline management plans, implemented a District-wide shoreline management policy, SWLOM 1130-2-33, on 15 September 1992. This policy was developed following a series of public meetings with consideration of the written comments.

The initial Lakeshore Management Plan for Millwood Lake was approved in June 1976. The next update occurred six years later, and the plan was approved on 9 July 1982. Since 1982 there have been two supplements to the plan (7 Jun 1991 and 1 Mar 1996). An administrative review was approved on 7 January 2007.

This current revision also included public participation in the form of comments received during a virtual scoping process consisting of mailed postcards, agency letters, and a website where comments were submitted. Analyses of comments received were incorporated during the preparation of an Environmental Assessment (EA). This EA provides the documentation of the impacts of the program and will allow for future revisions of this plan. This Shoreline Management Plan will be reviewed at least once every five years, in accordance with regulations in place at the time of the review.

2.2 Project History

The Millwood Lake Civil Works project on the Little River is located 16 river miles above its confluence with the Red River, about 12 miles east of Ashdown, AR. The topography around Millwood Lake is characterized by a wide, flat valley which offers few significant variations in the configuration of the terrain. Exceptions are the bluffs which arise sharply out of the water along the east shore near the dam. The contrast that these bluffs offer to the otherwise flat, monotonous terrain makes them quite scenic. Hardwoods such as ash, hickory, water oak, willow, sycamore, and various other species of oak are predominant. Some of the area is classified as tall grass, but virtually no virgin vegetation remains in the area. Surface soils are mostly sandy loam and silty clay.

Standing timber was not removed prior to impoundment of the lake in 1966. The lake is generally shallow, so boaters need to be alert to potential underwater hazards, including submerged stumps, floating objects, and other obstructions. Logs and floating debris are a major hazard after each rise in lake elevations. A system of 27 miles of boating safety lanes and directional markers has been

provided to assist boaters in emergency situations, inclement weather, and quicker access to the shoreline.

Millwood Lake was authorized for construction by the Flood Control Act approved 3 July 1958 (Public Law 85-500, 85th Congress, S. 3901) as a modification of Millwood Reservoir authorized by the Flood Control Act approved 24 July 1946 (Public Law 526, 79th Congress, Chapter 596, 2d Session, R.R. 6597). The authorized purpose for construction of Millwood Lake was for flood control as a unit in the six-reservoir Little River system which also includes Pine Creek Lake, Broken Bow Lake, (Lukfata Lake-previously authorized but never constructed) located in southeast Oklahoma, and DeQueen Lake, Gillham Lake, and Dierks Lake located in southwest Arkansas. Project purposes of Millwood Lake, other-than flood control, are fish and wildlife, recreation, and water supply. Construction of Millwood dam and appurtenant works began in September 1961 and was placed in operation in August 1966. The conservation pool was raised from the initial operating level, elevation 257.0, to the ultimate elevation, 259.2, in 1969 to enhance the recreation potential of the project. For a full list of project authorizations, reference the Millwood Lake Master Plan, dated June 2022.

Figure 2-1 Millwood Lake and Surrounding Area

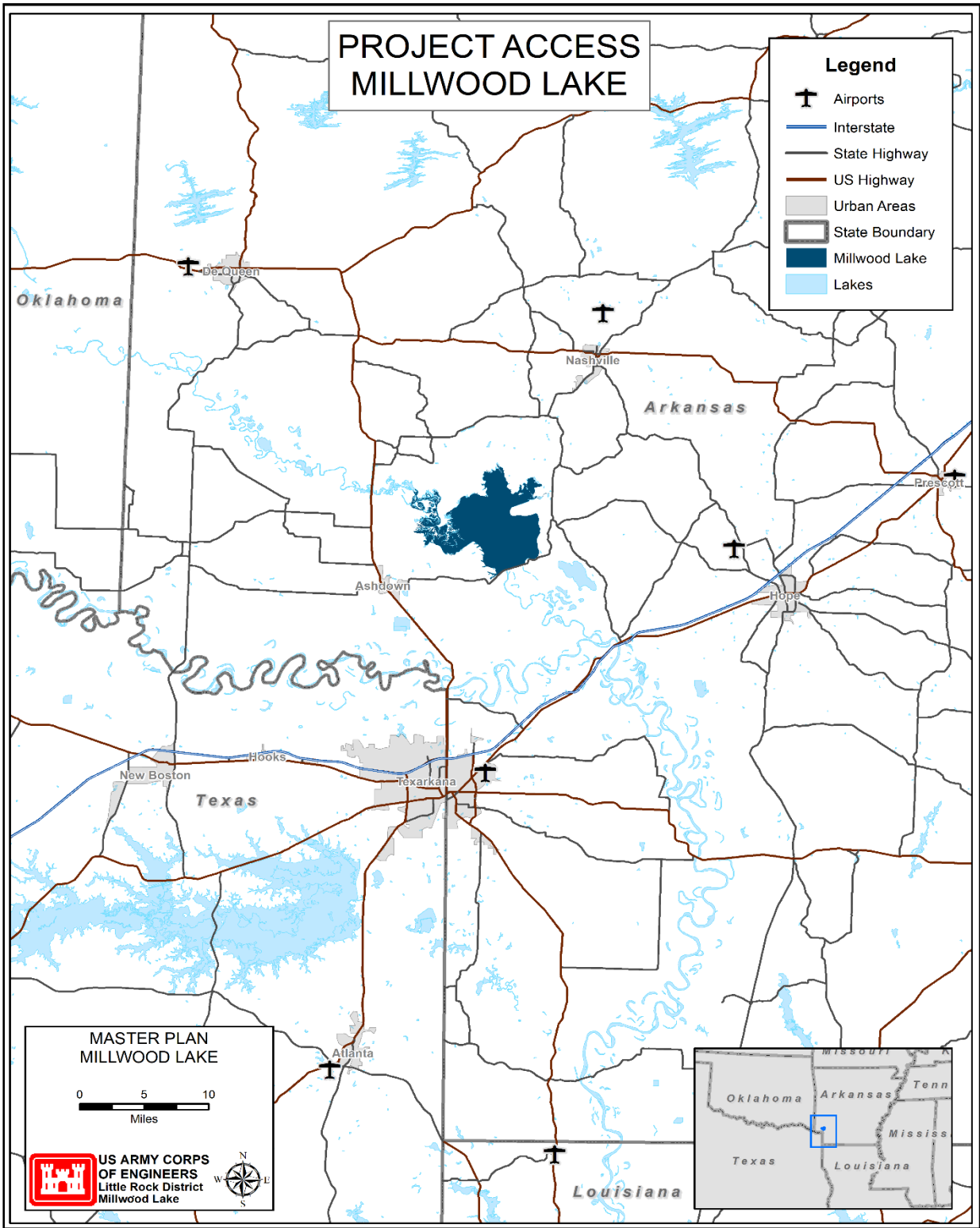


Table 2-1 Pertinent Data of Millwood Dam and Lake

| PERTINENT DATA OF THE DAM AND LAKE | |
|---|--|
| <u>General Information</u> | |
| Purpose, Stream, State | FC, WS, F&W Little R., Arkansas(1) |
| | |
| Drainage area, square miles | 4,114 |
| Average annual rainfall over the drainage area, inches, approximately | 52 |
| | |
| <u>Dam</u> | |
| Length in feet | 17,554 |
| Top of dam elevation, feet above mean sea level | 301 |
| | |
| <u>Lake</u> | |
| Nominal bottom of power drawdown Elevation, feet above mean sea level | 252 |
| Area, acres | 13, 100 |
| | |
| Nominal top of conservation pool Elevation, feet above mean sea level | 259.2 |
| Area, acres | 27,125.3 |
| Length of shoreline, miles | 340 |
| | |
| Nominal top of flood-control pool Elevation, feet above mean sea level | 287 |
| Area, acres | 94,037 |
| Length of shoreline, miles | 589 |
| | |
| <u>Five-Year frequency pool</u> | |
| Elevation, feet above mean sea level (flood pool) | 287 |
| Elevation, feet above mean sea level (drawdown) | 252 |
| | |
| <i>(1) FC – flood control, WS-water supply, F&W-Fish and Wildlife</i> | |

3. ALTERNATIVES

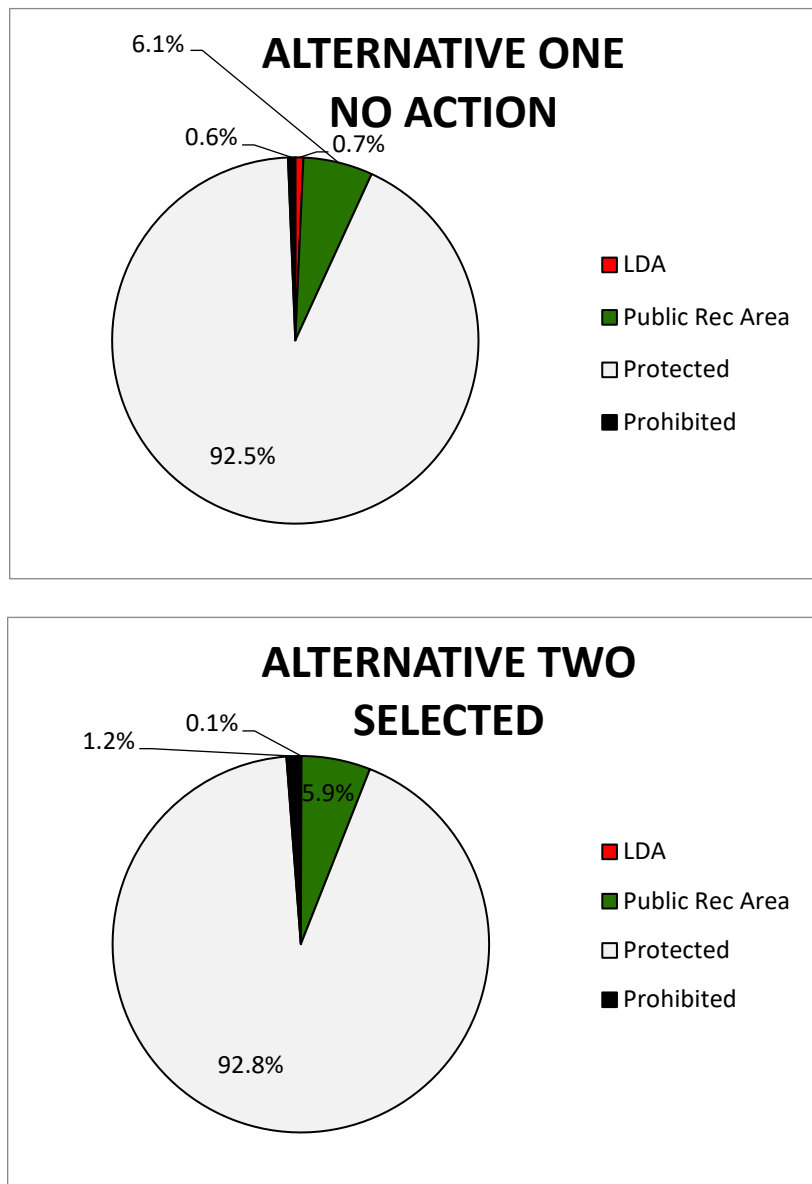
Alternatives evaluated in this EA are depicted in Table 3-1, and in Figure 3-1. The alternatives include: Alternative 1 (No Action-2012 Plan) and Alternative 2 (Preferred). Alternative 2 became the Selected Alternative in the Final EA. A complete set of maps for each alternative is located in an appendix to this document.

In this Final EA development, the Selected Alternative was compared to the No Action Alternative in order to evaluate potential positive and negative effects on the natural and human environment based on the various shoreline acreage classifications determined by each alternative. The evaluated alternatives were provided for public review after completion of the draft EA. Public comments were collected during the public comment period and considered in the development of the final EA and the final updated Shoreline Management Plan. Based on public comments received, the final EA changed the Preferred Alternative to the Selected Alternative, based on public preferences. The Final EA will present the Selected Alternative and provide the basis for the agency decision under NEPA.

Table 3-1 Comparison of Shoreline Allocations by Alternative.

| Shoreline Allocation | Alternative 1 No Action (2012 Plan) | | Alternative 2 Selected | |
|--------------------------|--|---------|---------------------------|---------|
| | Miles | Percent | Miles | Percent |
| Limited Development Area | 3.1 | 0.7% | 0.2 | 0.1% |
| Public Recreation Area | 27.2 | 6.1% | 26.3 | 5.9% |
| Protected | 410.1 | 92.5% | 411.3 | 92.8% |
| Prohibited | 2.8 | 0.6% | 5.4 | 1.2% |
| Total Shoreline | 443.3 | 100% | 443.3 | 100% |

Figure 3-1 Pie Charts for Percentage of Land Classifications for Each Alternative.



3.1 No Action-2012 Plan (Alternative 1)

The No Action Alternative land allocation, which is based on the 2012 shoreline management plan, will retain 3.1 miles of Limited Development Area (LDA) shoreline, representing 0.7% of the total shoreline miles. Public Recreation Areas (PRA) include 27.2 miles (6.1%), the Protected lands allocation include 410.1 miles (92.5%), while Prohibited lands comprise 2.8 miles or 0.6% of the total 443.3 miles of shoreline.

3.2 Selected (Alternative 2)

The Selected Alternative land allocation will reduce the LDA to 0.2 miles of shoreline, representing 0.1% of the total shoreline miles. Public Recreation Areas (PRA) are reduced to 26.3 miles (5.9%), the Protected lands allocation is increased to 411.3 miles (92.8%), while Prohibited lands comprise 5.4 miles or 1.2% of the total 443.3 miles of shoreline.

The major changes from the No Action (2012 SMP) to the Selected Alternative are noted as follows:

Shoreline Allocations (Zoning)

- Park Buffers allocation name changed to Public Recreation Areas
- Certain Public Recreation Areas around the lake have been reduced, thus allowing the potential for vegetation permits in some areas where previously not allowed.
- Certain LDAs have been reduced due to no expected or potential for development around the lake.

Private Floating Facilities (Docks)

- Two printed and one electronic set of engineer-stamped plans of the entire facility are required for new and any modifications to existing facilities. In addition to the actual structure, plans must include all amenities, including but not limited to, lockers/storage, PWC moorage, and solar battery storage.
- Maximum size slip has changed from “the minimum size required to moor the owner’s vessel and not to exceed 3’ beyond the vessel’s length” to 12’ x 30’.
- Maximum walkway length changed from 50’ to 60’.
- Only alternative power sources (e.g.solar) will be allowed for new floating facilities or those existing facilities without service. Existing docks can maintain electrical systems as previously approved. Docks with overhead or underground electrical systems may be modified to accommodate additional electrical needs.
- Roofs must be unpainted or manufactured roofs must be black, blue, gray, tan, green, or brown (in natural tones).
- Permit applicants must own at least 75 feet of common boundary (within limited development areas) to be considered for a dock.
- Perpetual Easements will no longer be accepted as legal access for a new dock.

Vegetation Modification Permits

- Mowing and/or underbrushing will not be permitted across any natural or manmade break in vegetation such as a road, creek, electric distribution line, etc.

- Vegetation modification permits may allow the removal of a tree or shrub 2 inches or less in diameter at ground level.

Other Permits/Outgrants

- Duck blinds must be portable and removed from project lands on a daily basis
- No ski course permits will be issued.
- New outgrants will not be issued for residential amenities such as steps, stairs, water lines, tramways or private electrical service lines that have not previously been issued an outgrant.

4. AFFECTED ENVIRONMENT

4.1 Project Setting

Millwood Lake is a reservoir created by Millwood Dam at the junction of the Saline and Little River (NM 16 on Little River), which is located approximately nine miles east of Ashdown, Arkansas. The Little River, a tributary of the Red River, has a total length of 217 miles, with 130 miles in southeastern Oklahoma and 87 miles in southwestern Arkansas. The drainage basin of the river totals 4204 square miles, with 2204 square miles in Oklahoma and 2036 square miles in Arkansas. The lake is located in southwest Arkansas, primarily in Sevier County, but is bordered by Little River, Hempstead and Howard counties (Figure 2-1). A more detailed description of the project location and area is provided in the following sub-sections.

4.2 Climate

Climate within the Millwood Lake watershed is temperate, with summer extremes lasting for longer periods throughout southwest Arkansas, and winter temperatures are typically mild. Extremes may vary from lows around 22°F in the winter months to highs above 100°F during the summer. Extreme temperatures may occur for short periods of time at any location within the watershed. Heavy rainfall events are common. Average annual rainfall over the watershed varies from 50 to 52 inches. Monthly rainfall varies from 3.5 inches in the summer months to 4 to 5 inches in the winter and spring. Snowfall each year averages less than an inch during the winter.

Climate change is an area of concern due to the potential for effects on many aspects of the environment, especially those related to water resources. The U.S. Global Change Research Program (USGCRP) summarized information regarding climate change and its potential effects in regional assessments (<http://www.globalchange.gov/publications/reports/scientific-assessments/us-impacts>). In the Midwest, which extends from Minnesota to Missouri, extreme events such as heat waves, droughts and heavy rainfall events are projected to occur more frequently. Should these events become significant enough to impact the operation of Millwood Lake, the Master Plan and associated documents (i.e. Operations Management Plan and Shoreline Management Plan) would be reviewed and revised, if necessary.

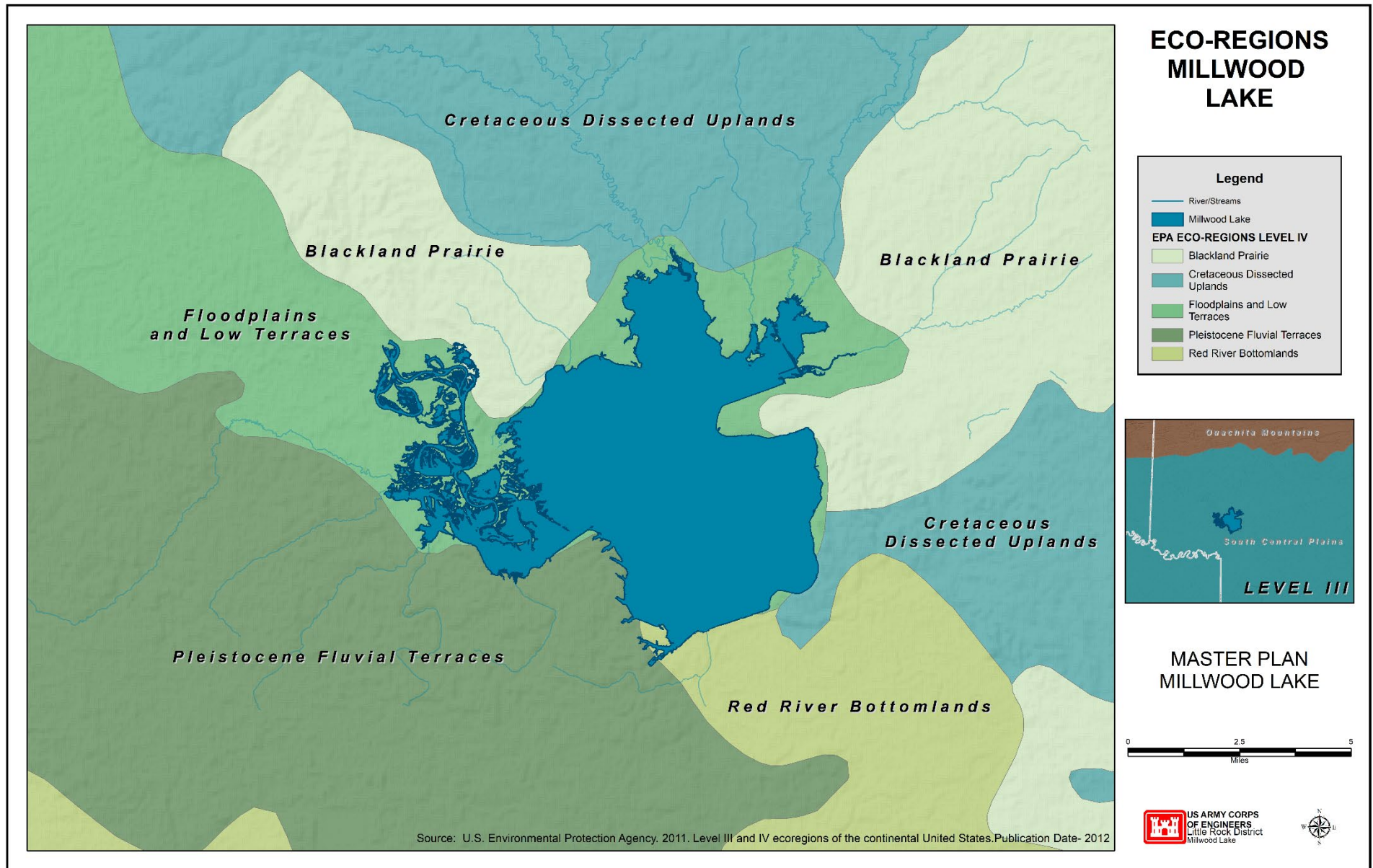
4.3 Topography, Geology, and Soils

The topography in the upper northern watershed of Millwood Lake includes steep inclines typical of the Ouachita Mountains. This portion of the watershed has a rugged topography, with average relief of several hundred feet and some areas that exceed 1700 feet in elevation. The southern portion of the watershed around Millwood Lake lies within The Gulf Coastal Plain, which is an area of low relief, seldom exceeding 100 feet in elevation, and consists of gently rolling to hilly terrain.

The Ouachita Mountain Geologic Province is underlain mainly by Paleozoic sedimentary rocks composed mainly of shale, chert, sandstone, conglomerates, novaculite and volcanic tuff. The Stanley Shale is the most widespread formation in the Ouachita Mountains, the oldest forms occur in the northern portion of the province, and consist of Ordovician Polk Creek Shale, Silurian Missouri Mountain Shale, and Blaylock Sandstone. The Devonian Arkansas Novaculite is also

exposed in this area of the watershed. In the southern Ouachita Mountains, the Jackfork Sandstone occurs, primarily in major mountain ridges. The geology of the Gulf Coastal Plain in the lower watershed generally consists of unconsolidated to semi-consolidated deposits of Cretaceous age sand, clay, marl, and gravel overlain by Quaternary terrace and alluvial deposits. Surface materials are generally unconsolidated top, semi-consolidated sand and clay. Figures 4-1 and 4-2 depict ecoregion and geological formations located in the Millwood Lake area.

Figure 4-1 Ecoregions Bordering Millwood Lake



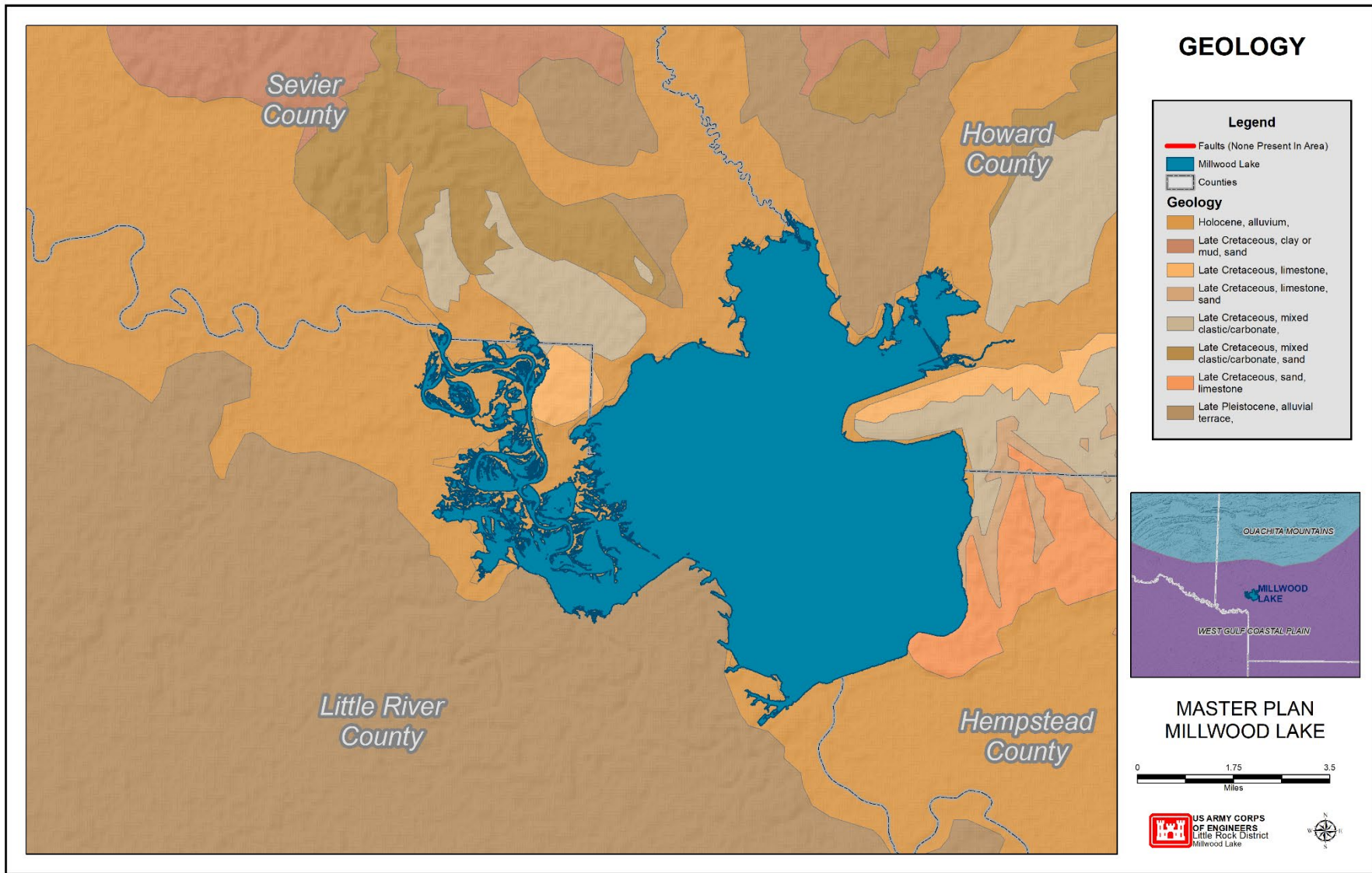


Figure 4-2 Geology of Millwood Lake Watershed

The major soil groups in the Ouachita Mountains portion of the Millwood Lake watershed are Carnasaw-Clebit-Sherless and Yanush-Avant-Bigfork. These soils are deep and tend to be gravelly and/or stony. The major soil groups of the Gulf Coastal Plain in the southern watershed include clays, silt loams and fine sandy silt loams. These soils are usually very deep. Alluvial soils occur in the floodplains along the Little River, and the other major tributaries, including the Rolling Fork, lower Cossatot, Saline River and Mine Creek. Major soil groups associated with the Blackland Prairie are also present in the lower watershed.

Soil surveys as published by the Natural Resource Conservation Service (NRCS) are available for all the counties located in the Millwood Lake watershed. These could be utilized for developing specific resource management plans for the Operational Management Plan.

Soil conservation and management are major considerations when planning natural resource and recreation management practices. While soil movement is influenced by climate, soil type, and topography, which are uncontrollable, it can also be negatively affected by compaction, modification of vegetative cover, and very high lake pool elevations which increase wave action and inundation of unprotected shoreline.

4.4 Aquatic Environment

4.4.1 Hydrology and Groundwater

Millwood Lake is located on the Little River and was formed by the construction of the Millwood Dam at mile 16 in Hempstead and Little River Counties, Arkansas. Dam construction began in 1961 and was completed in 1966. The elevation of the top of the conservation pool is 259.2 feet NGVD29 with the flood pool being at 287 feet NGVD29. The conservation pool top area is approximately 29,200 surface acres and the flood pool top area is approximately 92,500 surface acres. The shoreline length of the design conservation pool is approximately 78 miles. Millwood Lake is located within the Little River Drainage Basin, which drains approximately 4,114 square miles in southwest Arkansas and southeast Oklahoma. Millwood Lake has an average depth of 9 feet. The total water storage capacity of Millwood Lake is 2,623,200 acre-feet, with 1,854,900 acre-feet of flood control storage, 204,970 acre-feet of conservation storage, and 51,710 acre-feet of inactive storage.

Most ground water withdrawn from water wells occurs in the Quaternary age alluvium associated with the Red River and its tributaries, the Nacatoch Sand the Ozan Formation, the Tokio Formation and the Trinity Group, all of Cretaceous age. All but the Ozan aquifer have been, or are being, used as a significant source of water supply in the southern watershed of the Millwood Lake area., with the Tokio Formation aquifer being used most often.

4.4.2 Water Quality

Overall surface water quality in the Millwood Lake area is good and the lake has been designated as suitable for primary and secondary contact, municipal, industrial, and agricultural water supply by the Arkansas Department of Energy and Environment (ADEE). The waters of the Arkansas portion of the Little River watershed have all been designated by the ADEE for fisheries, primary and secondary contact recreation, and domestic, agricultural, and industrial water supplies (ADEE, 2012). Millwood Lake is classified by ADEE as a Type E water body, which includes most larger lowland lakes of generally 1000 to 30,000 acres in size, located in the Delta, Gulf Coastal Plains and Arkansas River Valley ecoregions. Average depth in Type E lakes is usually less than 10 feet. The watersheds of Type E lakes contain a mixture of row crop agriculture, confined animal

operations, pastureland and some forestlands.

The Environmental Quality Branch of ADEE have been conducting quarterly water chemistry profiles on Millwood Lake at two locations, one in the upper lake and one near the dam, since 2011. In addition to the chemical analyses, field data, including dissolved oxygen, temperature, and pH were collected. The data reflect the nature of the watershed by reflecting elevated turbidity and chlorophyll A at certain times during the years. Wave action due to wind and boating activity resuspends bottom sediments from this shallow lake, creating turbidity in the water column. Sedimentation and nutrient influx from the feeder streams is a major issue for water quality in the lake. Turbid water absorbs more sunlight, which elevates water temperatures, and excess nutrients promote algae and aquatic vegetation growth.

4.4.3 Fish Species and Habitat

The impoundment of the Little River and other tributary streams and rivers which form Millwood Lake and other watershed lakes, resulted in changes in the composition of the fish populations. Impoundments alter fish composition by reducing flow dependent riverine species and gaining more static water lake species. Arkansas Game and Fish Commission (AGFC) is the agency primarily responsible for managing the fishery and through their efforts, a variety of fish species are well-established in the lake. Sport fish species currently found include largemouth bass, spotted bass, white bass, striped bass, flathead catfish, channel catfish, white crappie, black crappie, and various species of sunfish. Due to the quality and diversity of the fishery, Millwood Lake serves as a national fishing destination, hosting many bass tournaments and fishing derbies annually.

Millwood Lake was first impounded in 1966 and most of the standing timber was retained after the impoundment. Since impoundment, the standing timber that was submerged provides structure and forage habitat for fish. Several boating lanes have been established since impoundment, which provides fishermen access to the standing timber habitat.

4.5 Terrestrial Resources

4.5.1 Wildlife

White-tailed deer is the most common big game animals found and hunted in the Millwood Lake area. Wild turkey, although present, are rarely seen in the area. Black bears have been translocated into Felsenthal National Wildlife Refuge, located southeast of Millwood Lake, so occasional bear sightings may become common in the area. American alligator has also increased in numbers in and around Millwood Lake and provide hunters with a permitted hunting season. The principal small game species found in the open upland areas include bobwhite quail, cottontail rabbit, and mourning dove. Gray and fox squirrels are common in upland wooded areas and are also popular for sportsmen. Furbearing animals found in the Millwood Lake area include coyote, red fox, gray fox, otter, mink, muskrat, beaver, bobcat, and raccoon. Habitat management that includes wildlife food plot plantings, mowing, soil disturbance, removal of exotic species and application of prescribed fire provide benefit to these populations.

Birding enthusiasts are provided an excellent opportunity for viewing in the Millwood Lake area. Of the over 400 birds on the state list, 331 have been recorded around Millwood Lake. A wide variety of species of conservation concern breed here including Hooded Merganser, Osprey, Red-headed Woodpecker, Brown-headed Nuthatch, Prothonotary Warbler, and Painted Bunting. The

lake is especially well known for its water birds: Anhinga, Tricolored Heron, Black-crowned Night-Heron, Yellow-crowned Night-Heron, White Ibis, Wood Stork, Purple Gallinule, and Common Moorhen. Thousands of American White Pelicans, Franklin's Gulls, and Tree Swallows forage here during migration. Other species identified here include all three jaegers, Black-headed Gull, Black-legged Kittiwake, Bridled Tern, Couch's Kingbird, Cave Swallow, Rock Wren, Northern Wheatear, and Snow Bunting. Canada geese, gadwall American wigeon, mallards, blue and green winged teal, shoveler, pintail, ring necked ducks, lesser scaup, common goldeneye and ruddy ducks are all common migratory waterfowl species visiting Millwood Lake. These duck species are sometimes present in large numbers due to the shallow water and ample food sources around the lake shoreline.

4.5.2 Vegetation

The Gulf Coastal Ecoregion around Millwood Lake is characterized by three sub-ecoregion types. Flood plains and low terraces lie adjacent to the lake on the north, while the western adjacent watershed is characterized by Blackland prairie and cretaceous dissected uplands. The adjacent watershed on the east side of the lake is primarily Blackland prairie. Vegetation types within these sub-regions include forested wetlands and pasture lands north of the lake, some oak-hickory-pine forests interspersed with pasture lands in the cretaceous dissected uplands west of the lake, and the black land prairie sub region east of the lake being dominated by hay lands and pasture lands. Some remnants of natural prairie remain in this area. USACE conducts a prescribed fire program to help to maintain these specialized vegetative ecosystems in the Millwood Lake area. Along the rivers, streams, and lake shores the riparian habitats are characterized by wetland hardwood species such as oak, sweet gum, cypress, elm, birch, ash, and cottonwood. Pockets of invasive aquatic plant species are common in inlets and coves around the lake. Periodic drawdowns of the lake have been employed to aid in control of these plant species, as well as use of biological control measures.

4.6 Wetlands

Wetlands are complex habitats that are transitional from dry land to open water, and they have soil, water, and plant components. Wetlands are defined as those areas inundated or saturated by surface or ground water at a frequency and duration to support a prevalence of vegetation typically adapted for life in saturated soil conditions. Many common species of waterfowl, fish, birds, mammals, and amphibians also live in wetlands during certain stages of their lives.

Millwood Lake wetland areas are classified as lacustrine (open water-approximately 28, 300 acres), and palustrine (standing dead timber and vegetated shorelines). Palustrine wetlands include freshwater ponds (included in lacustrine acres), fresh water emergent (approx. 22 acres), and shoreline wetlands, which include a mixture of scrub/shrub (6 meters or less in height) or forested wetland species of greater than 6 meters in height. These forested/shrub type wetlands occupy approximately 4,638 acres in the project area. Common woody wetland species typically include buttonbush, willow, green ash, hackberry, elm, willow oak, water oak, overcup oak, sweetgum, and river birch. Some locations may have cypress as well. Palustrine forested/shrub wetlands occur in the feeder stream floodplains, and these are called riverine wetlands.

4.7 Threatened and Endangered Species

There are many species in the Gulf Coastal Ecoregion that are considered either threatened,

endangered, or state species of concern. Species become listed for a variety of reasons including over-hunting, over-fishing, and habitat loss as a result of human development and pollution; of these, habitat loss is the main contributor that imperils most species. A threatened species is one that is likely to become endangered within the foreseeable future. An endangered species is one in danger of extinction throughout all or a significant portion of its range. The bald eagle (*Haliaeetus leucocephalus*) is common during the winter months around Millwood Lake. In addition, several bald eagle nests are located around the lake. Although the bald eagle was delisted by USFWS in 2007 due to recovery of the species, both the bald and golden eagles are still protected in accordance with the Bald and Golden Eagle Protection Act.

Table 4-1 lists species known to occur on project lands as reported from the U.S. Fish and Wildlife Service's federally classified status list of species and the Arkansas Natural Heritage data set.

Table 4-1 Threatened, Endangered, and Species of Concern

| Common Name | Scientific Name | Status |
|--------------------------|---------------------------------|------------|
| Piping Plover | <i>Charadrius melodus</i> | Endangered |
| Red Knot | <i>Calidriou carnutus rufa</i> | Endangered |
| Eastern Black Rail | <i>Laterallus jamaicensis</i> | Endangered |
| Ouachita Rock Pocketbook | <i>Arkansia wheeleri</i> | Endangered |
| Pink mucket | <i>Lampsilis abrupta</i> | Endangered |
| Rabbitsfoot | <i>Quadrula cylindrica</i> | Threatened |
| Bald Eagle | <i>Haliaeetus leucocephalus</i> | Protected |

| ANHC DATA OBTAINED 2014-SPECIES LOCATED ON OR INTERSECT CORPS PROPERTY | | | | | | |
|--|------------------------------|-------|----------|-------|-----------|--|
| SNAME | SCOMNAME | GRANK | SRANK | USESA | STATESTAT | |
| NERODIA CYCLOPION | MISSISSIPPI GREEN WATERSNAKE | G5 | S3 | | INV | |
| STYPHNOLOBIUM AFFINE | EVE'S NECKLACE | G4 | S2S3 | | INV | |
| STENOSIPHON LINIFOLIUS | FALSE GAURA | G5 | S1 | | ST | |
| PYRRHOPAPPUS PAUCIFLORUS | FEW-FLOWER FALSE DANDELION | G5 | S1S2 | | INV | |
| PANDION HALIAETUS | OSPREY | G5 | S1B, S4N | | INV | |
| HALIAEETUS LEUCOCEPHALUS | BALD EAGLE | G5 | S2B, S4N | | INV | |
| STENOSIPHON LINIFOLIUS | FALSE GAURA | G5 | S1 | | ST | |
| NEMASTYLIS GEMINIFLORA | CELESTIAL-LILY | G4 | S3 | | INV | |
| LOWLAND PINE-OAK FOREST | | GNR | S1 | | INV | |
| GALLINULA GALEATA | COMMON GALLINULE | G5 | S1B, S2N | | INV | |
| ASTRAGALUS CRASSICARPUS VAR. CRASSICARPUS | PURPLE GROUND-PLUM | G5T5 | S2 | | INV | |
| RIVER FRONT FOREST | | GNR | S3 | | INV | |
| AMORPHA PANICULATA | PANICLED INDIGO-BUSH | G2G3 | S1 | | ST | |
| DELPHINIUM CAROLINIANUM SSP. VIRESCENS | PLAINS LARKSPUR | G5T5 | S2 | | INV | |
| REGINA RIGIDA SINICOLA | GULF CRAYFISH SNAKE | G5T5 | S3 | | INV | |
| ARKANSIA WHEELERI | OUACHITA ROCK POCKETBOOK | G1 | S1 | LE | SE | |
| PORPHYRIO MARTINICUS | PURPLE GALLINULE | G5 | S1B | | INV | |
| AGALINIS AURICULATA | EAR-LEAF FALSE FOXGLOVE | G3 | S1 | | INV | |
| SOLIDAGO TORTIFOLIA | TWIST-LEAF GOLDENROD | G4G5 | S2 | | INV | |
| HALIAEETUS LEUCOCEPHALUS | BALD EAGLE | G5 | S2B, S4N | | INV | |
| WEST GULF COASTAL PLAIN NORTHERN CALCAREOUS PRAIRIE | | GNR | SNR | | INV | |
| WEST GULF COASTAL PLAIN NORTHERN CALCAREOUS PRAIRIE | | GNR | SNR | | INV | |
| CHRYSEMYS DORSALIS | SOUTHERN PAINTED TURTLE | G5 | S3 | | INV | |
| PENSTEMON COBAEA | SHOWY BEARDTONGUE | G4 | S3 | | INV | |
| PENSTEMON COBAEA | SHOWY BEARDTONGUE | G4 | S3 | | INV | |
| ECHINODORUS BERTEROI | UPRIGHT BURHEAD | G5 | S1S3 | | INV | |
| ALLIUM DRUMMONDII | DRUMMOND'S WILD ONION | G5 | S1 | | INV | |
| INDIGOFERA MINIATA | SCARLET-PEA | G5 | S2 | | ST | |
| | | | | | | |

E = Endangered; S2: Imperiled: Imperiled in the state because of rarity or because of some factor(s) making it very vulnerable to extirpation from the nation or state (1,000 to 3,000)-typically 6 to 20 occurrences or few remaining individuals (1,000 to 3,000); S3: Vulnerable: Vulnerable in the state either because rare and uncommon, or found only in a restricted range (even if abundant at some locations), or because of other factors making it vulnerable to extirpation. Typically, 21 to 100 occurrences or between 3,000 and 10,000 individuals; G3: Vulnerable: Vulnerable globally either because very rare and local throughout its range, found only in a restricted range (even if abundant at some locations), or because of other factors making it vulnerable to extinction or elimination. Typically, 21 to 100 occurrences or between 3,000 and 10,000 individuals.

4.7.1 Invasive species

In accordance with Executive Order (EO) 13112, an invasive species means an alien species whose introduction does or is likely to cause economic or environmental harm or harm to human health. Invasive species can be microbes, plants, or animals that are non-native to an ecosystem. In contrast, exotic species, as defined by EO 11987, include all plants and animals not naturally occurring, either presently or historically, in any ecosystem of the United States. Invasive species can take over and out-compete native species by consuming their food, taking over their territory, and altering the ecosystem in ways that harm native species. Invasive species can be accidentally transported, or they can be deliberately introduced because they are thought to be helpful in some way. Invasive species cost local, state, and federal agencies billions of dollars every year. The Millwood Project is being impacted from the spread of invasive species. Locally the project office works with its partners, AGFC, University of Arkansas Extension Services and United States Department of Agriculture, to help stop the spread of these species. Terrestrial invasive species include feral hogs (*Sus scrofa*), sericea lespedeza (*Lespedeza cuneata*), Japanese

honeysuckle (*Lonicera japonica*), English ivy (*Hedera helix*), Trifoliate orange (*Citrus trifoliata*), Pyracantha, Callery pear (*Pyrus calleryana*), Privet (*Ligustrum*), Bull thistle (*Cirsium vulgare*), and the emerald ash borer (*Agilus planipennis*). Aquatic invasive species in Millwood Lake include Hydrilla, Alligator Weed, and the recently discovered Giant Salvinia. Project rangers post signage in all the recreation areas to communicate the dangers of spreading invasive species on project lands and waters. Rangers also place emerald ash borer traps on project lands to monitor any infestations of this species.

4.8 Archaeological and Historic Resources

4.8.1 Historical Sites

Cottonshed Landing, the one historic site on project land, contains no known remains of structures or other artifacts, so the site is not subject to vandalism or accidental destruction. A sign identifying the site and briefly explaining its significance will be erected in the public-use areas.

4.8.2 Archaeological Sites/Resources

Unlike geological sites archeological sites are highly subject to vandalism and “pothunting,” especially in areas where there are heavy concentrations of people. Fortunately, the only known major site located in an area proposed for intensive deployment is at White Cliffs, a new area. The National Park Service and the Arkansas Archeological Survey will be encouraged to complete excavation and salvage operations prior to development of the area. National and State antiquities laws will be enforced by Park Rangers to Discourage unauthorized collecting.

The Millwood Lake archeology is important not only to the immediate area, but to the entire Little River System and the Caddoan cultural area. With the exception of Paleo-Indian sites (8,000-14,000 years ago), a complete sequence of human history can be reconstructed at Millwood. Early Archaic (8,000 B.C.), Middle Archaic (3,000 B.C.), Late Archaic, Fourche Maline, Coles Creek, Gibson, and Fulton time periods are all represented. Three archaeological surveys have been conducted by the National Park Service and the Smithsonian Institution in cooperation with the Corps of Engineers and the Bureau of Reclamation. These surveys located 66 sites in the Millwood Lake area. Subsequent discovery of one other important village site has brought the total to 67 documented sites. There are 33 village sites, nine of which have been excavated, and 34 campsites. Information obtained from the surveys and subsequent excavations indicates that the earliest prehistoric occupation in the Millwood Lake area is represented by a small dual-component site dating from approximately 8,000-5,000 B.C. The people who inhabited the area during this period sustained themselves principally by hunting, and to some degree, gathering. Associated with the occupations are side-notched projectile point forms of the early Archaic period. The Late Archaic period (2,000-1,000 B.C.) is represented by three village sites and is recognized by an increased dependence on horticulture. The Caddoan period was the last prehistoric occupation of Millwood. During this time, from possibly 700 A.D. to 1600 A.D., a fairly large village of primarily farming families, could be found. The versatile use of potter by the Caddo people was one of their most outstanding characteristics. The Corps of Engineers will continue to cooperate with the National Park Service and the Arkansas Archeological Survey to encourage the identification and salvage or protection of archeological sites in the project area. Park rangers will be instructed in methods of protecting archeological sites from the public. The sites on project lands are already subject to vandalism by “pothunters” and the need for protection is a reality. Tentative plans are to establish an interpretive center in the project office with a general of the archeological components, supplemented with limited artifact displays. Artifacts that have already been recovered, plus artifacts excavated in the future, will provide an ample source of material. For rotational display,

Dioramas or actual reconstructions based on archeological data, would further complement these resources.

Previous Investigations in the Millwood Lake Area

The most recent broad cultural resources inventory for Millwood Lake was conducted in 1988 for the *Cultural Resources Priority Plan for the U.S. Army Engineer District, Little Rock* (Blakely and Bennett, Jr., 1988). Table 4-2 lists previous surveys performed along the Millwood Lake. Table 4-2 includes the most up to date survey information according to the records of the Arkansas Archeological Survey and the Missouri Department of Natural Resources.

Table 4-2 Previous Archeological Investigations on Millwood Lake

| Author | Title | Year |
|--|---|-------------|
| Howard, Lynn E | Archeological Survey in Millwood Region of Arkansas | 1963 |
| Spears, Carol, Nancy Myer, Hester Davis | Watershed Summary of Archeological and Historic Resources in the White River Basins, Arkansas and Missouri. | 1975 |
| Novick, Lee and Charles Cantlry | Millwood Lake: An Archeological Survey of a Portion of Millwood Lake Shoreline. | 1979 |
| Lee, Aubra Lane | Cultural Resources Investigations at Millwood Lake, Arkansas | 1986 |
| Blakely, Jeffrey A. and W.J. Bennett Jr. | Cultural Resources Priority Plan for the U.S. Army Engineer District | 1988 |

Recorded Cultural Resources in the Millwood Lake Area

Today, the Millwood Project is home to approximately 138 identified archeological sites made up of camp sites, shelter and cave sites, rock cairns, and earthen mound sites. A vast majority of these sites were submerged by impoundment of the White River. Less than five percent of the known sites within the lake area were investigated any further than documentation. Table 4-3 summarizes the previously recorded resources at Millwood Lake.

Table 4-3 Previously Recorded Resources at Millwood Lake

| Type of Site | Number of Sites |
|--------------------------------------|-----------------|
| Historic | 4 |
| Prehistoric | 114 |
| Multicomponent | 20 |
| Total | 138 |
| National Register Eligibility Status | |
| Not Evaluated | 132 |
| Not Eligible | 5 |
| Eligible | 1 |

4.9 Air Quality

Millwood Lake is located in the Gulf Coastal Plain ecoregion, and it is close to the Domtar Paper Mill in Ashdown, and the Turk Power Plant in Fulton. While both facilities discharge air quality contaminants, the air quality in the Millwood Lake area is clean with low levels of air emissions below local emission thresholds. There has been one violation of the current National Ambient Air Quality Standards (NAAQS) established by EPA. Air monitoring requirements are established by EPA and are dictated under their guidance and monitoring objectives. Monitoring sites are placed in areas believed to have higher concentration of pollutants, which generally consist of the state's larger metropolitan areas. These areas, called Metropolitan Statistical Areas (MSA's) are defined by the larger population centers and surrounding counties. Based on these guidelines, the TX-AR MSA, covering Bowie County, TX, and Little River and Miller Counties, AR, has an air quality monitoring site, with carbon monoxide, nitrogen dioxide, ozone, sulfur dioxide, small diameter particulate matter (PM_{2.5}), and large diameter particulate matter (PM₁₀) constituents being monitored. The PM_{2.5} constituent was the only one exceeding EPA standards, resulting in one unhealthy day for sensitive groups in the year 2020 record. Of the 358 days of reported Air Quality Index (AQI) values, there were 270 days of good air quality and 87 days of moderate air quality for the counties comprising the TX-AR MSA of Texarkana, Arkansas and Texarkana, Texas.

4.10 Socio-Economic Resources

Millwood Lake is located entirely within the state of Arkansas, and its physical area is split between four counties: Little River, Hempstead, Howard, and Sevier. The metropolitan area closest to the lake is the Texarkana, Texas (TX)-Arkansas (AR) Metropolitan Statistical Area (MSA), which is located approximately 15 to 20 miles south/southwest of the lake. The Texarkana MSA is made up of Bowie County in Texas and Miller County in Arkansas.

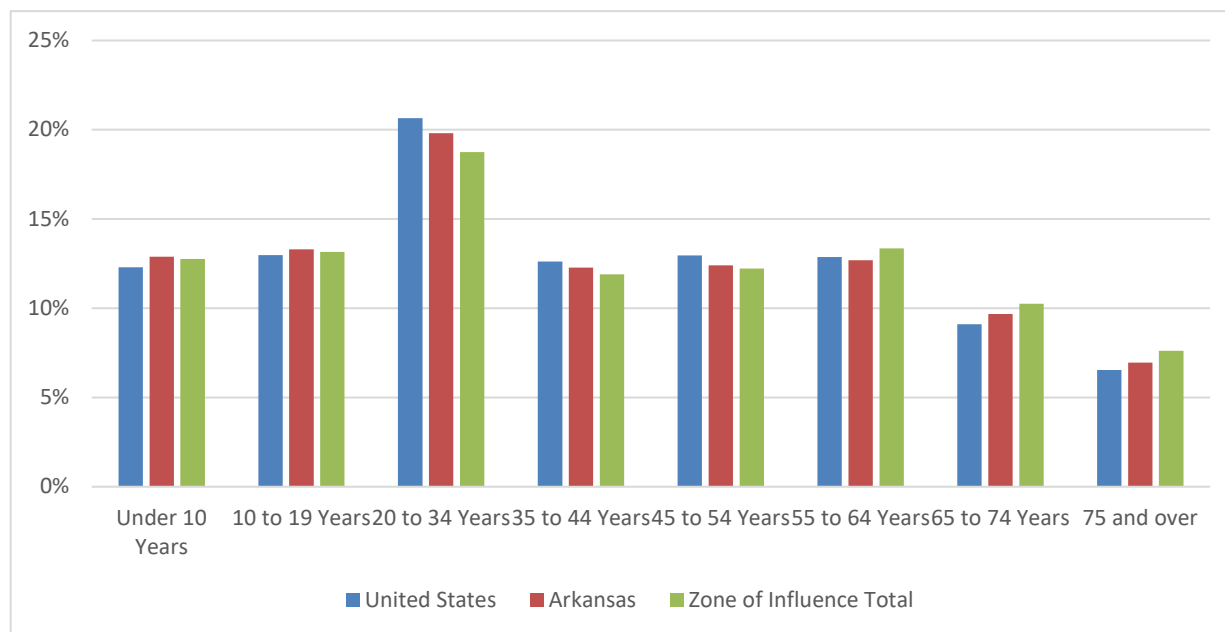
Data from the 2010 Census, the U.S. Bureau of Labor Statistics, and the 2019 American Community Survey were used to summarize socioeconomic conditions in the project area. Table 4-4 shows 2010 and 2019 population estimates, as well as the estimated annual growth rate for each county in the area. The annual growth rate in recent years (2010-2019) has been largely negative in the zone of influence. The annual growth rate in the zone of influence between 2010 and 2019 was -0.1%. During the same timeframe, the annual growth rate was 0.6% in the United States, 0.3% in Arkansas, 0.3% in Louisiana, 0.5% in Oklahoma, and 1.3% in Texas.

Table 4-4 Population Estimates and Trends

| Geographical Area | 2010 Population Estimate | 2019 Population Estimate | Population Percent Change (2010- 2019) |
|---|--------------------------------|--------------------------------|--|
| United States | 308,745,538 | 324,697,795 | 0.6% |
| Arkansas | 2,915,918 | 2,999,370 | 0.3% |
| Louisiana | 4,533,372 | 4,664,362 | 0.3% |
| Oklahoma | 3,751,351 | 3,932,870 | 0.5% |
| Texas | 25,145,561 | 28,260,856 | 1.3% |
| Zone of Influence | 1,224,263 | 1,214,373 | -0.1% |
| Source: U.S. Bureau of the Census, 2010 Census (2010 Estimate); U.S. Bureau of the Census, American Community Survey (2019 Estimate); | | | |

Figure 4-1 displays the population by age group for the country, states of Arkansas, and the ZOI. In the ZOI, 13% of the population is 0 to 10 years old, another 13% is 10 to 19 years old, 19% is 20 to 34 years old, 12% is 35 to 44 years old, 12% is 45 to 54 years old, 13% is 55 to 64 years old, 10% is 65 to 74 years old, and 8% is 75 years and over. This age distribution is comparable to the state of Arkansas and the U.S.

Figure 4-3 Population Distribution by Age Group (2019)



Key income indicators (median household income and per capita income) are presented in Table 4-5. Per capita income for counties in the project area varies but is consistently lower than their respective state, often significantly. Average per capita income weighted by population for the entire ZOI was \$24,988 in 2019. By comparison, per capita income was \$34,103 in the United States, \$26,577 in Arkansas, \$27,923 in Louisiana, \$28,422 in Oklahoma, and \$31,277 in Texas. In terms of industries, the distribution across the ZOI is similar to that of the U.S. as well as the states

surrounding the project area. The largest majority of the ZOI (31%) is employed in the Management, business, science, and arts occupations, followed by 22% in Sales and office occupations, 19% in Service occupations, 17% in Production, transportation, and material moving occupations, and 12% in Natural resources, construction, and maintenance occupations. Compared to the country, the ZOI has slightly less individuals employed in Management, business, science, and arts occupations and slightly more in Production, transportation, and material moving occupations.

Table 4-5 Income and Employment

| Geographical Area | Median Household Income | Per Capita Income | Civilian employed population 16 years and over | Management, business, science, and arts occupations | Service occupations | Sales and office occupations | Natural resources, construction, and maintenance occupations | Production, transportation, and material moving occupations |
|--|-------------------------|-------------------|--|---|---------------------|------------------------------|--|---|
| United States | \$62,843 | \$34,103 | 154,842,185 | 59,647,283 | 27,489,501 | 33,491,626 | 13,713,796 | 20,499,979 |
| Arkansas | \$47,597 | \$26,577 | 1,303,490 | 438,892 | 220,282 | 281,025 | 133,382 | 229,909 |
| Louisiana | \$49,469 | \$27,923 | 2,033,758 | 694,364 | 390,254 | 447,126 | 233,659 | 268,355 |
| Oklahoma | \$52,919 | \$28,422 | 1,772,123 | 615,904 | 310,390 | 392,689 | 199,411 | 253,729 |
| Texas | \$61,874 | \$31,277 | 13,253,631 | 4,867,492 | 2,288,826 | 2,937,388 | 1,433,389 | 1,726,536 |
| Zone of Influence | NA | \$24,988 | 496,310 | 152,920 | 93,092 | 108,308 | 57,764 | 84,226 |
| Source: U.S. Bureau of the Census, American Community Survey (2019 Estimate) | | | | | | | | |

In counties adjacent to Millwood Lake, tourism and recreation is also an important part of local economies. Recreation at the lake has substantial impact to local economies based on surveys of visitor spending and attendance at Corps projects. Between 2005 and 2019, annual average visitation was 386,000 between. In 2019, roughly 215,000 people visited Millwood Lake. Though visitation was slightly down compared to previous years, visitors still spent \$7.4 million in local economies within 30 miles of the lake. This spending generated \$6.9 million in business sales revenue and supported about 74 full and part time jobs with \$2.1 million in labor income for local economies.

Executive Order 12898, entitled “Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations,” addresses potential disproportionate human health and environmental impacts that a project may have on minority or low-income communities.

Thus, the environmental effects of the Project on minority and low-income communities or Native American populations must be disclosed, and agencies must evaluate projects to ensure that they do not disproportionately impact any such community. If such impacts are identified, appropriate mitigation measures must be implemented.

To determine whether a project has a disproportionate effect on potential environmental justice communities (i.e., minority or low-income population), the demographics of an affected population within the vicinity of the Project must be considered in the context of the overall region. Guidance from the Council on Environmental Quality (CEQ) states that “minority populations should be identified where either: (1) the minority population of the affected areas exceeds 50 percent, or (b) the minority population percentage of the affected area is meaningfully greater than the minority

population percentage in the general population or other appropriate unit of geographic analysis (CEQ 1997).”

Figure 4-6 displays Census data summarizing racial and ethnic characteristics of the ZOI. Table 4-7 displays poverty indicators for the ZOI. The purpose is to analyze whether the demographics of the affected area differ in the context of the broader region; and if so, do differences meet CEQ criteria for an Environmental Justice community. Based on the analysis, poverty and unemployment are more prevalent in the ZOI than in the states surrounding the lake as well as the United States. Further, the minority population in the ZOI is greater than that of Arkansas, Louisiana, and Oklahoma, though it does not exceed 50 percent.

Table 4-6 Population by Race and Ethnicity, 2019

| Area | White alone | Black or African American alone | Hispanic or Latino (of any race) | American Indian and Alaska Native alone | Asian alone | Native Hawaiian and Other Pacific Islander alone | Some other race alone | Two or more races |
|--|-------------|---------------------------------|----------------------------------|---|-------------|--|-----------------------|-------------------|
| United States | 61% | 12% | 18% | 1% | 5% | 0% | 0% | 2% |
| Arkansas | 72% | 15% | 7% | 1% | 1% | 0% | 0% | 2% |
| Louisiana | 59% | 32% | 5% | 1% | 2% | 0% | 0% | 2% |
| Oklahoma | 66% | 7% | 11% | 7% | 2% | 0% | 0% | 7% |
| Texas | 42% | 12% | 39% | 0% | 5% | 0% | 0% | 2% |
| Zone of Influence | 63% | 26% | 7% | 1% | 1% | 0% | 0% | 2% |
| Source: U.S. Bureau of the Census, American Community Survey (2019 Estimate) | | | | | | | | |

Table 4-7 also displays the percentage of children (individuals under the age of 18) by county in the ZOI. The purpose of the data is to assess whether the project disproportionately affects the health or safety risks to children as specified by Executive Order (E.O.) 13045 - *Protection of Children from Environmental Health Risks and Safety Risks* (1997).

Table 4-7 Poverty Indicators and Number of Children (2019)

| Area | Unemployment Rate | Percent of population below poverty line in last 12 months | Percent of Population Under 18 Years Old |
|---|-------------------|--|--|
| United States | 3.7% | 13.4% | 18.5% |
| Arkansas | 3.5% | 17.0% | 23.7% |
| Louisiana | 4.7% | 19.2% | 27.2% |
| Oklahoma | 3.1% | 15.7% | 21.5% |
| Texas | 3.5% | 14.7% | 20.9% |
| Zone of Influence | 4.0% | 20.3% | 29.8% |
| Source: Bureau of Labor Statistics (Unemployment); U.S. Bureau of the Census, American Community Survey (2019 Estimate) | | | |

4.11 Recreation Resources

The recreational resources of Millwood Lake are considered to be of great importance to this Gulf Coastal region. Tourism and lake visitation are major sources of income for the counties surrounding this lake. USACE has taken advantage of the natural and scenic beauty and constructed a variety of recreational facilities around the lake. The Project offers many recreational activities such as wildlife viewing, boating, fishing, hunting, picnics, and camping, as well as hiking and biking trails. There are 12 public use areas around Millwood Lake operated by the Corps of Engineers, and four additional leased areas. Future development of parks and recreation facilities will follow the guidelines as stated in the Arkansas 2019-2023 SCORP. These criteria furnish guidelines for determining the type and number of facilities needed to satisfy the current and projected demand and also furnishes guidelines for serviceability, operation, and maintenance of facilities. Considerations for the physically handicapped will be included in the design of facilities.

For a detailed description of the recreational resources, as well as visitation data at Millwood Lake, see Chapter 2 of the Millwood Revised Master Plan.

4.12 Health and Safety

Safety of project visitors and project staff are the highest priority in daily project operations. Facilities and recreational areas are routinely evaluated to ensure sites are safe for visitor use. Project staff conducts numerous water safety programs and public announcements to educate children and project visitors about ways to be safe on the lake.

Boating lanes established on the lake are kept clean for boater safety and ease of navigation through flooded timber. Park Rangers provide visitor assistance and work with county law enforcement agencies to ensure public safety. Park Rangers and Arkansas Game and Fish personnel provide water safety and enforcement patrols on the lake as their budgets allow.

4.13 Aesthetics

Management objectives include maintaining scenic vistas while limiting impacts that would negatively affect aesthetics. Natural landscapes and views of undeveloped lands are an important feature that enhances the recreational experience. The perimeter lands around Millwood Lake provide a natural setting that is aesthetically pleasing as well as buffering the lake from development and negative impacts such as erosion and storm water runoff. However, there are problems in maintaining these aesthetic qualities. Project resource staff is continually investigating trespasses that include activities such as timber cutting and land destruction by unauthorized off road vehicles. In addition, litter and illegal trash dumping both on project lands and project waters are continual problems. Vandalism within recreation areas also occurs. Other concerns that impact aesthetics are demands put upon project resources for uses such as road and utility line corridors.

5. ENVIRONMENTAL CONSEQUENCES

The following table summarizes the resources that are likely to be affected by each of the alternatives for an update of the Millwood Lake Shoreline Management Plan, which includes the No Action alternative. A detailed discussion of the potential impacts of each of the alternatives follows the synopsis provided in Table 5-1.

Table 5-1 Resource Impact with Implementation of Alternatives

| Resource Category | Alternative 1 No Action | Alternative 2 -Selected |
|---|---|---|
| Climate, Topography, Geology and Soils | The No Action Alternative is used as the base line for comparison with the action alternative. This alternative represents the current conditions that exist and the potential for additional development under the current regulations. There is no documentation of significant environmental concerns on climate, topography, geology, and soils from current activities on and around the lake. | There would be an impact, although not significant, on climate, topography, and geology as a result of implementation of the Selected Alternative due to the potential for reduced development around the lake due to a 3.3 mile reduction of LDA and a 13.2 mile reduction in Public Recreation Area. Any additional boating activity above current uses may come from increased use of existing public launching facilities and commercial marinas. |
| Aquatic Environment | The No Action Alternative would result in little to no impacts on the hydrology and groundwater components of the aquatic environment. Water quality impacts would likely be minimally impacted under this alternative due to continuing the issuance and renewal of vegetation modification and dock permits. | The Selected Alternative is similar to the No Action Alternative in terms of potential impacts to the hydrology and groundwater components of the aquatic environment, but water quality would potentially be minimally impacted due to the reduction of LDA and PRA shoreline miles. |

| Resource Category | Alternative 1 No Action | Alternative 2 Selected |
|--|--|--|
| Terrestrial Resources | The No Action Alternative would have minimal negative impact on the lakeside terrestrial resources due to continuing the issuance and renewal of vegetation modification and dock permits. | Implementation of the Selected Alternative would have a positive impact on terrestrial resources in comparison to the No Action Alternative. Due to an increase in Protected and Prohibited land allocations, this would have a positive benefit to the vegetation and wildlife around the lake. |
| Wetlands | The No Action Alternative would have minimal negative impact on the lakeside terrestrial resources due to continuing the issuance and renewal of vegetation modification and dock permits. | Implementation of the Selected Alternative would have a positive impact on terrestrial resources in comparison to the No Action Alternative. Due to an increase in Protected and Prohibited land allocations, this would have a positive benefit to the vegetation and wildlife around the lake. |
| Threatened & Endangered Species | The No Action Alternative could have a potential negative impact on Threatened, Endangered, Protected, or Species of State Concern, depending on whether or not new dock or vegetation modification permits impacted the known location of a listed species. | The Selected Alternative would be similar to existing condition, but with less potential for impact to any listed Threatened, Endangered, Protected, or Species of State Concern. Due to the increase in Protected and Prohibited lands, there may be some positive benefits to any or all the listed species. |

| Resource Category | Alternative 1 No Action | Alternative 2 Selected |
|--|--|--|
| Archaeological & Historic Resources | <p>The No Action Alternative would have some potential to have a negative impact on cultural resource sites and historic properties compared to all the Selected Alternative due to the continued issuance of vegetation modification and boat dock permits.</p> | <p>The Selected Alternative would be similar to No Action, but with slightly less potential to impact cultural resource sites or historic properties. There are reductions in both LDA and PRA, with corresponding increases in Protected and Prohibited lands, which would enhance protection of these resources.</p> |
| Air Quality | <p>Implementation of the No Action Alternative would have minimal impacts to existing air quality due to a continuation of the permitting process, creating a potential for increased boating activity.</p> | <p>Implementation of the Selected Alternative would result in some reduction in negative air quality impacts as compared to the No Action Alternative due to a decrease in LDA and PRA lands, thereby having a potential for a decrease in future development.</p> |

| Resource Category | Alternative 1 No Action | Alternative 2 Selected |
|-----------------------------|--|---|
| Socio-economics | <p>The No Action Alternative may have beneficial impacts on the socio-economic situation in the counties surrounding Millwood Lake due to the retention of a larger percentage of LDA and PRA lands as compared to the Selected Alternative.</p> | <p>The Selected Alternative may have minimal negative impact on the socio-economic situation in the counties surrounding Millwood Lake since this alternative reduces LDA lands by 3.3miles and PRA lands by 13.2 miles from the No Action Alternative.</p> |
| Recreation Resources | <p>Under the No Action Alternative, areas around Millwood would have the potential to add more boat docks, since a higher percentage of LDA is retained, as compared to the Selected Alternative. This may enhance the recreational experience for boating and fishing activities on the lake.</p> | <p>The Selected Alternative would reallocate some LDA and PRA lands to Protected and Prohibited allocations. Implementation of this alternative could restrict some boating access, but would allow more recreation in the wildlife viewing, hiking, and hunting arena.</p> |

| Resource Category | Alternative 1 No Action | Alternative 2 Selected |
|----------------------------|---|--|
| Health & Safety | <p>The No Action Alternative would still allow potential development opportunities, but not to the degree to cause significant boat congestion or increase water related accidents. Recreational boating experiences and boater satisfaction may be impacted due to the potential for additional boats on the lake.</p> | <p>The Selected Alternative would reduce both LDA and PRA lands, thereby reducing the potential for increased development. Water quality may be positively impacted due to reduced development and a decrease in fuel and oil leakage due to limits on boating access. The increase in Protected and Prohibited lands could result in a potential increase in human exposure to insects and wildlife. The availability of recreational opportunities, balanced with conservation of natural environment could lead to better health, both mental and physical, for lake users.</p> |
| Aesthetics | <p>The No Action Alternative would still allow potential development opportunities, but not to the degree to significantly impact the current aesthetic qualities that make Millwood Lake a desired location for both residents and visitors. This alternative would maintain the area of pristine shoreline and preserve regions of boulders, bluffs, and mature forest flora that currently dominate views.</p> | <p>Under the Selected Alternative, the reduction of 3.3 miles of LDA and 13.2 miles of PRA, along with the addition of 14.3 miles of Protected lands allocation would enhance a sense of the pristine nature of the lake. The developed areas are, for the most part, shielded from the lake view, which preserves the viewscapes of those recreating on the lake.</p> |

5.1 Climate

5.1.1 No Action (Alternative 1)

There could be some potential impact to climate as a result of implementation of the No Action alternative. Of the 3.1 miles of existing LDA, a potential for additional development could modify the vegetation component near the shoreline, allowing more sunlight penetration. Greater temperature fluctuations generally occur when woody vegetation is removed from an area. Reduced ground cover could cause an increase in sedimentation during rainfall events, which could increase the turbidity of the water, resulting in a potential for a small increase in water temperature.

5.1.2 Selected (Alternative 2)

The Selected Alternative is more protective than the No Action Alternative in terms of potential impacts on air and water temperature modification. A reduction of LDA lands allocation of 2.9 miles of shoreline could reduce the potential for development, which reduces the potential impact on climate due to vegetation removal at various locations within the 2.9 shoreline miles. The conversion of 0.9 miles of PRA lands primarily to Protected lands would also result in less potential vegetation modification.

5.2 Topography, Geology and Soils

5.2.1 No Action (Alternative 1)

The No Action Alternative could allow additional potential development on the current 3.1 miles of LDA allocation lands, but due to the fragmentation of this acreage around the shoreline, there would be only minor impacts on the topography, geology, and soils. The combination of LDA and PRA lands represents 30.3% of total shoreline miles around the lake. With this amount of shoreline miles consisting of these allocations, some potential impacts from erosion and sedimentation could result from the implementation of this alternative.

5.2.2 Selected (Alternative 2)

The Selected Alternative is more restrictive than the No Action Alternative in terms of potential impacts to topography, geology, and soils. There would likely be little change in impacts on the existing conditions regarding these features due to the fact that this alternative generally reflects current lake usage patterns. LDA lands would be reduced from the No Action Alternative by 2.9 shoreline miles, and PRA lands would be reduced by 0.9 miles. These shoreline miles would be reallocated to Protected and Prohibited lands, which provide more of a vegetated lake buffer area. This vegetation helps to reduce storm water velocity and acts as a filtering mechanism. This would help reduce erosion and sediment deposition in the lake.

5.3 Aquatic Environment

5.3.1 Hydrology and Groundwater

5.3.1.1 No-Action (Alternative 1)

The hydrology and groundwater components of Millwood Lake would not change significantly from the existing condition due to the implementation of a No Action Alternative. The potential for additional development under this alternative would have some effect on reducing percolation

through the soil layers due to ground cover removal, and potentially increasing storm water velocity. Wetland areas within the current 3.1 miles of LDA could be potentially impacted due to implementation of the No Action Alternative.

5.3.1.2 Selected (Alternative 2)

The Selected Alternative is slightly different than the No Action Alternative in terms of potential impacts to the hydrology and groundwater components of the aquatic environment. The hydrology and groundwater conditions are generally a function of the watershed drainage and existing geology of the area, but only 6% of the shoreline is classified as LDA and PRA in this alternative, as compared to 6.8% in the No Action Alternative. This would enhance rainfall absorption and slow runoff velocity due to retention of additional 3.8 miles of Protected and Prohibited lands shoreline vegetation.

5.3.2 Water Quality

5.3.2.1 No Action (Alternative 1)

Lake fluctuations associated with flood control procedures, result in change in the environment along the shoreline of the lake. Turbidity from heavy rainfall has a temporary, adverse effect on Millwood Lake. During these periods of increased runoff, urban areas and other parts of the terrain, especially those that have had the protective vegetation removed, contribute silt and other suspended particles to the tributaries. While implementation of the No Action Alternative is relatively independent of the existing watershed drainage on the lake water quality, potential continued development around the lake shoreline would exacerbate water quality issues due to potential increased erosion, localized increases in turbidity and increased sedimentation in the lake following storm events. Under the No Action Alternative, LDA and PRA lands comprise 6.8% of the shoreline. Based on the current allocation, the potential exists for continual localized degradation of shoreline vegetation due to potential increased development and subsequent vegetation removal and mowing activities. This would result in negative impacts to water quality due to increased storm water velocity, scour and sedimentation.

5.3.2.2 Selected (Alternative 2)

Implementation of the Selected Alternative may result in positive benefits to water quality due to a reduction in boating access, with reduced fuel and oil spillage, and a reduction in both LDA and PRA allocated lands as compared to the No Action Alternative. There is a corresponding increase in Prohibited and Protected lands. These land reallocations would serve to limit development on these lands, thereby reducing impacts to ground disturbance and subsequent increased erosion. These factors would reduce erosion sedimentation and pollutants scoured from reduced impervious surfaces, with additional benefits of retention of more shoreline vegetation, better fishery habitat, increased water clarity and cooler water temperature conditions due to the decrease of turbidity and sediment deposition.

5.3.3 Fish Species and Habitat

5.3.3.1 No Action (Alternative 1)

The fishery of Millwood Lake may have potential minor impacts from the implementation of the No Action alternative, which has 3.1 miles of available shoreline allocated as LDA lands. Implementation of the No Action alternative would allow potential development in some areas of this shoreline mileage. Development often results in vegetation removal down to water's

edge, which impacts shoreline stability, removes fish cover provided by overhanging vegetation, tree trunks and roots, and exacerbates storm water erosion and sedimentation. During the spring spawning season this sedimentation has the potential to disrupt spawning activity and productivity in the coves and lake arms where spawning commonly occurs.

5.3.3.2 Selected (Alternative 2)

Implementation of the Selected Alternative would have a positive effect on the lake fishery resource as compared to the No Action Alternative. There is a 2.9 mile reduction in LDA land allocation and a 0.9 mile reduction in PRA lands, with these shoreline miles being added to Protected and Prohibited lands allocation. The increases in lands in these two areas would serve as additional protection for lakeside vegetation and preservation of overhanging vegetation, which provides cover for fish, reduces storm flow velocity, reduces erosion scour, and reduces sedimentation. These factors improve spawning habitat, thereby potentially enhancing fish population dynamics in the lake.

5.4 Terrestrial Resources

5.4.1 Wildlife

5.4.1.1 No Action (Alternative 1)

The terrestrial resources of Millwood Lake may have potential minor impacts from the implementation of the No Action alternative, which has 3.1 miles of available shoreline allocated as LDA lands. Implementation of the No Action alternative would allow potential development in some areas of this shoreline mileage. Development often results in vegetation fragmentation, which may impact wildlife movement corridors in some areas. Based on the current shoreline allocation, the potential exists for continual degradation of shoreline vegetation due to increased development and potential vegetation removal and mowing activities. This would result in negative effects to wildlife due to potential removal of trees and understory vegetation, with a potential to alter food sources and migratory patterns of insects, birds, and mammal species.

5.4.1.2 Selected (Alternative 2)

Implementation of the Selected Alternative would have a positive effect on terrestrial resources, when compared to the No Action alternative. There would be a 2.9 mile shoreline mile reduction in LDA lands allocation, a 0.9 mile reduction in PRA lands, and a corresponding increase in Protected and Prohibited lands allocation. The increases in lands in these two allocations would provide additional protection for lakeside vegetation, and preservation of habitat for wildlife and migratory bird species. The buffer of natural vegetation that remains along the shoreline from this designated acreage would potentially enhance migration and feeding activities for many species of wildlife.

5.4.2 Vegetation

5.4.2.1 No Action (Alternative 1)

Under the No Action Alternative, 3.1 miles of shoreline would be allocated as LDA lands. An additional 0.9 miles are allocated as PRA lands, which results in 6.8% of shoreline miles allocated as lands that have had, or have potential for, some vegetation modification within these areas. Based on this, the potential exists for continued degradation of shoreline vegetation due to increased development and subsequent vegetation removal and mowing activities. This would

result in potential negative effects to the natural shoreline vegetation composition due to potential removal of trees and understory vegetation, thus possibly altering food sources and migratory patterns of insects, birds, and mammal species, as well as increasing a potential for increased storm water erosion effects.

5.4.2.2 Selected (Alternative 2)

Implementation of the Selected Alternative would have a positive effect on the shoreline vegetation, when compared to the No Action alternative. There would be a 2.9 mile reduction in LDA lands and a 0.9 mile reduction in PRA lands allocation. This results in 92.8% of total shoreline miles being allocated as Protected lands. The increases in lands allocated as Protected would serve as additional protection for lakeside vegetation and subsequent preservation of habitat for wildlife and migratory bird species. The buffer of natural vegetation that remains along the shoreline from this designated acreage would enhance migration and feeding activities for many species of wildlife, as well as mediate storm water velocity and scour.

5.5 Wetlands

5.5.1 No Action (Alternative 1)

Under the No Action Alternative, 3.1 miles of shoreline would be allocated as LDA lands. An additional 0.9 miles are allocated as PRA lands, which results in 6.8% of shoreline miles allocated as lands that have had, or have potential for, some vegetation modification within these areas. Based on this, the potential exists for localized degradation of shoreline wetland vegetation due to increased development and subsequent vegetation removal and mowing activities. This would result in potential negative effects to the natural wetland function due to potential removal of trees and understory vegetation, thus possibly altering food sources and migratory patterns of insects, birds, and mammal species, as well as increasing a potential for increased sedimentation from storm water runoff.

5.5.2 Selected (Alternative 2)

Implementation of the Selected Alternative could have a positive effect on the shoreline wetland vegetation, when compared to the No Action alternative. There would be a 2.9 miles reduction in LDA lands, and a 0.9 miles reduction in PRA lands allocation. This results in 92.8% of total shoreline miles being allocated as Protected lands. The increases in lands allocated as Protected would serve as additional protection for lakeside wetland vegetation and subsequent preservation of habitat for wildlife and migratory bird species. The buffer of natural vegetation that remains along the shoreline from this designated acreage would enhance migration and feeding activities for many species of wildlife, as well as mediate storm water velocity and scour.

5.6 Threatened and Endangered Species

5.6.1 No Action (Alternative 1)

Of the species listed in Table 4-1 of Section 4.0, AFFECTED ENVIRONMENT, one specie would be potentially affected by implementation of the No Action Alternative. The Bald Eagle, *Haliaeetus leucocephalus*, which was removed from the threatened listing in 2007 by the USFWS, but still remains a protected species, are located the area of some lands allocated as LDA.

5.6.2 Selected (Alternative 2)

The Selected Alternative would likely have fewer potential effects on listed threatened, endangered, protected, or species of state concern than as noted in the No Action Alternative. There are no known species directly impacted by the LDA lands allocation.

5.7 Archaeological and Historic Resources

5.7.1 No-Action (Alternative 1)

Under the No-Action Alternative, which includes 137.6 miles allocated as LDA lands, potential impacts could occur in 14 cultural resource locations, spreading across 4.8 shoreline miles. Any new ground disturbing activities on USACE lands would require a permit to be issued prior to commencement of the activity. Through the site review process prior to issuance of a permit or any federal action, unknown sites would be identified, and known sites would be evaluated for their significance and eligibility for the National Register of Historic Places pursuant to 36 CFR Part 800 of the National Historic Preservation Act. Cultural Resource sites within LDA allocated lands could potentially undergo the most severe impact due to the fact that activities such as boat dock construction and shoreline use permits result in a degree of ground disturbance which could pose a threat to intact cultural deposits. Potential mitigation for impact to cultural or historic sites would be the requirement for a cultural or historic resource site evaluation. If evaluation of site identifies a cultural or historic resource, avoidance of the action would be recommended.

5.7.2 Selected (Alternative 2)

Under the Selected Alternative, the LDA lands allocation would decrease from 137.6 shoreline miles to 133.3 miles, thus decreasing the potential for effects on cultural resources. Under this alternative, 11 cultural resource sites spreading across 1.89 shoreline miles, could potentially sustain some impacts. Again, any new ground disturbing activities on USACE lands would require a permit to be issued prior to commencement of the activity. Through the site review process prior to issuance of a permit or any federal action, unknown sites would be identified, and known sites would be evaluated for their significance and eligibility for the National Register of Historic Places pursuant to 36 CFR Part 800 of the National Historic Preservation Act.

5.8 Socio-Economic Resources

5.8.1 No Action (Alternative 1)

The No Action Alternative may potentially have the most effect on the socio-economic situation in the counties surrounding Millwood Lake, due to the fact that 6.8% of the available shoreline miles is allocated as LDA and PRA lands. While the additional potential for some development exists around the lake, current population growth and the demographic makeup of the population is expected to remain similar to the current rates and percentages the area experience now. Housing units and their values would not be affected if the No Action alternative is implemented. It is likely that changes in the socio-economic conditions of the Millwood area would be the result of outside influences, and not those created by the No Action alternative.

5.8.2 Selected (Alternative 2)

The Selected Alternative would likely have less of a positive effect on the socio-economic situation in the counties surrounding Millwood Lake than the No Action Alternative. Population would be expected to stay the same or decline slightly due to the decreased LDA and PRA lands allocation,

and corresponding increases in Protected and Prohibited lands allocation. Under the Selected Alternative the demographic makeup of the population would likely be unaffected. Total housing units would stay the same or decrease due to the decreased availability of potential development and boating recreation at the lake, but it is unlikely that housing values would change as a result of the alternative. The economy of the area would likely stay the same or have a slight decline if this alternative is implemented.

5.9 Recreation Resources

5.9.1 No-Action (Alternative 1)

Provision of recreational facilities and services would continue at Millwood Lake without an update to the Millwood Lake Shoreline Management Plan. However, the 2012 SMP by which the Resource Manager and staff operate would not accurately reflect the current status of project facilities. Currently, there are areas of bluffs incorrectly allocated as LDA, and several boat docks are located outside of areas currently allocated as LDA. Correcting these deficiencies would allow the Millwood Lake personnel more time to devote to enhancement of recreational opportunities and safety for lake visitors.

5.9.2 Selected (Alternative 2)

Under the Selected Alternative, all lands would be allocated to reflect current uses and some of the existing allocations would be changed. This proposed update in shoreline allocations would be structured to achieve a balance based on the present public use of the lake while sustaining the natural, cultural, and socio- economic resources of the area and reflecting the current management and operation of lands at Millwood Lake. Under Alternative 2, the current LDA lands, PRA lands, comprising 6.8% of available shoreline miles, would be reduced to 6%. Protected lands, currently at 92.5% of shoreline miles, would increase to 92.8%, while Prohibited lands allocation, at 0.6%, would increase to 1.2% of available shoreline miles. These allocations more accurately reflect current lake usage, with fishing, boating, hunting, and wildlife viewing dominating the recreational activity on the lake. The proposed increase in Protected and Prohibited lands may assist in forging additional partnerships between public and private entities for recreational and wildlife conservation opportunities. The retention of a major percentage of the natural shoreline vegetation would lead to improved water quality, due to the buffering and filtering capability of this vegetation.

5.10 Air Quality

5.10.1 No Action (Alternative 1)

Under the No Action alternative, the air quality around the lake would remain the same as currently exists. There would likely be increases in vehicular exhaust emissions due to localized development, and the associated construction equipment and traffic in the area. However, no violations of the current National Ambient Air Quality Standards (NAAQS) established by EPA would be expected as a result of the implementation of this alternative.

5.10.2 Selected (Alternative 2)

Implementation of the Selected Alternative would also result in no change in air quality impacts as noted under the No Action Alternative. Since this alternative would incorporate more shoreline miles into the Protected and Prohibited lands allocation, there would likely be a reduction in potential development, local vehicular exhaust emissions, and construction equipment activity, which would avoid or reduce potential impacts on localized air quality. No violations of the

current NAAQS established by EPA would be expected as a result of the implementation of this alternative.

5.11 Health & Safety

5.11.1 No Action (Alternative 1)

Safety of project visitors and project staff are highest priority in daily project operations. The No Action Alternative would have 6.8% of available shoreline miles allocated as LDA and PRA lands, and with the potential for additional development, including docks and vegetation modification, this would allow for a higher potential for a reduction in lake water quality, as described in Section 5.3.2. There could potentially be an increase in boat traffic on the lake and a possible increase in congestion, creating additional safety issues. The lake could experience increased user conflict, for example, boats vs. personal watercrafts. Under the No Action Alternative, populations who recreate at the lake could be exposed to health risks associated with impaired water quality, such as *E. coli*, and potential hazardous run off due to the overall potential for increased recreation at the lake.

5.11.2 Selected (Alternative 2)

The recreational opportunities on the lake provided by this alternative, balanced with conservation of natural environment, could lead to better health, both mental and physical, of the visiting population. Implementation of the Selected Alternative would likely result in reduced traffic congestion on the water, and a lower potential for water related incidents. The increase in Protected and Prohibited lands allocation could potentially increase exposure to insects and animals, which is generally understood by the public who utilize these lands.

5.12 Aesthetics

5.12.1 No Action (Alternative 1)

Aesthetics is an important feature that enhances the recreational experience. Lands around Millwood Lake provide a natural setting that is aesthetically pleasing as well as buffering the lake from views of development and clearings.

Under the No-Action Alternative the visual character of the landscape would slowly change due to potential continued development increasing the amount of land with views of development and human structures. This would increase the amount of visual contrast between the natural and developed landscapes around the lake. Visual contrast is a measure of impact on visual quality and aesthetics. Dock development would eliminate the unspoiled and untamed aesthetic of this landscape. Road and utility line corridors also impact aesthetics and visual resources at Millwood. Since the lake is partially surrounded by pockets of residential and commercial development, these demands would continue to increase. In many instances, requests for new shoreline use permits are in areas where the natural vegetation and landscape would be disturbed.

5.12.2 Selected (Alternative 2)

The wide, open area of Millwood Lake and the nearby timbered coves and shore conveys a sense of tranquility to the lake, and the conversion of an additional 3.8 miles of shoreline to Protected and Prohibited lands, from LDA and PRA lands, would continue to preserve the sense of relatively pristine shoreline. The natural vegetation along the shoreline would enhance the aesthetic beauty for the people recreating on the lake, while potentially impeding the view of the lake from the

shore. Under this proposed alternative, property owners could work with Corps staff to determine the appropriate vegetation management measures for their specific property location adjacent to the shoreline of the lake.

5.13 Cumulative Impacts

Cumulative impacts are those that may result from the incremental impact of the evaluated alternatives added to those of other past, present, or reasonably foreseeable future actions in the local area. The Shoreline Management Plan for Millwood Lake was last approved in 2012. During that time, public use patterns have remained similar, but trends, facility and service demands have shifted in the past nine years due to the need for alternative experiences in recreation and tourism. Between 2005 and 2019, annual average visitation was 386,000. In 2019, roughly 215,000 people visited Millwood Lake. Though visitation was slightly down compared to previous years, visitors still spent \$7.4 million in local economies within 30 miles of the lake. Millwood Lake receives pressure for both private shoreline and public recreation use, resulting in management concerns regarding the overall sustainability of the lake. With public use at project facilities changing, reallocations of services at these facilities need to be addressed. Changes involving recreation area closures and improvements have occurred during the last two decades to meet the evolving public use. In addition, cooperative agreements are being considered in order to operate and maintain facilities, which would reduce the financial burden on the tax paying public.

Two main themes came out of the scoping process, which was a cumulative exercise involving private and public entities, and local, state, and federal agencies—improving fishing and fish habitat and increasing lake depth. Preservation of the natural shoreline and controlling development would enhance fish habitat in the lake. Lake sedimentation, from watershed erosion, impact the local fisheries as well as introducing nutrients that feed the enlarging mats of aquatic vegetation that plague Millwood Lake. The elevated turbidity levels are due to excessive silt from surface erosion from agriculture activities, unpaved road surfaces, in-stream erosion – mainly from unstable stream banks, and any other land surface disturbing activity. Wave action from wind and boating also resuspend sediments, which tends to keep the water turbid.

Existing conditions at the lake allow for some degree of development on 6.8% of available shoreline mileage, but it should be noted that reallocation of lands under the Selected Alternative would enhance water quality by reducing LDA and PRA lands, which potentially reduces development, and by increasing the amount of Protected and Prohibited lands more of the natural shoreline vegetation would be protected. Approximately 92.8% of the shoreline would have a natural vegetated composition due to these land reallocations identified in the Selected Alternative. There would be insignificant impacts to climate, topography, geology, and soils under this alternative. The aquatic environment of the lake should benefit from a potential reduction in storm water runoff velocity, reduced sedimentation, improved water quality, and a cleaner substrate for macroinvertebrate production and fish spawning activity. This alternative would also enhance wildlife foraging and movement patterns, offer more protection for threatened and endangered species that inhabit the area, and result in minimal impacts to cultural resources. A provision for additional potential development opportunities coupled with an abundance of lands remaining in their natural condition would balance and enhance recreational experiences, which would potentially stimulate the socio-economics of the area. This balanced approach should provide a safe and aesthetically pleasing recreational experience for the public that visits and/or lives at Millwood Lake.

Continued collaboration and coordination with state and federal resource agencies, as well as local

agencies and watershed groups, is necessary to monitor, evaluate and remediate aging infrastructure, failing septic systems around the shoreline, and potential water quality impacts. Coordination with these entities could also evaluate and promote watershed enhancement programs that would serve to institute stream bank stabilization, land improvement and conservation programs, and implementation of best management practices to reduce watershed runoff and erosion.

As management of Millwood Lake ensues, the Corps would continue to coordinate with Federal, State, and local agencies to avoid, minimize or mitigate potential impacts.

6. ENVIRONMENTAL COMPLIANCE

Compliance with Federal Acts and Executive Orders are summarized in the following table.

Table 6-1 Federal Act/Executive Order Compliance

| Act/Executive Order | Status | Compliance |
|---|-----------|------------|
| Wetlands (EO 11990) | No effect | C |
| Prime/Unique Farmlands | N/A | N/A |
| Floodplain Management (EO 11988) | N/A | N/A |
| Clean Water Act | | |
| Section 404 | No effect | N/A |
| Section 401 | No effect | N/A |
| NPDES | No effect | N/A |
| Fish and Wildlife Coordination Act | No effect | C |
| Endangered Species Act | No effect | C |
| National Historic Preservation Act | No effect | C |
| Environmental Justice (EO 12898) | No effect | C |
| Clean Air Act | No effect | C |
| Comprehensive Environmental Response Compensation and Liability Act (CERCLA) | N/A | N/A |
| Resource Conservation and Recovery Act (RCRA) | N/A | N/A |
| Wild and Scenic Rivers Act | N/A | N/A |
| Rivers and Harbors Act | N/A | N/A |
| N/A—not applicable C--Compliant | | |

6.1 Fish and Wildlife Coordination Act

The Corps is required to coordinate with the USFWS and AGFC under the Fish and Wildlife Coordination Act (FWCA) (48 Stat. 401, as amended; 16 USC 661 et. seq.). Coordination was initiated with a scoping notice; no concerns were raised by these agencies. Review of the Environmental Assessment will be completed during the draft release.

6.2 Endangered Species Act

The Endangered Species Act (ESA) requires the determination of possible effects on species or degradation of habitat critical to Federally-listed endangered or threatened species. Implementation of an updated Shoreline Management Plan is not likely to affect threatened or endangered species. Individual requests for use of project lands would be evaluated to ensure compliance with this Act.

6.3 Environmental Justice

Executive Order 12898, *Federal Actions to Address Environmental Justice in Minority Populations and Low Income Populations* requires Federal agencies to promote “nondiscrimination in Federal programs substantially affecting human health and environment”. In response to this directive, Federal Agencies must identify and

address a disproportionately high and adverse human health and environmental effects of their programs, policies, and activities on minority and low-income populations. The final step in the environmental justice evaluation process is to evaluate the impact of the project on the population and to ascertain whether target populations are affected more adversely than other residents.

Implementing the Shoreline Management Plan Revision would not disproportionately affect minority or low-income populations.

6.4 Cultural Resource Requirement

Section 106 of the National Historic Preservation Act of 1966 requires the Corps to identify historic properties affected by the Selected Alternative and to evaluate the eligibility of those properties for the National Register of Historic Places. Section 110 of the Act requires the Corps to assume responsibility for the preservation of historic properties in its ownership. The Act also requires Federal agencies to provide the Advisory Council on Historic Preservation an opportunity to comment on undertakings through the process outlined in the Council's regulations (36 CFR 800).

There would be no effect on cultural resources with implementation of an updated Shoreline Management Plan. Individual requests for use of project lands would be evaluated on a case-by-case basis to ensure compliance with this act.

7. Scoping and Public Concern

7.1 Introduction

No single agency has complete oversight of stewardship activities on the public lands and waters surrounding Millwood Lake. Responsibility for natural resource and recreation management falls to several agencies that own or have jurisdiction over these public lands and waters.

Increasingly, competition for the use of these lands and waters and their natural resources can create conflicts and concerns among stakeholders. The need to coordinate a cooperative approach to protect and sustain these resources is compelling. Many opportunities exist to increase the effectiveness of Federal programs through collaboration among agencies and to facilitate the process of partnering between government and non-government agencies.

To sustain healthy and productive public lands and water with the most efficient approach requires individuals and organizations to recognize their unique ability to contribute to commonly held goals. The key to progress is building on the strengths of each sector, achieving goals collectively that could not be reasonably achieved individually. Given the inter-jurisdictional nature of Millwood Lake, partnering opportunities exist and can promote the leveraging of limited financial and human resources. Partnering and identification of innovative approaches to deliver justified levels of service defuse polarization among interest groups, and lead to a common understanding and appreciation of individual roles, priorities, and responsibilities.

To the extent practical, this Shoreline Management Plan and a proactive approach to partnering would position Millwood Lake to aggressively leverage project financial capability and human resources in order to identify and satisfy customer expectations, protect and sustain natural and cultural resources and recreational infrastructure, and programmatically bring Corps management efforts and outputs up to a justified level of service. Public involvement and extensive coordination within the Corps of Engineers and with other affected agencies and organizations is a critical feature required in developing or revising a Project Shoreline Management Plan.

Agency and public involvement and coordination have been a key element in every phase of the Millwood Lake Shoreline Management Plan revision.

7.2 Scoping

In accordance with NEPA and ER 200-2-2, USACE initiated the environmental compliance and review process for the Millwood Lake MP and SMP revision project. An EA will be prepared to identify potential direct, indirect, and cumulative impacts related to implementation of the MP and SMP. The process of determining the scope, focus, and content of a NEPA document is known as “scoping” and this occurs at the start of the process. Scoping is a useful tool to obtain information from the public and governmental agencies in order to help set the parameters of issues to focus on and analyze.

In March of 2020, a global coronavirus pandemic (COVID-19) was declared. This prompted a lot of changes in the workforce, including USACE implementing telework schedules to keep employees safe and social distanced. In addition, and due to the evolving Federal, State, and Local policies designed to address the spread of COVID-19, the project delivery team (PDT) determined that no in-person agency or public scoping workshops would occur until the threat of the virus subsided. As an alternative, the Millwood Master Plan and Shoreline Management Plan Revision website was created to be the primary source of information during this time. Website information was provided through various sources, such as notification postcards, news releases, agency scoping letters, and media outreach, for individuals to visit the project website to find out more information about the process to update the Master Plan and Shoreline Management Plan of Millwood Lake; to solicit comments for Scoping; and to communicate to the public of the reason behind changing the traditional USACE scoping process in response to the global pandemic. As part of the initial phase of the environmental process, an extended public scoping comment period was held between November 16, 2020, and December 31, 2020, to gather agency and public comments on the MP and SMP revision process and issues that should be examined as part of the environmental analysis. The extension on the comment period was one response to the change in the traditional USACE scoping process due to the pandemic.

In particular, the scoping process was used as an opportunity to get input from the public and agencies about the vision for the MP and SMP update and the issues that the MP and SMP should address. When people visited the Millwood Lake Master Plan update website, they were encouraged to provide input by completing a comment form that asked for responses to specific questions in addition to soliciting for general comments about the plan and the environmental review. The questions included:

- How would you like to see Millwood Lake in 20 years?
- What changes, if any, would you like to see at the lake?
- What about Millwood Lake is most important to you?
- What about Millwood Lake is least important to you?
- Please provide your comments and suggestions on items to update the Millwood Lake SMP.
- Additional Comments on the MP or SMP revision or about issues that should be studied?

USACE published notice of the scoping period through an email blast, a direct mail postcard, press releases, and agency notification letters. The postcard notice and email blast were sent to landowners adjacent to USACE-owned lands around the lake, holders of fishing permits purchased in Arkansas who's listed zip code is within 7 miles of Millwood Lake, dock permit holders, dock builders, timber buyers, and those who held reservations to camp at Millwood Lake campgrounds within the 2019 recreational season. Postcards were sent to those for whom only a postal address was available; all others received the email blast. Agency coordination letters were sent to potentially interested agencies. A letter was sent on November 10, 2020, to 19 agencies providing notification of the upcoming agency scoping comment period and links to the project website where more information could be found.

A project website, <https://www.swl.usace.army.mil/Missions/Planning/Millwood-Lake-Master-Plan-Revision/>, was developed for both the MP and SMP revision project. The site included

information about Millwood Lake, the MP and SMP revision process, and the scoping process. Information on the scoping process included, how to submit comments and who to contact for more information. Between November 16, and December 31, 2020, 126 people visited the project website.

7.3 Draft Master Plan-Shoreline Management Plan/Draft Environmental Assessments

The Draft Shoreline Management Plan and Draft Environmental Assessment were released to the public on October 21, 2021, in conjunction with the Master Plan and its associated Environmental Assessment.

As part of the draft plans release phase of the environmental process, a 45-day comment period was held from October 21 to December 6, 2021, and a 30-day comment period for agencies was held from January 10 to February 8, 2022. During the agency comment period, USACE was notified of additional tribal and agency interests that were not included as part of the initial agency notification. Therefore, a third comment period was held between February 15 and March 16, 2022, to allow these agencies an opportunity to provide input. A fourth and final comment period was held between April 12 and May 11, 2022, that included all identified public, agency and tribal government stakeholders.

A workshop was held on November 4th, 15 days after the draft plans were released to gather comments on the draft revised MP, SMP, and the associated draft EAs. The workshop also gave the public an opportunity to learn about the alternatives and provide input on the draft SMP, MP and EAs. Further detail on the draft release of the Millwood Lake Shoreline Management Plan and Master Plan may be found in the Draft Release Comments Report, appendix B of this document.

7.4 Final Shoreline Management Plan/Final EA.

The final Millwood Shoreline Management Plan was completed in June 2022. The final Millwood Lake Master Plan, Shoreline Management Plan, and associated environmental assessments are to be posted on the Millwood Lake Master Plan and Shoreline Management Plan revision website once signed by the District Engineer and any questions that occur as a result of the final Shoreline Management Plan release shall be directed to the Millwood Lake Project Office staff.

8. Conclusions

The Shoreline Management Plan for Millwood Lake was last approved in 2012. Since that time, public use patterns have remained similar, but trends, facility and service demands have shifted in the past nine years due to the need for alternative experiences in recreation and tourism. While visitation to the lake has varied in numbers through the last nine years, the demand for high quality recreational experiences will continue. Millwood Lake receives pressure for both private shoreline and public recreation use, resulting in management concerns regarding the overall sustainability of the lake. With public use at project facilities changing, reallocations of services at these facilities need to be addressed. Changes involving recreation area closures and improvements have occurred during the last four decades to meet the evolving public use. In addition, cooperative agreements are being considered in order to operate and maintain facilities, which would reduce the financial burden on the tax paying public.

The Shoreline Management Plan is not intended to address the specifics of regional water quality or water level management; these areas are covered in a project's water management plan. However, specific issues identified through the Shoreline Management Plan revision process can still be communicated and coordinated with the appropriate internal Corps resource (e.g. Operations for shoreline management) or external resource agency (e.g. Arkansas Game and Fish Commission for fisheries management and Arkansas Dept. of Energy and Environment for water quality) responsible for that specific area. To facilitate this action, the current Shoreline Management Plan development evaluated two alternatives relative to their potential impacts on the land and water resources of Millwood Lake.

These alternatives spanned the gamut of increased shoreline protection to increased shoreline development and the potential effects on the human, terrestrial, and aquatic environment from their implementation. A no action alternative looked at leaving the lake as it currently exists in terms of developable areas and protected areas. Of the 443.3 miles of shoreline available land around the lake, 6.8% of this is allocated as Limited Development Area and Public Recreation Area lands, which would allow some potential future development.

The action alternative (Selected Alternative) would reduce the LDA by 2.9 shoreline miles, and the PRA by 0.9 miles, resulting in 6% of the shoreline allocated to these lands. The remainder of the shoreline would be allocated to Protected Area lands (92.8%) and Prohibited Area lands (1.2%). These allocations would leave the majority of the available shoreline acreage as preservation areas. Potential effects from this would be decreased vegetation removal and a reduction in soil erosion due to the reallocation of lands previously included as LDA and PRA lands, which had the potential for construction and conversion of pervious surfaces to impervious. This construction activity is generally detrimental to water quality and terrestrial and aquatic wildlife species. Development has the potential to increase the number of boats on the lake, increased health and safety issues, aesthetic impacts, and impaired recreational experiences for many visitors. The Selected Alternative would preserve more shoreline vegetation, reduce stormwater runoff quantity and velocity, resulting in less in-lake sedimentation and turbidity, and improve water quality. This alternative seeks to balance all components of lake usage, including the provision for growth and recreation potential, while protecting and preserving terrestrial and aquatic resources.

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Appendix A

Millwood Lake Master Plan and Shoreline Management Plan Scoping Report

Millwood Lake Master Plan Revision Scoping Report

U.S. Army Corps of Engineers



March 2021

Millwood Lake Master Plan Revision

Scoping Report

March 2021

Prepared by:

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Acronyms

| | |
|------|--|
| ADA | Americans with Disabilities Act |
| CEQ | Council on Environmental Quality |
| CFR | Code of Federal Regulations |
| EA | Environmental Assessment |
| EIS | Environmental Impact Statement |
| EP | Engineer Pamphlet |
| ER | Engineer Regulation |
| MP | Master Plan |
| NEPA | National Environmental Policy Act |
| NRRS | National Recreation Reservation Service |
| OMP | Operational Management Plan |
| P.L. | Public Law |
| SMP | Shoreline Management Plan |
| URL | uniform resource locator |

Section 1 - Introduction

1.1 Overview

The United States Army Corps of Engineers (USACE) Little Rock District is proposing to revise the Millwood Lake Master Plan (MP) and Shoreline Management Plan (SMP). The MP guides the management of the government-owned and leased lands around the shoreline of the lake. The MP affects future management of natural resources and recreational opportunities to ensure the sustainability of Millwood Lake. The SMP is a comprehensive plan for managing the shoreline, including effects of human activities on the shoreline.

The MP is the guidance document that describes how the resources of the lake will be managed in the future and provides the vision for how the lake should look in the future. The MP does not address the details of how and where shoreline use permits may be issued. After the MP is revised and when funding becomes available, the Operational Management Plan (OMP) for the lake will be revised to be consistent with the goals identified in the MP and SMP.

The current Millwood Lake MP was developed over 40 years ago, and original estimates of future population and land use do not align with current demographics. The MP revision will re-classify the government lands around the lake based on environmental and socioeconomic considerations, public input, and an evaluation of past, present, and forecasted trends.

Preparation of and periodic revisions of an SMP are mandated by federal regulations found at Title 36 of the Code of Federal Regulations (CFR), Section 327.30, which also contains requirements for an SMP. The SMP regulates activities that may occur along the shoreline such as dock construction, improved access paths to docks, and vegetation management on the government lands and waters. The SMP for Millwood Lake establishes policy and furnishes guidelines for the protection and preservation of the desirable environmental characteristics of the shoreline while maintaining a balance between public and private shoreline uses.

The Millwood Lake SMP was last publicly reviewed and revised in 2006. It was administratively reviewed and revised with minor administrative changes in 2012; however, with an update to the MP, it is important that the SMP be updated to reflect current conditions and the management direction as described in the MP. Updates to the plan are expected to include a review of current management practices of the lake and to take advantage of current technologies.

USACE Engineer Regulation (ER) and Engineer Pamphlet (EP) 1130-2-550 with Change 7 and Change 5, respectively, dated January 30, 2013, establish guidance for developing MPs and OMPs for USACE Civil Works projects. MPs are required for fee-owned lands, in addition to civil works projects, for which USACE has administrative responsibility for management of natural and manmade resources. The primary goals of a

MP are to “prescribe an overall land use management plan, resource objectives, and associated design and management concepts” (EP 1130-2-550). MPs are reviewed every 5 years, and minor changes are made through supplements. A MP that has been excessively supplemented, is out-of-date, or does not serve its intended purpose due to changes in the project should be revised.

USACE will be preparing an environmental assessment (EA) in compliance with the National Environmental Policy Act (NEPA) of 1969 (as amended), the Council on Environmental Quality (CEQ) guidelines (40 Code of Federal Regulations [CFR] Parts 1500-1508), and ER 200-2-2 Procedures for Implementing NEPA. The EA will evaluate the potential environmental effects of the MP and SMP revisions. However, an environmental impact statement (EIS) would be prepared if significant environmental effects are identified during preparation of the EA as a result of the MP and SMP revisions.

1.2 Purpose and Need for Master Plan and Shoreline Management Plan Revisions

The purpose of the project is to review and revise the Millwood Lake MP and SMP. Both plans strive to balance public use of federal lands and waters with the conservation and protection of natural resources for future generations. Updates of the MP and the SMP are needed for the following reasons.

For the MP:

- Ensure accurate land classification and resource protection for future generations.
- The existing plan format and mapping technology is outdated and not compliant with current Master Plan format and technology requirements.
- Current Corps policies/regulations, budget processes, business line performance measures, and priorities are not reflected.
- Customer uses have remained similar, but trends, recreation equipment (i.e. RV size, vessel size, etc.), facility use (amp service, Wi-Fi, etc.), and service demands have shifted since approval of the last master plan in 1974; for example, there has been an increase in visitation, tourism, and adjacent development.
- Demands on fixed resources challenge the existing master plan.
- Partners and stakeholders are engaged with the Corps and seek to increase and sustain benefits provided by the lake.
- Identify issues related to ecosystem stewardship including vegetation and siltation management.

For the SMP:

- Current technology allows for more accurate representation of shoreline allocations.
- Current Corps policies/regulations, budget processes, business line performance measures, and priorities are not reflected.
- Shoreline Management and private development have resulted in environmental and management issues, causing sustainability concerns.
- Partners are increasingly concerned with management of lake resources and impacts to environmental quality.

1.3 Project Area

The Millwood Lake Civil Works project on the Little River is located 16 river miles above its confluence with the Red River, about seven miles east of Ashdown, AR. Millwood Lake was authorized for construction by the Flood Control Act approved 3 July 1958. At conservation pool, the lake has 37,617 acres of land and water with 92 miles of boundary line. The lake provides many recreational opportunities, along with fish and wildlife habitat.

Millwood Lake located in the southwest corner of Arkansas and provides many recreational opportunities. Its 20,000 acres of inundated timber provide exceptional fish habitat for the wide variety of fish. Millwood provides some of the best fishing opportunities and attracts anglers from across the country. Millwood is the natural home to many American alligators that can be spotted in the waters and shorelines of recreation areas. The lake and its surrounding environment make it one of Arkansas's best birding locations. Birders from across the nation come to Millwood to get a glimpse of the over 300 bird species making appearances throughout the year. The U.S. Army Corps of Engineers manages 12 recreation areas around the lake and provides oversight to 4 leased recreation areas: Jack's Isle, Millwood State Park, Patterson Shoals, and Yarborough Landing.

1.4 Purpose of this Report

The following report summarizes the public participation process for, and the public comments resulting from, the Millwood Lake MP and SMP Revision public scoping comment period. "Scoping" is the process of determining the scope, focus, and content of a NEPA document. For a planning process such as the MP and SMP revision, the scoping process was also used as an opportunity to get input from the public and agencies about the vision for the MP update and the issues that the MP should address where possible.

Section 2 - Scoping Process

2.1 Overview

In accordance with NEPA and ER 200-2-2, USACE initiated the environmental compliance and review process for the Millwood Lake MP and SMP revision project. An EA will be prepared to identify potential direct, indirect, and cumulative impacts related to implementation of the MP and SMP. The process of determining the scope, focus, and content of a NEPA document is known as “scoping” and this occurs at the start of the process. Scoping is a useful tool to obtain information from the public and governmental agencies in order to help set the parameters of issues to focus on and analyze.

In March of 2020, a global coronavirus pandemic (COVID-19) was declared. This prompted a lot of changes in the workforce, including USACE implementing telework schedules to keep employees safe and social distanced. In addition, and due to the evolving Federal, State, and Local policies designed to address the spread of COVID-19, the project delivery team (PDT) determined that no in-person agency or public scoping workshops would occur until the threat of the virus subsided. As an alternative, the Millwood Master Plan and Shoreline Management Plan Revision website was created to be the primary source of information during this time. Website information was provided through various sources, such as notification postcards, news releases, agency scoping letters, and media outreach, for individuals to visit the project website to find out more information about the process to update the Master Plan and Shoreline Management Plan of Millwood Lake; to solicit comments for Scoping; and to communicate to the public of the reason behind changing the traditional USACE scoping process in response to the global pandemic. As part of the initial phase of the environmental process, an extended public scoping comment period was held between November 16, 2020, and December 31, 2020, to gather agency and public comments on the MP and SMP revision process and issues that should be examined as part of the environmental analysis. The extension on the comment period was one response to the change in the traditional USACE scoping process due to the pandemic.

In particular, the scoping process was used as an opportunity to get input from the public and agencies about the vision for the MP and SMP update and the issues that the MP and SMP should address. When people visited the Millwood Lake Master Plan update website, they were encouraged to provide input by completing a comment form that asked for responses to specific questions in addition to soliciting for general comments about the plan and the environmental review. The questions included:

- How would you like to see Millwood Lake in 20 years?
- What changes, if any, would you like to see at the lake?
- What about Millwood Lake is most important to you?
- What about Millwood Lake is least important to you?
- Please provide your comments and suggestions on items to update the Millwood Lake SMP.

- Additional Comments on the MP or SMP revision or about issues that should be studied?

USACE published notice of the scoping period through an email blast, a direct mail postcard, press releases, and agency notification letters. The postcard notice and email blast were sent to landowners adjacent to USACE-owned lands around the lake, holders of fishing permits purchased in Arkansas who's listed zip code is within 7 miles of Millwood Lake, dock permit holders, dock builders, timber buyers, and those who held reservations to camp at Millwood Lake campgrounds within the 2019 recreational season. Postcards were sent to those for whom only a postal address was available; all others received the email blast. Agency coordination letters were sent to potentially interested agencies.

2.2 Agency Scoping

Agencies were invited to participate in the scoping process and to provide input on the vision for the Millwood Lake MP and SMP on issues that should be addressed through the environmental assessment. A letter was sent on November 10, 2020, to 19 agencies (Appendix B) providing notification of the upcoming agency scoping comment period and links to the project website where more information could be found.

2.3 Public Scoping

Public scoping is an important element in the process of determining the focus and content of a NEPA document. Scoping helps to identify the range of actions, alternatives, environmental effects, and mitigation measures to be analyzed in depth and helps eliminate from detailed study those issues that are not pertinent to the final decision. Scoping is an effective way to bring together and address the concerns of the public, agencies, and other interested parties.

Notification of the scoping comment period was completed via several forms of media as described further in this section.

Notification Database

USACE maintains a database of stakeholder groups interested in activities around Millwood Lake, which includes dock builders and timber buyers. Other databases maintained by USACE include shoreline use permit holders, and boat slip owners. In addition, USACE developed a list of adjacent property owners based on the databases maintained by the county assessors of the surrounding counties. USACE also compiled a list of parties who had made campground reservations through the Recreation 1 Stop (R1S) reservation system for camping visits at Millwood Lake during the 2019 camping season. Finally, USACE obtained the database of holders of fishing permits purchased

in Arkansas whose listed zip code is within 7 miles of Millwood Lake. These combined databases included 1,154 email addresses and 9,415 postal addresses, to which notification was sent about the public scoping comment period and website information.

2.3.1 Public Notification Activities

Strategies to engage the public to participate in the MP and SMP visioning and environmental review processes included (1) making it easy to participate, (2) providing easy-to-understand information that helps people provide informed scoping comments, and (3) ensuring that stakeholders are aware of the planning process and understand how public input will be used. In addition, and as stated earlier, it was important to USACE to communicate to the public why the traditional scoping process had changed during the pandemic—to protect the public and USACE employees and promote social distancing while still achieving the goal of soliciting for comments during the scoping comment period.

Each notification medium was assigned a unique short Uniform Resource Locator (URL) to direct recipients to the project website for more information. This allowed USACE to track how people heard about the scoping period and the master planning and shoreline Management planning processes and evaluate the effectiveness of various notification methods for future projects.

2.3.1.1 Direct Mail Notification

On November 16, a total of 9,415 postcards were mailed to adjacent property owners, private boat slip owners, stakeholders, and holders of fishing permits purchased in Arkansas whose listed zip code is within 7 miles of Millwood Lake. The distribution of postcard recipients is illustrated in Figure 2-1 by zip code. Of these, 1,237 were classified as invalid addresses.

The postcard notification included information on both the MP and SMP revision process, how to provide comments, the comment period closing date, and the project website address. The direct mail postcard is included in Appendix C. The postcard resulted in 42 visits to the project website during the comment period.

2.3.1.2 E-mail Notification

An e-mail blast was sent on November 16, 2020, to approximately 1,154 email addresses. These emails were sent to adjacent property owners, private boat slip owners, boat dock builders, stakeholders, and those listed on the RIS reservation list for whom valid email addresses were available. The information in the email blast was the same as the information on the postcard notification. The email blast resulted in 26 visits to the project website during the comment period.

2.3.1.3 Project Website

A project website, <https://www.swl.usace.army.mil/Missions/Planning/Millwood-Lake-Master-Plan-Revision/>, was developed for both the MP and SMP revision project. The site included information about Millwood Lake, the MP and SMP revision process, and the scoping process. Information on the scoping process included, how to submit comments and who to contact for more information. Between November 16, and December 31, 2020, 126 people visited the project website.

2.3.1.4 Other Notification Activities

To maximize the coverage of the outreach effort for the scoping period, a media release was sent to local media outlets using the Southwestern Division, Little Rock District, Millwood Media distribution list on November 16, 2020. A copy of the press release is in Appendix C, and copies of the media coverage are in Appendix H.

2.3.1.5 Website Statistics

Each type of media notification (e.g. display ads, postcard, email, etc.) provided a different URL or specific web addresses to the project website. This was done in order to gather information on how people found out about and accessed the project website. The following is a list of the number of people who accessed the website organized by the media notification web address used. In total, the specific project web addresses were used 1,410 times.

- 2.3.1.5.1 First news release and newspaper display ads: 32
- 2.3.1.5.2 Fact Sheet: 5
- 2.3.1.5.3 Email blast: 26
- 2.3.1.5.4 Postcard notification: 42
- 2.3.1.5.5 Agency letter: 12
- 2.3.1.5.6 Comment cards: 6

2.4 Comments Received

The public scoping comment period was from November 16 to December 31, 2020, which provided a 45-day comment period. All interested people were provided opportunities to submit comments on the public website comment form as well as via email, fax, or mail.

In total, approximately 42 comment submittals (letters, emails, comment cards, or oral comments) from members of the public and 3 comment submittals from agencies were received by the end of the comment period. Copies of all the public comments submitted during the comment period are included in Appendix E. Copies of agency submittals are included in Appendix F.

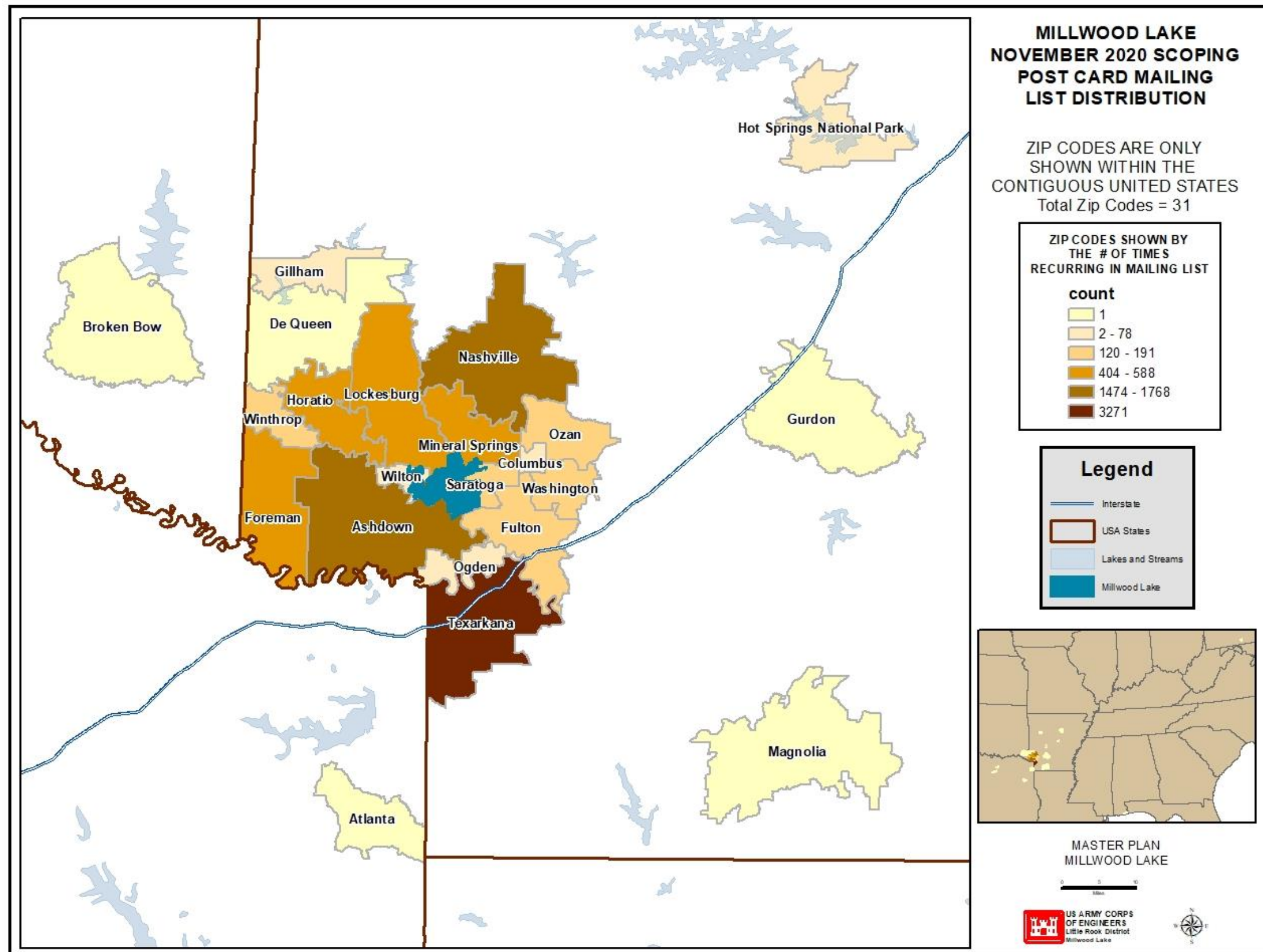


Figure 2-1. Distribution of Postcard Notification by Zip Code

Section 3 - Summary of Scoping Comments

3.1 Introduction

USACE accepted comments on the Millwood Lake MP Revision throughout the entire scoping period from November 16 through December 31, 2020. Agencies, community groups, members of the public, elected officials, and other interested parties submitted 45 letters, e-mails, and comment cards during this period. The summary table (Table 3-1) provides a tally of the topics discussed in the comments.

It should be noted that the combined numbers of comments listed in the following subsections and the summary table will be greater than the total number of comment submissions because most people discussed multiple topics in their submission. Topics covered in the comments included general comments about the plan and the environmental review as well as answers to the following questions:

- How would you like to see Millwood Lake in 20 years?
What Changes, if any, would you like to see at the lake?
- What about Millwood Lake is most important to you?
- What is least important to you?
- Please provide your comments and suggestions on items to update the Millwood Lake SMP.
- Additional Comments on the MP or SMP revision or about issues that should be studied?

This section contains a summary of comments received during the scoping period. The actual comments may be found in Appendices E and F.

3.2 Summary of Comments

All comments were reviewed and categorized. The full text of each comment is included in Appendices E (public comments) and F (agency comments).

Table 3-1 provides a summary of the comments received during the scoping comment period. While this table does not include every comment received, it provides a general summary of the topics most frequently submitted during the comment period. A more detailed overview of comments follows in Sections 3.3 through 3.9. Several comments were not related to the plan or the environmental review, and these are included in the summary of additional comments in Section 3.7. The full text of all written comments submitted by members of the public or stakeholder organizations is provided in Appendix E. Agency comments are included in Appendix F.

Table 3-1. Summary of Comments Received

| How would you like to see Millwood Lake in 20 years? | |
|--|--|
| <ul style="list-style-type: none"> ▪ Lake Elevation (20) ▪ Improve Fishing/Habitat/Species (14) ▪ Increase Vegetation Management (12) ▪ Dredge the Lake (7) ▪ Increase Hiking/Multi-use Trails (1) ▪ Campgrounds/Camping (1) ▪ Improvements to Recreation Areas (3) | <ul style="list-style-type: none"> ▪ No Changes (Same as Today/Preserved) (2) ▪ Family Friendly (1) ▪ More Shoreline/Erosion Protection (1) ▪ Additional Marinas (1) ▪ Increase Collaboration with Residents (1) ▪ More ADA Facilities/Areas (1) |
| What Changes, if any, would you like to see at the lake? | |
| <ul style="list-style-type: none"> ▪ Fishing (15) ▪ Improve Navigation/Hazard Buoys (10) ▪ Accessibility - Boat Ramps/Campgrounds (3) | <ul style="list-style-type: none"> ▪ Facility Improvements (2) ▪ Additional Marina (1) |
| What is most important to you? | |
| <ul style="list-style-type: none"> ▪ Fishing (25) ▪ Camping (4) ▪ Natural Beauty/Pristine/ Peaceful (2) ▪ Clean Water/Water Quality (2) | <ul style="list-style-type: none"> ▪ Public accessibility Ramps/ Campgrounds (1) ▪ Boating (1) ▪ Improve Access to Lake/Docks (1) ▪ Hunting (1) |
| What is Least Important to you? | |
| <ul style="list-style-type: none"> ▪ Hunting (3) ▪ Camping/Campgrounds (1) | <ul style="list-style-type: none"> ▪ Restrictions on Shoreline Maintenance (1) |
| Comment Suggestions for the SMP update | |
| <ul style="list-style-type: none"> ▪ Improve vegetation for Spawning (4) ▪ Remove Invasive Plant Species (2) | <ul style="list-style-type: none"> ▪ Erosion Control (2) ▪ More Boat Docks/Marinas (2) |
| Additional Comments | |
| <ul style="list-style-type: none"> ▪ Re-open Closed Areas (3) ▪ More Access Points (2) ▪ More Shoreline/ Erosion Protection (1) ▪ Natural Beauty/ Pristine/Peaceful (1) | <ul style="list-style-type: none"> ▪ Improve Access to the Lake/Dock (1) ▪ Fishing (1) ▪ Remove Invasive Species (1) ▪ Increase Wildlife Management Areas (1) |

3.3 Comments Related to Questions 1 and 2:

How Would You Like to See Millwood Lake in 20 Years and What Changes Would You Like to See at the Lake?

The most frequent response to Question 1 was that people want to see improved lake level management on Millwood Lake over the next 20 years (Table 3-1). 20 respondents commented on either raising or lowering the elevation in conjunction with an emphasis on improving fishing habitat/and or species (14 respondents). 15 respondents indicated that they would like to see management practices focus on fishing on Millwood. Another common response was to increase vegetation management on Millwood (12 respondents). This response was also mentioned in relation to the lake elevation changes. In addition, 10 respondents indicated a need for improved navigation buoys on the river channel and hazard buoys on the Lake. A total of seven respondents mentioned they would like to see dredging around the lake. It is important to note lake elevation concern is not within the scope of the Master Plan or Shoreline Management Plan, but instead is within the intent of the Water Control Plan. This scoping report will not address water/lake levels, nor will the MP, SMP, or accompanying EA.

3.4 Comments Related to Question 3:

What About Millwood Lake is Most Important to You?

The top response to what is most important about the lake was fishing on Millwood Lake (Table 3-1). There was a total of 25 respondents indicating this interest. The second most common response to this question was camping with four respondents indicating this as a priority. Of the comments, there were two respondents who indicated that clean water and water quality were most important to them and two respondents said that the natural beauty and peacefulness of Millwood Lake is most important to them.

3.5 Comments Related to Question 4:

What about Millwood Lake is Least Important to You?

The most frequent response to what is least important about the lake included hunting (three comments) followed by one response for camping and campgrounds and one response for shoreline maintenance (Table 3-1). Most of these responses were from people who desired the primary focus for Millwood to be on fishing and increasing fishing habitat on Millwood Lake. It is important to note that this question received fewer responses than any other question on the comment form.

3.6 Comments Related to Question 5

Comment Suggestions for the SMP Update.

Comments provided in this section are consistent with responses provided in the first three questions. The most common suggestion for this section includes four comments to improve vegetation for fish spawning to increase the fishing population on Millwood Lake. Additionally, two respondents would like to see more invasive species removed from the lake. This response coincides with how people would like to see the lake in 20 years with improved fishing/habitat/species and increased vegetation management.

3.7 Additional Comments – Question 6:

Comments contained in letters or emails that did not directly relate to Questions 1, 2, 3, or 4 are summarized in this section. Many commenters provided most of their input into the first two question dialog boxes on the online comment form which at times included specific requests and did not conform to the typical responses. The two most common responses in this section include suggestions to reopen previously closed areas (three comments), and two comments requesting more access points around the lake.

There were also several comments regarding specific areas around the lake throughout the comment form. The number of times a comment was raised by a different respondent is noted in parenthesis.

- Install steps to river downstream from the spillway parking lot
- Improve ramps and ADA fishing piers: Saratoga, Beard's Bluff Park
- Implement erosion control methods around Saratoga landing
- Repair Pier at Yarborough Landing
- Dredge around boat ramps including Saratoga
- Install boat run from Yarborough landing to the main lake
- Sand Yarborough Landing to prevent slipping
- Repair boat ramps at Paraloma, Beard's Bluff, and Saratoga (2)
- Install dock at Cottonshed
- Reopen Paraloma recreation area
- Grade East Run Road by the River
- Install buoys or poles along the Little River (2)
- Repair damaged telephone markers around Highline to the Little Gas Line boat lanes.
- Phone Service near Whites Cliffs
- Weigh-in fish facility at Yarborough Landing similar to Pendleton ramp.

3.8 Agency Comments

Three agencies submitted comments during the scoping period. The official agency letters and emails are included in Appendix F. Agencies that commented during the comment period included:

- Arkansas Department of Environmental Quality
- FEMA – Region 6
- U.S. Fish and Wildlife Service

Common input at this stage in the review provided general topics to be mindful of during the update process. All responding agencies requested to continue to be informed throughout the update process and indicated their interest in reviewing a draft document before it goes out for final review and approval.

Agency comments are summarized in this section. The full text of the agency comments is available in Appendix F. Comments not covered in earlier sections or regarding specific areas of the lake include:

- Recommendation USACE take all necessary steps to prevent or minimize erosion of materials and soils into surface waters. (ADEQ)
- Proposed Activities should include measures to protect both the water quality and designated use of the waterways. (ADEQ)
- Ensure coordination with local floodplain administrator and gather the proper floodplain permits prior to work. (FEMA)
- Any proposed changes that would modify the release volumes and schedules or change the existing inundation in upstream tributaries would need to account for possible affects to listed species. (USFWS)
- Lake management modifications that would result in negative or positive effects to federally listed or threatened or endangered species should be in consultation with the U.S. Fish and Wildlife Service Per SEC 7 of the Endangered Species Act. (USFWS)

Section 4 Next Steps: MP & SMP Revision Process

The purpose of scoping is to provide an opportunity for agencies and the public to comment on the purpose and need, the range of alternatives proposed for analysis, and to help the project proponent identify issues that should be evaluated in the NEPA document. USACE also used the public scoping process as an opportunity to gain feedback from the public regarding the scope of the MP and SMP revision.

4.1 Next Steps

The six questions were designed to help USACE elicit input not only on elements of the NEPA process but also on topics of interest to the public and agencies that may be revised or updated in the new MP or SMP. USACE will continue to work closely with the public, agencies, and stakeholder groups to address issues identified through scoping as the draft MP and SMP are developed and evaluated. An EA will be prepared to evaluate potential impacts from changes in both the MP and SMP. However, an EIS would be prepared if significant environmental effects are identified during preparation of the EA as a result of the MP or SMP revisions. The draft MP, draft SMP, and the EA will be made available for review and comment. It is anticipated that this public review would occur in the summer of 2021.

Individual responses to comments provided during scoping are not developed; rather, the draft MP and SMP revisions that will be provided for review and comment will address comments received in a global manner. Where consistent with the purpose of a MP and SMP and where possible under the planning mechanisms available for a MP and SMP, USACE will incorporate the feedback and suggestions provided through the scoping comments.

4.2 Comments Related to Question 1 & 2

Question 1 *“How would you like to see Millwood Lake in 20 years?”* and question 2 *“What changes, if any, would you like to see at the lake?”* provides direction to USACE on both the MP and SMP vision and on issues of concern to lake users and stakeholders that should be evaluated through the NEPA process. Continued focus on fishing, improving fish habitat, vegetation management, navigation/ hazard buoys, siltation, and improving recreational areas ranked highly among the concerns raised in response to this two-part question. These resource categories will be addressed in the draft MP and SMP revisions, and potential impacts to these resource categories will be evaluated in the NEPA document.

4.3 Comments Related to Questions 3 and 4

Question 3 “*What about Millwood Lake is most important to you?*” and Question 4 “*What is least important to you?*” invited respondents to prioritize issues, features, or qualities of the lake experience that were important. This question provides insight both into issues that should be addressed in the MP and SMP revisions and that should be evaluated in the NEPA document. Top concerns were related to fishing, camping, and natural beauty, and peacefulness of the lake. The top concern related to what was least important was hunting.

4.4 Comments Related to Question 5

Question 4 “*Additional comments on the Master Plan revision or about issues that should be studied?*” helps USACE identify additional priorities for action, whether through the MP revision or other means. It is important to note that much of the input on the comment cards were provided within the first two question blocks on the online comment form. Input that was provided in this section included a heavy focus on fishing and improving fishing habitat through better vegetation management practices, dredging due to heavy siltation, reopening closed recreational areas, and areas to access Millwood Lake were topics people would like to be taken into consideration.

Appendices

| | |
|-------------------|--|
| <i>Appendix A</i> | Agencies and Organizations Notified of Scoping |
| <i>Appendix B</i> | Agency Notification |
| <i>Appendix C</i> | Notification Materials |
| | Direct Mail |
| | Postcard |
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| | Scoping Fact |
| | Sheet Comment Card |
| <i>Appendix E</i> | Public Scoping Comments |
| <i>Appendix F</i> | Agency Scoping Comments |
| <i>Appendix G</i> | Media Coverage |

Appendix A

Agencies and Organizations Notified of Scoping

Agencies

- Arkansas Forestry Commission, Assistant State Forester
- Arkansas Game and Fish Commission, Director
- Arkansas Natural Heritage Commission, Director
- Arkansas Historic Preservation Program, Director
- Arkansas Natural Resources Commission, Executive Director
- Arkansas Department of Parks and Tourism, Director
- Arkansas Department of Energy and Environment, Secretary
- Cultural & Historic Preservation Office, Director Environmental Protection Agency, Region 6 Environmental Review Coordinator
- Department of finance and Administration, Arkansas State Clearing House
- Environmental Protection Agency, Region 6 NEPA Specialist
- FEMA, Region 6 Administrator
- Shawnee Tribe
- The Nature Conservancy, State Director
- Tribal Historic Preservation Office, The Osage Nation, Director
- Tribal Historic Preservation Office, The Quapaw Tribe of Indians
- Tribal Historic Preservation Office, Cherokee Nation, Special Projects Officer,
- U.S. Department of Agriculture, Natural Resources Conservation Service, State Conservationist
- U.S. Fish and Wildlife Service, Regional Director
- U.S. Fish and Wildlife Service, Arkansas Field Office, Field Supervisor
- U.S. Geological Survey, Southeast Region Hydrologist
- U.S. Department of the Interior, Office of Environmental Policy and Compliance, Regional Environmental Officer
- U.S. Department of the Interior, Office of Environmental Policy and Compliance, Program Analyst

Organizations

Dock Builders

- Williamson Boat Docks Inc.
- Super Duty Docks & Lifts
- Deck, Docks & More Inc.
- Larry Diggs Construction Inc.
- Justin Simmons Construction LLC

Timber Buyers

- Domtar Ind.
- Weyerhaeuser
- Little River Hardwoods
- Millwood Corporation
- Hess Lumber Company Lovewell Timber Harvest
- Huber Engineered Woods LLC
- International Paper
- Magnolia Pulpwood Company
- Anthony Timberlands
- Prescott Land and Timber Co.

Appendix B

Agency Notification



DEPARTMENT OF THE ARMY
LITTLE ROCK DISTRICT, CORPS OF ENGINEERS
POST OFFICE BOX 867
LITTLE ROCK, ARKANSAS 72203-0867
www.swl.usace.army.mil/

November 10, 2020

CESWL-PM

Ms. Nekole Allogood
Director
Deleware Nation
Cultural & Historic Preservation Office
P.O. Box 825
Anadarko, OK 73005

Dear Ms. Allogood:

The U.S. Army Corps of Engineers (USACE), Little Rock District, is revising the Millwood Lake Master Plan, last updated in 1964, and the Shoreline Management Plan, which was last updated in 2012. Pursuant to the National Environmental Policy Act (NEPA) of 1969 (P.L. 91-190) Environmental Assessments (EA) of potential impacts of both draft plans will also be prepared. Your agency is invited to provide comments and input to assist USACE with development of the Master Plan and the Shoreline Management Plan, and with preparation of the EA's under NEPA.

The Master Plan guides the management of government-owned and leased lands around the lake. Decisions about land use classifications in the Master Plan may affect future management of natural resources and recreational opportunities. The purpose of the update is to bring the Master Plan into compliance with current USACE policies and regulations, identify usage trends and customer needs, and balance shoreline uses with natural resource management. Updates to the plan are expected to reflect current and anticipated development around the lake and to take advantage of current technologies.

The Shoreline Management Plan establishes policy and furnishes guidelines for the protection and preservation of the desirable environmental characteristics of the shoreline while maintaining a balance between public and private shoreline uses. The Shoreline Management Plan main objectives are to manage and protect the shoreline, to establish and maintain acceptable fish and wildlife habitat, aesthetic quality and natural environment conditions and to promote the safe and healthful use of the lake and shoreline for recreational purposes by all Americans. Updates to the plan are expected to review current management practices of the lake and to take advantage of current technologies.

Your agency has been identified by the USACE as one that may have an interest in this project. The land classifications established through the Master Plan may have important implications for surrounding residential communities, businesses, parks, and natural areas. The private use of government owned and leased lands established through the updated Shoreline Management Plan may have important implications for surrounding residential communities, businesses, parks, and natural areas. As a result, USACE is requesting your input and agency's expertise to assist in the development of the updated Master and Shoreline

Management Plans and the preparation of Environmental Assessments as required by NEPA and the USACE Engineer Regulation ER 200-2-2 "Procedures for Implementing NEPA".

Input from the agencies and the general public will help define the needed revisions to both draft plans, which is scheduled for public review in the summer of 2021.

Due to the evolving Federal, State, and Local policies designed to address the spread of COVID-19, the Corps will not hold our traditional public and agency Scoping workshops. We invite you to visit our website, <https://go.usa.gov/x7Wns>, to provide comments/suggestions for the Master and Shoreline Management Plan updates.

The planning process will include an analysis of potential effects on the natural and social environment, including fish and wildlife, recreational opportunities, economics, land use, cultural and historic resources, aesthetics, and public health and safety. USACE is involving agencies and the public in the planning process for both the Master and Shoreline Management Plan updates and the NEPA analysis.

In addition to providing comments/suggestions to the above website, your agency may also submit comments via mail, email, or fax with attention to: USACE, Little Rock District, ATTN: NRM Planner, P.O. Box 867, Little Rock, AR 72203, Fax: (501) 324-6230, Email: CESWL-MillwoodLakeMPandSMPRevision@usace.army.mil, Website: <https://go.usa.gov/x7Wns>. Written comments must be postmarked, e-mailed, faxed, or otherwise submitted by 31 December 2020. If we do not hear from you within this time period, we will assume your agency has no comments at this time.

If you have any questions regarding this process please contact Dana Coburn, Project Manager, at (501) 324-5601 or via email at dana.o.coburn@usace.army.mil

Sincerely,

Dana Coburn
Project Manager
Programs and Project
Management Division

Appendix C

Notification Materials

- Direct Mail Postcard
- Email Blast
- Press Releases

Millwood Lake Master Plan and Shoreline Management Plan Update



PUBLIC SCOPING NOTIFICATION

The Army Corps of Engineers, Little Rock District, is updating the Millwood Lake Master Plan (MP) and Shoreline Management Plan (SMP). The MP guides the classification and management of public lands around the lake and influences future recreational opportunities and natural resource management.

The SMP establishes policy and furnishes guidelines for the protection and preservation of the environmental characteristics of the shoreline, while maintaining a balance between public and private shoreline use.

Pursuant to the National Environmental Policy Act (NEPA), an Environmental Assessment of potential impacts of both draft plans will also be prepared.

IMPORTANT COVID-19 UPDATE: Due to the evolving Federal, State, and Local policies designed to address the spread of COVID-19, the Corps will not hold our traditional public workshops at this time. We invite you to visit our website, address provided below, to find out information about the process to update both the master plan and shoreline management plan for Millwood Lake. You will be able to provide comments through the website. If you have questions, voicemail and email options will be provided and you will receive a response.

We want to hear from you! Please visit our website:

<https://go.usa.gov/x7Wny>

for current information or to submit comments.

Visit our website to learn the details of the MP and SMP update process. Your input will help define the Millwood Lake MP and SMP Update scheduled for public review in 2021. Staff will be available to answer your questions by either a response phone call or email response. Find out how to leave a question on our website!

BUILDING STRONG



P.O. Box 867
Little Rock, AR 72203

We want to hear from You!
**Millwood Lake
Master Plan and
Shoreline Management
Plan Update**

<https://go.usa.gov/x7Wny>

Email Blast

MILLWOOD LAKE MASTER PLAN & SHORELINE MANAGEMENT PLAN REVISION

The Army Corps of Engineers, Little Rock District, is updating the Millwood Lake Master Plan (MP) and Shoreline Management Plan (SMP).

The MP guides the classification and management of public lands around the lake and influences future recreational opportunities and natural resource management.

The SMP establishes policy and furnishes guidelines for the protection and preservation of the environmental characteristics of the shoreline, while maintaining a balance between public and private shoreline use.

Pursuant to the National Environmental Policy Act (NEPA), an Environmental Assessment of potential impacts of both draft plans will also be prepared.

“Scoping” is the process of determining the scope, focus, and content of master plan and shoreline management plan update documents. For a planning process such as the MP and SMP revision, the scoping process is used as an opportunity to get input from the public and resource agencies about the vision for the MP/SMP update and the issues that the MP/SMP should address where possible.

IMPORTANT COVID-19 UPDATE: Due to the evolving Federal, State, and Local policies designed to address the spread of COVID-19, the Corps will not hold our traditional public workshops at this time. We invite you to visit our website, address provided below, to find out information about the process to update both the master plan and shoreline management plan for Millwood Lake. You will be able to provide comments through the website.

We want to hear from you! Please visit our website:

<https://go.usa.gov/x7Wnf>

for current information or to submit comments.

Visit our website to learn the details of the MP and SMP update process. Your input will help define the Millwood Lake MP and SMP Update scheduled for public review in 2021. Staff will be available to answer your questions by either a response phone call or email response. Find out how to leave a question on our website!

Comments may be submitted via mail, email, or fax with attention to: Millwood Lake MP & SMP Planner, Natural Resources Management Section, USACE, Little Rock District, P.O. Box 867, Little Rock, AR 72203.

Fax: (501) 324-6230, Email: CESWL-MillwoodLakeMPandSMPRevision@usace.army.mil

Written comments must be postmarked, e-mailed, faxed, or otherwise submitted by December 31st, 2020.

PRIVACY ACT STATEMENT INSTRUCTIONS

AUTHORITY: ER 1130-2-406, and the laws and regulations referenced therein.

PRINCIPAL PURPOSE(S): To provide a means for the maximum practicable public participation in Shoreline Management Plan formulation, preparation and

subsequent revisions, through the use of public meetings, group workshops, open houses or other public involvement.

ROUTINE USE(S): Information you provide will be available for public review or may be disclosed to members of the Department of Defense or other Government agencies who have a need for the information in performance of their official duties, and where use of such information is compatible with the purpose for which the information is collected.

DISCLOSURE: Voluntary; however, failure to furnish the requested information may prevent the Agency from being able to direct meeting notices or provide additional information to commenters.



NEWS RELEASE

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG®

Release No: 88-20
Release: Immediately
Nov. 16, 2020

Media Contact:
Public Affairs Office, 501-324-5551
CESWL-PA@usace.army.mil
Media after hours: 501-563-6835

USACE seeks public input for the Millwood Lake Master Plan and Shoreline Management Plan revision process

Ashdown, Ark. – The U.S. Army Corps of Engineers is notifying the public that the scoping comment period for the Millwood Lake Master Plan and Shoreline Management Plan revisions will begin November 16.

“Scoping” is the process of determining the scope, focus, and content of MP and SMP update documents. For a planning process such as the MP and SMP revision, the scoping process is used as an opportunity to get input from the public and resource agencies about the vision for the MP and SMP update and the issues that the MP and SMP should address where possible.

The MP guides the management of the government lands around our reservoirs. It also affects future management of natural resources and recreational opportunities to ensure the sustainability of Millwood Lake. The planning process will include an analysis of potential effects on the natural and social environment, including fish and wildlife, recreation opportunities, economics, land use, cultural and historical resources, aesthetics, and public health and safety.

--MORE--

The SMP for Millwood Lake establishes policy and furnishes guidelines for the protection and preservation of the environmental characteristics of the shoreline while maintaining a balance between public and private shoreline uses.

Due to the evolving Federal, State, and Local policies designed to address the spread of COVID-19, USACE will not hold traditional public workshops at this time.

To find out more about the Millwood Lake MP and SMP and to submit a comment visit the Millwood Lake MP and SMP webpage at: <https://go.usa.gov/x7WQv>. Comments are due by December 31, 2020.

–30–

Appendix D

Scoping Materials

Millwood Lake Master Plan and Shoreline Management Plan Revisions

For More Information Visit Our Website at:

<https://go.usa.gov/X7WQz>

The Army Corps of Engineers (USACE), Little Rock District, is revising the Millwood Lake Master Plan and the Millwood Lake Shoreline Management Plan. The Master Plan guides the management of the government lands around the lake. The Master plan affects future management of natural resources and recreational opportunities to ensure the sustainability of Millwood Lake.

The Master Plan revision sets the stage for the Shoreline Management Plan, which is how the vision of the Master Plan is implemented.

The SMP for Millwood Lake **establishes policy and furnishes guidelines** for the protection and preservation of the environmental characteristics of the shoreline while **maintaining a balance between public and private shoreline uses**.

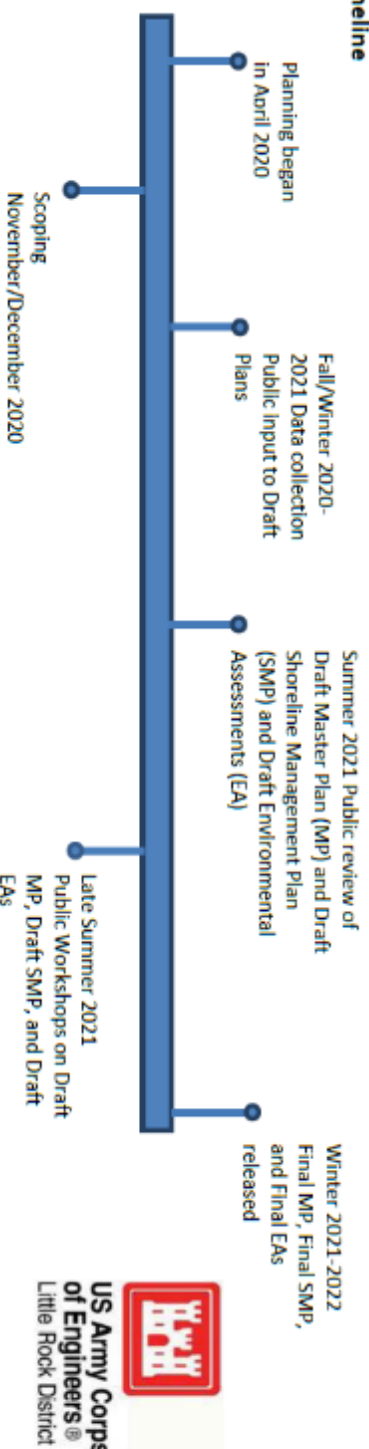
The planning process will include an analysis of potential effects on the natural and social environment, including fish and wildlife, recreation opportunities, economics, land use, cultural and historical resources, aesthetics, and public health and safety.

This is your opportunity to let USACE know how you would like the lake to be managed for the future.



The Millwood Lake Civil Works project on the Little River is located 16 river miles above its confluence with the Red River, about seven miles east of Ashdown, AR. Millwood Lake was authorized for construction by the Flood Control Act approved 3 July 1958. The lake has 37,616 acres of land and water with 92 miles of boundary line. The lake provides many recreational opportunities, along with fish and wildlife habitat.

Project Timeline



Why Update the Millwood Lake Master Plan?

The current Millwood Lake Master Plan was developed more than 40 years ago and is outdated. The master plan revision will classify the government lands around the lake based on environmental and socioeconomic considerations, public input, and an evaluation of past, present, and forecasted trends.

Lands may be classified into one of these categories:

- **Project Operations:** lands required for the dam, spillway, offices, and other areas used solely for the operation of the reservoir.
- **High Density Recreation:** lands acquired and designated for use as parks or other areas for intensive recreational activities by the visiting public. Shoreline Use Permits should not be allowed in these areas.
- **Environmentally Sensitive Areas:** lands designated for areas where scientific, ecological, cultural, or aesthetic features have been identified. These areas are managed to protect environmental resources.
- **Multiple Resource Management Lands:** This classification allows for the designation of a predominant use with the understanding that other compatible uses may also occur on these lands; these additional uses may include:
 - **Low Density Recreation:** lands classified for use for activities such as hiking trails, primitive camping, limited lake access points, and other similar activities by the visiting public. Shoreline Use Permits may be permitted in these areas in accordance with the shoreline management plan.
 - **Wildlife Management:** lands allocated as habitat for fish and wildlife and are generally open for hunting and fishing.
 - **Future/Inactive Recreation Areas:** Lands intended for recreation, but which were never developed or have been closed.
 - **Vegetative Management:** Lands designated for stewardship of forest, prairie, and other native vegetative cover.
- **Water Surface:** For those projects that administer a surface water zoning program, this will be included in the Master plan revision process.
 - **Restricted:** Water areas restricted for project operations, safety, and security purposes.
 - **Designated No-Wake:** To protect environmentally sensitive shoreline areas, recreational water access areas from disturbance, and for public safety.
 - **Fish and Wildlife Sanctuary:** Annual or seasonal restrictions on areas to protect fish and wildlife species during periods of migrations, resting, feeding, nesting, and/or spawning.
 - **Open Recreation:** Those waters available for year-round or seasonal water-based recreational use.

These land and water classifications are established in the master plan and will guide future updates to the operation management plan and shoreline management plan, which implements the master plan.

What is a Shoreline Management Plan (SMP)?

The Millwood Lake Shoreline Management Plan is the required USACE approval document (ER 1130-2-406) that protects and manages the 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 Millwood Lake SMP main objectives are to manage and protect the shoreline, to establish and maintain acceptable fish and wildlife habitat, aesthetic quality and natural environment conditions and to promote the safe and healthful use of the lake and shoreline for recreational purposes.

**Millwood Lake Master Plan and Shoreline
Management Plan Revision and Environmental
Assessment Comment Form**



Please use this form to provide comments and suggestions about how you would like to see the Millwood Lake Master Plan and Shoreline Management Plan revised; or provide comments on the issues that should be studied before a decision is made on Master Plan and Shoreline Management Plan revisions. Feel free to take an extra form to provide to friends or neighbors and send the forms back, before December 31, 2020, to USACE at the addresses below.

(Optional Information)

Name/Organization: _____

Address: _____

E-mail: _____

Phone: _____

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake?

What about Millwood Lake is most and least important to you? _____

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP). Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how could the lake permits be better managed. Please be as specific as possible.

Additional comments on the Master Plan or Shoreline Management Plan Revision or about issues that should be studied.

Comments may be submitted via mail, email, or fax with attention to: Millwood Lake MP & SMP Planner, Natural Resources Management Section, USACE, Little Rock District, P.O. Box 867, Little Rock, AR 72203.

Fax: (501) 324-6230, Email: CESWL-MillwoodLakeMPandSMPRevision@usace.army.mil

Website: <https://go.usa.gov/x7Wnv>

Written comments must be postmarked, e-mailed, faxed, or otherwise submitted by December 31, 2020.

PRIVACY ACT STATEMENT INSTRUCTIONS

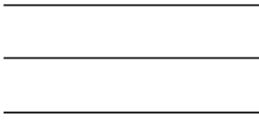
AUTHORITY: ER 1130-2-406, and the laws and regulations referenced therein.

PRINCIPAL PURPOSE(S): To provide a means for the maximum practicable public participation in Shoreline Management Plan formulation, preparation and subsequent revisions, through the use of public meetings, group workshops, open houses or other public involvement.

ROUTINE USE(S): Information you provide will be available for public review or may be disclosed to members of the Department of Defense or other Government agencies who have a need for the information in performance of their official duties, and where use of such information is compatible with the purpose for which the information is collected.

DISCLOSURE: Voluntary; however, failure to furnish the requested information may prevent the Agency from being able to direct meeting notices or provide additional information to commenters.

Postage Required



Millwood Lake MP & SMP Planner
Natural Resources Management Section
Little Rock District, U.S. Army Corps of Engineers
P.O. Box 867
Little Rock, AR 72203

Fold Here

Tape ends before mailing

Appendix F

Public Scoping Comments

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Wednesday, December 9, 2020 5:01:08 PM

Name / Organization:

Address:

AR US

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

Install steps below the spillway from the parking lot to the rivers edge. Do this on sides downstream of the spillway. This will help improve bank fishing access.

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

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HTTP_X_ARR_LOG_ID: 01471e55-0d45-4ab9-ab27-d67d51aceafe

HTTP_ORIGIN: <https://www.swl.usace.army.mil>

HTTP_TRUE_CLIENT_IP: 2600:100b:b11b:6086:31a4:7967:9d97:772c

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Wednesday, December 9, 2020 8:05:17 PM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

I would like to see Millwood be the incredible lake that many east Texas lakes are. The potential is there if more attention was paid towards stocking Florida strain bass. Millwood could be an incredible draw for in state and out of state fishermen.

While I realize that many will differ in my opinion, I think more emphasis is placed on duck hunting than fishing. Duck hunting has such a short season compared to fishing.

Millwood needs dredging in several areas, the lake run poles need repair in several areas and some type of highly visible striping should be placed on the poles. Bouys are frequently missing in very dangerous areas and the lake could benefit from raising the average pool by 2 feet.

HTTP_CMS_CLIENT_IP:

HTTP_X_ARR_LOG_ID: 387bc520-aa6c-4d79-abdb-329244a13f29

HTTP_ORIGIN: <https://www.swl.usace.army.mil>

HTTP_TRUE_CLIENT_IP: 2604:cb00:236:fa00:145b:d953:9968:791c

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Wednesday, December 9, 2020 4:27:52 PM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

I would like to see a 4 foot drawdown in the summers like was done in the past to harden the bottom and increase vegetation on the main lake. After the flood several years back there is nothing on the main lake and that is hurting in my opinion.

HTTP_CMS_CLIENT_IP:
HTTP_X_ARR_LOG_ID: d739137e-2773-47a6-986d-da81783af49b
HTTP_ORIGIN: <https://www.swl.usace.army.mil>
HTTP_TRUE_CLIENT_IP: 75.117.255.148

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Thursday, December 31, 2020 2:15:13 PM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

**Privacy Act of 1974, 5 U.S.C. §
552a**

To be fishable again and cleaned up

Fishing most important and hunting on it as least important

Have a drawdown every winter to kill out the grass and lily pads that have choked the lake almost out. Then raise it back up before spring to 4-5 ft high for a week or so then lower it back to normal pool. Kill the comrants and alligators because the lake is full of both

HTTP_CMS_CLIENT_IP:

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HTTP_ORIGIN: <https://www.swl.usace.army.mil>

HTTP_TRUE_CLIENT_IP: 2600:1700:d750:ade0:f4dc:84b2:cbf:ce2d

From: noreply@dma.mil
 To: [CESWL-MillwoodLakeMPandSMPRevision](#)
 Subject: Public Comment Submission for Millwood Lake SMP / MP
 Date: Wednesday, December 9, 2020 4:36:59 PM

Name / Organization:

Address:

E-Mail:

Phone:

Privacy Act of 1974, 5 U.S.C. § 552a

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

1. Allow more alligator tags per year, entirely to many alligators.
2. Lower the water level one foot (12") during late summer early fall. (July-October). Raise the water three feet (two feet above normal during winter). Then keep the water one foot at minimum above normal during spring months to allow fish to spawn without being disturbed. Repeat this for 2 years and study results.
3. Bring the largemouth bass length limit back to 16" and 3 fish per person.
4. Only release fingerlings when the water is one foot above normal instead of drawing three feet of water off the lake and confining all the fish to the deeper pools where the 100,000+/- get eating instead of growing.
5. Put more river buoy's in the river channel for inexperienced boaters traveling through river channel.

What about Millwood Lake is most and least important to you:

Most important is clean water for all wildlife. Fish, deer, duck, etc

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Find a way to relocate the old vegetation that has the mouths of the creek channels and small oxbows choked up. Places that used to be accessible in an outboard flat bottom are no longer.

Additional Comments - Please provide any other comments on the Master

**Plan or Shoreline
Management Plan - or -
provide information
about issues you feel
deserve more study:**

Help the largemouth bass population more than any other fish. It's embarrassing of the weights that win tournaments compared to what was winning 15-20 years ago.

HTTP_CMS_CLIENT_IP:

HTTP_X_ARR_LOG_ID: 2e0f77af-b850-4587-88c9-031f9f27d279

HTTP_ORIGIN: https://www.swl.usace.army.mil

HTTP_TRUE_CLIENT_IP: 2600:100b:b12c:9eab:31cf:b6ba:cda8:33a5

From: noreply@dma.mil
 To: [CESWL-MillwoodLakeMPandSMPRevision](#)
 Subject: Public Comment Submission for Millwood Lake SMP / MP
 Date: Thursday, December 10, 2020 1:01:18 AM

Name / Organization:

Address:

E-Mail:

Phone:

Privacy Act of 1974, 5 U.S.C. § 552a

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

Would like to see piers built on Millwood in good spots over deeper waters so our wounded warriors and handicapped have a place to go and enjoy fishing. I watch them try to fish at the landings and get threatened by rangers because they are fishing on the boat ramps. They tore down our Docks because they weren't built to withstand high water. The piers should be handicap accessible. I helped build piers on the ocean. Its not that hard to build them to withstand weather and floods. The other thing is bathrooms at the landings. Alot more people would visit if they could use a restroom without having to drive a half mile to get to one. Also make a slip that has a wheelchair lift and a steady beam to help boaters that are handicapped. Also we need to have at least a foot of water added to the lake level at normal pool.

What about Millwood Lake is most and least important to you:

Most important about Millwood would be access for ALL PEOPLE, HANDICAPPED AND WHEELCHAIR ACCESABILITY AND THE DOCKS BACK AT THE LANDINGS. Saratoga landing has been left behind on upgrades and piers. The least important thing about it is stump removal. I think we need more fish shelters and habitat.

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Shoreline erosion is really bad on the Saratoga side of the Okay point. I think a little deeper average would help on the wave action more. Its too shallow so it makes faster waves. Also the Westview Road ramp was blocked off by a civilian and stopped alot of people from being able to fish. This is one spot that was perfect for handicap and wheelchairs could fish from. Its a high bank and pretty smooth. Its also a good landing. I wish yall could do something about this one. So many people fished this place. One guy decided that it was off limits and put a cable up. Also the jetti at Saratoga landing could be made a concrete pathway in the middle for the elderly and handicap. Please do something for our vets and the handicap.

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or -

This lake is so shallow at Saratoga landing that you could make a concrete walkway and seawall together and have fishing and

**provide information
about issues you feel
deserve more study:**

protection for the bank all in one.

HTTP_CMS_CLIENT_IP:

HTTP_X_ARR_LOG_ID: e7479866-4358-4e45-94d9-e1f65b92e887

HTTP_ORIGIN: https://www.swl.usace.army.mil

HTTP_TRUE_CLIENT_IP: 2600:100b:b104:1f0f:0:35:209a:4401

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Wednesday, December 9, 2020 4:05:08 PM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

I would first want to see more spots to bank fish. I would love to see a dock put back over on beards bluff. Fix the boat ramps at paraloma, beards bluff, and saratoga. Raise the normal pool up 2 ft. Cut back on water release during mid spring and fall. We need to fix the open dock on yarbrough landing. I love to fish millwood and would love to be able to fish it in 20 years.

Open up more alligator tags.

HTTP_CMS_CLIENT_IP:
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HTTP_ORIGIN: <https://www.swl.usace.army.mil>
HTTP_TRUE_CLIENT_IP: 2600:100b:b12c:21c9:311f:f046:34db:74c5

From: noreply@dma.mil
 To: [CESWL-MillwoodLakeMPandSMPRevision](#)
 Subject: Public Comment Submission for Millwood Lake SMP / MP
 Date: Sunday, November 29, 2020 8:27:24 PM

Name / Organization:

Address:

E-Mail:

Phone:

Privacy Act of 1974, 5 U.S.C. § 552a

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

I would like to see it as one of the best fishing lakes in the state. If not the best. In my opinion Millwood is the best lake in the state to fish but that is not in a lot of other peoples point of view. A lot of people that have fished the lake for 20 plus years will tell you the lake used to be a lot better 10 years ago than today. It is a great crappie lake but I am the bass fisherman.

What about Millwood Lake is most and least important to you:

Safety of the lake(boat lanes and buoys and fishing quality is most important.

Hunting can be important

Least important.....

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

I would like to see information on the yearly drawdowns of the lake compared to drawdowns of the lake in a time segment of three to four years.

I have had older locals tell me that the lake fished a lot better when the drawdowns were not yearly like it has turned into the last five to ten years.

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

I tried going through the documents and seeing what the info talked about on drawdowns. I may have missed it.

I think the lake has great camp sites / parks. Very nice. Clean and enough places to park. I have been impressed with the lake. I have grown up fishing central Ar and Hot Springs lakes. I have lived down here for three years and Millwood has turned into my favorite place to fish. When I talk to locals they make it seem like it used to be a lot better place to fish....

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Wednesday, December 9, 2020 8:01:45 PM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

Change full regular pool to a foot or two foot higher than what it is now. Put a plan in place for siltation or possible even dredge out places that are already silted in. Draw down more than 2 foot to make main lake habitat better.

Bass fishing is the most important to me.

I think work needs to be done with siltation and habitat or the lake as a resource is going to go down hill quick.

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HTTP_TRUE_CLIENT_IP: 173.218.171.195

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Wednesday, December 9, 2020 5:01:24 PM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

Better than it is now! Used to be a great bass lake, been terrible for last 15 years.

Most important- should be the fishing destination it was many moons ago.

Fix all boat ramps.
Docks at each major boat ramp.
Stop the rise and fall of the water all the time.
Can't fish most of the river due to too much vegetation.
Ducks should not be the #1 priority.
Return grass to the main lake.

It is sad for me to see Millwood become a laughing stock among the lakes in our area.
Best suggestion I have heard in years is to drain it and introduce prairie dogs so at least it would be worth a trip.
Fix Millwood Please

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HTTP_TRUE_CLIENT_IP: 174.126.82.189

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Wednesday, December 9, 2020 4:45:03 PM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

I would like to see an 18" rise in normal pool if that is possible. Summer time 4" draw down every other year. Finally implement some sort of vegetation and sedimentation plan that will help in navigating the lake.

Most important thing to me about the lake is fishing. The least important thing would probably be holding homeowners accountable and fining them for cleaning up brush from so they can see the lake from their back porch.

Allow citizens to help with shoreline clean up. We can all work together to make Millwood a prettier lake. Allow more boat docks.

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HTTP_ORIGIN: <https://www.swl.usace.army.mil>
HTTP_TRUE_CLIENT_IP: 2600:100b:b10a:3ab0:c8f3:e962:f2f3:abe4

552a

From: <noreply@dma.mil <<mailto:noreply@dma.mil>>>
Date: Mon, Nov 16, 2020 at 5:25 PM
Subject: Public Comment Submission for Millwood Lake SMP / MP

Privacy Act of 1974, 5 U.S.C. § 552a

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake: I want to express how much I have enjoyed camping at the Cottenshed Area camp grounds over the years. My companion and I have stayed there four or five times and relish the beauty and peacefulness of the area. The camp hosts have always gone above and beyond to help us and check on us. It is truly a unique area and I would like to see the Corp continue to maintain it.

Thank you for allowing me to tell you about the great job the Corp does at Cottenshed.

Privacy Act of 1974, 5 U.S.C. § 552a

What about Millwood Lake is most and least important to you: Cottenshed! Keep it beautiful!
Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible: Perhaps another dock at Cottenshed!
Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study: The Army Corp of Engineers is doing a fantastic job at Millwood!

HTTP_CMS_CLIENT_IP:
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HTTP_ORIGIN: <https://www.swl.usace.army.mil> <Blocked<https://www.swl.usace.army.mil>>
HTTP_TRUE_CLIENT_IP: 72.200.230.245

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Thursday, December 10, 2020 6:54:55 AM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

Raise the lake level 2' and hold . This would provide excellent cover for all fish .

HTTP_CMS_CLIENT_IP:
HTTP_X_ARR_LOG_ID: 329a3f74-7a8c-44d9-b88b-ab1caee2270a
HTTP_ORIGIN: <https://www.swl.usace.army.mil>
HTTP_TRUE_CLIENT_IP: 69.30.153.197

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Wednesday, December 9, 2020 6:41:58 PM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

Dredge lake out in front of woodline and make several Islands that stand 2 to 3 feet above normal pool.

I grew up fishing the lake. It is one of the best lakes around. Great for camping and fishing. Don't think anything not important.

HTTP_CMS_CLIENT_IP:
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HTTP_ORIGIN: <https://www.swl.usace.army.mil>
HTTP_TRUE_CLIENT_IP: 216.238.5.91

From: noreply@dma.mil
 To: [CESWI-MillwoodLakeMPandSMPRevision](#)
 Subject: Public Comment Submission for Millwood Lake SMP / MP
 Date: Monday, December 14, 2020 9:20:44 AM

Name / Organization:

Address:

E-Mail:

Phone:

Privacy Act of 1974, 5 U.S.C. § 552a

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

I am not sure how to change the silting problem on Millwood, but in my opinion this is the biggest problem with the lake. The main lake is almost unfishable in many areas. Over the last 20 years the silt has filled in most areas used by bass. This lake was so much better 10 years ago than it is today. I have seen little good in the draw downs that have taken place except for the detrimental effect that it has on the fish population.

I know Millwood will never be what it was back in the 1st 30 years, but I don't understand why it has silted in like it has. I have heard there was talk about raising the lake level 2 feet permanently. I think that would be a good thing. I would like to know how that would effect the silting problem.

What about Millwood Lake is most and least important to you:

The most important is the Bass population in the lake. The catfish and crappie are going to thrive in this lake no matter what you do, but the bass need some hard bottom. I would like to see the hydrilla come back in the main lake. This would help the tourism in our area. Texas has figured out that Bass fishing draws a big crowd. This is the part that I wish Arkansas would figure out. I drove to Toledo Bend last week just to go bass fishing. People would do the same thing here.

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

I am not sure about this part of the plan.

Additional Comments - Please provide any other comments on the Master Plan or Shoreline

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Wednesday, December 9, 2020 10:59:56 PM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

Millwood needs more cover or grass for the fish to grow. This would include a draw down in the summer to let the grass grow and get a harder bottom. Also put a season on the water turkeys because between them and the pelicans they are destroying the fish population!!

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HTTP_TRUE_CLIENT_IP: 96.45.228.237

From: noreply@dma.mil
 To: [CESWL-MillwoodLakeMPandSMPRevision](#)
 Subject: Public Comment Submission for Millwood Lake SMP / MP
 Date: Saturday, December 5, 2020 4:18:08 PM

Name / Organization:

Address:

E-Mail:

Phone:

Privacy Act of 1974, 5 U.S.C. § 552a

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

I would like to see you all the campgrounds and recreation areas such as Paraloma opened and maintained again. This is somewhere that my dad took me and my brothers and told us so much about the outdoors now that I have kids of my own I would like to be able to take them down there and teach them the way that I learned about the area. Another thing I would like to see you somewhere on the lake would be a new active marina or you could get fuel and basic supplies while you were out on the lake without having to pull out and go all the way to Lockesburg or Ashdown.

What about Millwood Lake is most and least important to you:

The most important thing about the lake to me is having a quality place with such a diverse amount of wildlife to be able to take your family and teach them about the outdoors and different species that live in our area.

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Something to maybe consider for people who are just beginning to get out and experience all that Millwood like house to offer especially boating we should look into putting signs around the boat ramps about all the tree stumps and the dangers they pose to reduce boating accidents to those who were unaware of all the things just beneath the water level when the lake is up.

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

I think you should reach out to the public and get their opinions on the updating of recreational areas around the lake and how to make the outdoor experience better and more family friendly for the generations to come so that we can leave it better than how we found it.

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Thursday, December 10, 2020 11:45:35 AM

Name / Organization:

Address:

E-Mail:

Phone:

Privacy Act of 1974, 5 U.S.C. § 552a

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

In 20 years I would like to see Millwood Lake producing and running smoothly. I would love to see Millwood producing a lot of big fish and having more tournament and wide spread fame. I think Millwood has exceeded a lot of expectations, but I believe it still can have a lot of potential for many things. It is a great lake that could possibly be even better. It has the potential to produce fish 8 or better regularly and even be better than that.

What about Millwood Lake is most and least important to you:

Millwood is most important to me in many ways. I fish a lot of tournaments and fun fishing out there. Most of my family spends weeks at a time out there camping and fishing. It is a great place for a lot of things. It is important for fun and good time with family and friends.

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

I know this may be out of your control, but I think more docks on the lake would be a good thing to have. Maybe a less extensive process to own a dck could help potentially. Some vegetation is a little out of control in certain places along the river in the backs of creeks or on the lake. But, the vegetation is a good thing and I believe it doesn't need to be sprayed or anything. The vegetation is a great thing all over the lake. I know on the lake side there is not as much hydrilla as there used to be. I think a hydrilla comeback could be a major bonus on the lake. Obviously there is a lot of timber throughout the lake which is a major advantage too. Addition of rocks along select banks for erosion would be a good location for forage. It would make great habitat for all fish and bait forage in the lake. I think a little cleanup of some small fish throughout the lake and river would be a good boost throughout the system.

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

My two cents on upgrades in the lake. A boat run with poles or buoys from okay landing to the lake, probably by the railroad trussel. A better marked boat run with more buoys or poles from yarabourgh landing to the main lake boat runs. That's the only thing I think of at this point

From: noreply@dma.mil
To: [CESWI-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Wednesday, December 9, 2020 4:31:08 PM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

More good vegetation on the main lake there is very little good grass left the bottom has turned to mush not good and hard for fish to spawn

Most is habitat for the fish least swimming

HTTP_CMS_CLIENT_IP:
HTTP_X_ARR_LOG_ID: bc180f92-908c-4dfc-bcb7-005831aad497
HTTP_ORIGIN: <https://www.swl.usace.army.mil>
HTTP_TRUE_CLIENT_IP: 2600:387:1:809::49

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Thursday, December 10, 2020 4:24:41 PM

Name / Organization:

Address:

E-Mail:

Phone:

Privacy Act of 1974, 5 U.S.C. § 552a

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

First, we need to get serious about draw downs. They the most important thing to kill the floating vegetation and to creat good vegetation. Second we need to add two feet to normal pool so maneuverability can be achieved. Third safety should actually be first. The river markings are not given enough attention. These markers provide new comers and old timers the ability to see river channel. We also need to keep the river more stable if possible. Fish cannot thrive in a continuous change in current and elevation. I grew up fishing this lake and river and has never been more unstable than the past several years.

What about Millwood Lake is most and least important to you:

Well the most important thing about mill wood is water supply but fishing is a close second. Fishing on this lake is it's only recreation. Least important I guess would be protecting alligators.

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

One thing that would help shoreline is to keep the river as stable as possible there is way to much level fluctuation even in dry conditions.

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Thursday, December 10, 2020 8:42:52 AM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

could use a good grading of east run road by the river

all

HTTP_CMS_CLIENT_IP:
HTTP_X_ARR_LOG_ID: 54250c72-9624-4c4a-b06f-2049ec14ea8b
HTTP_ORIGIN: <https://www.swl.usace.army.mil>
HTTP_TRUE_CLIENT_IP: 107.77.201.77

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Thursday, December 10, 2020 6:08:12 PM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

Most important is the fishing and marker buoys out of line.

Yarborough boat ramp is extremely slick....4wd is even tough sometimes to pull your boat up the ramp.... can it be sanded?

HTTP_CMS_CLIENT_IP:
HTTP_X_ARR_LOG_ID: 4f05db44-443c-40c5-93de-33f97780247e
HTTP_ORIGIN: <https://www.swl.usace.army.mil>
HTTP_TRUE_CLIENT_IP: 208.80.167.70

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Friday, December 11, 2020 11:24:12 AM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

Raise the level 3-4 ft permanently. Maybe that would help the main lake. It is essentially a waisted body of open water.

Fishing

HTTP_CMS_CLIENT_IP:
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HTTP_ORIGIN: <https://www.swl.usace.army.mil>
HTTP_TRUE_CLIENT_IP: 174.137.5.9

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Wednesday, December 9, 2020 11:13:58 PM

Name / Organization:

Address:

E-Mail:

Phone:

Privacy Act of 1974, 5 U.S.C. § 552a

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

1. The boat lanes need to be clearly marked on Little River. USACE puts buoys out multiple times each year, but they rarely last longer than the next rainfall. A trail needs to be marked with poles the same way they are on the main lake trails. Dozens of tournaments begin and end at Yarborough Landing each year and many boats hit stumps on their way. 2. The boat launches around the lake are mostly terrible. Many of the launches leave no option other than to pull your boat onto rocks or concrete, and the Beards Bluff launch in particular is very dangerous if the wind shifts the wrong way. A small amount of wind on Millwood is very dangerous.

What about Millwood Lake is most and least important to you:

Most important to me is the fishing.

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Wednesday, December 9, 2020 5:31:16 PM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

Problem 1. Silt. Please do whatever is necessary to remove the silt. If you don't tackle this problem, anything else you do is going to be of minimal. Millwood is a shallow lake. With all the creeks silted in, few people fish the open lake.

See above.

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HTTP_ORIGIN: <https://www.swl.usace.army.mil>
HTTP_TRUE_CLIENT_IP: 173.185.207.120

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Wednesday, December 9, 2020 5:16:00 PM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

4 foot drawdown for a year or longer to try to harden the bottom of the lake and promote grass growth. Then raise the level 2 foot above what normal is now and hold it there as the new level

Keeping it as a well known established fishery with lots of markers clearly marking the runs making it easier for visitors to navigate that travel here to spend time on the lake

HTTP_CMS_CLIENT_IP:
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HTTP_ORIGIN: <https://www.swl.usace.army.mil>
HTTP_TRUE_CLIENT_IP: 98.19.214.255

From: noreply@dma.mil
To: [CESWI-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Wednesday, December 9, 2020 5:12:52 PM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

Either raise lake 2ft or dredge main lake in boat lanes and stop opening the gates right before every major tournament that gets scheduled. Spray vegetation to keep it spreading.

The fishing and the control of the gates before major tournaments

HTTP_CMS_CLIENT_IP:
HTTP_X_ARR_LOG_ID: f55d396b-f60d-4b3e-8351-2e74f1f7b7de
HTTP_ORIGIN: <https://www.swl.usace.army.mil>
HTTP_TRUE_CLIENT_IP: 96.19.37.26

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Thursday, December 10, 2020 7:35:16 AM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

I would love to see the lake level be raised because of sedation there are places you cannot get to anymore and the shallow water remains muddy almost all the year.
Control some of vegetation, if possible.

Most: Fishing and Cyprus trees and scenery

Least: its all important to me.

HTTP_CMS_CLIENT_IP:
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HTTP_ORIGIN: <https://www.swl.usace.army.mil>
HTTP_TRUE_CLIENT_IP: 98.18.63.177

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Wednesday, December 9, 2020 10:52:08 PM

Name / Organization:

Address:

E-Mail:

Phone:

Privacy Act of 1974, 5 U.S.C. § 552a

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

Most of the floating grass needs to go now days people have mud boats and if you go across the grass and there is a stump out of the water with a mud boat it will tear up your equipment. I think the lake needs to come up 12-15 foot at least and let all of the grass float up in the trees or down the river and then open the gates wide open to leave the grass high and dry on land and in trees so it will clean up the water some.

What about Millwood Lake is most and least important to you:

Most important is the millet planted last year and the boat runs would be nice to have into areas and least important is the stumps

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Raise the lake high or kill the grass with poison so it does not take over and the reeds over around okay landing are taking over

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

HTTP_CMS_CLIENT_IP:
HTTP_X_ARR_LOG_ID: 04b374d9-2157-40e3-abe7-a2a10d1398e9
HTTP_ORIGIN: <https://www.swl.usace.army.mil>

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Thursday, December 10, 2020 8:30:59 PM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

Reduced alligator population. They have become a nuisance and make night fishing and yo yo/trotlining very difficult and dangerous.

Also, there needs to be better vegetation control.

Most important is quantity and quality of crappie and bass in the lake. I cannot think of a least important item.

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HTTP_ORIGIN: <https://www.swl.usace.army.mil>
HTTP_TRUE_CLIENT_IP: 2600:100b:b104:90f6:414a:c162:beba:7669

From: noreply@dma.mil
 To: [CESWL-MillwoodLakeMPandSMPRevision](#)
 Subject: Public Comment Submission for Millwood Lake SMP / MP
 Date: Wednesday, December 9, 2020 2:58:46 PM

Name / Organization:

Address:

E-Mail:

Phone:

Privacy Act of 1974, 5 U.S.C. § 552a

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

We would like to see the Little River channel marked with the telephone poles like they did all the boat lanes we were involved with helping the USACE back in late 1990's with Steve Spicer. It would help to also mark the Saline River channel with the poles as well from Cottonshed up to the river channel where it goes into the woods and where Saline exits the river bank. This would eliminate the associated costs of maintenance and the constant replacement of the river buoys along Little River channel from Yarborough point to the open water in front of the dam. There are several broken telephone poles missing at the upper end of the boat lane from the Highline to the Little Gas Line boat lanes that have been broken/missing for a few years, and they need replacement urgently before someone gets hurt running that boat lane where they are missing! We would also like to see a sedimentation survey results (the sedimentation stakes cannot be found by latest USGS team) and how they plan to increase storage capacity of the lake to its original plan. With so much vegetation and siltation to Millwood, the storage plan is no longer as it was designed to hold capacities. Would LOVE to see USACE raise Millwood NCP elevation by at least 1 ft-msl, taking from 259.2 ft-msl now for normal elevation to 260.2 ft-msl or higher such that storage capacity could be increased, and more fish spawning habitat is created. We will assist the USACE in any endeavors, at any time, on a voluntary basis, to improve the project.

What about Millwood Lake is most and least important to you:

Millwood Lake needs higher storage capacity as it was originally designed to hold, due to siltation and sedimentation that has occurred over the last 30-50 years. We Would like to see a vegetation management plan to reduce alligator weeds and other nuisance vegetation that is currently choking off all the creeks, oxbows, and hampering navigation in a negative way, to improve navigation, thus resulting in higher recreation participation by the public, more income and revenue from Bass Tournaments, and other public recreation, that refuse to hold large turnout tournaments due to hampered navigation. Improved navigation, reduced vegetation, better management of the river channel markers, increased storage capacity, better spawning habitat creation by raising normal conservation pool a minimum of 1-2 feet of depth. More USACE campsites added to existing USACE

| | |
|---|--|
| | campgrounds, resulting in additional revenue and public participation. We will assist the USACE in any endeavors, at any time, on a voluntary basis, to improve the project. |
| <p>Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:</p> | <p>Please institute a vegetation management plan to reduce alligator weeds and other nuisance vegetation that is currently choking off all the creeks, oxbows, and hampering navigation in a negative way, to improve navigation, thus resulting in higher recreation participation by the public, more income and revenue. In addition, better management of the river channel markers, increased storage capacity back to original design implementation such that the 259.2ft-msl is raised 1-2 ft-msl providing improved navigation. We will assist the USACE in any endeavors, at any time, on a voluntary basis, to improve the project.</p> |
| <p>Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:</p> | <ol style="list-style-type: none"> 1. Sedimentation stakes that were installed by USACE and marked with GPS could not even be located by USGS teams several years ago. This alone, defines the siltation/sedimentation issues as highly problematic. Millwood is not currently holding water capacity it was designed to hold to prevent flooding along the Red River system. Siltation and sedimentation has become a huge problem related to storage capacity and flooding, as well as reduced fish population spawning habitats, lake-wide. 2. Locations that were previously holding 10-20 feet of depth, now are only holding 5-8 feet of depth, at most. 3. River buoy markers are a constant maintenance and resource drain on the project. These floating river markers along Little River, need to be replaced with the same type of telephone pole marker system that is in current use by the boat lane marker systems, for a more permanent solution, thereby improving safety and navigation on the project, and reduction of maintenance expenses on a permanent basis. 4. Implementation of a vegetation reduction plan to permanently reduce/eliminate the prolific alligator weeds impairing navigation- as well as a continual contributor to the siltation and sedimentation issue previously discussed. <p>Thank you. We are doing our best to bring additional tourism & client's dollars to the USACE & Millwood Lake project, USACE campgrounds, and Millwood State Park. We are MillwoodGuideServicedotcom for over 31 years, where you can view and see our contributions and assistance to the USACE project. We need your assistance to make that continue to happen. We will assist the USACE in any endeavors, at any time, on a voluntary basis, to improve the project.</p> |

HTTP_CMS_CLIENT_IP:

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Thursday, December 10, 2020 7:05:20 AM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

Raise normal pool 2ft, it would create excellent habitat and security for spawning fish. Just as well it would make navigating safer, and easier on equipment.

The water turkeys

HTTP_CMS_CLIENT_IP:
HTTP_X_ARR_LOG_ID: 932d4c25-1c70-4ea7-a0a9-1fe56d12be07
HTTP_ORIGIN: <https://www.swl.usace.army.mil>
HTTP_TRUE_CLIENT_IP: 2600:100c:b219:5e24:8149:afbc:a715:75e8

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Wednesday, December 9, 2020 5:56:52 PM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

Remove stumps fix boat ramps like paraloma

Fishing is most important plus duck habitat.

HTTP_CMS_CLIENT_IP:
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HTTP_ORIGIN: <https://www.swl.usace.army.mil>
HTTP_TRUE_CLIENT_IP: 174.247.241.40

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Thursday, December 10, 2020 5:11:19 AM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

I would like for the fishing pier at Beards Bluff to be rebuilt. I would also like more hiking trails around the lake and possible OHV trails

Most important: camping and fishing
Least important : duck hunting

HTTP_CMS_CLIENT_IP:
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HTTP_ORIGIN: <https://www.swl.usace.army.mil>
HTTP_TRUE_CLIENT_IP: 216.238.12.199

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Wednesday, December 9, 2020 11:11:46 PM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

Cleared, more safe boat lanes as some boat lanes have logs in them that are not visible at night when water levels are elevated. Better service for phones at campgrounds like White Cliffs.

Hunting and fishing

HTTP_CMS_CLIENT_IP:
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HTTP_ORIGIN: <https://www.swl.usace.army.mil>
HTTP_TRUE_CLIENT_IP: 75.173.37.138

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Wednesday, December 9, 2020 8:25:45 PM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

I would like to see millwood as a place you can go and safely navigate through the markers and a place you can catch a trophy bass and crappie

The safty of people traveling or running across the lake or the river that is not marked anymore that is very unsafe if you are not from around here.

This past year the lilly pads were not bad but if we could get more coontail or whatever it seemed like that was better for the bass

HTTP_CMS_CLIENT_IP:
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HTTP_ORIGIN: <https://www.swl.usace.army.mil>
HTTP_TRUE_CLIENT_IP: 216.238.13.189

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Wednesday, December 9, 2020 6:51:38 PM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

I recently visited the arkansas river at pendleton ramp they had an amazing setup to weigh in fish and return them to the water with no casualties to the fish I would like to see this duplicated at yarborough landing for protection of the fish

HTTP_CMS_CLIENT_IP:
HTTP_X_ARR_LOG_ID: d12b9a61-2066-431a-82e8-330b46e7ca92
HTTP_ORIGIN: <https://www.swl.usace.army.mil>
HTTP_TRUE_CLIENT_IP: 199.33.104.254

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Thursday, December 10, 2020 8:18:07 PM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

Raise, and keep the lake level by two-foot and six-inches year round. Also keep marker buoys out. And that would allow other issues solve themselves. Thank you for all that you already do.

HTTP_CMS_CLIENT_IP:
HTTP_X_ARR_LOG_ID: 1a32a40c-9494-4aac-a6b1-f44bacc93f72
HTTP_ORIGIN: <https://www.swl.usace.army.mil>
HTTP_TRUE_CLIENT_IP: 18.191.249.253

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Wednesday, December 9, 2020 9:19:43 PM

| | |
|---|--|
| Name / Organization: | Privacy Act of 1974, 5 U.S.C. § 552a |
| Address: | |
| E-Mail: | |
| Phone: | |
| How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake: | Raise level by at least 2 feet. Someway/ somehow bring back hydrila for the bass. Draw downs every year, enough to stabilize silt. Dredging main lake to make wind breaks , which would help with water clarity and access to areas on main lake. That would help bring back main lake. With timber fading away vegetation is the best for bass. |
| What about Millwood Lake is most and least important to you: | Bass and crappie fishing. Most important! Least important camping . |
| Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible: | At least 4 ramps should be maintained on lake for access and at least 2 on river. Tournament site to hold major bass and crappie tournaments, to bring revenue to area, as far as docks, as long as they are maintained, they make good habitat for fish and could generate more revenue. |
| Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study: | Something has to be done. The lake itself is just about dead. Wind keeps it muddy and old spawning goods are silted in. Up river is about all that is left. To beautiful of a lake just to let it die. |

HTTP_CMS_CLIENT_IP:
HTTP_X_ARR_LOG_ID: 13e4c50c-586e-447a-a433-3f94ad7a6064
HTTP_ORIGIN: <https://www.swl.usace.army.mil>
HTTP_TRUE_CLIENT_IP: 199.33.107.150

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Wednesday, December 9, 2020 7:38:55 PM

| | |
|---|--|
| Name / Organization: | Privacy Act of 1974, 5 U.S.C. § 552a |
| Address: | |
| E-Mail: | |
| Phone: | |
| How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the lake: | <p>I would like to see Millwood a trophy fishery (bass and crappie)</p> <ul style="list-style-type: none">*More restroom facility at most ramps especially Yarbrough*Yarborough needs a better pier.*Better boat lanes, there are still stomps in the lanes. <p>These would greatly help Millwood.</p> <p>Thank you for making an effort to better our lakes and facilities.</p> |
| What about Millwood Lake is most and least important to you: | <p>The fishing that's the only thing to focus on Millwood lake.</p> <p>Stock and keep the lake healthy.</p> |
| Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible: | <p>KEEP THE VEGETATION.</p> <p>We all have seen the results of DeGray.</p> <p>A better pier at Yarbrough and restrooms</p> |
| Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study: | <p>Fish stocking if possible</p> |

HTTP_CMS_CLIENT_IP:
HTTP_X_ARR_LOG_ID: b5cb3e0e-0dc6-40d2-9fcf-3d546cce686f

Gentlemen:

1-20-21

Privacy Act of 1974, 5 U.S.C. § 552a

Privacy Act of 1974, 5 U.S.C. § 552a

I have seen

Many Things happen to this lake! There used to be Shotgun Starts Fish Tournaments on Sat. Mornings @ 6:00 A.M. from Senatoga landing. There used to be 3 landings on Senatoga landing. Now There is one. Sometimes It can't be used to Launch a Boat because when Fishermen have Parked in The Boat Ramp. There used to be, at The State Park & OK Landing, an overload of Boats in April & October with Surplus Trailers Parked along The access Road. There used to be License Plates from Illinois, Ohio, Indiana, Louisiana, Texas & Others? It used to be The Parks & Roadways were Mowed. Now They can be Billed.

The Question I ask myself is WHY?? are we in The Shape we are in Today. No one cares? Where are The people who used to come here to Fish? Is It because The Fish aren't There? Why? If The only Purpose of This Lake is flood control, you won't have to do any thing, we are already There. If we want a recreational lake, camping, Fishing, Sight Seeing etc. y'all have a long way to Go.

Privacy Act of 1974, 5 U.S.C. §
552a

Aratoga Landing. On going during spring and summer season the party with a \$2500 came alive up, parks on boat ramp. The another party with \$60,000 boat can't get live on the boat in to go fishing. Best fishing pier back.

Beards Creek. Many delays and handicapped have lost the fishing pier. So much money spent on projects and more that would help so many.

Other water would be nice, not only for boaters landing and unloading without damaging their equipment, but more place for boat fishermen. Also also aid in spawning fish. The water would do not but properly also last forever.

The more people that fish, the more they spend. It helps the county and state of people in it. Also in the good old days. Many showed like water due to fishing.

On fish can't spawn in 4 weeks the water would attract lots of fish - 5,15k - Norway - One successful fish spawn - 100,000 fish. It would be good for human, have, and enjoy. Also on aren't going to catch on all.

Best ramp at Aratoga Landing is no use if water is - 2 ft more. I will place bottom and have been known out with water. Thrust.

Comments for Charlotte Funding & Land
Bank Camp grounds. ~~At~~ Don't spending money

Appendix G

Agency Scoping Comments



ARKANSAS ENERGY & ENVIRONMENT

December 17, 2020

NRM Planner
U.S. Army Corps of Engineers
Little Rock District
Via Email: CESWL-MillwoodLakeMPandSMPRevision@usace.army.mil

RE: Millwood Lake Master Plan and Shoreline Management Plan Revision

To Whom It May Concern:

The Division of Environmental Quality (DEQ) appreciates the opportunity to comment on the revision to the Millwood Lake Master Plan and Shoreline Management Plan. At this stage of review, DEQ can provide only generalized comments on issues to consider during Environmental Assessment (EA) development. We request the opportunity to review both the draft and final EAs when available.

While the Office of Land Resources has no specific comments at this time, additional review may be required should the shoreline or flood relief footprints change.

The Office of Water Quality recommends that all necessary steps be taken to prevent or minimize erosion of materials and soils into surface waters. Proposed activities should include measures to protect both the water quality and designated uses of the waterways.

This letter is issued in reliance upon the statements and representations made in the submittal. DEQ has no responsibility for adequacy or proper functioning of the proposed project. Please contact the referenced offices with any questions.

Sincerely,

Privacy Act of 1974, 5 U.S.C. § 552a

From: noreply@dma.mil
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: Public Comment Submission for Millwood Lake SMP / MP
Date: Thursday, December 17, 2020 9:03:31 AM

Name / Organization:

Address:

E-Mail:

Phone:

How would you like to see Millwood Lake in 20 years? What changes, if any, would you like to see at the like:

What about Millwood Lake is most and least important to you:

Please provide your comments and suggestions on items to update in the Millwood Lake Shoreline Management Plan (SMP) - Areas of discussion might include: current zoning, current policies on dock and vegetation permits, how the lake could be better managed. Please be as specific as possible:

Additional Comments - Please provide any other comments on the Master Plan or Shoreline Management Plan - or - provide information about issues you feel deserve more study:

Privacy Act of 1974, 5 U.S.C. § 552a

The only area of concern from the U.S. Fish and Wildlife Service is potential negative or positive effects to federally listed threatened or endangered species that might result from modifications to lake management. We are less concerned with shoreline management than management of pool elevations and dam releases. Federally listed species occur in streams upstream of the lake and in the Little River downstream of Millwood Dam. Any proposed changes that would modify the release volumes and schedules or change the extent of inundation in upstream tributaries would need to take into account possible effects to listed species. Consultation with the U.S. Fish and Wildlife Service per Sec. 7 of the Endangered Species Act is appropriate for any actions that may affect listed species.

HTTP_CMS_CLIENT_IP:
HTTP_X_ARR_LOG_ID: f6425ffa-a708-4206-b050-4b28a7b182f3
HTTP_ORIGIN: <https://www.swl.usace.army.mil>
HTTP_TRUE_CLIENT_IP: 2600:100b:b128:a1fa:f845:cb5e:fb1e:fadb

Privacy Act of 1974, 5 U.S.C. § 552a

Good morning, please see comments from FEMA on this project:

Please ensure that you contact your local floodplain administrator and gather the proper floodplain permits prior to work.

Thank you,

**Privacy Act of 1974, 5 U.S.C. §
552a**



Appendix H Media Coverage

Corps of Engineers seeks input about Millwood Lake

Nov 24, 2020



f t v

The U.S. Army Corps of Engineers is notifying the public that the scoping comment period for the Millwood Lake Master Plan and Shoreline Management Plan revisions has opened.

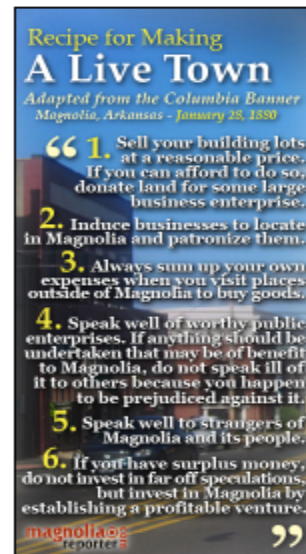
"Scoping" is the process of determining the scope, focus, and content of master plan (MP) and shoreline management plan (SMP) update documents. For a planning process such as the MP and SMP revision, the scoping process is used as an opportunity to get input from the public and resource agencies about the vision for the MP and SMP update and the issues that the MP and SMP should address where possible.

The MP guides the management of the government lands around Corps of Engineers reservoirs. It also affects future management of natural resources and recreational opportunities to ensure the sustainability of Millwood Lake. The planning process will include an analysis of potential effects on the natural and social environment, including fish and wildlife, recreation opportunities, economics, land use, cultural and historical resources, aesthetics, and public health and safety.



The SMP for Millwood Lake establishes policy and furnishes guidelines for the protection and preservation of the environmental characteristics of the shoreline while maintaining a balance between public and private shoreline uses.

[CLICK HERE](#) to find out more about the Millwood Lake MP and SMP.



Recent Headlines

Mike McNeill's Diary for Wednesday, January 13, 2021: The three- or four-party system
2 hrs ago

SR Industries names chief

Appendix B

Millwood Lake Master Plan and Shoreline Management Plan Draft Release Comments Report



**US Army Corps
of Engineers®**

Millwood Lake Master Plan Revision

Draft Release Comments Report

Appendix B to the Millwood Lake Master Plan and Shoreline
Management Plan Revision Environmental Assessments



FINAL: May 2022

Millwood Lake Master Plan and Shoreline Management Plan Revision
Draft Release Comments Report
Appendix B to the Millwood Lake Master Plan and Shoreline Management Plan Revision
Environmental Assessments

FINAL: May 2022

Prepared by:
US Army Corps of Engineers
Little Rock District
P.O. Box 867
Little Rock, AR 72203

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Acronyms

- ADA Americans with Disabilities Act
- CEQ Council on Environmental Quality
- CFR Code of Federal Regulations
- EA Environmental Assessment
- EIS Environmental Impact Statement
- EP Engineer Pamphlet
- ER Engineer Regulation
- MP Master Plan
- SMP Shoreline Management Plan
- NEPA National Environmental Policy Act
- R1S Recreation 1 Stop
- OMP Operational Management Plan
- P.L. Public Law
- SMP Shoreline Management Plan
- URL uniform resource locator
- WMA Wildlife Management Area

1. Introduction

1.1 Overview

The United States Army Corps of Engineers (USACE) Little Rock District is proposing to revise the Millwood Lake Master Plan and Shoreline Management Plan. The Master Plan (MP) guides the management of the government-owned and leased lands around the lake. The MP affects future management of natural resources and recreational opportunities to ensure the sustainability of Millwood Lake. The SMP is a comprehensive plan for managing the shoreline, including effects of human activities on the shoreline.

The MP is the guidance document that describes how the resources of the lake will be managed in the future and provides the vision for how the lake should look in the future. The MP does not address the details of how and where shoreline use permits may be issued. After the MP is revised and when funding becomes available, the Operational Management Plan (OMP) for the lake would be revised to be consistent with the goals identified in the MP and SMP.

The current Millwood Lake MP was developed over 40 years ago, and original estimates of future population and land use do not align with current demographics. The MP revision will re-classify the government lands around the lake based on environmental and socioeconomic considerations, public input, and an evaluation of past, present, and forecasted trends.

USACE Engineer Regulation (ER) and Engineer Pamphlet (EP) 1130-2-550 with Change 7 and Change 5, respectively, dated January 30, 2013, establish guidance for developing MPs and OMPs for USACE Civil Works projects. MPs are required for fee-owned lands, in addition to civil works projects, for which USACE has administrative responsibility for management of natural and manmade resources. The primary goals of a MP are to “prescribe an overall land use management plan, resource objectives, and associated design and management concepts” (EP 1130-2-550). MPs are reviewed every 5 years, and minor changes are made through supplements. A MP that has been excessively supplemented or does not serve its intended purpose due to changes in the project should be revised.

Preparation of, and periodic revisions of an SMP are mandated by federal regulations found in Title 36 of the Code of Federal Regulations (CFR), Section 327.30, which also contains requirements for an SMP. The SMP regulates activities that may occur along the shoreline such as dock construction, improved access paths to docks, and vegetation management on the government lands and waters. The SMP for Millwood Lake establishes policy and furnishes guidelines for the protection and preservation of the desirable environmental characteristics of the shoreline while maintaining a balance between public and private shoreline uses.

The Millwood Lake SMP was last publicly reviewed and revised in 2006. It was administratively reviewed and revised with minor administrative changes in 2012; however, with an update to the MP, it is important that the SMP be updated to reflect current conditions and the management direction as described in the MP. Updates to the plan are expected to include a review of current management practices of the lake and to take advantage of current

technologies.

USACE has prepared an Environmental Assessments (EA) for both the MP and SMP in compliance with the National Environmental Policy Act (NEPA) of 1969 (as amended), the Council on Environmental Quality (CEQ) guidelines (40 Code of Federal Regulations [CFR] Parts 1500-1508), and ER 200-2-2 Procedures for Implementing NEPA. The EAs evaluate the potential environmental effects of the MP and SMP revisions. Environmental Impact statements (EIS) would be prepared only if significant environmental effects that are identified during preparation of the EAs could result from the MP and SMP revisions.

1.2 Purpose and Need for Master Plan Revision

The purpose of the project is to review and revise the Millwood Lake MP and SMP. Both plans strive to balance public use of federal lands and waters with the conservation and protection of natural resources for future generations. Revisions to the MP and the SMP are needed for the following reasons:

For the MP:

- Ensure accurate land classification and resource protection for future generations.
- The existing plan format and mapping technology is outdated and not compliant with current Master Plan format and technology requirements.
- Current Corps policies/regulations, budget processes, business line performance measures, and priorities are not reflected.
- Customer uses have remained similar, but trends, recreation equipment (e.g. RV size, vessel size, etc.), facility use (amp service, Wi-Fi, etc.), and service demands have shifted since approval of the last master plan in 1974; for example, there has been an increase in visitation, tourism, and adjacent development.
- Demands on fixed resources challenge the existing master plan.
- Partners and stakeholders are engaged with the Corps and seek to increase and sustain benefits provided by the lake.
- Identify issues related to ecosystem stewardship including vegetation and siltation management.

For the SMP:

- Current technology allows for more accurate representation of shoreline allocations.
- Current Corps policies/regulations, budget processes, business line performance measures, and priorities are not reflected.
- Shoreline Management and private development have resulted in environmental and management issues, causing sustainability concerns.
- Partners are increasingly concerned with management of lake resources and impacts to environmental quality.

As described in Engineering Pamphlet (EP) 1130-2-550, the national goals for MPs are:

- **GOAL A.** Provide the best management practices to respond to regional needs, resource capabilities and suitabilities, and expressed public interests consistent with authorized project purposes.
- **GOAL B.** Protect and manage project natural and cultural resources through sustainable environmental stewardship programs.
- **GOAL C.** Provide public outdoor recreation opportunities that support project purposes and public demands created by the project itself while sustaining project natural resources.
- **GOAL D.** Recognize the particular qualities, characteristics, and potentials of the project.
- **GOAL E.** Provide consistency and compatibility with national objectives and other State and regional goals and programs.

1.3 Project Area

The Millwood Lake Civil Works project on the Little River is located 16 river miles above its confluence with the Red River, about seven miles east of Ashdown, AR. Millwood Lake was authorized for construction by the Flood Control Act approved 3 July 1958. At conservation pool, the lake has 37,631 acres of land and water with 92 miles of boundary line. The lake provides many recreational opportunities, along with fish and wildlife habitat.

Millwood Lake is located in the southwest corner of Arkansas and provides many recreational opportunities. Its 20,000 acres of inundated timber provide exceptional fish habitat for the wide variety of fish. Millwood provides some of the best fishing opportunities and attracts anglers from across the country. Millwood is the natural home to many American alligators that can be spotted in the waters and shorelines of recreation areas. The lake and its surrounding environment make it one of Arkansas's best birding locations. Birders from across the nation come to Millwood to get a glimpse of the over 300 bird species making appearances throughout the year. The U.S. Army Corps of Engineers manages 12 recreation areas around the lake and provides oversight to four leased recreation areas: Jack's Isle, Millwood State Park, Patterson Shoals, and Yarborough Landing.

1.4 Purpose of this Report

The following report summarizes the public participation process for, and the public comments resulting from, the Millwood Lake MP & SMP Revision draft plan release public workshop and comment periods.

2. Draft Plan Release Process

2.1 Overview

In accordance with NEPA and ER 200-2-2, USACE initiated the environmental compliance and review process for the Millwood Lake MP and SMP revision projects. Draft EAs have been prepared to identify potential direct, indirect, and cumulative impacts related to implementation of the MP and SMP.

As part of the draft plans release phases of the environmental process, a 45-day comment period was held from October 21 to December 6, 2021, and a 30-day comment period for agencies was held from January 10 to February 8, 2022. During the agency comment period, USACE was notified of additional tribal and agency interests that were not included as part of the initial agency notification. Therefore, a third comment period was held between February 15 and March 16, 2022, to allow these agencies an opportunity to provide input. A fourth and final comment period was held between April 12 and May 11, 2022, that included all identified public, agency and tribal government stakeholders. A workshop was held on November 4th, 15 days after the draft plans were released to gather comments on the draft revised MP, SMP, and the associated draft EAs. The workshop gave the public an opportunity to learn about the alternatives and provide input on the draft MP, SMP and EAs.

Workshop attendees were provided a comment card that asked for comments about the draft plans and the environmental reviews as follows:

- Please provide your comments and suggestions on the draft Millwood Lake Master Plan and draft Environmental Assessment.
- Please provide your comments and suggestions on the draft Millwood Lake Shoreline Management Plan and draft Environmental Assessment.

USACE published notice of the public workshop through a direct mail postcard and email notifications, news releases, and announcements on the Millwood Lake Master Plan and Shoreline Management revision webpage, and the Little Rock District Facebook and Twitter pages. The postcard and email notifications were sent to landowners adjacent to USACE-owned lands around the lake, holders of fishing licenses purchased in Arkansas whose listed zip code is within 7 miles of Millwood Lake, shoreline use permit holders, marina and resort owners, dock builders, and those with held reservations to camp at Millwood Lake campground within the 2019 recreational season. Postcards were sent to those for whom only a postal address was available; all others received email notifications. Flyers were posted on bulletin boards at campgrounds and recreational facilities throughout the lake. For the second, third and fourth comment periods from January 10 to February 8, 2022, February 15 to March 16, 2022, and April 12 to May 11, 2022, agency coordination letters were sent to potentially interested agencies.

2.2 Millwood MP & SMP Webpage

A webpage, <https://www.swl.usace.army.mil/Missions/Planning/Millwood-Lake-Master-Plan-Revision/> was developed for the MP and SMP revision project. The site included information about Millwood Lake, the MP and SMP revision process, the revised draft MP, draft SMP and draft EAs. Information on the site included the dates and locations of the public workshop, how to submit comments, and who to contact for more information. The website also contained an online interactive map, an online comment form, and the Master Plan and Shoreline Management Plan revision timeline.

Short URLs or specific web addresses were developed for each notification method (e.g., postcard, email), which made it easier for the public to access the webpage and also allowed USACE to evaluate the effectiveness of each notification method. Between October 21, 2021, and May 11, 2022, 347 people visited the Millwood Lake MP and SMP webpage.

2.3 Public Outreach

2.3.1 Notification Database

USACE maintains a database of stakeholder groups interested in activities around Millwood Lake. Other databases maintained by USACE include shoreline use permit holders, boat slip owners, and dock builders. In addition, USACE developed a list of adjacent property owners based on the databases maintained by the county assessor's office of the surrounding counties. USACE also compiled a list of parties who had made campground reservations through the Recreation 1 Stop (R1S) reservation system for camping visits at Millwood Lake during the 2019 camping season. Finally, USACE obtained the database of holders of fishing licenses purchased in Arkansas whose listed zip code is within 7 miles of the Millwood Lake Project boundary line.

2.3.1.1 Public Notification Activities

Invitations to the workshop were mailed directly to individuals and organizations on the Millwood Lake MP and SMP mailing list, and email notification invitations were sent to persons and organizations where email addresses were available. Additionally, public workshop information was provided on the webpage created for the revision process. Facebook and Twitter were also used to distribute project information to encourage public participation during the comment period and to notify followers of the scheduled workshop.

Each notification medium was assigned a unique short uniform resource locator (URL) to direct recipients to the Millwood Lake MP & SMP webpage for more information. This allowed USACE to identify how people heard about the workshops and the master planning process and evaluate the effectiveness of various notification methods for future projects.

2.3.1.2 Direct Mail Notification

On October 21, 2021, 8,626 postcards were mailed to those listed in the notification database without email addresses. For the comment period April 12 to May 11, 2022, 7,200 postcards were mailed to those listed on the notification database and mailing addresses verified through the U.S. Postal Service. The distribution of postcard recipients is illustrated in Figure 2-4 by zip

code.

The postcard notification included information on the Millwood Lake MP & SMP web address where the draft documents may be found, provide details on the public workshop location and date, how to provide comments, and the comment period closing date. The direct mail postcard is included in Appendix C.

2.3.1.3 E-mail Notification

An email notification was sent on October 21, 2021, and on April 8, 2022, to approximately 1,153 email addresses. These emails were sent to those in the notification database for whom email addresses were available. The majority of these email recipients were comprised of individuals who made reservations to camp at Millwood Lake during the peak recreation season in 2019. The information in the email notification was the same as the information on the postcard notification.

2.3.1.4 Social Media

The Little Rock District Facebook and Twitter pages were used to distribute project information. Facebook and Twitter posts included information similar to that found on the Millwood Lake MP and SMP revision webpage. The Facebook posts on October 21, 2021, reached 7,266 users, a post on December 2, 2021, reached 189 users, and a post on April 5th reached 263 users. Additionally, the Twitter posts reached 333 users on October 21, 2021, and 190 users on December 2, 2021.

2.3.1.5 Other Notification Activities

In order to maximize the coverage of the outreach effort for the workshop, a media release was sent to local media outlets using the Southwestern Division, Little Rock District, Millwood Lake Media distribution list on October 21, 2021, December 2, 2021, and April 4, 2022. Copies of the press releases are in Appendix C, and copies of the media coverage and statistics are in Appendix F.

2.3.1.6 Webpage Statistics

Each type of media notification (e.g., display ads, postcard, email, Facebook page, etc.) provided a different URL or specific web addresses to the Millwood Lake MP & SMP webpage. This was done in order to gather information on how people found out about and accessed the Millwood Lake MP & SMP webpage. The following is a list of the number of people who accessed the webpage organized by the media notification web address used. In total, the specific short web addresses were used 347 times during the draft release comment periods.

- News release: 142
- Postcard notification: 70
- Email notification: 62
- Comment cards: 21
- Agency letter: 30

- Facts Sheet: 18
- Flyer: 4

2.3.2 Public Workshop

USACE hosted a public workshop to gather input on the draft revised MP, draft revised SMP and the Draft EA. The workshop was scheduled in compliance with NEPA guidelines, and locations were selected to reflect equitable geographic coverage. The meeting location was within the project area near the lake. The location was also Americans with Disabilities Act (ADA) compliant. The workshop was held 15 days after the draft documents became available to the public.

A total of 22 people signed in at the workshop (Figure 2-1 and Figure 2-2). One comment card was returned at the workshop. An additional 12 comment submittals were received via letters, email, and mailed comment cards during the public comment periods. In total, five comment submittals from members of the public and eight comments from agencies were received by the end of the comment period.

Workshop 1: Ashdown, AR

Thursday, November 4, 2021

4:00 to 8:00 p.m.

Family Life Center

Central Baptist Church

271 W. Commerce St.

Ashdown, Arkansas 71822

Attendees: 22 signed in

Comments: 1 comment card was submitted at the workshop



Figure 2-1 Ashdown, AR Workshop, Photo 1

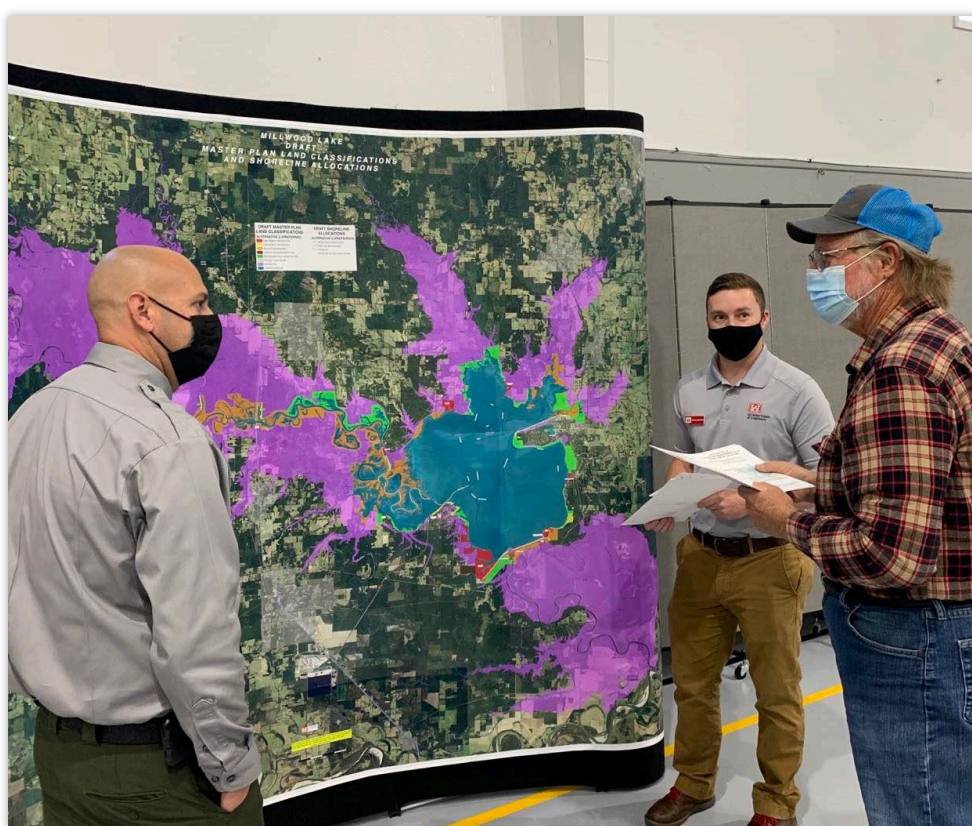


Figure 2-2 Ashdown, AR Workshop, Photo 2

2.3.2.1 Public Workshop Format

The purpose of the public workshop was to present the alternatives for both plans and get feedback on the draft revised MP, draft revised SMP and the draft EAs. Due to evolving safety protocols during the COVID-19 pandemic, the workshop was held in a non-traditional fashion for the draft release. Attendees to the draft release workshop were requested to wear a facemask and maintain a six-foot social distance. Four computers were set up during the workshop with links to the online interactive map of the lake and the alternative land classifications to facilitate responses to questions about the lake, the MP revision, and the SMP revision (Figure 2-3). Additionally, a large, printed map of Millwood Lake displaying the preferred alternative land classifications was available for review (Figure 2-2). The workshop and materials provided and presented were utilized in such a way as to prevent participants from grouping up in close proximity, therefore decreasing the chances of potentially contracting or spreading the COVID-19 and variant viruses.

Written comments were collected at the workshop in the form of the comment cards and also were accepted by mail, fax, and e-mail after the workshop until the close of the comment period.



Figure 2-3 Interactive Maps at the Ashdown, AR Workshop

2.3.2.2 Public Workshop Materials

Each workshop attendee was provided a double-sided fact sheet (Appendix C) and a comment card (Appendix C). The fact sheet provided a brief overview and comparison of the alternatives for both plans. The comment card included information on how to comment and allowed attendees to either submit written comments at the workshop or to mail them in after the workshop. The comment card was designed as a self-mailer so that individuals could easily mail comments to USACE if they needed more time to develop their comments after attending the public workshop.

2.4 Comments Received

All persons interested in providing feedback on the draft plans were provided opportunities to submit written comments at the workshop as well as via email, fax, or mail. Persons attending the workshop could also provide verbal comments by speaking to a USACE staff member responsible for transcribing verbal comments from members of the public if there was a need. The comment cards distributed at the public workshop was designed to facilitate return of written comments either at the public workshop or via mail later during the public comment period. Email comments could be sent to a project specific email address, which was included on the Millwood Lake MP & SMP revision webpage as well as on all of the notice materials distributed. Many open house participants took multiple comment cards to distribute to friends and family who were not able to attend an open house in person.

In total, there were six comment submittals (letters, emails, comment cards, or oral comments) from members of the public and seven responses from agencies. Copies of all of the public and agency comments submitted during the comment periods are included in Appendix D.

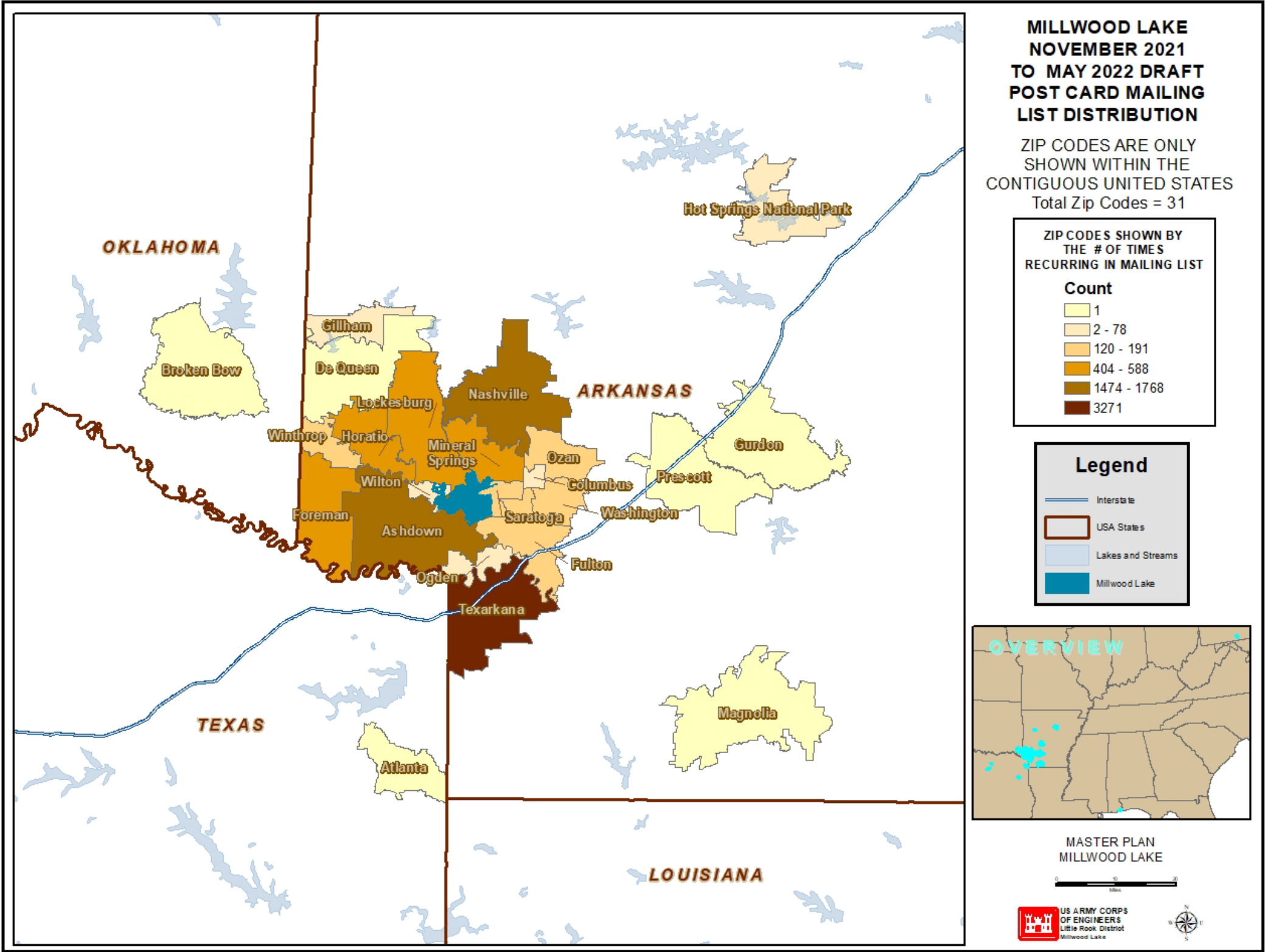


Figure 2-4 Distribution of Postcard Notification by Zip Code

3. Summary of Draft Release Comments

3.1 Introduction

USACE accepted comments on the Millwood Lake MP & SMP revisions throughout the comment periods. Community groups, members of the public, and other interested parties submitted six letters, e-mails, comment cards, and faxes during this period. The summary table (Table 3-1) provides a tally of the topics discussed in the comments.

It should be noted that the combined numbers of comments listed in the following subsections and the summary table is greater than the total number of comment submissions because most people discussed multiple topics in their submission. Topics covered in the comments included general comments about the plan and the environmental review as well as general comments about the lake.

3.2 Summary of Comments

Table 3-1 provides a summary of the comments received during the comment period. While this table does not include every comment received, it provides a general summary of the topics most frequently submitted during the comment period. The full text of all written comments submitted by members of the public, agencies or stakeholder organizations is provided in Appendix D and Appendix E.

Table 3-1 Summary of Comments Received

| Comments and suggestions on the Draft Master Plan and Environmental Assessment |
|--|
| <ul style="list-style-type: none"> ▪ No Change (1) ▪ Support ESA land class near White Cliffs campground (1) ▪ Increase Vegetative Management (1) ▪ Address siltation and sediment load issue (1) ▪ Proper maintenance of river channel buoys (1) ▪ Create boat lanes for Little River (1) ▪ Increase Nutria Rats as a vegetative management technique (1) ▪ Consider increasing flood water capacity (1) ▪ Perform drawdowns (1) ▪ ADA accessibility at Paraloma ramp (1) ▪ Maintain existing lake access (1) ▪ Preserve history of the area (1) ▪ Improve Paraloma fishing ramp (1) |
| Comments and Suggestions on the draft Shoreline Management Plan and Environmental Assessment |
| <ul style="list-style-type: none"> ▪ No Change (1) ▪ In favor of Natural Shoreline/Shoreline Protection (1) |

3.2.1.1 Location Specific Requests

Location specific comments are summarized below.

- “River buoys constantly pushed out of the Little River channel & impede navigation creating safety hazards.”
- “Mark Little River channel with pole markers (as you did on boat lanes) from outlaw trail to open water in front of dam throughout the flooded timbered section of main lake body, that would mark channel both sides of the boating lanes already marked with poles on both sides of Little River from mile marker 10 to mile marker 0 or open water in front of dam.”
- “Press Little River County (lessee) to maintain property on 99-year lease.”
- “Paraloma Landing needs ramp for handicap peoples. Also need ramp designed to slow down the waves when the wind is up.”

3.2.1.2 Agency Comments

Agency comments are summarized below.

- “Any proposed changes that would modify the release volumes and schedules or change the existing inundation in upstream tributaries would need to account for possible affects to listed species.” (USFWS)
- "Lake management modifications that would result in negative or positive effects to federally listed or threatened or endangered species should be in consultation with the U.S. Fish and Wildlife Service per Sec 7a2 of the Endangered Species Act."
- “...The ONHPO is not aware of, but has a general concern or, any burials (graves, mounds, cairns), prehistoric districts, sites or objects included in or eligible for inclusion in the National Register of Historic Places (36 CRF § 800.16(1)) or have not been evaluated pursuant to 36 CFR § 80.4(c) in consultation with the Osage nation that may be located within the area of potential effects (APE). If any are identified within the APE during any identification efforts conducted for the proposed project, including background research and cultural resource surveys, the Osage nation requests to be notified and provided with all relevant CRS reports and correspondence of the State Historic Preservation Office (SHPO), or affiliated reviewing state agency, for review and comment prior to the federal agency’s approval of the proposed undertaking....” (Osage Nation Historic Preservation Office (ONHPO))
- “Based on the provided information in the Environmental Assessments and the draft Master Plan and Shoreline Management Plan, we recommend the implementation of the alternatives that provide the most protection to archeological and historic resources at Millwood Lake. We noticed that the Arkansas Archeological Survey will be “encouraged

to complete excavation and salvage operations prior to development” of the White Cliffs area (Pages 19 and 25 of the draft Environmental Assessments). We request that the Arkansas Archeological Survey be consulted on any future correspondence regarding the Master Plan as well as any Section 106 undertakings involving Millwood Lake. We look forward to reviewing any proposed ground-disturbing activities at Millwood Lake in order to identify and preserve historic properties.” (AHPP)

- “Tribes that have expressed an interest in the area include the Caddo Nation, the Choctaw Nation of Oklahoma, the Osage Nation, the Quapaw Nation, and the Shawnee Tribe. We recommend consultation in accordance with 36 CFR § 800.2(c)(2).” (AHPP)
- “Chapter 2; Section O Recreation Facilities, Activities, and needs; Part 2 Recreation Areas: Subset o Millwood State Park, page 50
 1. Millwood State Park consists of 824 acres leased from the COE
 2. “The anticipated park improvements for the future include (pending receipt of funds):” should list the following projects
 - Addition of waterborne restroom with showers
 - Renovation of campground
 - Addition of new residence
 - Renovation of the marina
 - Renovation of the day-use area.
 - Dredge work to include the waterway
 - Design for a new visitor Center
 - Construction of a new Visitor Center”

4. Next Steps: MP Revision Process

The purpose of the Millwood Lake MP and SMP Revision draft plan release workshop and comment periods were to provide an opportunity for agencies and the public to learn about the draft alternatives and provide input on the draft MP, SMP, and EAs to help guide future land use and management at Millwood Lake.

USACE will consider the comments and issues identified during the draft release comment period as the final MP, SMP and EAs are developed. The final MP, SMP and the EAs will be made available to the public. It is anticipated that this will occur in mid-2022.

Individual responses to comments provided during the draft release comment periods are not developed in the preparation of an EA. Where consistent with the purpose of an MP and SMP and where possible under the planning mechanisms utilized during a MP and SMP revision, USACE will incorporate the feedback and suggestions provided through the comments.

Appendix A: Agencies Notified of Draft Release

Agencies

- Arkansas Department of Agriculture, Forestry Division
- Arkansas Department of Energy and Environment
- Arkansas Department of Parks and Tourism
- Arkansas Game and Fish Commission
- Arkansas Natural Heritage Commission
- Arkansas State Clearing House
- Arkansas State Historic Preservation Office
- Caddo Nation Tribal Historic Preservation Office
- Cherokee Nation, Tribal Historic Preservation Office
- Choctaw Nation Tribal Historic Preservation Office
- Delaware Nation, Cultural Historic Preservation Office
- Environmental Protection Agency, Office of Planning and Coordination
- Environmental Protection Agency, Region 6, 6WQ-EM
- FEMA, Federal Regional Center
- Millwood State Park
- Shawnee Tribe
- Southwest Arkansas Water District
- The Osage Nation
- The Osage Nation, Tribal Historic Preservation Office
- The Quapaw Tribe of Indians
- U.S. Department of Agriculture, Natural Resources Conservation Service
- U.S. Department of the Interior, Office of Environmental Policy and Compliance
- U.S. Fish and Wildlife Service
- U.S. Geological Survey, Southwest Region
- Hempstead County Judge
- Howard County Judge
- Little River County Judge
- Sevier County Judge
- Red River Valley Association
- Arkansas Natural Heritage Commission
- Arkansas Ecological Service Field Office
- Arkansas Department of Health
- Sevier County Office of Emergency Management
- Hempstead county Office of Emergency Management
- Little River County Office of Emergency Management
- Southeast Arkansas Planning and Development District

Organizations

Dock Builders

- Williamson Boat Docks Inc.
- Super Duty Docks & Lifts
- Deck, Docks & More Inc.
- Larry Diggs Construction Inc.
- Justin Simmons Construction LLC

Timber Buyers

- Domtar Ind.
- Weyerhaeuser
- Little River Hardwoods
- Millwood Corporation
- Hess Lumber Company Lovewell Timber Harvest
- Huber Engineered Woods LLC
- International Paper
- Magnolia Pulpwood Company
- Anthony Timberlands
- Prescott Land and Timber Co.

Appendix B: Agency Notification



DEPARTMENT OF THE ARMY
LITTLE ROCK DISTRICT, CORPS OF ENGINEERS
POST OFFICE BOX 867
LITTLE ROCK, ARKANSAS 72203-0867
www.swl.usace.army.mil/

January 3, 2022

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

Dear [REDACTED]:

The Army Corps of Engineers (USACE), Little Rock District, is revising the Millwood Lake Master Plan, last revised in 1974, and Shoreline Management Plan, last revised in 2012. Pursuant to the National Environmental Policy Act (NEPA) of 1969 (P.L. 91-190) Environmental Assessments (EA) of potential impacts of the draft plans have also be prepared. Your agency is invited to review and comment on the draft Master Plan, Shoreline Management Plan, and associated draft EAs. The draft documents may be found at: <https://go.usa.gov/x7Wns>. Comments are requested between January 10 and February 8, 2022.

The Master Plan guides the management of government-owned and leased lands around the lake. Decisions about land use classifications in the Master Plan may affect future management of natural resources and recreational opportunities. The Shoreline Management Plan establishes policy and furnishes guidelines for the protection and preservation of the desirable environmental characteristics of the shoreline while maintaining a balance between public and private shoreline uses. The Shoreline Management Plan main objectives are to manage and protect the shoreline, to establish and maintain acceptable fish and wildlife habitat, aesthetic quality and natural environment conditions and to promote the safe and healthful use of the lake and shoreline for recreational purposes by all Americans.

Input from the agencies and the general public will help define the needed revisions to the draft plans. The final Master Plan and Shoreline management plan is scheduled for completion in early 2022.

The purpose of the update is to bring the Master Plan and Shoreline Management Plan into compliance with current USACE policies and regulations, identify usage trends and customer needs, and balance shoreline uses with natural resource management. Updates to these plans have included review of current management practices of the lake and utilizing current technologies.

Your agency has been identified by the USACE as one that may have an interest in

-2-

this project. Revisions to the Master Plan and Shoreline Management Plan may have important implications for surrounding residential communities, businesses, parks, and natural areas. As a result, USACE is requesting your input and agency's expertise to assist in the refinement of the draft master plan and environmental assessment as required by NEPA and the USACE Engineer Regulation ER 200-2-2 "Procedures for Implementing NEPA".

Comments may be submitted via mail, email, or fax with attention to: Millwood Lake MP & SMP Planner, Natural Resources Management Section, USACE, Little Rock District, P.O. Box 867, Little Rock, AR 72203; Fax: (501) 324-6230; Email: ceswl-millwoodlakempandsmprevision@usace.army.mil. Written comments must be postmarked, e-mailed, faxed, or otherwise submitted by February 8, 2022. If we do not hear from you within this time period, we will assume your agency has no comments at this time.

If you have any questions regarding this invitation, please contact me at (501) 324- [REDACTED] or via email at [REDACTED].

Sincerely,

[REDACTED]
[REDACTED]
[REDACTED]
USACE, Little Rock District



DEPARTMENT OF THE ARMY
LITTLE ROCK DISTRICT, CORPS OF ENGINEERS
POST OFFICE BOX 867
LITTLE ROCK, ARKANSAS 72203-0867
www.swl.usace.army.mil/

April 8, 2022



The U.S. Army Corps of Engineers (USACE), Little Rock District, is revising the Millwood Lake Master Plan, last revised in 1974, and Shoreline Management Plan, last revised in 1993 and most recent administrative review in 2012. Pursuant to the National Environmental Policy Act (NEPA) of 1969 (P.L. 91-190) Environmental Assessments (EA) of potential impacts of the draft plans have also been prepared. Your agency is invited to review and comment on the draft Master Plan, Shoreline Management Plan, and associated draft EAs. The draft documents may be found at: <https://go.usa.gov/x7Wns>. Comments are requested between April 12, 2022, and May 11, 2022.

During the Master Plan, Shoreline Management Plan and Environmental Assessment planning process an incorrect email address was included on the notification materials. To give everyone who has an interest in Millwood Lake an opportunity to comment on the draft documents, USACE is reopening the comment period. If you have a comment on these draft documents or if you provided comments during the previous comment period, please resubmit your comment to be considered.

The Master Plan guides the management of government-owned and leased lands around the lake. Decisions about land use classifications in the Master Plan may affect future management of natural resources and recreational opportunities. The Shoreline Management Plan establishes policy and furnishes guidelines for the protection and preservation of the desirable environmental characteristics of the shoreline while maintaining a balance between public and private shoreline uses. The main objectives of the Shoreline Management Plan are to manage and protect the shoreline, to establish and maintain acceptable fish and wildlife habitat, to promote aesthetic quality, natural environment conditions, and the safe and healthful use of the lake and shoreline for recreational purposes.

Input from the agencies and the general public will help define the needed revisions to the draft plans. The final Master Plan and Shoreline Management Plan is scheduled for completion in the summer of 2022.

-2-

The purpose of the update is to bring the Master Plan and Shoreline Management Plan into compliance with current USACE policies and regulations, identify usage trends and customer needs, and balance shoreline uses with natural resource management. Updates to these plans have included review of current management practices of the lake and utilizing current technologies.

Your agency has been identified by the USACE as one that may have an interest in this project. Revisions to the Master Plan and Shoreline Management Plan may have important implications for surrounding residential communities, businesses, parks, and natural areas. As a result, USACE is requesting your input and agency's expertise to assist in the refinement of the draft master plan and environmental assessment as required by NEPA and the USACE Engineer Regulation ER 200-2-2 "Procedures for Implementing NEPA".

Comments may be submitted via mail, email, or fax with attention to: Millwood Lake MP & SMP Planner, Natural Resources Management Section, USACE, Little Rock District, P.O. Box 867, Little Rock, AR 72203; Fax: (501) 324-6230; Email: CESWL-MillwoodLakeMPandSMPRevision@usace.army.mil. Written comments must be postmarked, e-mailed, faxed, or otherwise submitted by May 11, 2022.

If you have any questions regarding this invitation, please contact me at (501) 324-5632 or via email at James.M.Bloxham@usace.army.mil.

Sincerely,

James M. Bloxham
Natural Resources Specialist
Planner, Operations Division
USACE, Little Rock District



DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, LITTLE ROCK DISTRICT
CORPS OF ENGINEERS
P.O. BOX 867
LITTLE ROCK, ARKANSAS 72203-0867

REPLY TO
ATTENTION OF:

March 31, 2022

Natural Resources Management Section
Operations Division

Honorable Bobby Gonzalez, Chairman
Caddo Nation of Oklahoma
Attention: Jonathan M. Rohrer
Tribal Historic Preservation Officer
Post Office Box 487
Binger, Oklahoma 73009

Dear Chairman Bobby Gonzalez:

The Army Corps of Engineers (USACE), Little Rock District, is revising the Millwood Lake Master Plan, last revised in 1974, and Shoreline Management Plan, revised in 1993 and last administratively reviewed in 2012. Pursuant to the National Environmental Policy Act (NEPA) of 1969 (P.L. 91-190) Environmental Assessments (EA) of potential impacts of the draft plans have also been prepared. Your government is invited to review and comment on the draft Master Plan, Shoreline Management Plan, and associated draft EAs. The draft documents may be found at: <https://go.usa.gov/x7Wns>. In an effort to incorporate everyone's concerns, comments are requested between April 12, 2022, and May 11, 2022.

During the Master Plan, Shoreline Management Plan and Environmental Assessment planning process an incorrect email address was included on the notification materials. To give the public, agencies, and tribal governments with an interest in Millwood Lake an opportunity to comment on the draft documents, USACE is reopening the comment period.

The Master Plan guides the management of government-owned and leased lands around the lake. Decisions about land use classifications in the Master Plan may affect future management of natural resources and recreational opportunities.

The Shoreline Management Plan establishes policy and furnishes guidelines for the protection and preservation of the desirable environmental characteristics of the shoreline while maintaining a balance between public and private shoreline uses. The Shoreline Management Plan main objectives are to manage and protect the shoreline, to establish and maintain acceptable fish and wildlife habitat, aesthetic quality and natural environment

- 2 -

conditions, and to promote the safe and healthful use of the lake and shoreline for recreational purposes.

Input from the tribal governments, agencies, and the general public will help define the needed revisions to the draft plans. The final Master Plan and Shoreline Management Plan is scheduled for completion in the summer of 2022.

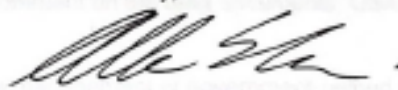
The purpose of the update is to bring the Master Plan and Shoreline Management Plan into compliance with current USACE policies and regulations, identify usage trends and customer needs, and balance shoreline uses with natural resource management. Updates to these plans have included review of current management practices of the lake and utilizing current technologies.

Your government has been identified by the USACE as one that may have an interest in this project. Revisions to the Master Plan and Shoreline Management Plan may have important implications for surrounding residential communities, businesses, parks, and natural areas. As a result, USACE is requesting your input and government's expertise to assist in the refinement of the draft master plan and environmental assessment as required by NEPA and the USACE Engineer Regulation ER 200-2-2 "Procedures for Implementing NEPA".

Comments may be submitted via mail, email, or fax with attention to: Millwood Lake MP & SMP Planner, Natural Resources Management Section, USACE, Little Rock District, P.O. Box 867, Little Rock, AR 72203; Fax: (501) 324-6230; Email: CESWL-MillwoodLakeMPandSMPRevision@usace.army.mil. Written comments must be postmarked, e-mailed, faxed, or otherwise submitted by May 11, 2022.

If you have any technical questions regarding this invitation or documents, please contact the Planner, Mr. James Bloxham, at (501) 324-5632 or via email at James.M.Bloxham@usace.army.mil. For any cultural resources questions or general concerns, please feel free to contact me at (501) 324-5752 or at Allen.D.Wilson@usace.army.mil.

Sincerely,




Allen D. Wilson
Tribal Liaison
USACE, Little Rock District

Enclosures

Appendix C: Public Notifications

- Postcard
- News Release
- Social Media Posts
- Facts Sheet
- Comment Card

Millwood Lake Master Plan & Shoreline Management Plan Revision



ATTEND THE PUBLIC WORKSHOP

Please drop in at any time during the following scheduled time:

November 4, 2021, 4-8 pm
Central Baptist Church
Family Life Center
271 W. Commerce St.
Ashdown, AR 71822

All facilities accessible to persons with disabilities


The Army Corps of Engineers, Little Rock District, is requesting comments on the draft revised Master Plan, draft revised Shoreline Management Plan, and the draft Environmental Assessments, which describes alternative plans and potential impacts.

For current information and to submit comments, please visit:
<https://go.usa.gov/x7Wny>

Attend the public workshop to learn the details of the draft alternatives and provide your input on the draft Master Plan, draft Shoreline Management Plan and Environmental Assessments to help guide future land use and management at Millwood Lake. Staff will be available to answer questions. Your input will help define the final plans and Environmental Assessments scheduled for completion in early 2022.

Comments must be submitted by December 6, 2021 to: Millwood MP & SMP Planner, Natural Resources Section
USACE, Little Rock District, P.O. Box 867, Little Rock, AR 72203
Fax: (501) 324-6230, Email: ceswl-millwoodmpandsmprevision@usace.army.mil

BUILDING STRONG



US Army Corps of Engineers®
Little Rock District

P.O. Box 867
Little Rock, AR 72203

Join us at the workshop for the

**Millwood Lake
Master Plan and Shoreline
Management Plan Revision**

Or visit our website at

<https://go.usa.gov/x7Wny>

Figure 4-1 Draft Release Postcard

Millwood Lake Master Plan & Shoreline Management Plan Revision



The Army Corps of Engineers, Little Rock District, is reopening the comment period on the draft revised Master Plan, draft revised Shoreline Management Plan, and the draft Environmental Assessments, which describes alternative plans and potential impacts.

During the Master Plan, Shoreline Management Plan and Environmental Assessment planning process an incorrect email address was included on the notification materials. To give everyone that visits and lives around Millwood Lake an opportunity to comment on the draft documents USACE is reopening the comment period between April 12, 2022, and May 11, 2022.

For current information and to submit comments, please visit:

<https://go.usa.gov/x7Wny>

If you have a comment on these draft documents or if you provided comments during the previous comment period, please resubmit your comment to be considered. Your input will help define the final plans and Environmental Assessments.

Comments must be submitted by May 11, 2022 to: Millwood MP & SMP Planner, Natural Resources Management Section
USACE, Little Rock District, P.O. Box 867, Little Rock, AR 72203

Fax: (501) 324-6230, Email: CESWL-MillwoodLakeMPandSMPRevision@usace.army.mil

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Millwood Lake Master Plan and Shoreline Management Plan Revision

Or visit our website at

<https://go.usa.gov/x7Wny>

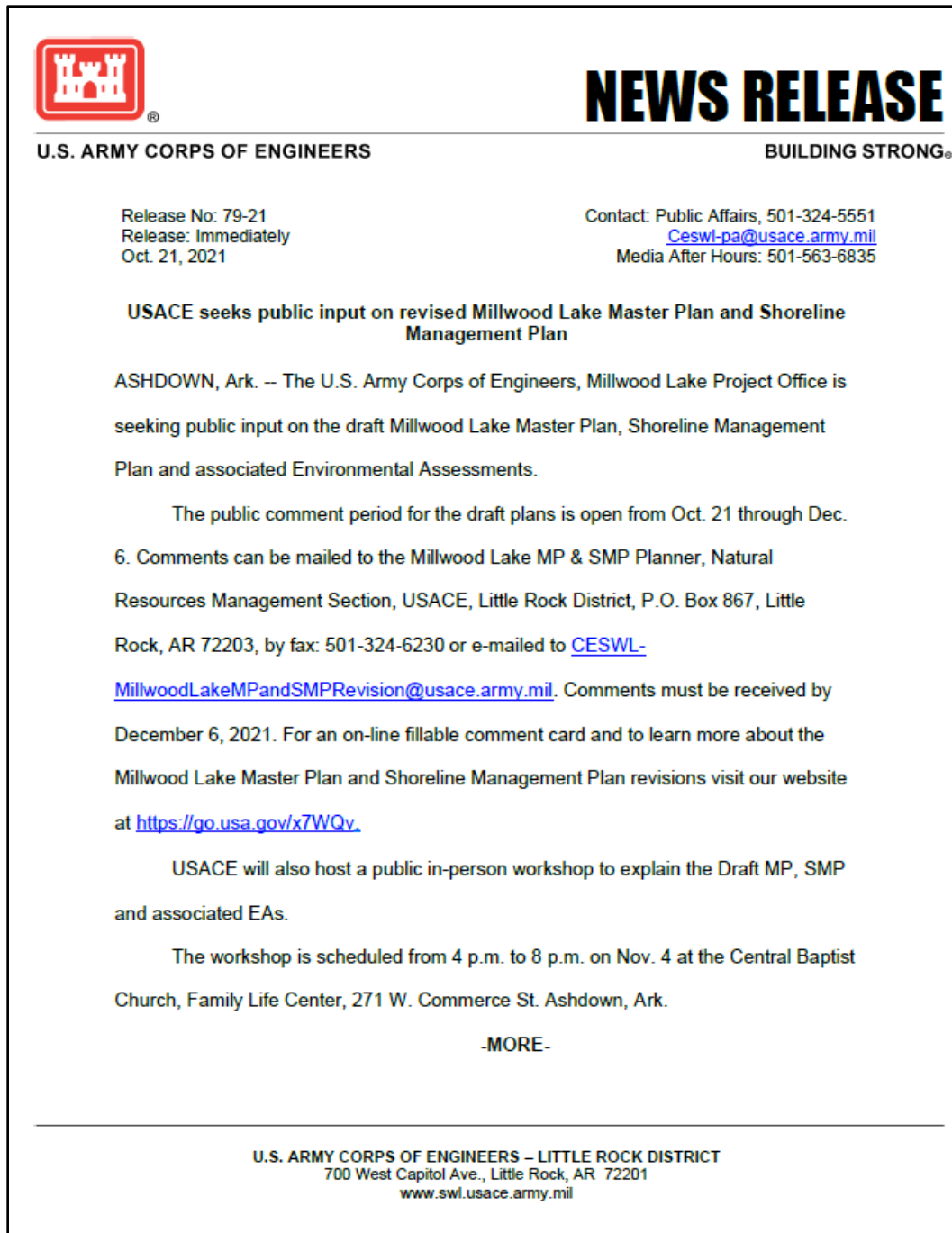


Figure 4-2 Draft Release News Release, Oct. 21, 2021

Those interested are encouraged to stop by during the scheduled times to visit with representatives from USACE. Representatives will be available to answer questions and maps will be shown to provide an overview of the revisions. This will be the final public outreach engagement for the Millwood Lake Master Plan and Shoreline Management Plan revision process before the plan revisions are complete.

Comments will also be accepted during the in-person workshop. In addition comments can be mailed to the Millwood Lake MP & SMP Planner, Natural Resources Management Section, USACE, Little Rock District, P.O. Box 867, Little Rock, AR 72203, by fax: 501-324-6230 or e-mailed to CESWL-MillwoodLakeMPandSMPRevision@usace.army.mil and must be received by December 6, 2021. For an on-line fillable comment card and to learn more about the Millwood Lake Master Plan and Shoreline Management Plan revisions visit our website at <https://go.usa.gov/x7WQv>.

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U.S. ARMY CORPS OF ENGINEERS – LITTLE ROCK DISTRICT
700 West Capitol Ave., Little Rock, AR 72201
www.swl.usace.army.mil

Figure 4-3 Draft Release News Release, Oct. 21, 2021



NEWS RELEASE

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG®

Release No: 87-21
Release: Immediately
December 2, 2021

Contact: Public Affairs, 501-324-5551
Ceswl-pa@usace.army.mil
Media After Hours: 501-563-6835

USACES reminds everyone that the public comment period for the Millwood Lake Master Plan and Shoreline Management Plan revisions ends Dec. 6

Ashdown, Ark. -- The U.S. Army Corps of Engineers is reminding those around Millwood Lake about the public comment period on the draft Millwood Lake Master Plan, Shoreline Management Plan and associated Environmental Assessments that ends Dec. 6.

Comments can be mailed to the Millwood Lake MP & SMP Planner, Natural Resources Management Section, USACE, Little Rock District, P.O. Box 867, Little Rock, AR 72203, by fax: 501-324-6230 or e-mailed to CESWL-MillwoodLakeMPandSMPRevision@usace.army.mil by Dec. 6. For an on-line fillable comment card and to learn more about the Millwood Lake Master Plan and Shoreline Management Plan revisions visit <https://go.usa.gov/x7WQv>.

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U.S. ARMY CORPS OF ENGINEERS – LITTLE ROCK DISTRICT
700 West Capitol Ave., Little Rock, AR 72201
www.swl.usace.army.mil

Figure 4-4 Draft Release News Release, Dec. 2, 2021

**U.S. ARMY CORPS OF ENGINEERS**

NEWS RELEASE

BUILDING STRONG®

Release No: 21-22
Release: Immediately
April 4, 2022

Contact: Public Affairs, 501-324-5551
Ceswl-pa@usace.army.mil
Media After Hours: 501-563-6835

USACE reopens public comment period for the Millwood Lake Master Plan and Shoreline Management Plan revisions from April 12th to May 11th

Ashdown, Ark. -- The U.S. Army Corps of Engineers is reopening the public comment period on the draft Millwood Lake Master Plan, Shoreline Management Plan and associated Environmental Assessments between April 12 and May 11, 2022.

During the MP, SMP and EA planning process an incorrect email address was included on the comment documents. To give everyone that visits and lives around Millwood Lake an opportunity to comment on the updated documents USACE is reopening the comment period. If you have a comment on these draft documents or if you provided comments through e-mail during the previous comment period, please resubmit your comment to be considered.

Comments can be mailed to the Millwood Lake MP & SMP Planner, Natural Resources Management Section, USACE, Little Rock District, P.O. Box 867, Little Rock, AR 72203, by fax: 501-324-6230 or e-mailed to CESWL-MillwoodLakeMPandSMPRevision@usace.army.mil by May 11th. For an on-line fillable comment card and to learn more about the Millwood Lake Master Plan and Shoreline Management Plan revisions visit <https://go.usa.gov/x7WQv>.

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U.S. ARMY CORPS OF ENGINEERS – LITTLE ROCK DISTRICT
700 West Capitol Ave., Little Rock, AR 72201
www.swl.usace.army.mil

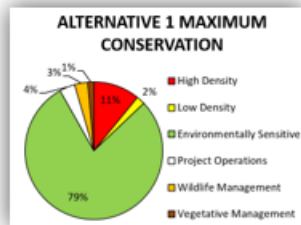
Figure 4-5 Draft Release News Release, April 4, 2022

MILLWOOD LAKE MASTER PLAN REVISION

There are several alternatives under consideration for the Millwood Lake Master Plan Revisions. Each of these alternatives and its potential impacts are summarized below. For more information, please visit <https://go.usa.gov/x7WQg>

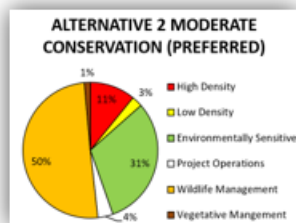


Alternative 1 – Maximum Conservation



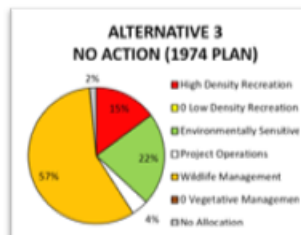
- Increase acreage of Environmentally Sensitive Areas (ESA)
- Leave Low Density Recreation land classification at ramps and historical access areas
- Wildlife Management land classification converted to ESA where no shoreline use permits currently exist.
- Currently unclassified lands would be allocated to one of the five classifications
- Maximizes the protection of natural resources

Alternative 2 – Moderate Conservation (Preferred Alternative)



- Based on current/historical management practices, scoping comments, and recognizes regional Natural Resource Management priorities
- Increased Wildlife Management land classification for islands and public use areas from the 1974 MP
- Reclassifies a large portion of Millwood State Park lease area from ESA to High Density
- Some areas that have vegetation modification permits changed to ESA to reduce future shoreline permits in these areas to protect identified cultural sites and Threatened and Endangered Species. (remain Low Density in Alternative 4)

Alternative 3 – No Action (1974 Master Plan)

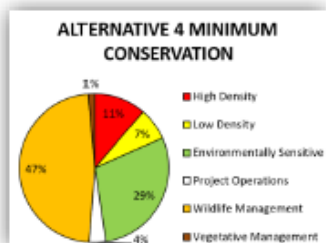


- Land classifications would stay the same as in the 1974 Master Plan
- Currently unclassified land would remain unclassified contributing to confusion about allowable land uses
- Would maintain existing resource management practices around the lake
- Would not respond to changed conditions or reflect current needs

Figure 4-6 MP Draft Release Facts Sheet Page 1

MILLWOOD LAKE MASTER PLAN REVISION

Alternative 4 – Minimum Conservation



- Land is classified as High Density Recreation and Low Density Recreation to allow future development of trails near recreation areas.
- Classified some lands adjacent to private land with development as Low Density Recreation to allow the potential for vegetation management permits.
- Unclassified lands are classified into one of the six classifications

Comparison of Land Classifications by Alternative

| Classification | Alternative 1 Maximum Conservation | | Alternative 2 Moderate Conservation (Preferred) | | Alternative 3 No Action | | Alternative 4 Minimum Conservation | |
|-------------------------------------|--|---------|--|---------|----------------------------|---------|--|---------|
| | Acres | Percent | Acres | Percent | Acres | Percent | Acres | Percent |
| Land Classification | | | | | | | | |
| High Density | 1,018.5 | 11% | 1,018.5 | 11% | 1,384.3 | 15% | 1,054 | 11% |
| Low Density | 186.6 | 2% | 243.6 | 3% | 0 | 0% | 663.5 | 7% |
| Environmentally Sensitive | 7,366 | 79% | 2,898.1 | 31% | 2,058 | 22% | 2,729 | 29% |
| Project Operations | 339.3 | 4% | 339.3 | 4% | 378.5 | 4% | 339.3 | 4% |
| Wildlife Management | 289 | 3% | 4,700 | 50% | 5,361.3 | 57% | 4,413.7 | 47% |
| Vegetative Management | 113.2 | 1% | 133.2 | 1% | 0 | 0% | 133.2 | 1% |
| Not Allocated | 0 | 0% | 0 | 0% | 150.6 | 2% | 0 | 0% |
| Water Surface Classification | | | | | | | | |
| Restricted | 76.3 | <1% | 76.3 | <1% | 76.3 | <1% | 76.3 | <1% |
| Open Recreation | 28,222.2 | >99% | 28,222.2 | >99% | 28,222.2 | >99% | 28,222.2 | >99% |

*Alternative 1 and 2 are a significant increase in conservation & preservation of the lake's natural setting over Alternative 3.

Figure 4-7 MP Draft Release Facts Sheet Page 2

MILLWOOD LAKE SHORELINE MANAGEMENT PLAN REVISION

The U.S. Army Corps of Engineers, Little Rock District (Corps), is revising the Millwood Lake Shoreline Management Plan (SMP). Based on the comments received during the SMP scoping comment period held in November and December 2020, the Corps has developed an alternative that reflects the viewpoints of lake users and stakeholders. The public comment period and public workshop is intended to solicit input and feedback on the draft alternative prior to finalization and implementation of an revised SMP. The SMP alternative under consideration aligns with the draft MP.



ABOUT THE MILLWOOD LAKE SHORELINE MANAGEMENT PLAN

The Millwood Lake SMP establishes policy and furnishes guidelines for the protection and preservation of the environmental characteristics of the shoreline while maintaining a balance between public and private shoreline uses. The SMP allows individuals to apply for shoreline use permits such as vegetative modification, private floating facilities, etc. The alternative developed for the SMP revision are consistent with the land classifications established in the draft Millwood Lake Master Plan also being reviewed.

MAJOR CHANGES TO THE MILLWOOD LAKE SHORELINE MANAGEMENT PLAN

*Will not remove valid permits *1-20 boat stalls *Suitable LDA now totals .2 miles (was 3.1 miles) *In compliance with draft Master Plan *Incorporated federal, state, and local policies into SMP *Underbrush allowed to be removed through a permit is any non-flowering tree or shrub 2 inches or less in diameter at ground level. *Only alternative power sources (e.g. solar) will be allowed for new floating facilities *Permit applicants must own at least 75 ft. of common boundary within LDA to be considered for a dock.

PROJECT TIMELINE

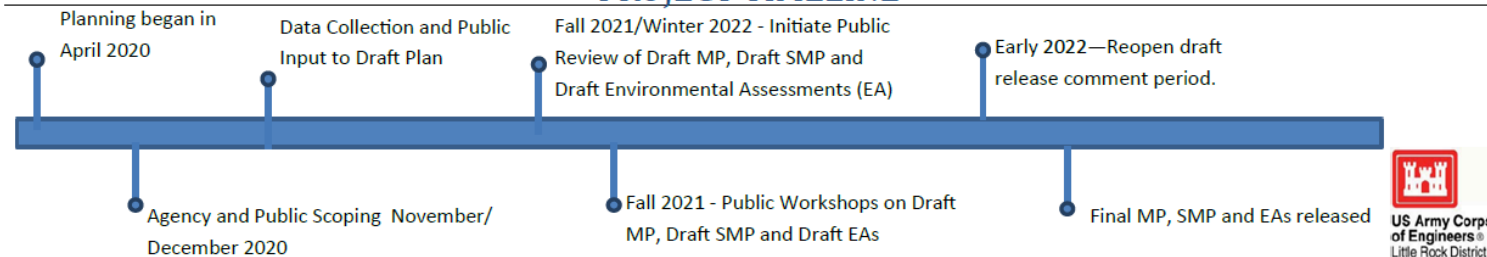


Figure 4-8 SMP Draft Release Facts Sheet Page 1

MILLWOOD LAKE SHORELINE MANAGEMENT PLAN ALTERNATIVE UNDER CONSIDERATION

- **Alternative 1 Conservative—Alternative 1 No Action**—Defined as no change from the current SMP, which was revised in 1993 and last administratively reviewed in 2012. The No Action Alternative would include policies enacted since 2012, but without changes in shoreline designations.
- **Alternative 2 (Preferred)**—Alternative 2 includes unique management measures, but also includes management measures shared by the other action alternatives. In this alternative, allocations are markedly different from the allocations in the current plan. The most substantial difference is the reallocation of LDA shoreline miles to Public Recreation Areas and Protected Shoreline Area Zoning. LDA zoning would be reduced from 3.1 miles of shoreline to .2 miles of shoreline. In Alternative 2, Public Recreation Area shoreline would be reduced from 27.2 miles to 26.3 miles. These Public Recreation Area lands would be converted primarily to Protected Shoreline Area lands, for a total of 740.9 miles.

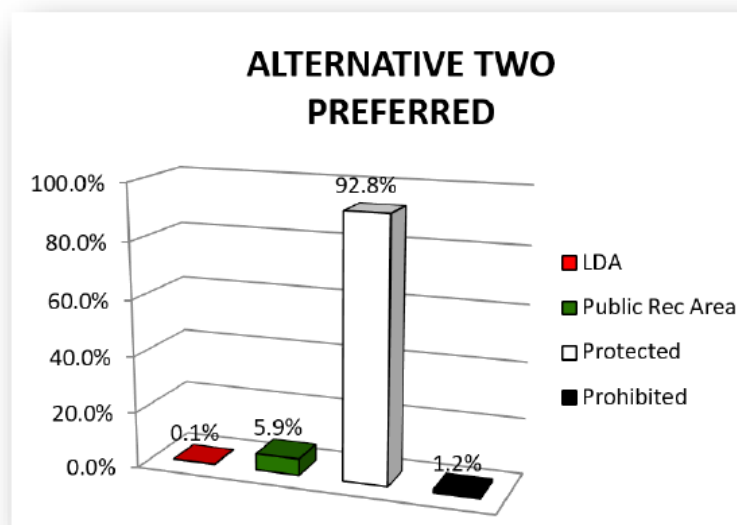
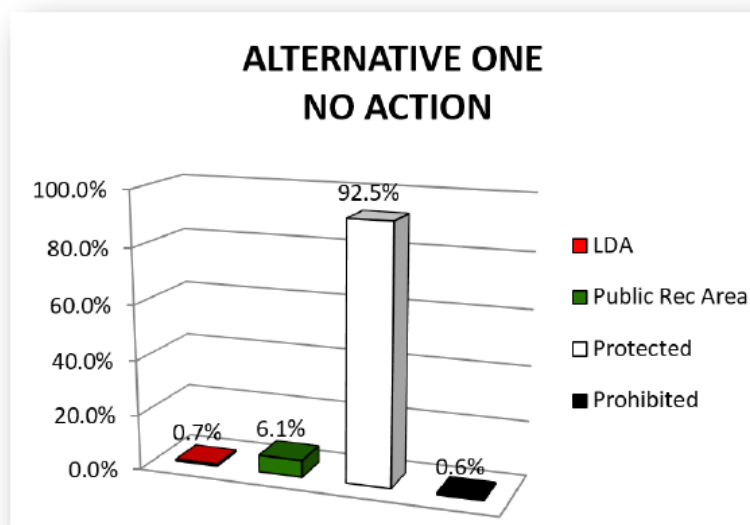


Figure 4-9 SMP Draft Release Facts Sheet Page 2

Millwood Lake Master Plan and Shoreline Management Plan Revision and Environmental Assessments

Please use this form to provide your comments on the draft revised Millwood Lake Master Plan, Shoreline Management Plan, and the associated draft Environmental Assessments (EA) and the potential impacts of the alternatives for each plan. The draft Master Plan, Shoreline Management Plan, and EAs may be found on the website at <https://go.usa.gov/x7Wnv>. Feel free to take extra forms.

Comments must be submitted by December 6, 2021 to USACE at the addresses below.

PLEASE PRINT

Name/Organization: _____

Address: _____ Zipcode: _____

Email: _____

What Master Plan (MP) alternative best encompasses your vision for the future of Millwood Lake? Please provide your comments and suggestions on the draft Millwood Lake Master Plan and Environmental Assessment.


Please provide your comments and suggestions on the draft Millwood Lake Shoreline Management Plan (SMP) and Environmental Assessment.

Comments may be submitted via mail, email, fax or the project website with attention to: Millwood MP and SMP Planner, Natural Resources Management Section, USACE, Little Rock District, P.O. Box 867, Little Rock, AR 72203. Fax: (501) 324-6230, Email: CESWL-MillwoodMPandSMPRevision@usace.army.mil.

Website: <https://go.usa.gov/x7Wnv>.

Written comments must be postmarked, e-mailed, faxed, or otherwise submitted by **December 6, 2021**.

PRIVACY ACT STATEMENT INSTRUCTIONS: AUTHORITY: ER 1130-2-550, and the laws and regulations referenced therein. **PRINCIPAL PURPOSE(S):** To provide a means for the maximum practicable public participation in Master Plan formulation, development, and subsequent revisions, through the use of public meetings, group workshops, open houses or other public involvement. **ROUTINE USE(S):** Information you provide will be available for public review or may be disclosed to members of the Department of Defense or other Government agencies who have a need for the information in performance of their official duties, and where use of such information is compatible with the purpose for which the information is collected. **DISCLOSURE:** Voluntary; however, failure to furnish the requested information may prevent the Agency from being able to direct meeting notices or provide additional information to commenters.



**US Army Corps
of Engineers®**
Little Rock District

Figure 4-10 Draft Release Comment Card

Millwood Lake Master Plan and Shoreline Management Plan Revision and Environmental Assessments



**US Army Corps
of Engineers®**
Little Rock District

Please use this form to provide your comments on the draft revised Millwood Lake Master Plan, Shoreline Management Plan, and the associated draft Environmental Assessments (EA) and the potential impacts of the alternatives for each plan. The draft Master Plan, draft Shoreline Management Plan, and EAs may be found on the website at <https://go.usa.gov/x7Wnv>. Feel free to take extra forms.

*Comments must be submitted by **May 11, 2022** to USACE at the addresses below.*

PLEASE PRINT

Name/Organization: _____

Address: _____ Zipcode: _____

Email: _____

Please provide your comments and suggestions on the draft Millwood Lake Master Plan and draft Environmental Assessment.

Please provide your comments and suggestions on the draft Millwood Lake Shoreline Management Plan (SMP) and draft Environmental Assessment.

Comments may be submitted via mail, email, fax or the project website with attention to: Millwood MP and SMP Planner, Natural Resources Management Section, USACE, Little Rock District, P.O. Box 867, Little Rock, AR 72203. Fax: (501) 324-6230, Email: CESWL-MillwoodLakeMPandSMPRevision@usace.army.mil.

Website: <https://go.usa.gov/x7Wnv>.

Written comments must be postmarked, e-mailed, faxed, or otherwise submitted by **May 11, 2022**.

PRIVACY ACT STATEMENT INSTRUCTIONS: AUTHORITY: ER 1130-2-550, and the laws and regulations referenced therein. PRINCIPAL PURPOSE(S): To provide a means for the maximum practicable public participation in Master Plan formulation, preparation and subsequent revisions, through the use of public meetings, group workshops, open houses or other public involvement. ROUTINE USE(S): Information you provide will be available for public review or may be disclosed to members of the Department of Defense or other Government agencies who have a need for the information in performance of their official duties, and where use of such information is compatible with the purpose for which the information is collected. DISCLOSURE: Voluntary; however, failure to furnish the requested information may prevent the Agency from being able to direct meeting notices or provide additional information to commenters.

Figure 4-11 Draft Release Comment Card, Corrected

Appendix D: Public Draft Release Comments

Millwood Lake Master Plan and Shoreline Management Plan Revision and Environmental Assessments



Please use this form to provide your comments on the draft revised Millwood Lake Master Plan, Shoreline Management Plan, and the associated draft Environmental Assessments (EA) and the potential impacts of the alternatives for each plan. The draft Master Plan, draft Shoreline Management Plan, and EAs may be found on the website at <https://go.usa.gov/x7Wnv>. Feel free to take extra forms.

Comments must be submitted by December 6, 2021 to USACE at the addresses below.

PLEASE PRINT

Name/O

Address:

Email:

Please provide your comments and suggestions on the draft Millwood Lake Master Plan and draft Environmental Assessment.

- * 1) NUTRIA RATS DISAPPEARED 2.5 YR AGO & ALLIGATOR POPULATION TRIPLER.
- * 2) EXCESSIVE VEGETATION EXPLODED IN GROWTH LIMITING OR ELIMINATED NAVIGATION IN MANY AREAS ON MILLWOOD LAKE.
- * 3) EXCESSIVE SILTATION & SEDIMENTATION LIMITING NAVIGATION.
- * 4) RIVER BOATS BUOYS CONSTANTLY PUSHED OUT OF LITTLE RIVER CHANNEL & IMPEDES NAVIGATION CREATES SAFETY HAZARDS.
- * 5) MARK LITTLE RIVER CHANNEL WITH POLE MARKERS (AS YOU DID ON BOAT LANES) FROM OUTLAW TRAIL TO OPEN WATER IN FRONT OF DAM.

Please provide your comments and suggestions on the draft Millwood Lake Shoreline Management Plan (SMP) and draft Environmental Assessment.

- * 5' COM) THROUGHOUT THE FLOODED TIMBERED SECTION OF MAIN LAKE BODY, THAT WOULD MARK CHANNEL BOTH SIDES LIKE THE BOATING LANES ALREADY MARKED WITH POLES, ON BOTH SIDES OF LITTLE RIVER FROM MILE MARKER (GPS) "10" TO MILE MARKER 0 OR OPEN WATER IN FRONT OF DAM.
- * 6) CONSIDER ALL OPTIONS TO INCREASE FLOOD CAPACITY & LAKE DEPTH (again).
- * 7) PRESS LITTLE RIVER COUNTY (LEASEE) TO MAINTAIN PROPERTY ON 99 YR LEASE
- * 8) RETURN ANNUAL DRAIN DOWNS OF 3-3.5 FEET TO REDUCE EXCESS VEGETATION.

Comments may be submitted via mail, email, fax or the project website with attention to: Millwood MP and SMP Planner, Natural Resources Management Section, USACE, Little Rock District, P.O. Box 867, Little Rock, AR 72203. Fax: (501) 324-6230, Email: CESWL-MillwoodMPandSMPRevision@usace.army.mil.

Website: <https://go.usa.gov/x7Wnv>.

Written comments must be postmarked, e-mailed, faxed, or otherwise submitted by December 6, 2021.

PRIVACY ACT STATEMENT INSTRUCTIONS: AUTHORITY: 5 U.S.C. 552, and the laws and regulations referenced therein. PRINCIPAL PURPOSE(S): To provide a means for the maximum practicable public participation in Master Plan formulation, preparation and subsequent revisions, through the use of public meetings, group workshops, open houses or other public involvement. ROUTINE USE(S): Information you provide will be available for public review or may be disclosed to members of the Department of Defense or other Government agencies who have a need for the information in performance of their official duties, and whose use of such information is compatible with the purpose for which the information is collected. DISCLOSURE: Voluntary; however, failure to furnish the requested information may prevent the Agency from being able to direct meeting notices or provide additional information to commenters.

Millwood Lake Master Plan and Shoreline Management Plan Revision and Environmental Assessments



Please use this form to provide your comments on the draft revised Millwood Lake Master Plan, Shoreline Management Plan, and the associated draft Environmental Assessments (EA) and the potential impacts of the alternatives for each plan. The draft Master Plan, draft Shoreline Management Plan, and EAs may be found on the website at <https://go.usa.gov/x7Wnv>. Feel free to take extra forms.

Comments must be submitted by **December 6, 2021** to USACE at the addresses below.

PLEASE PRINT

Name/

Address

Email:

Please provide your comments and suggestions on the draft Millwood Lake Master Plan and draft Environmental Assessment.

Payaloma Landing. Need ramp ^{for} Handicap ^{access}
 @ People. Also need ramp design to
 slow down the waves when the wind
 is up.

Please provide your comments and suggestions on the draft Millwood Lake Shoreline Management Plan (SMP) and draft Environmental Assessment.

Comments may be submitted via mail, email, fax or the project website with attention to: Millwood MP and SMP Planner, Natural Resources Management Section, USACE, Little Rock District, P.O. Box 867, Little Rock, AR 72203. Fax: (501) 324-6230, Email: CESWL-MillwoodMPandSMPRevision@usace.army.mil.

Website: <https://go.usa.gov/x7Wnv>.

Written comments must be postmarked, e-mailed, faxed, or otherwise submitted by **December 6, 2021**.

PRIVACY ACT STATEMENT INSTRUCTIONS: AUTHORITY: 5 U.S.C. 552, and the laws and regulations referenced therein. PRINCIPAL PURPOSE(S): To provide a means for the maximum practicable public participation in Master Plan formulation, preparation and subsequent revisions, through the use of public meetings, group workshops, open houses or other public involvement. ROUTINE USE(S): Information you provide will be available for public review or may be disclosed to members of the Department of Defense or other Government agencies who have a need for the information in performance of their official duties, and where use of such information is compatible with the purpose for which the information is collected. DISCLOSURE: Voluntary; however, failure to furnish the requested information may prevent the Agency from being able to direct meeting notices or provide additional information to commenters.

Millwood Lake Master Plan and Shoreline Management Plan Revision and Environmental Assessments



Please use this form to provide your comments on the draft revised Millwood Lake Master Plan, Shoreline Management Plan, and the associated draft Environmental Assessments (EA) and the potential impacts of the alternatives for each plan. The draft Master Plan, draft Shoreline Management Plan, and EAs may be found on the website at <https://go.usa.gov/x7Wnv>. Feel free to take extra forms.

Comments must be submitted by **December 6, 2021** to USACE at the addresses below.

PLEASE PRINT

Name/

Address:

Email:

Please provide your comments and suggestions on the draft Millwood Lake Master Plan and draft Environmental Assessment.

I strongly support the conversion to Environmentally Land that area just west of White Cliffs Campground.

Please provide your comments and suggestions on the draft Millwood Lake Shoreline Management Plan (SMP) and draft Environmental Assessment.

Comments may be submitted via mail, email, fax or the project website with attention to: Millwood MP and SMP Planner, Natural Resources Management Section, USACE, Little Rock District, P.O. Box 867, Little Rock, AR 72203. Fax: (501) 324-6230, Email: CESWL-MillwoodMPandSMPRevision@usace.army.mil.

Website: <https://go.usa.gov/x7Wnv>.

Written comments must be postmarked, e-mailed, faxed, or otherwise submitted by **December 6, 2021**.

PRIVACY ACT STATEMENT (INSTRUCTIONS): AUTHORITY: ER 1190-2-550, and the laws and regulations referenced therein. PRINCIPAL PURPOSE(S): To provide a means for the maximum practicable public participation in Master Plan formulation, preparation and subsequent revisions, through the use of public meetings, group workshops, open houses or other public involvement. ROUTINE USE(S): Information you provide will be available for public review or may be disclosed to members of the Department of Defense or other Government agencies who have a need for the information in performance of their official duties, and where use of such information is compatible with the purpose for which the information is collected. DISCLOSURE: Voluntary; however, failure to furnish the requested information may prevent the Agency from being able to direct meeting notices or provide additional information to commenters.

From: [REDACTED]
To: [CESWL-MillwoodLakeMPandSMPRevision](#)
Subject: [Non-DoD Source] Lake level.
Date: Wednesday, April 13, 2022 7:11:17 PM

I feel like the normal lake level is about a foot too shallow.

Sent from my iPhone

From: noreply@dma.mil
 To: [CESWA - Millwood Lake MP and SMP Revision](#)
 Subject: Public Comment from the Millwood Lake MP / SMP Revision Form
 Date: Friday, May 6, 2022 9:45:48 PM

Name / Organization:

Address:

E-Mail:

Phone:

Please provide your comments and suggestions on the draft Millwood Lake Master Plan and draft Environmental Assessment.

I request that the original layout be kept the way it was first laid eyes on. Access to all area. Nothing should be restricted or manufactured on this land. No extra land marks need be built only retaining walls within reason to hold the lake. From looking at the land itself it clear was inhabited by many long ago and we should preserve that history and hope that one day we may add to it. Mayan culture may have entered the area hundreds of years ago. Preservation is as important as access.

Please provide your comments and suggestions on the draft Millwood Lake Shoreline Management Plan (SMP) and draft Environmental Assessment.

I request that the original layout be kept the way it was first laid eyes on. Access to all area. Nothing should be restricted or manufactured on this land. No extra land marks need be built only retaining walls within reason to hold the lake. From looking at the land itself it clear was inhabited by many long ago and we should preserve that history and hope that one day we may add to it. Mayan culture may have entered the area hundreds of years ago. Preservation is as important as access.

| | |
|-----------------|--|
| From: | noreply@dmna.mil |
| To: | CESWL-MillwoodLakeMPandSMPRevision |
| Subject: | Public Comment from the Millwood Lake MP / SMP Revision Form |
| Date: | Thursday, May 5, 2022 8:48:38 PM |

| | |
|---|--|
| Name / Organization: | [REDACTED] |
| Address: | [REDACTED] |
| E-Mail: | [REDACTED] |
| Phone: | [REDACTED] |
| <p>Please provide your comments and suggestions on the draft Millwood Lake Master Plan and draft Environmental Assessment.</p> <p>Please provide your comments and suggestions on the draft Millwood Lake Shoreline Management Plan (SMP) and draft Environmental Assessment.</p> | <p>why no work is done on millwood in paraloma no fishing ramp like i see in the other places no money generated in this area.</p> |

Appendix E: Agency Draft Release Comments



ARKANSAS
HERITAGE

Asa Hutchinson
Governor
Stacy Hurst
Secretary

January 18, 2022

[REDACTED]
Department of the Army
Little Rock District, Corps of Engineers
700 West Capitol
Post Office Box 867
Little Rock, AR 72201-3221

Dear [REDACTED]

This letter is to acknowledge that your letter dated January 3, 2022, regarding the "Revising the Millwood Lake Master Plan, last revised in 1974, and the Shoreline Management Plan, last revised in 2012," was received in my office on January 14, 2022.

The letter was promptly forwarded to the appropriate historic preservation managers to assist in your research.

Sincerely,

[REDACTED]

SH:tl

Division of Arkansas Heritage
1100 North Street • Little Rock, AR 72201 • 501.324.9150
ArkansasHeritage.com



Asa Hutchinson
Governor
Stacy Hurst
Secretary

April 13, 2022

James Bloxham
Department of the Army
Little Rock District, Corps of Engineers
700 West Capitol
Post Office Box 867
Little Rock, AR 72203-0867

Dear James:

This letter is to acknowledge that your letter dated April 8, 2022, regarding the "Revision of the Millwood Lake Master Plan, last revised in 1974, and the Shoreline Management Plan, last revised in 1993 and most recent administrative review in 2012," was received in my office on April 8, 2022.

The letter and attachments were promptly forwarded to the appropriate historic preservation managers to assist in your research.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Stacy Hurst', written over the typed name.

Stacy Hurst
Secretary, AR Dept. of Parks, Heritage & Tourism

SH:tlf

Division of Arkansas Heritage
1100 North Street • Little Rock, AR 72201 • 501.324.9150
ArkansasHeritage.com

From: [REDACTED]
Subject: [Non-DoD Source] Millwood Lake Master Plan and Shoreline Management Plan
Date: Thursday, January 20, 2022 9:23:48 AM

[REDACTED]
Thanks for your time and assistance earlier pertaining to the proposed revised USACE Millwood Lake Master Plan and Shoreline Management Plan.

Our office would like to reiterate comments made during the scoping process of this project as seen below. We have no additional comments at this time. Thanks for the opportunity to review.

"Any proposed changes that would modify the release volumes and schedules or change the existing inundation in upstream tributaries would need to account for possible affects to listed species."

"Lake management modifications that would result in negative or positive effects to federally listed or threatened or endangered species should be in consultation with the U.S. Fish and Wildlife Service per Sec 7a2 of the Endangered Species Act."

[REDACTED]
[REDACTED]
[REDACTED]

U.S. Fish and Wildlife Service
Arkansas Ecological Services Field Office
110 S Amity Rd, Ste 300
Conway, AR 72032



ARKANSAS
HERITAGE

Asa Hutchinson
Governor
Stacy Hurst
Secretary

January 31, 2022

[REDACTED]
Natural Resources Specialist
Operations Division
Department of the Army
Little Rock District, Corps of Engineers
Post Office Box 867
Little Rock, Arkansas 72203-0867

RE: Little River, Hempstead, Howard, and Sevier Counties: Millwood Lake
Section 106 Review: COE
Public Comment: Millwood Lake Master Plan
AHPP Tracking Number: 107090.01

Dear [REDACTED]:

The staff of the Arkansas Historic Preservation Program (AHPP) reviewed the draft Master Plan, the Shoreline Management Plan, and the associated draft Environmental Assessments for the above-referenced undertaking in Little River, Hempstead, Howard and Sevier Counties, Arkansas. The undertaking proposes to revise the Millwood Lake Master Plan, last issued in 1974, along with the Millwood Lake Shoreline Management Plan, last issued in 2012. These plans will provide management guidelines for the preservation of natural and cultural resources along with promoting the healthful use of the lake for recreational purposes.

Based on the provided information in the Environmental Assessments and the draft Master Plan and Shoreline Management Plan, we recommend the implementation of the alternatives that provide the most protection to archeological and historic resources at Millwood Lake. We noticed that the Arkansas Archeological Survey will be "encouraged to complete excavation and salvage operations prior to development" of the White Cliffs area (Pages 19 and 25 of the draft Environmental Assessments). We request that the Arkansas Archeological Survey be consulted on any future correspondence regarding the Master Plan as well as any Section 106 undertakings involving Millwood Lake. We look forward to reviewing any proposed ground-disturbing activities at Millwood Lake in order to identify and preserve historic properties.

Tribes that have expressed an interest in the area include the Caddo Nation, the Choctaw Nation of Oklahoma, the Osage Nation, the Quapaw Nation, and the Shawnee Tribe. We recommend consultation in accordance with 36 CFR § 800.2(c)(2).

Thank you for the opportunity to review this proposed Master Plan and associated documents. Please refer to the AHPP Tracking Number listed above in all correspondence. If you have any questions, please call Jessica Cogburn of my staff at 501-324-9357 or email jessica.cogburn@arkansas.gov.

Sincerely,

[REDACTED]
Director, AHPP

cc: [REDACTED], Arkansas Archeological Survey

Arkansas Historic Preservation Program
1100 North Street • Little Rock, AR 72201 • 501.324.9150
ArkansasPreservation.com



Asa Hutchinson
Governor
Stacy Hurst
Secretary

April 18, 2022

Mr. James M. Bloxham
Natural Resources Specialist
Operations Division
Department of the Army
Little Rock District, Corps of Engineers
Post Office Box 867
Little Rock, Arkansas 72203-0867

RE: Little River, Hempstead, Howard, and Sevier Counties: Millwood Lake
Section 106 Review: COE
Public Comment: Millwood Lake Master Plan
AHPP Tracking Number: 107090.02

Dear Mr. Bloxham:

The staff of the Arkansas Historic Preservation Program (AHPP) reviewed the draft Master Plan, the Shoreline Management Plan, and the associated draft Environmental Assessments for the above-referenced undertaking in Little River, Hempstead, Howard and Sevier Counties, Arkansas. The undertaking proposes to revise the Millwood Lake Master Plan, last issued in 1974, along with the Millwood Lake Shoreline Management Plan, last issued in 2012. These plans will provide management guidelines for the preservation of natural and cultural resources along with promoting the healthful use of the lake for recreational purposes.

Based on the provided information in the Environmental Assessments and the draft Master Plan and Shoreline Management Plan, we recommend the implementation of the alternatives that provide the most protection to archeological and historic resources at Millwood Lake. We noticed that the Arkansas Archeological Survey will be "encouraged to complete excavation and salvage operations prior to development" of the White Cliffs area (Pages 19 and 25 of the draft Environmental Assessments). We request that the Arkansas Archeological Survey be consulted on any future correspondence regarding the Master Plan as well as any Section 106 undertakings involving Millwood Lake. We look forward to reviewing any proposed ground-disturbing activities at Millwood Lake in order to identify and preserve historic properties.

Tribes that have expressed an interest in the area include the Caddo Nation, the Choctaw Nation of Oklahoma, the Osage Nation, the Quapaw Nation, and the Shawnee Tribe. We recommend consultation in accordance with 36 CFR § 800.2(c)(2).

Thank you for the opportunity to review this proposed Master Plan and associated documents. Please refer to the AHPP Tracking Number listed above in all correspondence. If you have any questions, please call Jessica Cogburn of my staff at 501-324-9357 or email jessica.cogburn@arkansas.gov.

Sincerely,
Jessica H.
Cogburn
Scott Kaufman
Director, AHPP

Digitally signed by Jessica H.
Cogburn
Date: 2022.04.18 13:03:12 -0500

cc: Dr. Melissa Zabecki, Arkansas Archeological Survey

Arkansas Historic Preservation Program
1100 North Street • Little Rock, AR 72201 • 501.324.9150
ArkansasPreservation.com



ARKANSAS

ENERGY & ENVIRONMENT

March 18, 2022

James M. Bloxham
Natural Resources Specialist Planner
USACE, Little Rock District,
P.O. Box 867, Little Rock, AR 72203

RE: National Environmental Policy Act (NEPA) Comments Requested Regarding the Millwood Lake Master Plan Revision

Dear Mr. Bloxham:

The Arkansas Department of Energy and Environment, Division of Environmental Quality (DEQ) is pleased to comment on the draft Millwood Lake Master Plan Revision. The proposed revision is the first since 1964 and will affect future management of natural resources and recreational opportunities to ensure the sustainability of Millwood Lake.

At this stage of review, DEQ could provide only generalized comments on issues to consider during the Public Comment Period. We request the opportunity to review the final draft of the Millwood Lake Master Plan Revision when available.

This letter is issued in reliance upon the statements and representations made in the submittal. DEQ has no responsibility for the adequacy or proper functioning of the proposed project.

Sincerely,

A handwritten signature in black ink that reads "Lucy Cross". The signature is written in a cursive, flowing style.

Lucy Cross
Director of Enterprise Services, Division of Environmental Quality
5301 Northshore Drive, North Little Rock, AR 72118

LC: wma

ARKANSAS DEPARTMENT OF ENERGY AND ENVIRONMENT



Osage Nation Historic Preservation Office

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Date: February 9, 2022

File: 2122-1914AR-10

Little Rock District,
USACE Dana Coburn
P.O. Box 8002
Little Rock, AR 72203-0867
Email: [REDACTED]

RE: USACE, Little Rock District, Millwood Lake Master Plan and Shoreline Management Plan Revision, Multiple Counties, Arkansas

SENT VIA EMAIL

Dear [REDACTED]

The Osage Nation Historic Preservation Office (ONHPO) has evaluated your submission for the proposed USACE, Little Rock District, Millwood Lake Master Plan and Shoreline Management Plan Revision, Multiple Counties, Arkansas. The ONHPO is not aware of, but has a general concern for, any burials (graves, mounds, cairns), prehistoric districts, sites, or objects included in or eligible for inclusion in the National Register of Historic Places (36 CFR § 800.16(l)) or that have not been evaluated pursuant to 36 CFR § 800.4(c) in consultation with the Osage Nation that may be located within the area of potential effects (APE). **If any are identified within the APE during any identification efforts conducted for the proposed project, including background research and cultural resource surveys, the Osage Nation requests to be notified and provided with all relevant CRS reports and correspondence of the State Historic Preservation Office (SHPO), or affiliated reviewing state agency, for review and comment prior to the federal agency's approval of the proposed undertaking.** The Osage Nation, however, has no concern for historic graves unaffiliated with the Osage Nation or any identified historic archaeology sites that have no known connection to the Osage Nation. **There is no need to further notify or further consult with the Osage Nation regarding any such graves or non-Osage historic sites located in the project APE.**

In accordance with the National Historic Preservation Act, (NHPA) [54 U.S.C. § 300101 et seq.] 1966, undertakings subject to the review process are referred to in 54 U.S.C. § 302706 (a), which clarifies

1

627 Grandview Ave. * Pawhuska, OK 74056

Telephone 918-287-5328 * Fax 918-287-5376

www.osagenation-nsn.gov/who-we-are/historic-preservation * HistoricPreservation@osagenation-nsn.gov

OSAGE NATION HISTORIC PRESERVATION OFFICE
WAZAQA KOON KAPOM


that historic properties may have religious and cultural significance to Indian tribes. Additionally, Section 106 of NHPA requires Federal agencies to consider the effects of their actions on historic properties (36 CFR Part 800) as does the National Environmental Policy Act (43 U.S.C. 4321 and 4331-35 and 40 CFR 1501.7(a) of 1969). **If no graves, historic properties, or cultural resources, as specified above, are identified within the APE during any identification efforts conducted for the proposed project, the Osage Nation concurs that the Little Rock District, USACE has fulfilled NHPA compliance by consulting with the Osage Nation Historic Preservation Office in regard to the proposed USACE, Little Rock District, Millwood Lake Master Plan and Shoreline Management Plan Revision, Multiple Counties, Arkansas.**

If artifacts or human remains are discovered during project-related activities we ask that activities cease immediately and the Osage Nation Historic Preservation Office be contacted at 918-287-5328 within 48 hours of the discovery and prior to the resuming of project activities. Should you have any questions or need any additional information please feel free to contact me at the number listed below. Thank you for consulting with the Osage Nation on this matter.

██████████
Director, Tribal Historic Preservation Officer

████████████████████
Archaeologist

U. S. Department of Homeland Security
 FEMA Region 6
 800 North Loop 288
 Denton, TX 76209-3698



FEMA

FEDERAL EMERGENCY MANAGEMENT AGENCY
 REGION 6
 MITIGATION DIVISION

RE: Millwood Lake MP and SMP Planner

NOTICE REVIEW/ENVIRONMENTAL CONSULTATION

☐ We have no comments to offer. ☒ We offer the following comments:

WE WOULD REQUEST THAT THE COMMUNITY FLOODPLAIN ADMINISTRATOR BE CONTACTED FOR THE REVIEW AND POSSIBLE PERMIT REQUIREMENTS FOR THIS PROJECT. IF FEDERALLY FUNDED, WE WOULD REQUEST PROJECT TO BE IN COMPLIANCE WITH EO11988 & EO 11990.


| Little Rock, AR | Little River County, AR |
|---|---|
| <div style="background-color: black; width: 100%; height: 100%;"></div> | <div style="background-color: black; width: 100%; height: 100%;"></div> |

REVIEWER:

Floodplain Management and Insurance Branch
 Mitigation Division
 (940) 258-3794

DATE: 4/26/2022

Appendix F: Media Coverage



Hope Prescott News


Publication Date: 04/21/2022 Page Number: 002

Title: Millwood comment period reopened

Author:

Size : 19 Inches Sq Hope,AR Circulation: 2600

Keywords: Corps of Engineers ~ Corps of Engineers AND Little Rock



Millwood comment period reopened

DALE GATHRIGHT, JR
MILLWOOD LAKE—The U.S. Army Corps of Engineers is reopening the public

comment period on the draft
 : **Millwood Lake** Master Plan,
 : Shoreline Management Plan
 : and associated Environmen-

tal Assessments between
 April 12 and May 11, 2022.
 During the MP, SMP and
 EA planning process an in-

correct email address was
 included on the comment
 documents. To give everyone
 that visits and lives around
Millwood Lake an oppor-
 tunity to comment on the
 updated documents USACE
 is reopening the comment pe-
 riod. If you have a comment
 on these draft documents or

if you provided comments
 through e-mail during the
 previous comment period,
 please resubmit your com-
 ment to be considered.

Comments can be mailed
 to the **Millwood Lake** MP
 & SMP Planner, Natural
 Resources Management Sec-
 tion, USACE, **Little Rock**

District, P.O. Box 867, Lit-
tle Rock, AR 72203, by fax: 501-
 324-6230 or e-mailed
 to [CESWL-MillwoodLakeM-
 PandSMPRevision@usace](mailto:CESWL-MillwoodLakeM-PandSMPRevision@usace).

army.mil by May 11. For an
 on-line fillable comment card
 and to learn more about the
Millwood Lake Master Plan
 and Shoreline Management
 Plan revisions visit [https://
 go.usa.gov/x7WQv](https://go.usa.gov/x7WQv)

Figure 4-12 Hope Prescot News, April 21, 2022

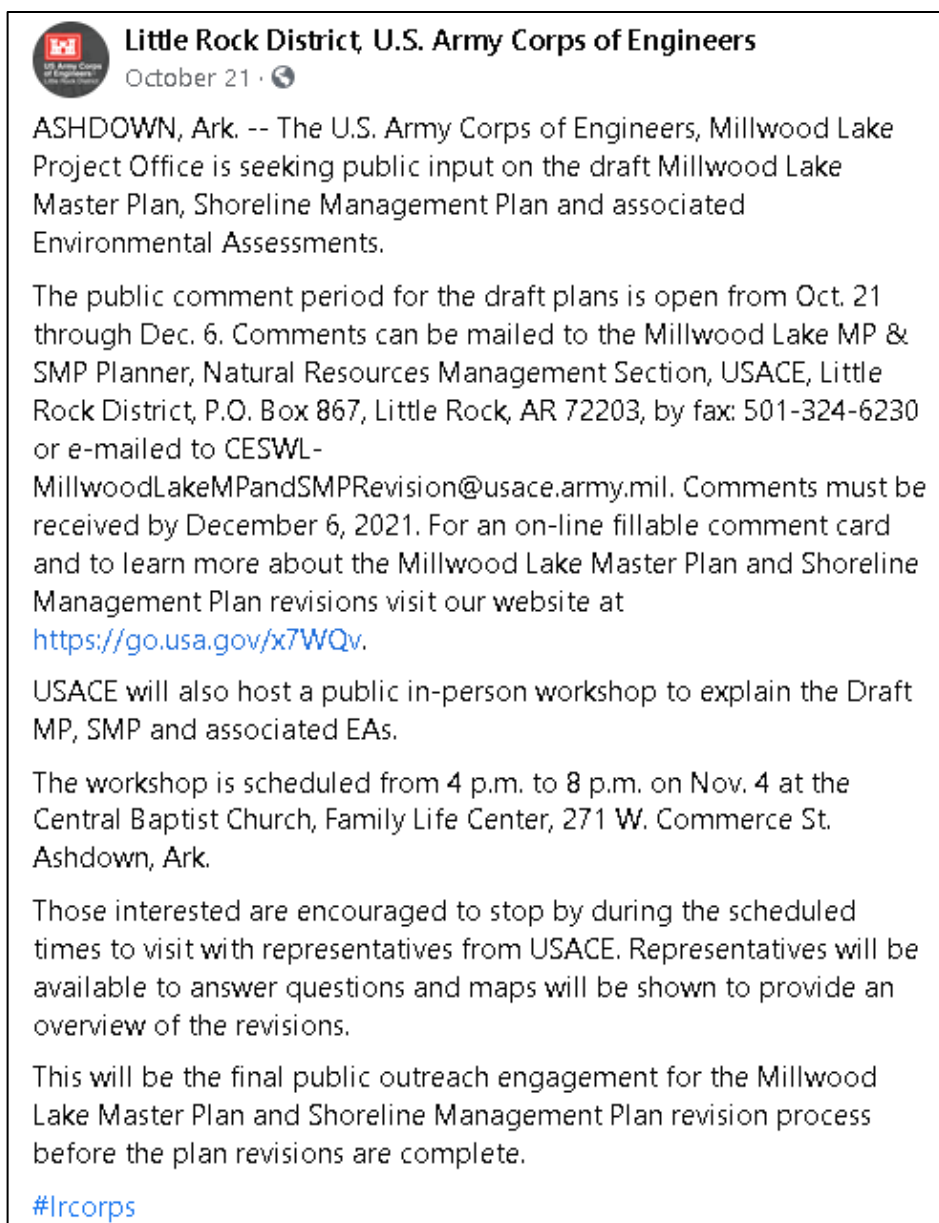


Figure 4-13 Draft Release Facebook Notification, Oct 21, 2021

Facebook Post, October 21, 2021

Post Impressions: 7266

Reach: 7060

Engagement: 203

Reactions: 31

Comments: 2

Link clicks: 10

Shares: 17

Other clicks: 121

Negative Feedback

Hide Post: 2

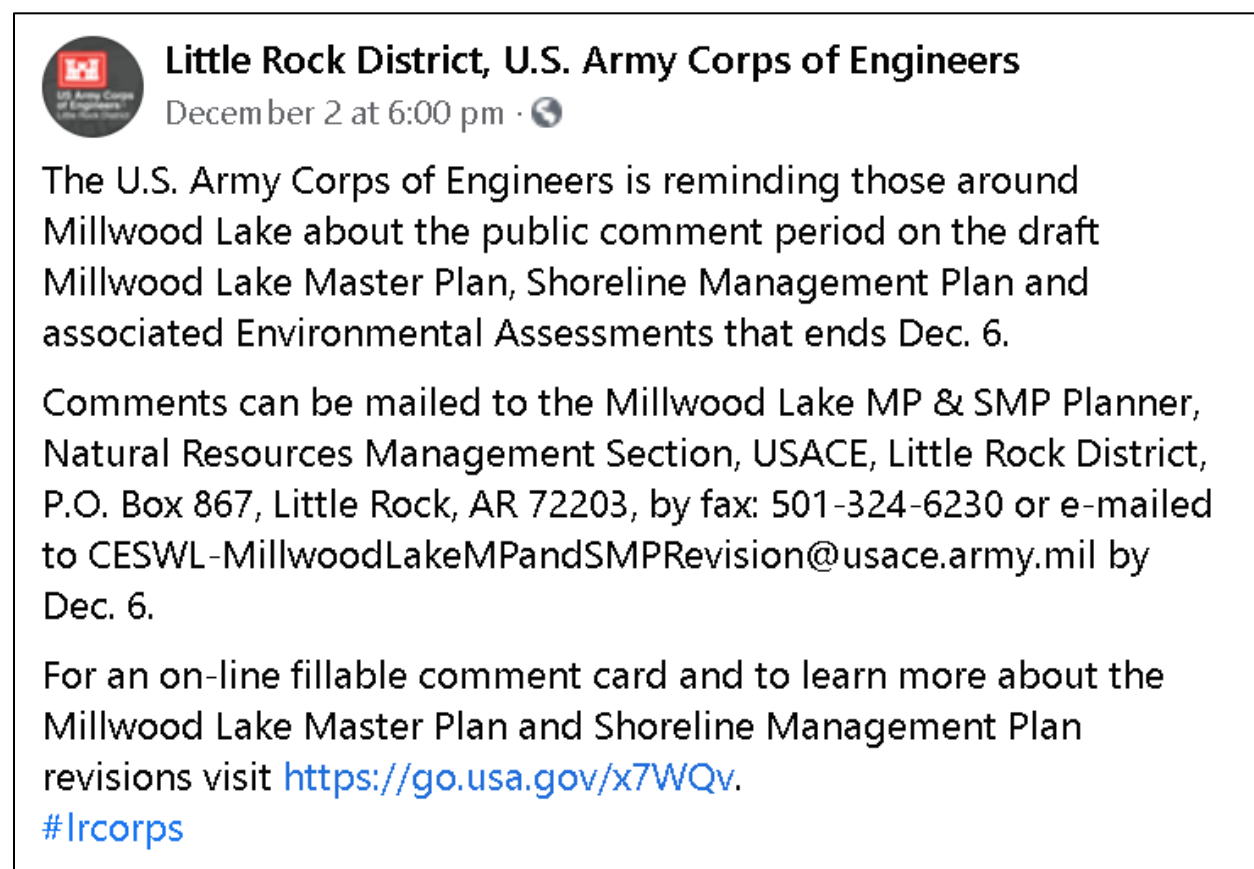


Figure 4-14 Draft Release Facebook Notification, Dec. 2, 2021

Facebook Post, December 2, 2021

Post Impressions: 189

Reach: 168

Engagement: 15

Reactions: 6

Comments: 0

Link clicks: 0

Shares: 1

Other clicks: 8

[Negative Feedback](#)

Hide All Posts: 1

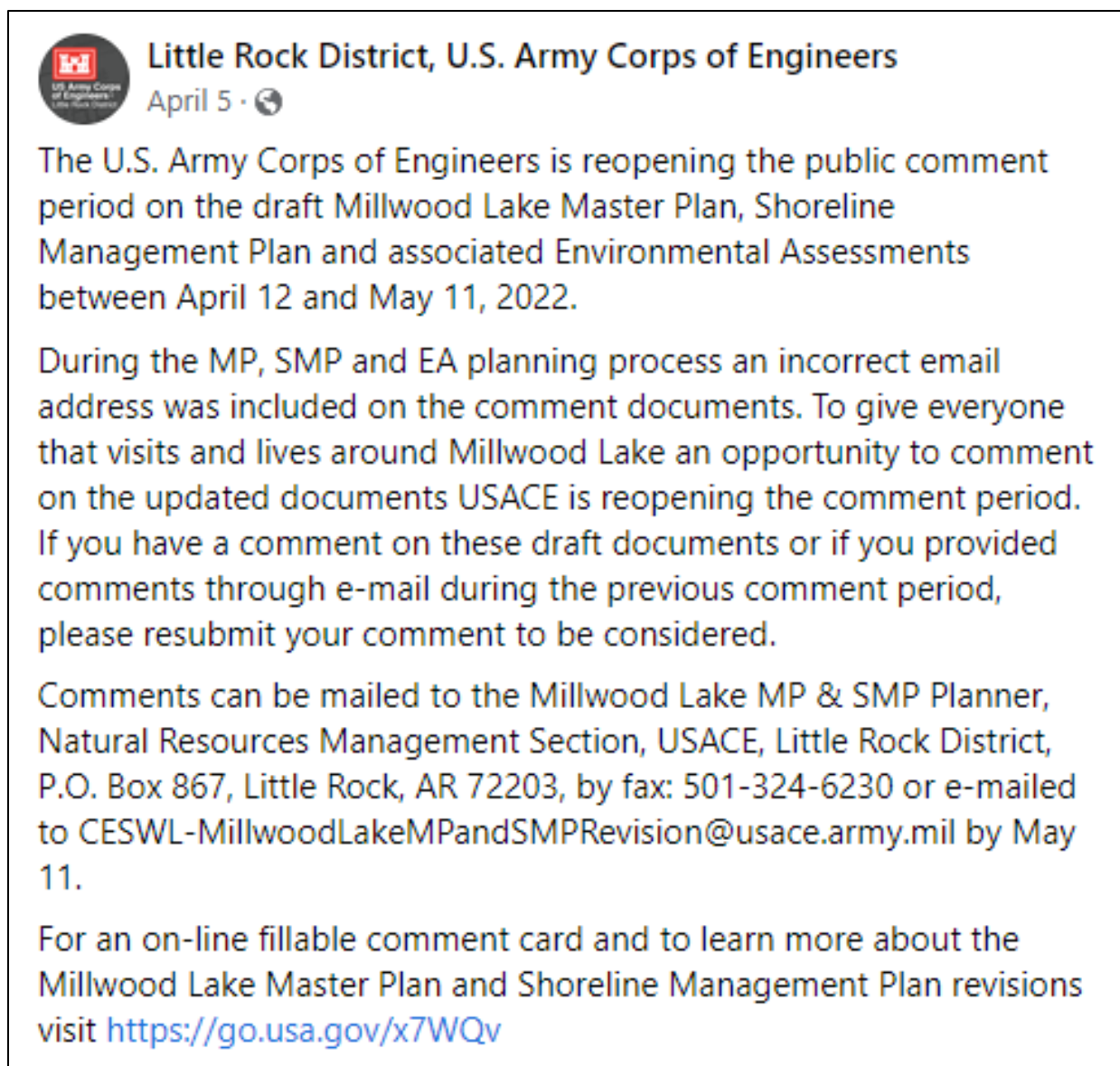


Figure 4-15 Draft Release Facebook Notification, April 5, 2022

Facebook: April 5

Post Impressions: 285

Reach: 263

Engagement: 17

Reactions: 4

Comments: 1

Link clicks: 0

Shares: 1

Other clicks: 10

Negative Feedback

Hide All Posts: 0



Figure 4-16 Draft Release Twitter Notification, Oct 21, 2021

Twitter, October 21, 2021

Impressions: 333

Likes: 3

Retweet: 2

Comments: 1

Link clicks: 2

Profile clicks: 0

Detail expands: 0



Figure 4-17 Draft Release Twitter Notification, Dec. 21, 2021

Twitter, December 2, 2021

Impressions: 190

Likes: 2

Retweet: 1

Link clicks: 0

Profile clicks: 0

Detail expands: 0



Figure 4-18 Draft Release Twitter Notification, April 6, 2022

Twitter: April 6

Impressions: 218

Engagement: 4

Detail expands: 0

Link clicks: 1

Likes: 1

Retweets: 0

Comments: 0

Appendix C

Millwood Lake Shoreline Allocation Map Alternatives

MAP SHEET INDEX ALTERNATIVE ONE (NO ACTION- 2012 PLAN)

MAP SHEET INDEX

Legend

SHORELINE ALLOCATIONS

- LIMITED DEVELOPMENT AREA
- PUBLIC RECREATION AREA
- PROHIBITED
- PROTECTED (No Color Shown On Map)

Roads

- State Highway
- US Highway

Counties

LAND CLASSIFICATIONS

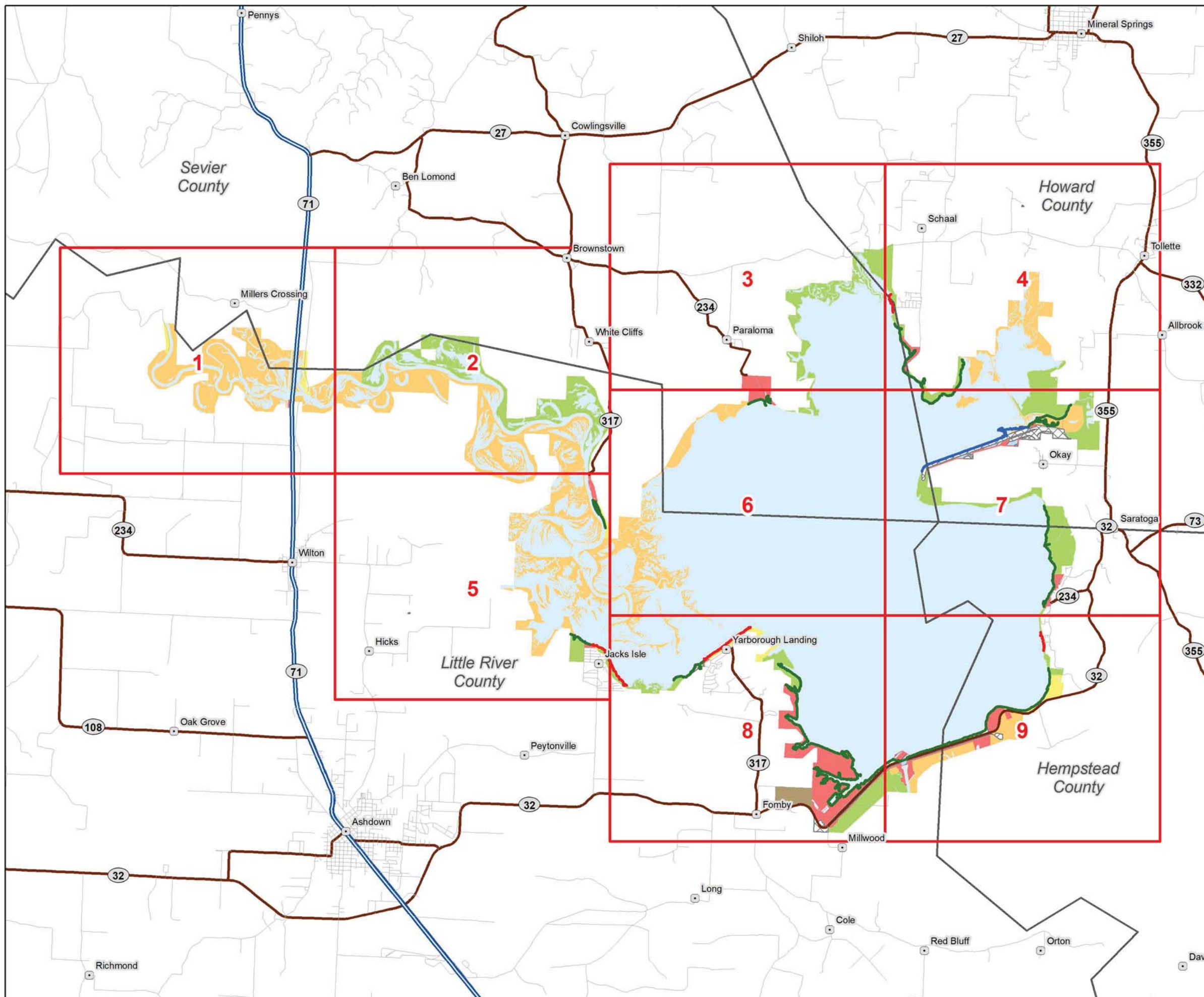
- HIGH DENSITY
- LOW DENSITY
- WILDLIFE MANAGEMENT
- VEGETATIVE MANAGEMENT
- ENVIRONMENTALLY SENSITIVE
- PROJECT OPERATIONS
- RESTRICTED
- OPEN RECREATION



SHORELINE MANAGEMENT PLAN MILLWOOD LAKE



US ARMY CORPS
OF ENGINEERS
Little Rock District
Millwood Lake



See Map Sheet N/A

See Map Sheet N/A

ALTERNATIVE ONE NO ACTION (2012 PLAN)

SHORELINE ALLOCATIONS

LIMITED DEVELOPMENT AREA

PUBLIC RECREATION AREA

PROHIBITED

PROTECTED (No Color Shown On Map)

Legend

Corps Operated Ramp

County Operated Ramp

Roads

US Highway

Rivers/Streams

National Wildlife Refuge

Flowage Easement

USACE Boundary

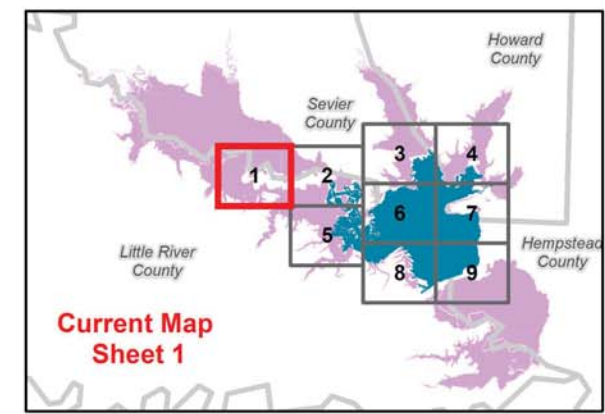
Preferred Land Classification

HIGH DENSITY

LOW DENSITY

WILDLIFE MANAGEMENT

OPEN RECREATION



SHORELINE MANAGEMENT PLAN
MILLWOOD LAKE

Imagery Date: 2017

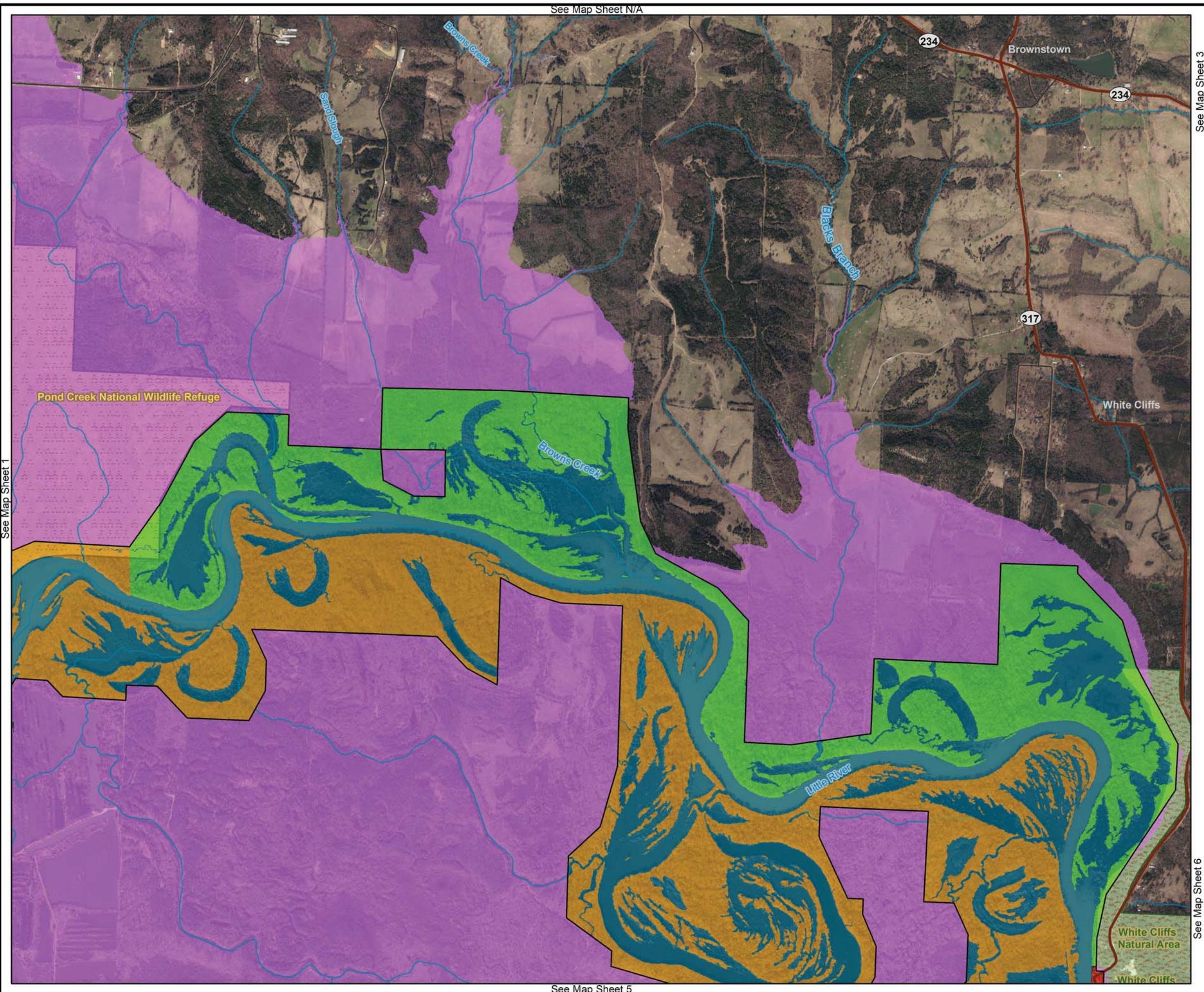
Miles

00.51

US ARMY CORPS OF ENGINEERS
Little Rock District
Millwood Lake

See Map Sheet 2

See Map Sheet N/A



ALTERNATIVE ONE NO ACTION (2012 PLAN)

SHORELINE ALLOCATIONS

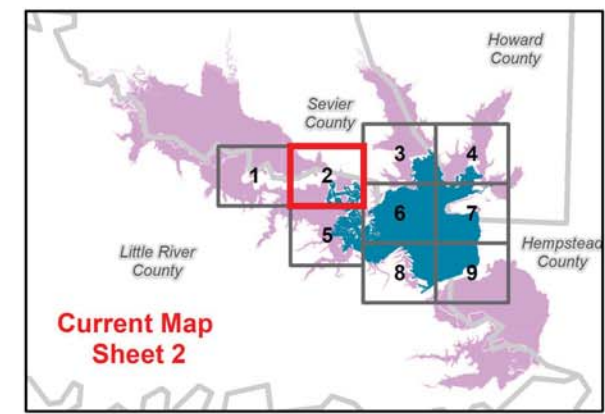
- LIMITED DEVELOPMENT AREA
- PUBLIC RECREATION AREA
- PROHIBITED
- PROTECTED (No Color Shown On Map)

Legend

- Roads
- State Highway
- Rivers/Streams
- National Wildlife Refuge
- Natural Area
- Flowage Easement
- USACE Boundary

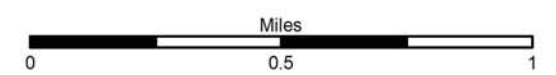
Preferred Land Classification

- HIGH DENSITY
- WILDLIFE MANAGEMENT
- ENVIRONMENTALLY SENSITIVE
- OPEN RECREATION




SHORELINE MANAGEMENT PLAN MILLWOOD LAKE

Imagery Date: 2017





US ARMY CORPS
OF ENGINEERS
Little Rock District
Millwood Lake



See Map Sheet N/A

ALTERNATIVE ONE NO ACTION (2012 PLAN)

SHORELINE ALLOCATIONS

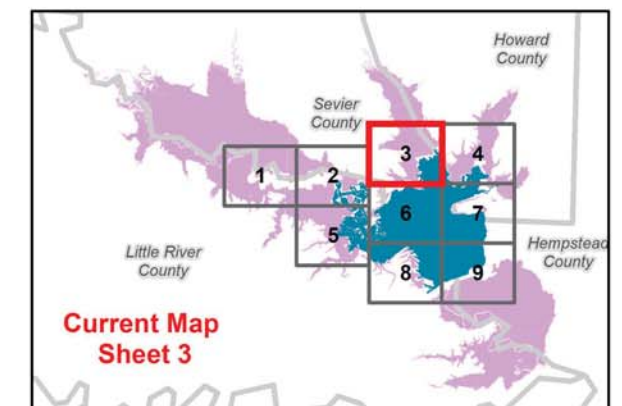
- LIMITED DEVELOPMENT AREA
- PUBLIC RECREATION AREA
- PROHIBITED
- PROTECTED (No Color Shown On Map)

Legend

- Boat Lane
- Roads
- State Highway
- Rivers/Streams
- Flowage Easement
- USACE Boundary

Preferred Land Classification

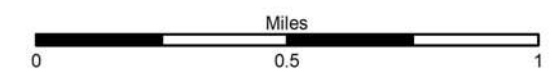
- HIGH DENSITY
- ENVIRONMENTALLY SENSITIVE
- OPEN RECREATION



Current Map
Sheet 3

SHORELINE MANAGEMENT PLAN MILLWOOD LAKE

Imagery Date: 2017



See Map Sheet 2

See Map Sheet 4

See Map Sheet 6

See Map Sheet N/A

See Map Sheet 3

See Map Sheet N/A

See Map Sheet 7

ALTERNATIVE ONE NO ACTION (2012 PLAN)

SHORELINE ALLOCATIONS

LIMITED DEVELOPMENT AREA

PUBLIC RECREATION AREA

PROHIBITED

PROTECTED (No Color Shown On Map)

Legend

Corps Operated Ramp

Boat Lane

Roads

State Highway

Rivers/Streams

Flowage Easement

USACE Boundary

Preferred Land Classification

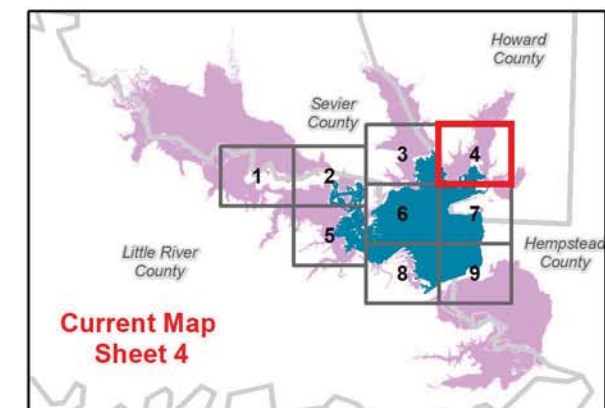
HIGH DENSITY

WILDLIFE MANAGEMENT

ENVIRONMENTALLY SENSITIVE

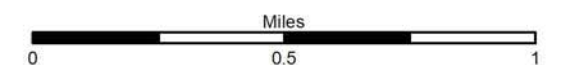
PROJECT OPERATIONS

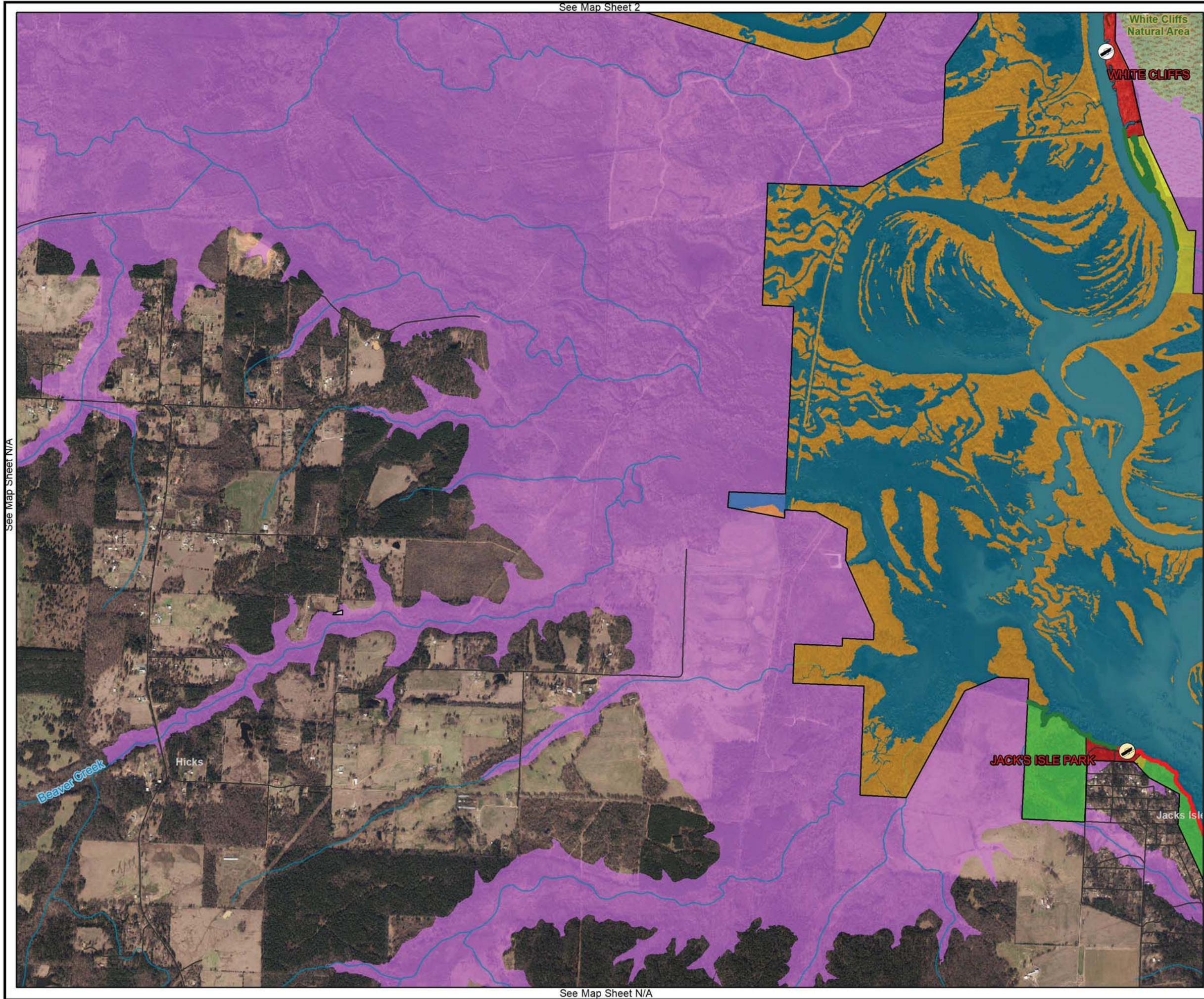
OPEN RECREATION



SHORELINE MANAGEMENT PLAN MILLWOOD LAKE

Imagery Date: 2017





ALTERNATIVE ONE NO ACTION (2012 PLAN)

SHORELINE ALLOCATIONS

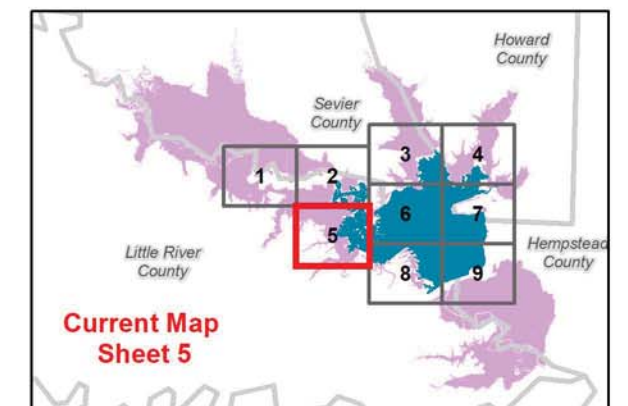
- LIMITED DEVELOPMENT AREA
- PUBLIC RECREATION AREA
- PROHIBITED
- PROTECTED (No Color Shown On Map)

Legend

- Corps Operated Ramp
- County Operated Ramp
- Roads
- State Highway
- Rivers/Streams
- Natural Area
- Flowage Easement
- USACE Boundary

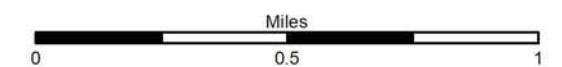
Preferred Land Classification

- HIGH DENSITY
- LOW DENSITY
- WILDLIFE MANAGEMENT
- ENVIRONMENTALLY SENSITIVE
- PROJECT OPERATIONS
- OPEN RECREATION



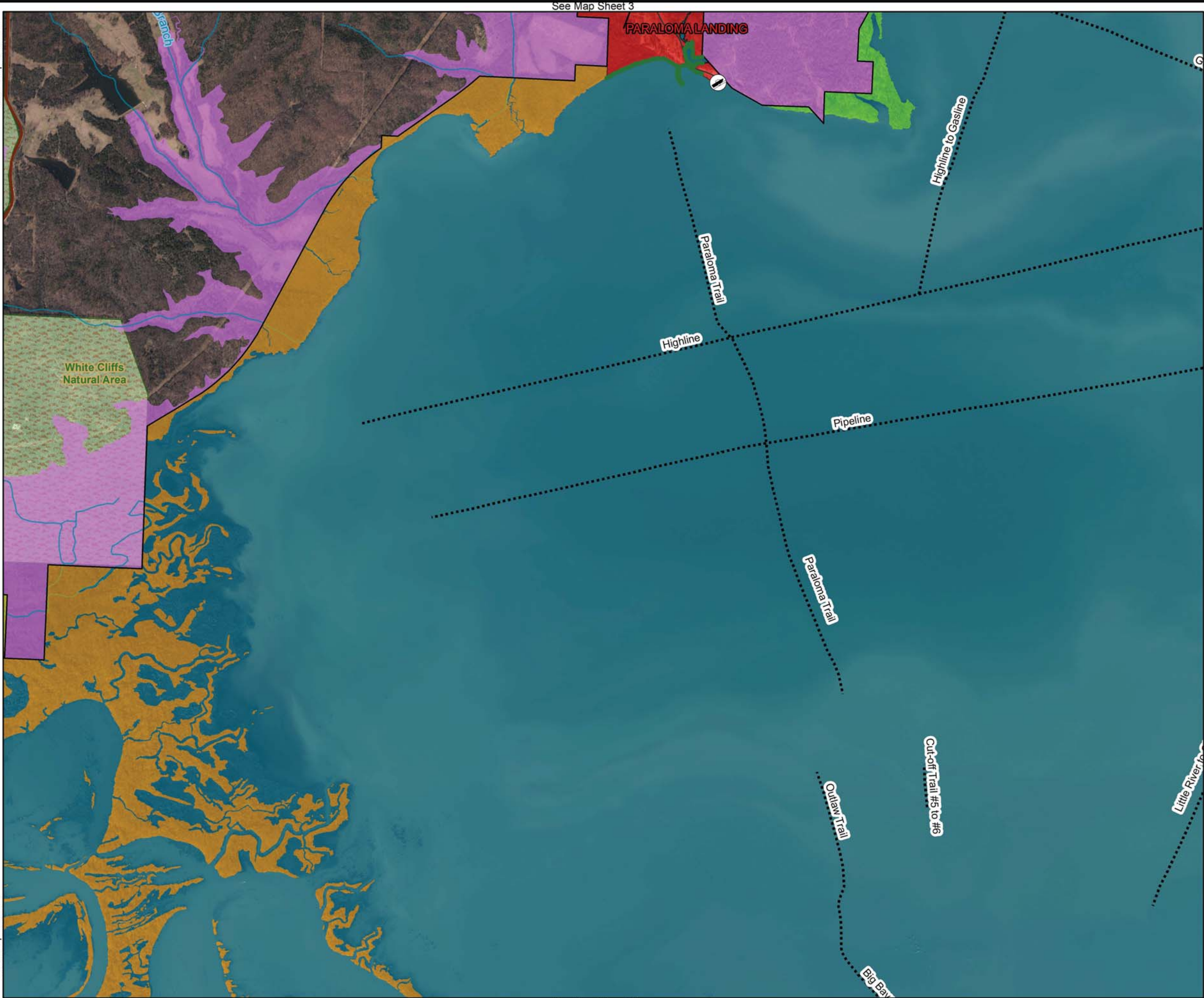
SHORELINE MANAGEMENT PLAN MILLWOOD LAKE

Imagery Date: 2017



See Map Sheet 2

See Map Sheet 5



ALTERNATIVE ONE NO ACTION (2012 PLAN)

SHORELINE ALLOCATIONS

LIMITED DEVELOPMENT AREA

PUBLIC RECREATION AREA

PROHIBITED

PROTECTED (No Color Shown On Map)

Legend

Corps Operated Ramp

Boat Lane

Roads

State Highway

Rivers/Streams

Natural Area

Flowage Easement

USACE Boundary

Preferred Land Classification

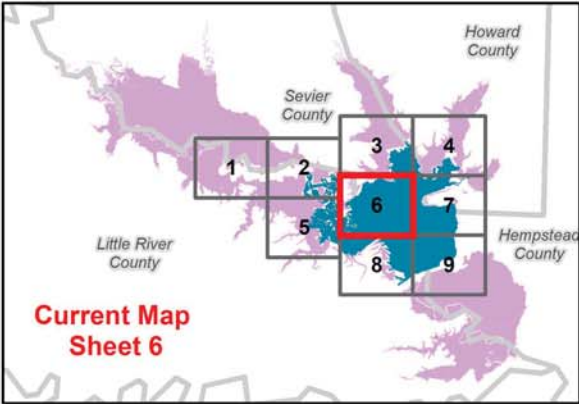
HIGH DENSITY

LOW DENSITY

WILDLIFE MANAGEMENT

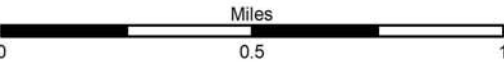
ENVIRONMENTALLY SENSITIVE

OPEN RECREATION

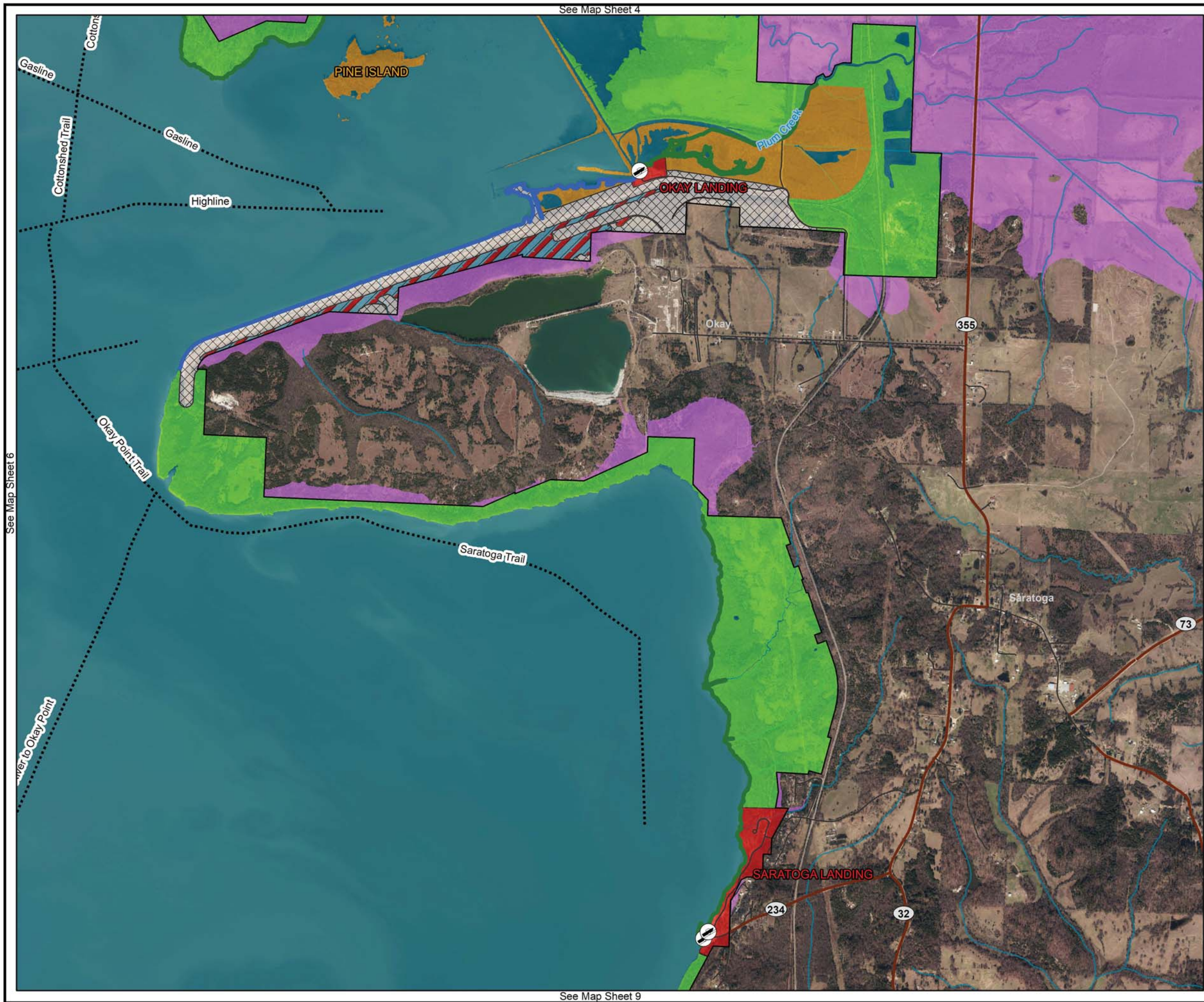


SHORELINE MANAGEMENT PLAN MILLWOOD LAKE

Imagery Date: 2017



See Map Sheet 8



ALTERNATIVE ONE NO ACTION (2012 PLAN)

SHORELINE ALLOCATIONS

LIMITED DEVELOPMENT AREA

PUBLIC RECREATION AREA

PROHIBITED
PROTECTED (No Color Shown On Map)

Legend

Corps Operated Ramp

Boat Lane

Roads

State Highway

Rivers/Streams

Flowage Easement

USACE Boundary

Preferred Land Classification

HIGH DENSITY

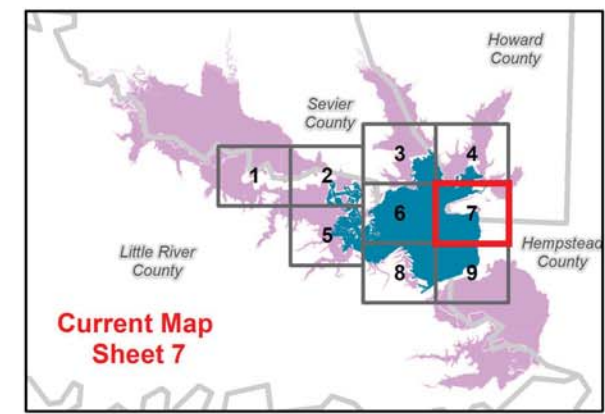
WILDLIFE MANAGEMENT

ENVIRONMENTALLY SENSITIVE

PROJECT OPERATIONS

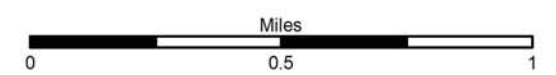
RESTRICTED

OPEN RECREATION



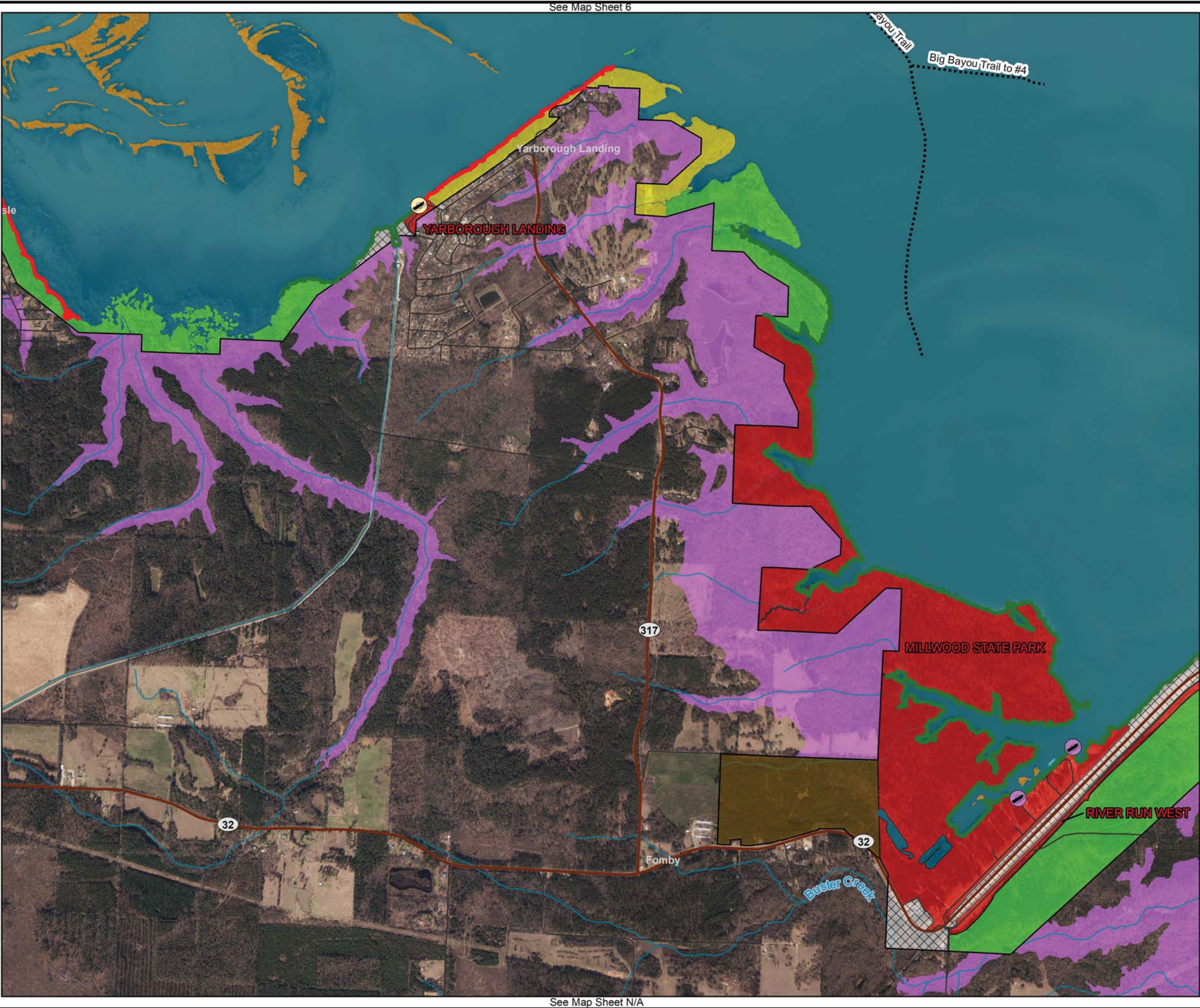
SHORELINE MANAGEMENT PLAN MILLWOOD LAKE

Imagery Date: 2017



US ARMY CORPS
OF ENGINEERS
Little Rock District
Millwood Lake

See Map Sheet 5
See Map Sheet N/A



ALTERNATIVE ONE NO ACTION (2012 PLAN)

SHORELINE ALLOCATIONS

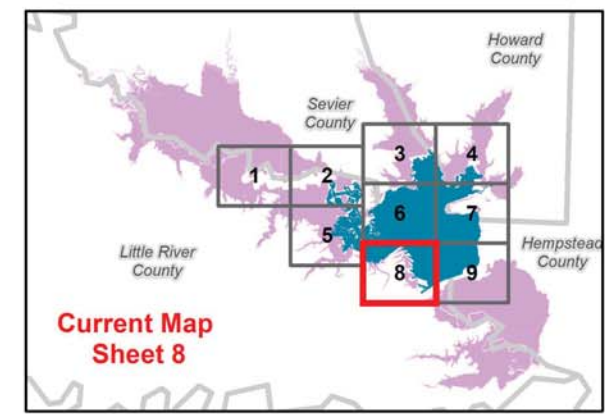
- LIMITED DEVELOPMENT AREA
- PUBLIC RECREATION AREA
- PROHIBITED
- PROTECTED (No Color Shown On Map)

Legend

- County Operated Ramp
- State Operated Ramp
- Boat Lane
- Roads
- State Highway
- Rivers/Streams
- Flowage Easement
- USACE Boundary

Preferred Land Classification

- HIGH DENSITY
- LOW DENSITY
- WILDLIFE MANAGEMENT
- VEGETATIVE MANAGEMENT
- ENVIRONMENTALLY SENSITIVE
- PROJECT OPERATIONS
- RESTRICTED
- OPEN RECREATION



SHORELINE MANAGEMENT PLAN
MILLWOOD LAKE

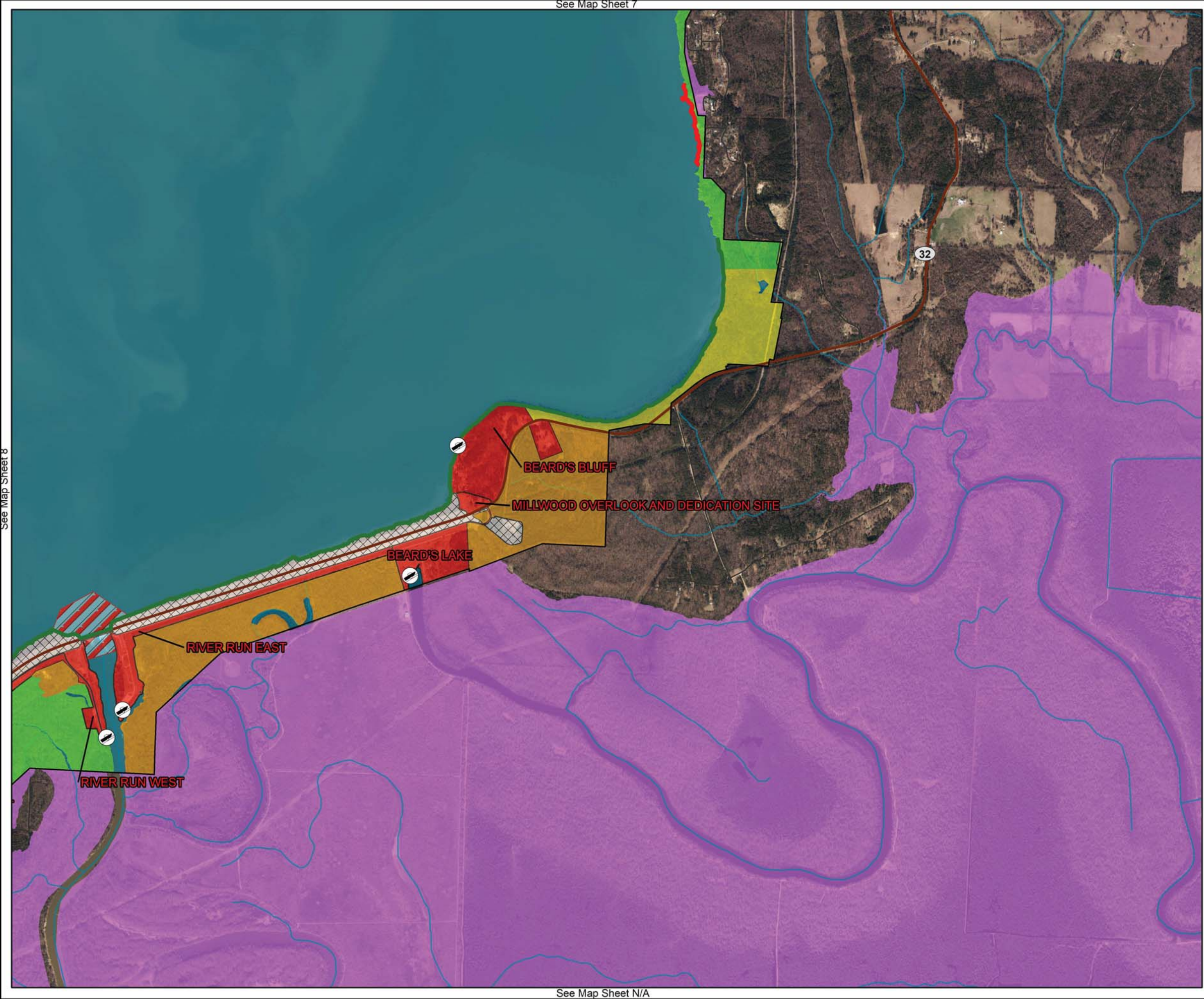
Imagery Date: 2017

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US ARMY CORPS OF ENGINEERS
Little Rock District
Millwood Lake

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ALTERNATIVE ONE NO ACTION (2012 PLAN)

SHORELINE ALLOCATIONS

LIMITED DEVELOPMENT AREA

PUBLIC RECREATION AREA

PROHIBITED

PROTECTED (No Color Shown On Map)

Legend

Corps Operated Ramp

Roads

State Highway

Rivers/Streams

Flowage Easement

USACE Boundary

Preferred Land Classification

HIGH DENSITY

LOW DENSITY

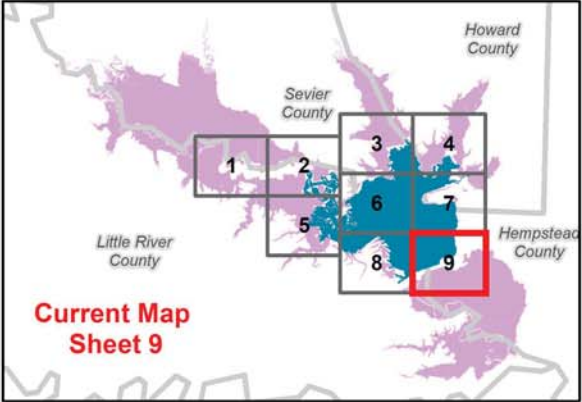
WILDLIFE MANAGEMENT

ENVIRONMENTALLY SENSITIVE

PROJECT OPERATIONS

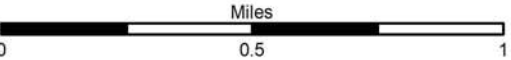
RESTRICTED

OPEN RECREATION

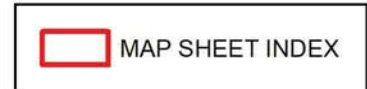


SHORELINE MANAGEMENT PLAN MILLWOOD LAKE

Imagery Date: 2017



MAP SHEET INDEX ALTERNATIVE TWO (PREFERRED)



Legend

Roads

State Highway

US Highway

Counties

LAND CLASSIFICATIONS

HIGH DENSITY

LOW DENSITY

WILDLIFE MANAGEMENT

VEGETATIVE MANAGEMENT

ENVIRONMENTALLY SENSITIVE

PROJECT OPERATIONS

RESTRICTED

OPEN RECREATION

SHORELINE ALLOCATIONS

LIMITED DEVELOPMENT AREA

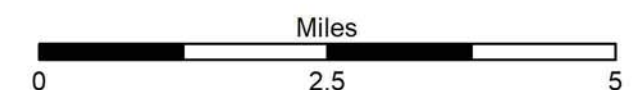
PUBLIC RECREATION AREA

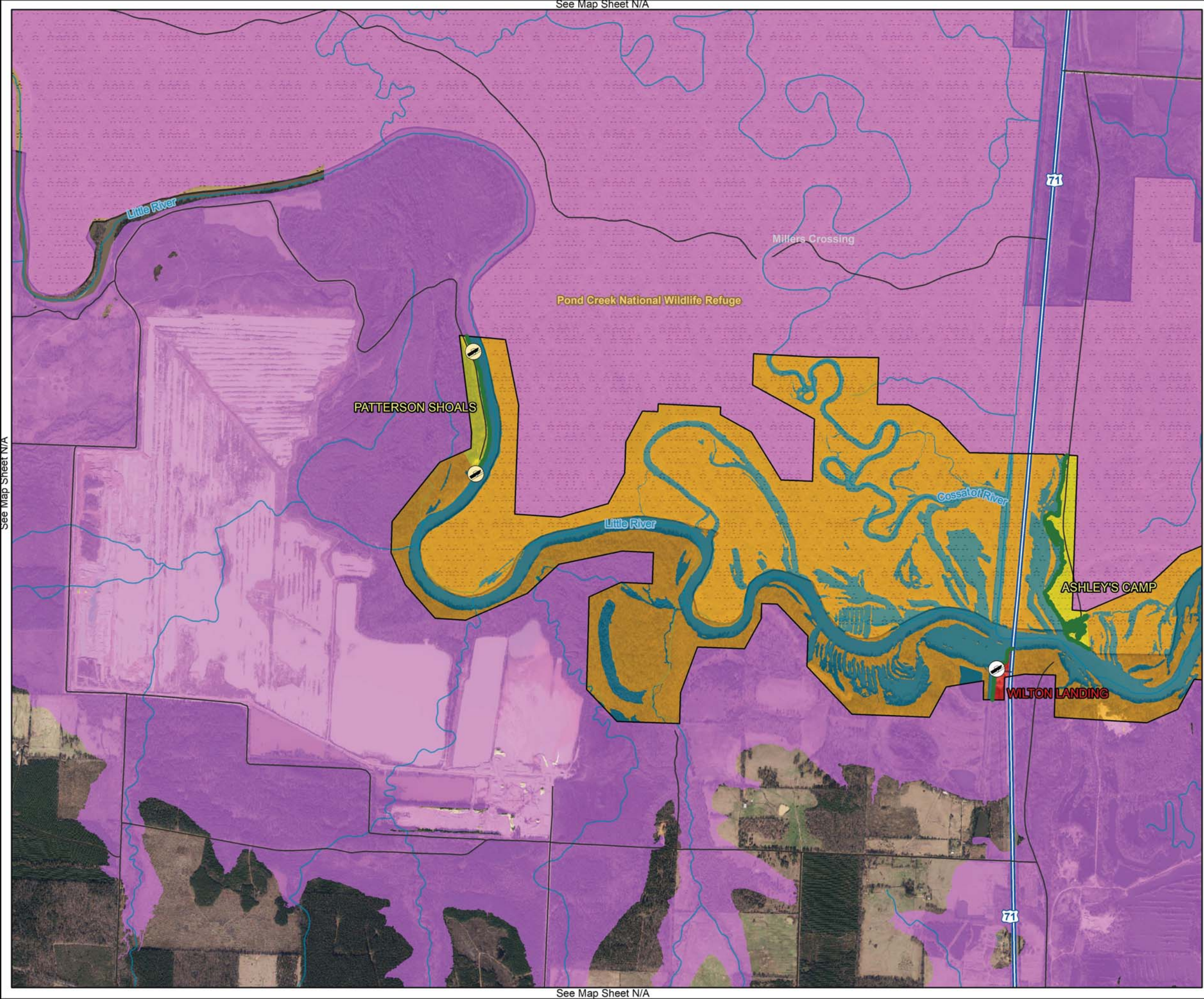
PROHIBITED

PROTECTED (No Color Shown On Map)



SHORELINE MANAGEMENT PLAN MILLWOOD LAKE





ALTERNATIVE TWO PREFERRED

SHORELINE ALLOCATIONS

LIMITED DEVELOPMENT AREA

PUBLIC RECREATION AREA

PROHIBITED

PROTECTED (No Color Shown On Map)

Legend

Corps Operated Ramp

County Operated Ramp

Roads

US Highway

Rivers/Streams

National Wildlife Refuge

Flowage Easement

USACE Boundary

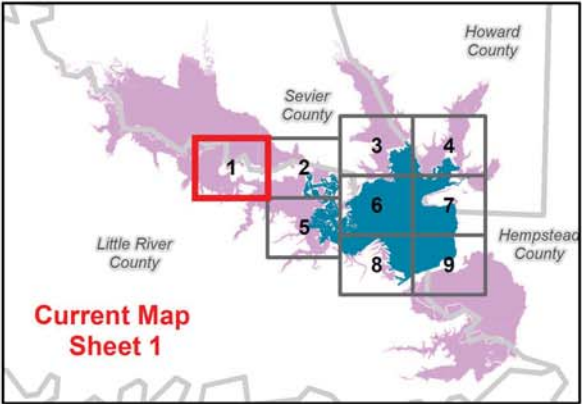
Preferred Land Classification

HIGH DENSITY

LOW DENSITY

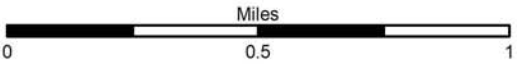
WILDLIFE MANAGEMENT

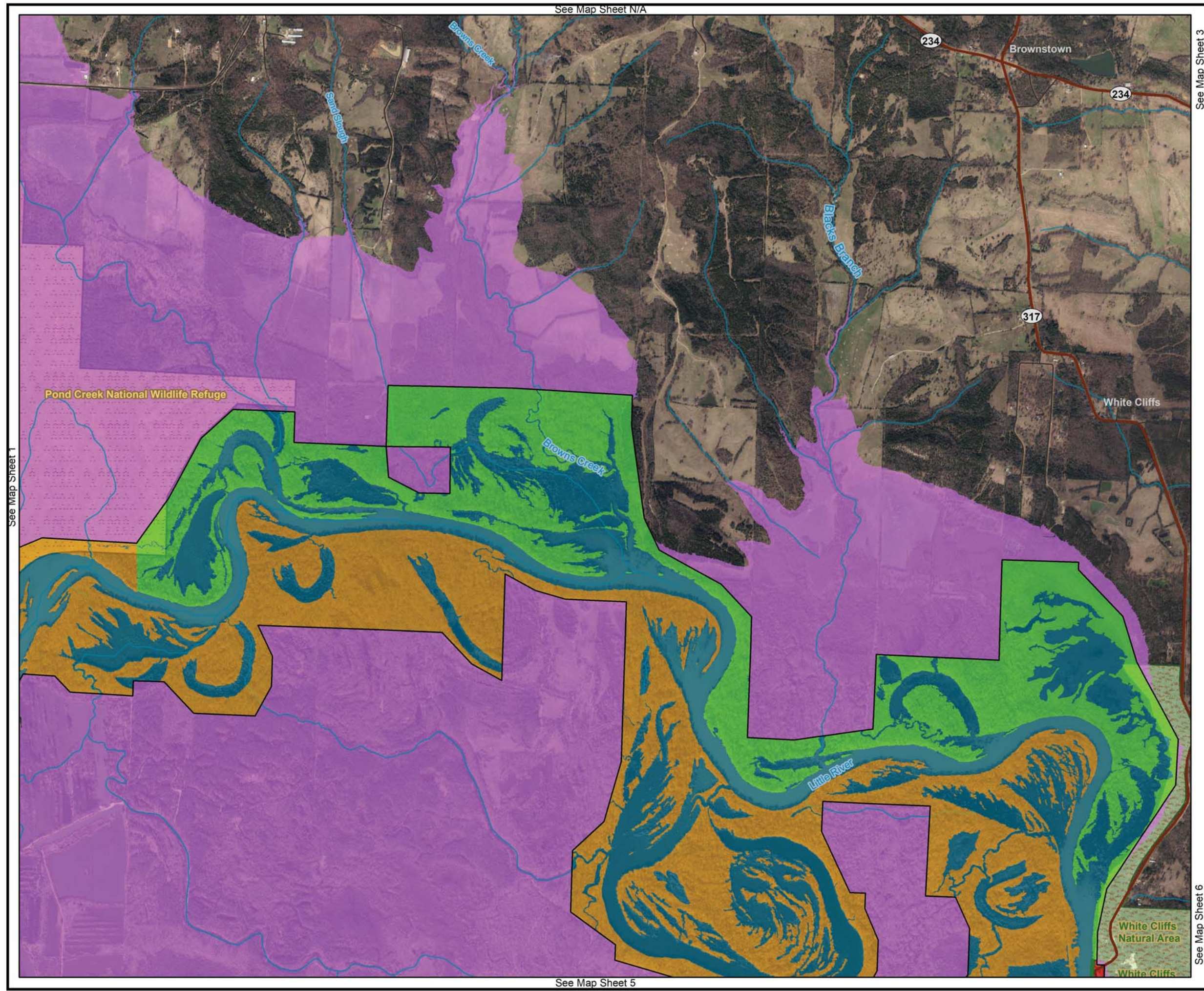
OPEN RECREATION



SHORELINE MANAGEMENT PLAN MILLWOOD LAKE

Imagery Date: 2017





**ALTERNATIVE TWO
PREFERRED**

SHORELINE ALLOCATIONS

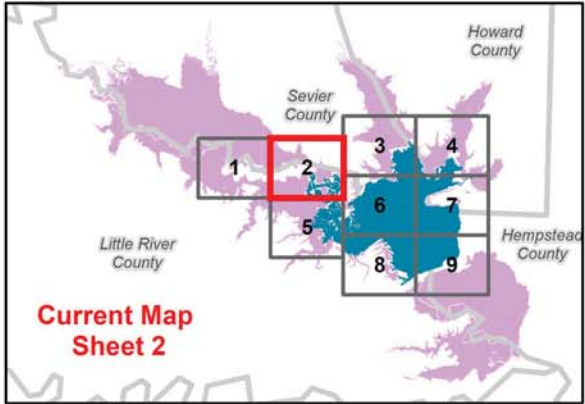
- LIMITED DEVELOPMENT AREA
- PUBLIC RECREATION AREA
- PROHIBITED
- PROTECTED (No Color Shown On Map)

Legend

- Roads
- State Highway
- Rivers/Streams
- National Wildlife Refuge
- Natural Area
- Flowage Easement
- USACE Boundary

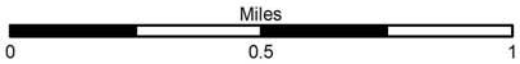
Preferred Land Classification

- HIGH DENSITY
- WILDLIFE MANAGEMENT
- ENVIRONMENTALLY SENSITIVE
- OPEN RECREATION



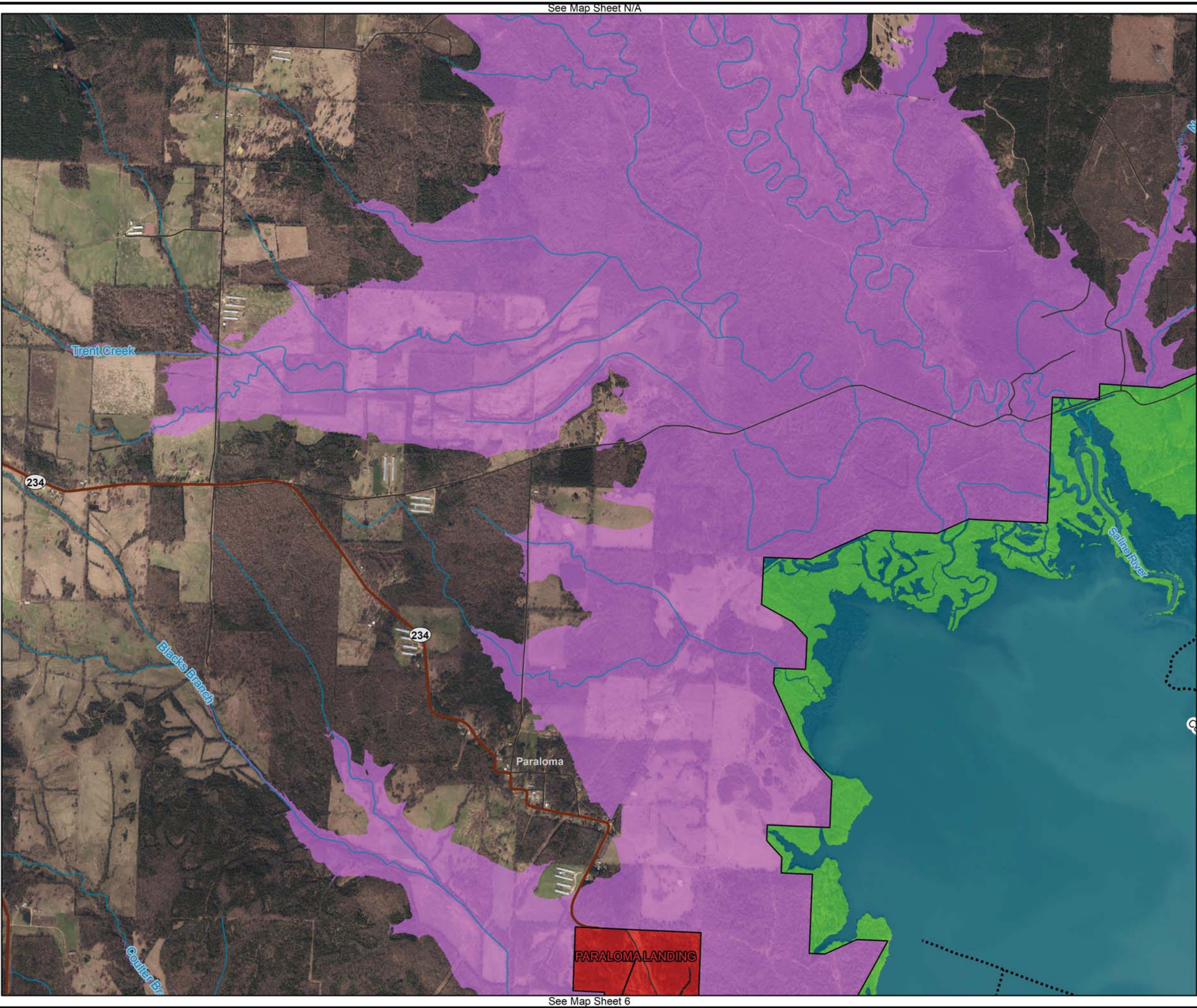
**SHORELINE MANAGEMENT PLAN
MILLWOOD LAKE**

Imagery Date: 2017



See Map Sheet N/A

See Map Sheet 2



See Map Sheet N/A

See Map Sheet 6

See Map Sheet 4

ALTERNATIVE TWO PREFERRED

SHORELINE ALLOCATIONS

LIMITED DEVELOPMENT AREA

PUBLIC RECREATION AREA

PROHIBITED

PROTECTED (No Color Shown On Map)

Legend

Boat Lane

Roads

State Highway

Rivers/Streams

Flowage Easement

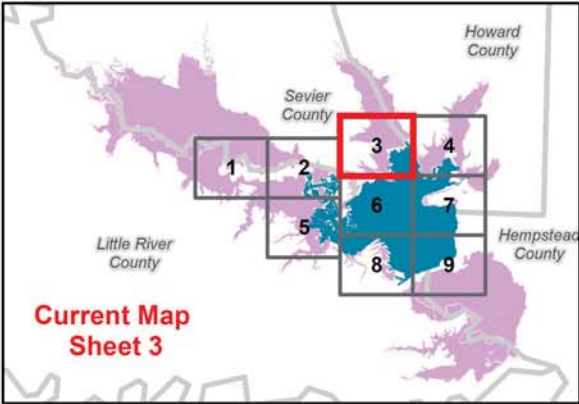
USACE Boundary

Preferred Land Classification

HIGH DENSITY

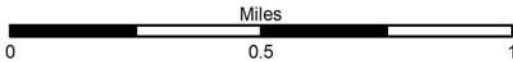
ENVIRONMENTALLY SENSITIVE

OPEN RECREATION



SHORELINE MANAGEMENT PLAN MILLWOOD LAKE

Imagery Date: 2017



See Map Sheet N/A

See Map Sheet 3

See Map Sheet N/A

See Map Sheet 7

ALTERNATIVE TWO PREFERRED

SHORELINE ALLOCATIONS

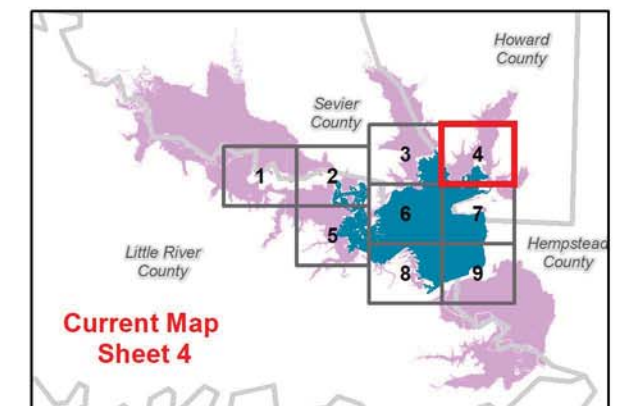
- LIMITED DEVELOPMENT AREA
- PUBLIC RECREATION AREA
- PROHIBITED
- PROTECTED (No Color Shown On Map)

Legend

- Corps Operated Ramp
- Boat Lane
- Roads
- State Highway
- Rivers/Streams
- Flowage Easement
- USACE Boundary

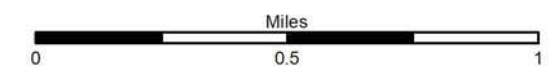
Preferred Land Classification

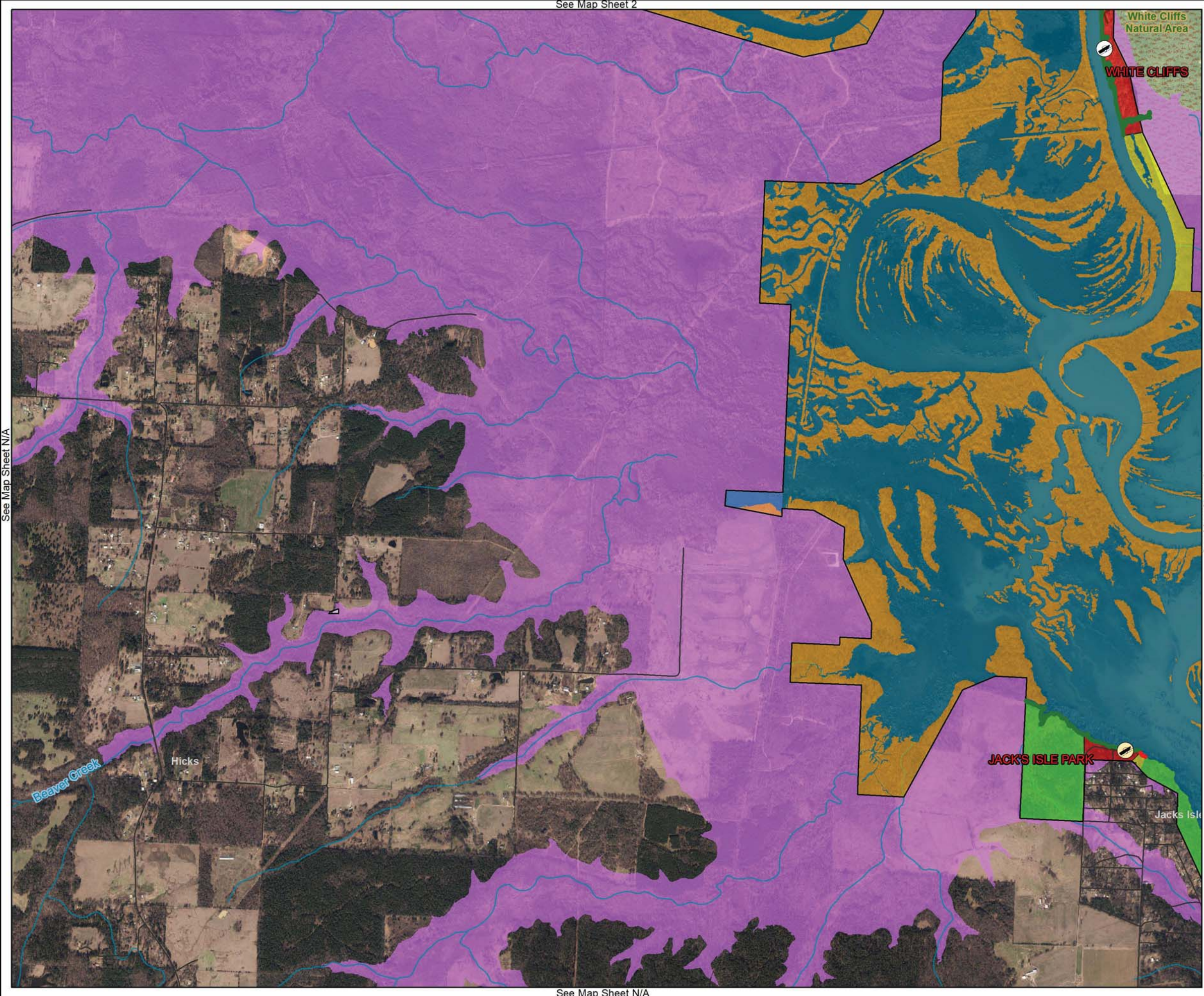
- HIGH DENSITY
- WILDLIFE MANAGEMENT
- ENVIRONMENTALLY SENSITIVE
- PROJECT OPERATIONS
- OPEN RECREATION



SHORELINE MANAGEMENT PLAN MILLWOOD LAKE

Imagery Date: 2017





ALTERNATIVE TWO PREFERRED

SHORELINE ALLOCATIONS

LIMITED DEVELOPMENT AREA

PUBLIC RECREATION AREA

PROHIBITED

PROTECTED (No Color Shown On Map)

Legend

Corps Operated Ramp

County Operated Ramp

Roads

State Highway

Rivers/Streams

Natural Area

Flowage Easement

USACE Boundary

Preferred Land Classification

HIGH DENSITY

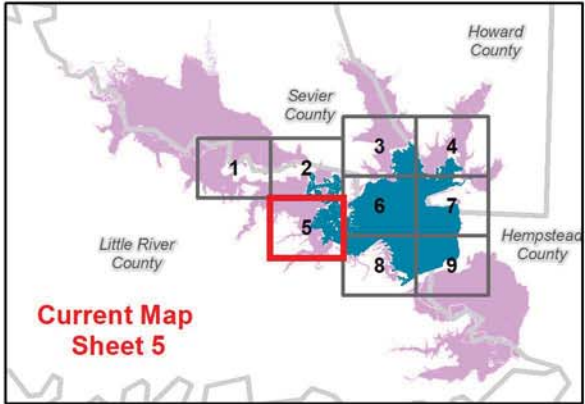
LOW DENSITY

WILDLIFE MANAGEMENT

ENVIRONMENTALLY SENSITIVE

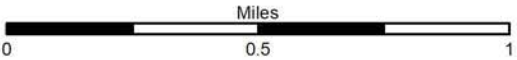
PROJECT OPERATIONS

OPEN RECREATION



SHORELINE MANAGEMENT PLAN MILLWOOD LAKE

Imagery Date: 2017





ALTERNATIVE TWO PREFERRED

SHORELINE ALLOCATIONS

LIMITED DEVELOPMENT AREA

PUBLIC RECREATION AREA

PROHIBITED

PROTECTED (No Color Shown On Map)

Legend

Corps Operated Ramp

Boat Lane

Roads

State Highway

Rivers/Streams

Natural Area

Flowage Easement

USACE Boundary

Preferred Land Classification

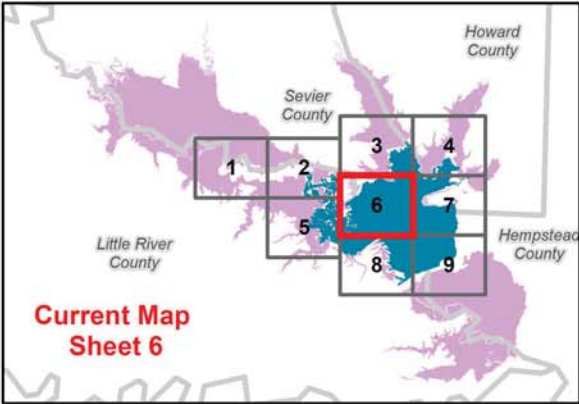
HIGH DENSITY

LOW DENSITY

WILDLIFE MANAGEMENT

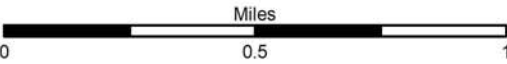
ENVIRONMENTALLY SENSITIVE

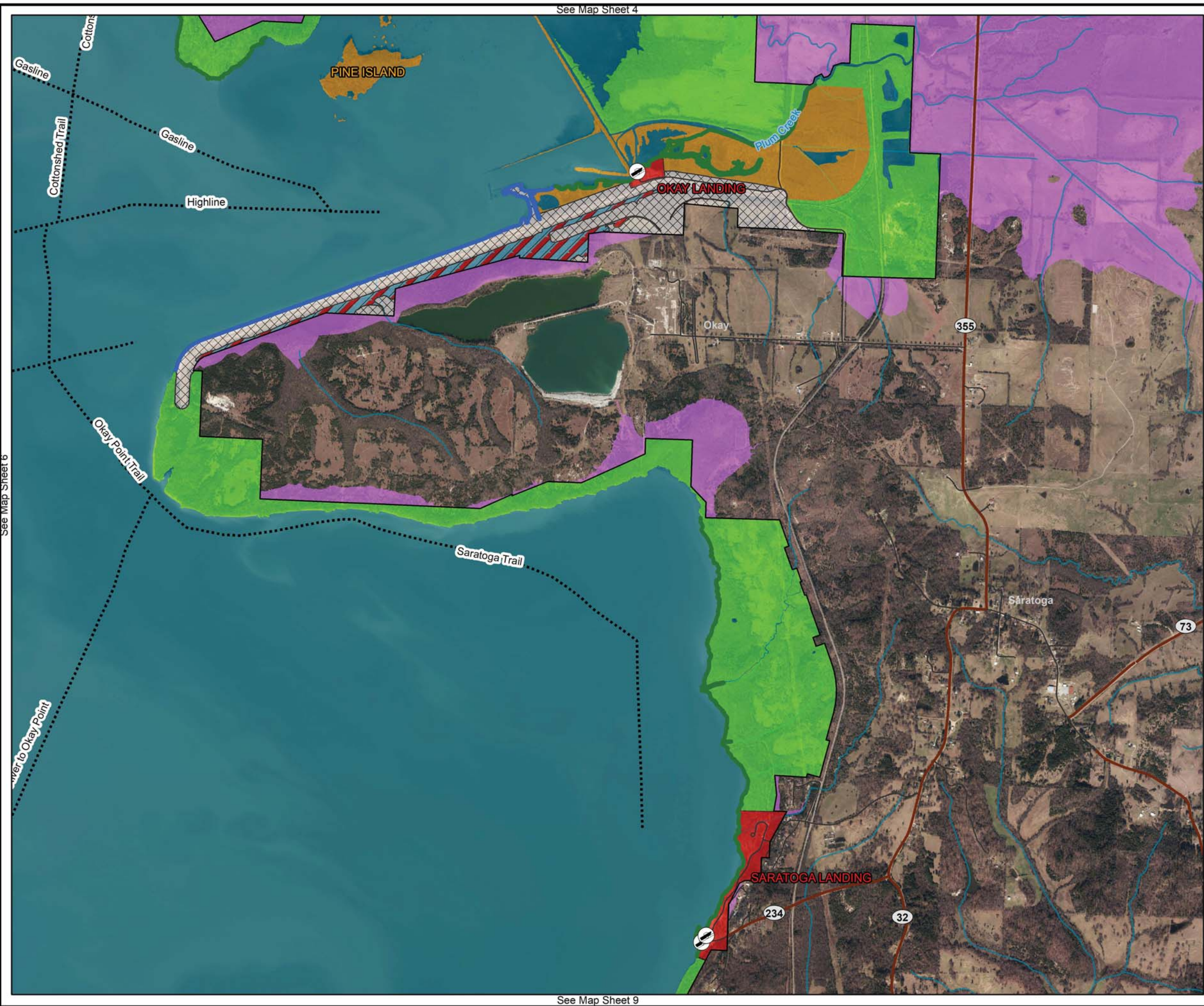
OPEN RECREATION



SHORELINE MANAGEMENT PLAN MILLWOOD LAKE

Imagery Date: 2017





**ALTERNATIVE TWO
PREFERRED**

SHORELINE ALLOCATIONS

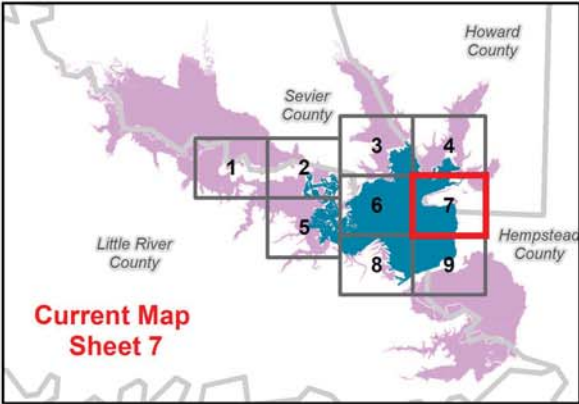
- LIMITED DEVELOPMENT AREA
- PUBLIC RECREATION AREA
- PROHIBITED
- PROTECTED (No Color Shown On Map)

Legend

- Corps Operated Ramp
- Boat Lane
- Roads
- State Highway
- Rivers/Streams
- Flowage Easement
- USACE Boundary

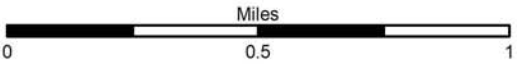
Preferred Land Classification

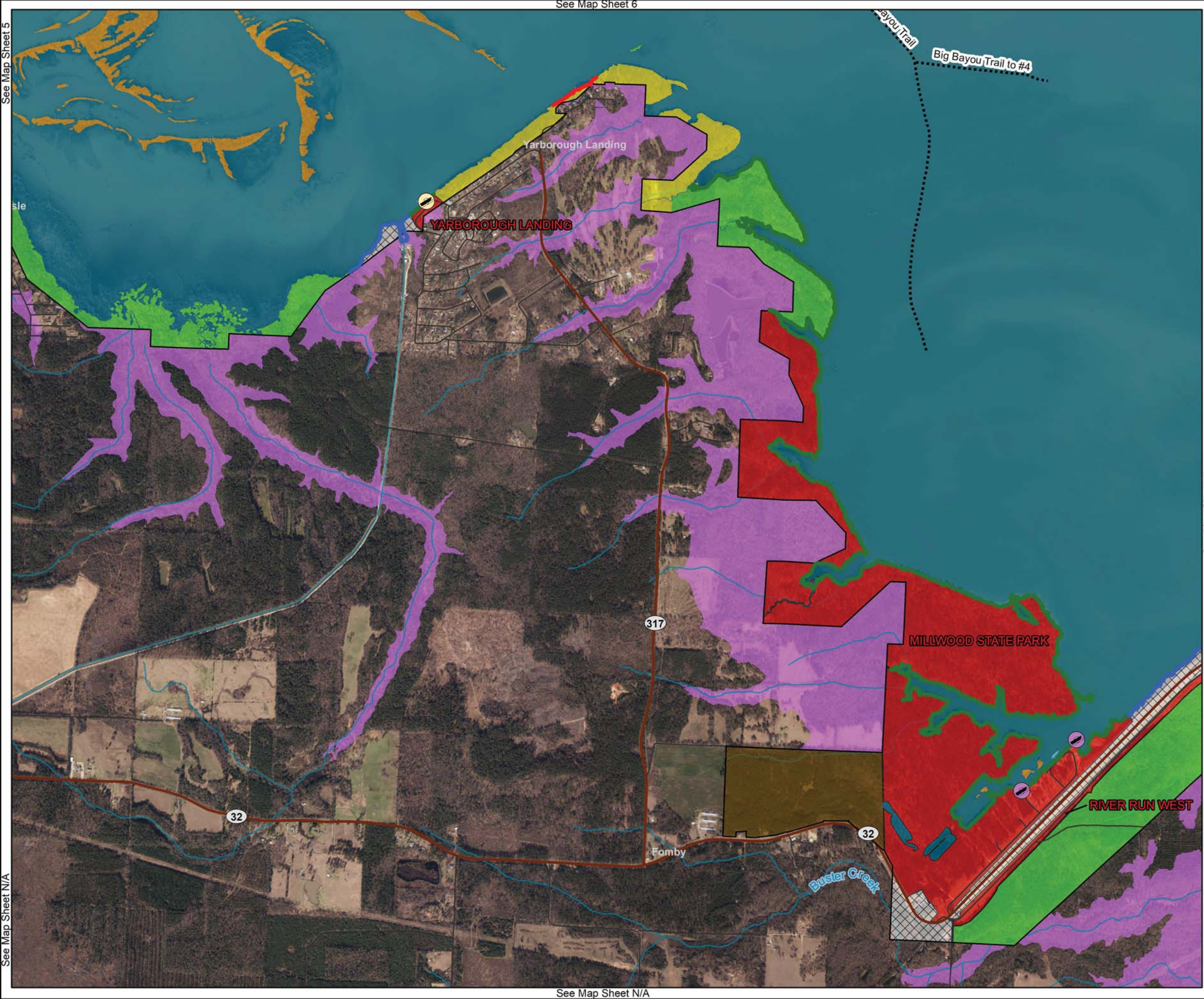
- HIGH DENSITY
- WILDLIFE MANAGEMENT
- ENVIRONMENTALLY SENSITIVE
- PROJECT OPERATIONS
- RESTRICTED
- OPEN RECREATION



**SHORELINE MANAGEMENT PLAN
MILLWOOD LAKE**

Imagery Date: 2017





ALTERNATIVE TWO PREFERRED

SHORELINE ALLOCATIONS

LIMITED DEVELOPMENT AREA

PUBLIC RECREATION AREA

PROHIBITED

PROTECTED (No Color Shown On Map)

Legend

County Operated Ramp

State Operated Ramp

Boat Lane

Roads

State Highway

Rivers/Streams

Flowage Easement

USACE Boundary

Preferred Land Classification

HIGH DENSITY

LOW DENSITY

WILDLIFE MANAGEMENT

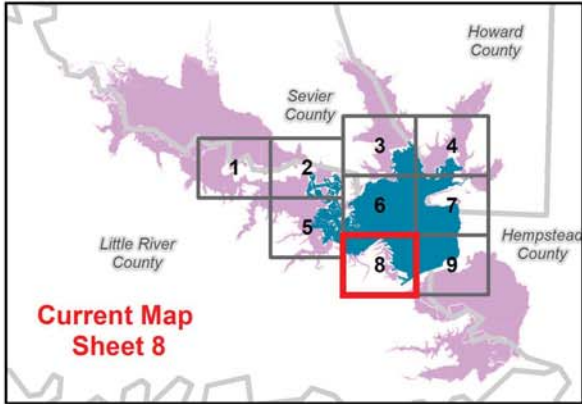
VEGETATIVE MANAGEMENT

ENVIRONMENTALLY SENSITIVE

PROJECT OPERATIONS

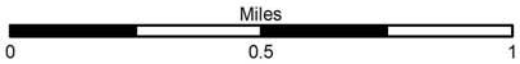
RESTRICTED

OPEN RECREATION



SHORELINE MANAGEMENT PLAN MILLWOOD LAKE

Imagery Date: 2017



ALTERNATIVE TWO PREFERRED

SHORELINE ALLOCATIONS

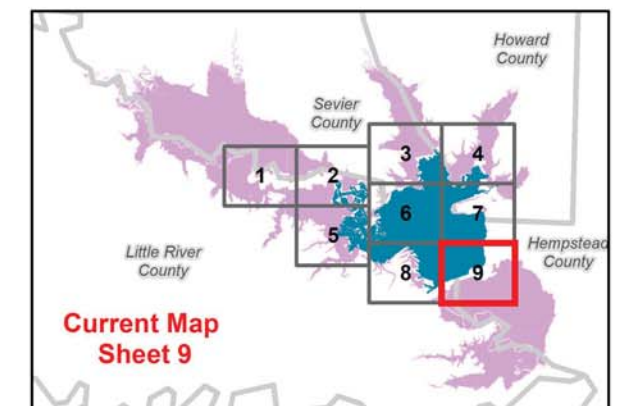
- LIMITED DEVELOPMENT AREA
- PUBLIC RECREATION AREA
- PROHIBITED
- PROTECTED (No Color Shown On Map)

Legend

- Corps Operated Ramp
- Roads
- State Highway
- Rivers/Streams
- Flowage Easement
- USACE Boundary

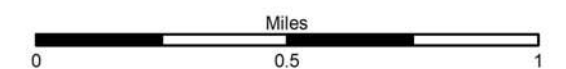
Preferred Land Classification

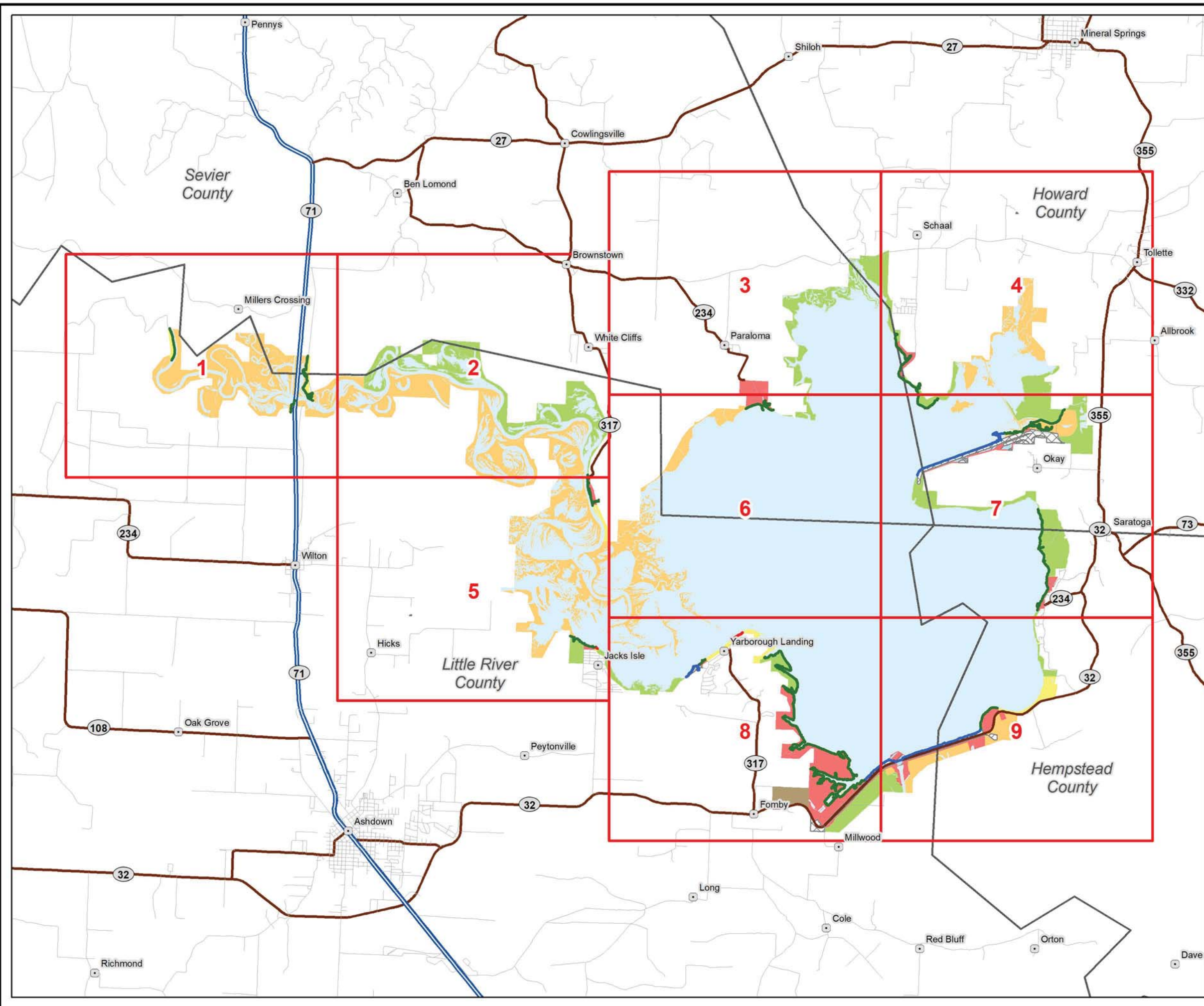
- HIGH DENSITY
- LOW DENSITY
- WILDLIFE MANAGEMENT
- ENVIRONMENTALLY SENSITIVE
- PROJECT OPERATIONS
- RESTRICTED
- OPEN RECREATION



SHORELINE MANAGEMENT PLAN MILLWOOD LAKE

Imagery Date: 2017





MAP SHEET INDEX SELECTED ALTERNATIVE



Legend

Roads

State Highway

US Highway

Counties

LAND CLASSIFICATIONS

HIGH DENSITY

LOW DENSITY

WILDLIFE MANAGEMENT

VEGETATIVE MANAGEMENT

ENVIRONMENTALLY SENSITIVE

PROJECT OPERATIONS

RESTRICTED

OPEN RECREATION

SHORELINE ALLOCATIONS

LIMITED DEVELOPMENT AREA

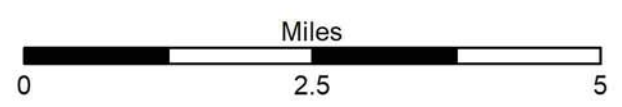
PUBLIC RECREATION AREA

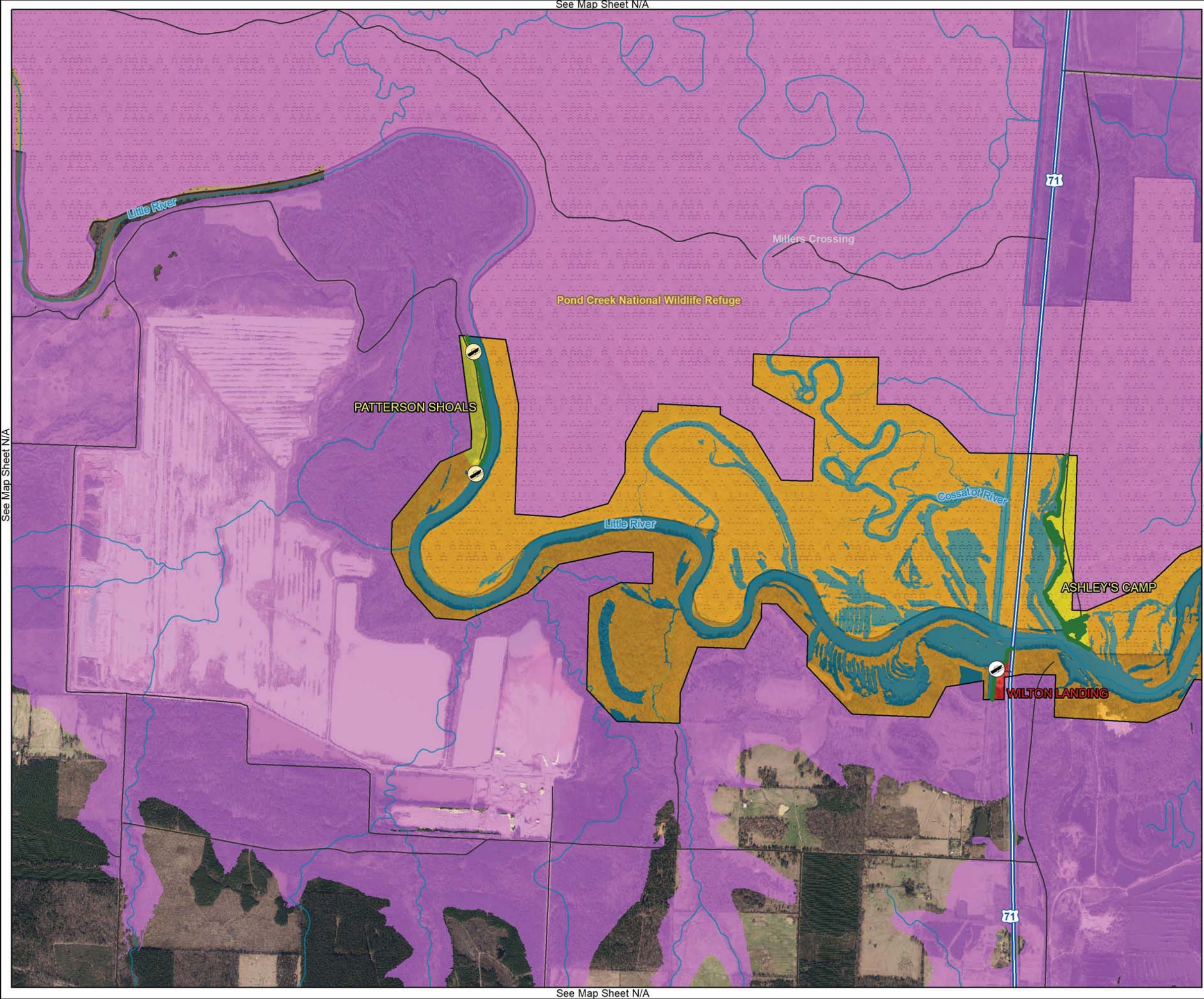
PROHIBITED

PROTECTED (No Color Shown On Map)



SHORELINE MANAGEMENT PLAN MILLWOOD LAKE





SELECTED ALTERNATIVE

SHORELINE ALLOCATIONS

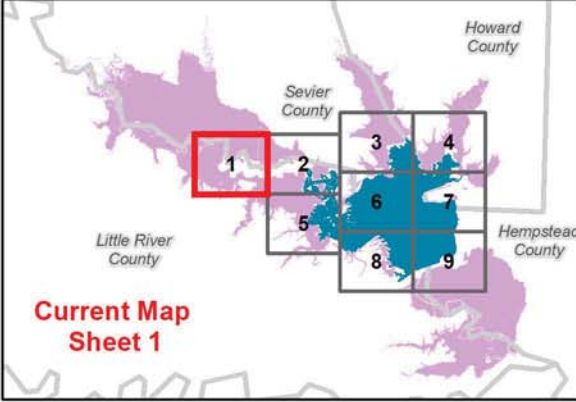
- LIMITED DEVELOPMENT AREA
- PUBLIC RECREATION AREA
- PROHIBITED
- PROTECTED (No Color Shown On Map)

Legend

- Corps Operated Ramp
- County Operated Ramp
- Roads
- US Highway
- Rivers/Streams
- National Wildlife Refuge
- Flowage Easement
- USACE Boundary

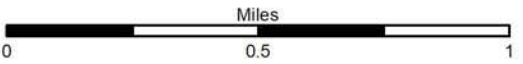
Selected Land Classification

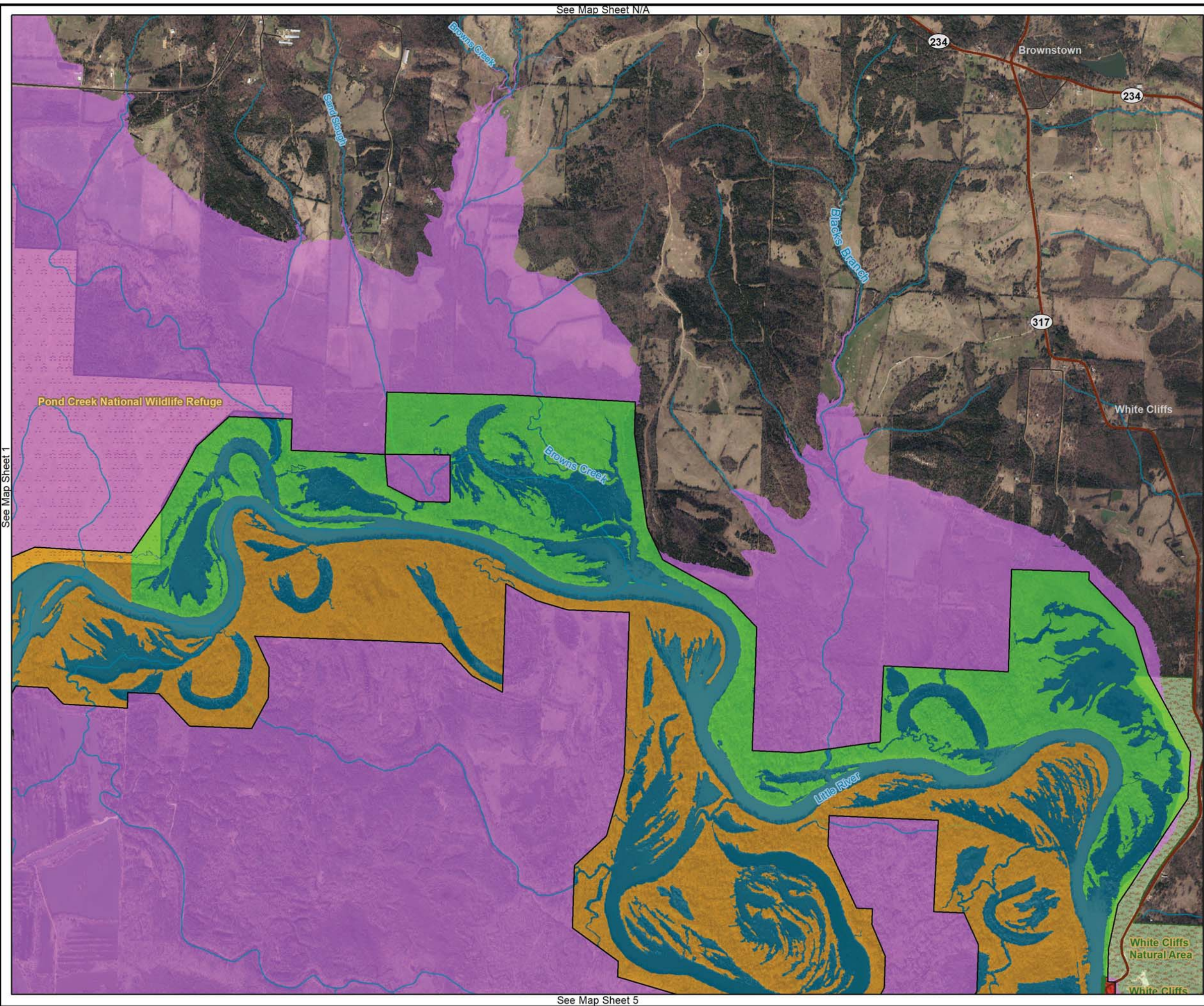
- HIGH DENSITY
- LOW DENSITY
- WILDLIFE MANAGEMENT
- OPEN RECREATION



SHORELINE MANAGEMENT PLAN MILLWOOD LAKE

Imagery Date: 2017





SELECTED ALTERNATIVE

SHORELINE ALLOCATIONS

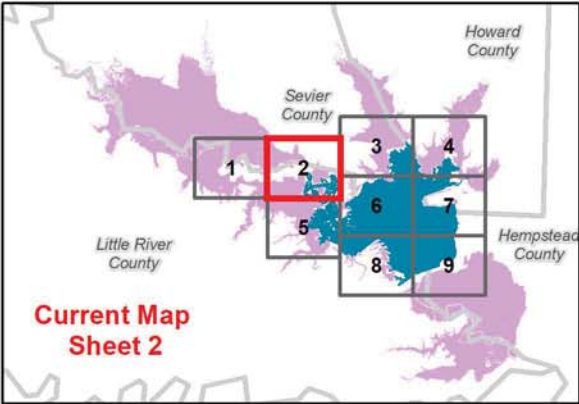
- LIMITED DEVELOPMENT AREA
- PUBLIC RECREATION AREA
- PROHIBITED
- PROTECTED (No Color Shown On Map)

Legend

- Roads
- State Highway
- Rivers/Streams
- National Wildlife Refuge
- Natural Area
- Flowage Easement
- USACE Boundary

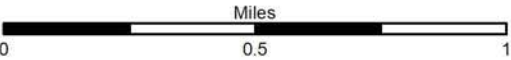
Selected Land Classification

- HIGH DENSITY
- WILDLIFE MANAGEMENT
- ENVIRONMENTALLY SENSITIVE
- OPEN RECREATION



SHORELINE MANAGEMENT PLAN MILLWOOD LAKE

Imagery Date: 2017



See Map Sheet N/A

SELECTED ALTERNATIVE

SHORELINE ALLOCATIONS

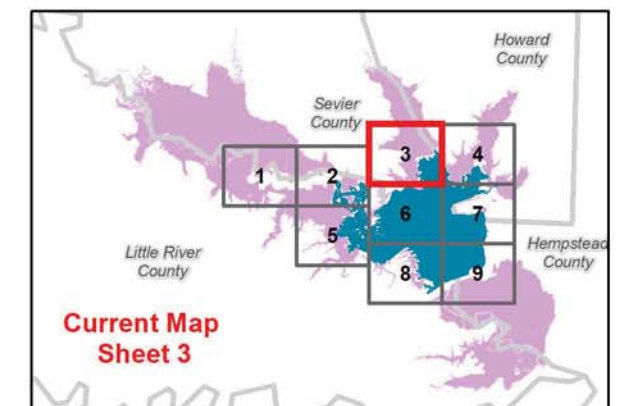
- LIMITED DEVELOPMENT AREA
- PUBLIC RECREATION AREA
- PROHIBITED
- PROTECTED (No Color Shown On Map)

Legend

- Boat Lane
- Roads
- State Highway
- Rivers/Streams
- Flowage Easement
- USACE Boundary

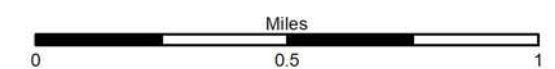
Selected Land Classification

- HIGH DENSITY
- ENVIRONMENTALLY SENSITIVE
- OPEN RECREATION



SHORELINE MANAGEMENT PLAN MILLWOOD LAKE

Imagery Date: 2017



See Map Sheet 2

See Map Sheet 4

See Map Sheet 6

See Map Sheet N/A

See Map Sheet 3

See Map Sheet N/A

See Map Sheet 7

SELECTED ALTERNATIVE

SHORELINE ALLOCATIONS

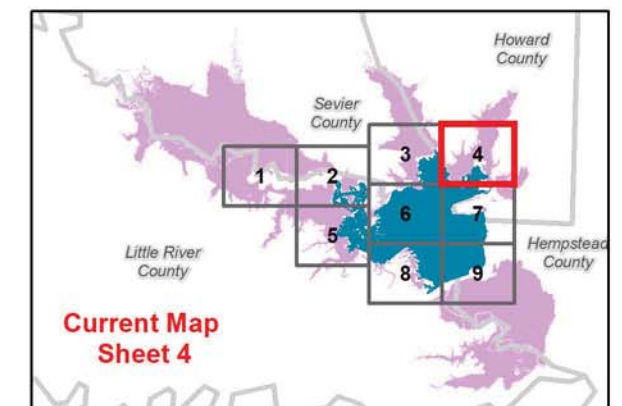
- LIMITED DEVELOPMENT AREA
- PUBLIC RECREATION AREA
- PROHIBITED
- PROTECTED (No Color Shown On Map)

Legend

- Corps Operated Ramp
- Boat Lane
- Roads
- State Highway
- Rivers/Streams
- Flowage Easement
- USACE Boundary

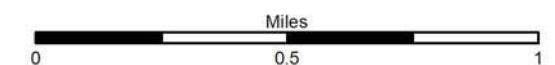
Selected Land Classification

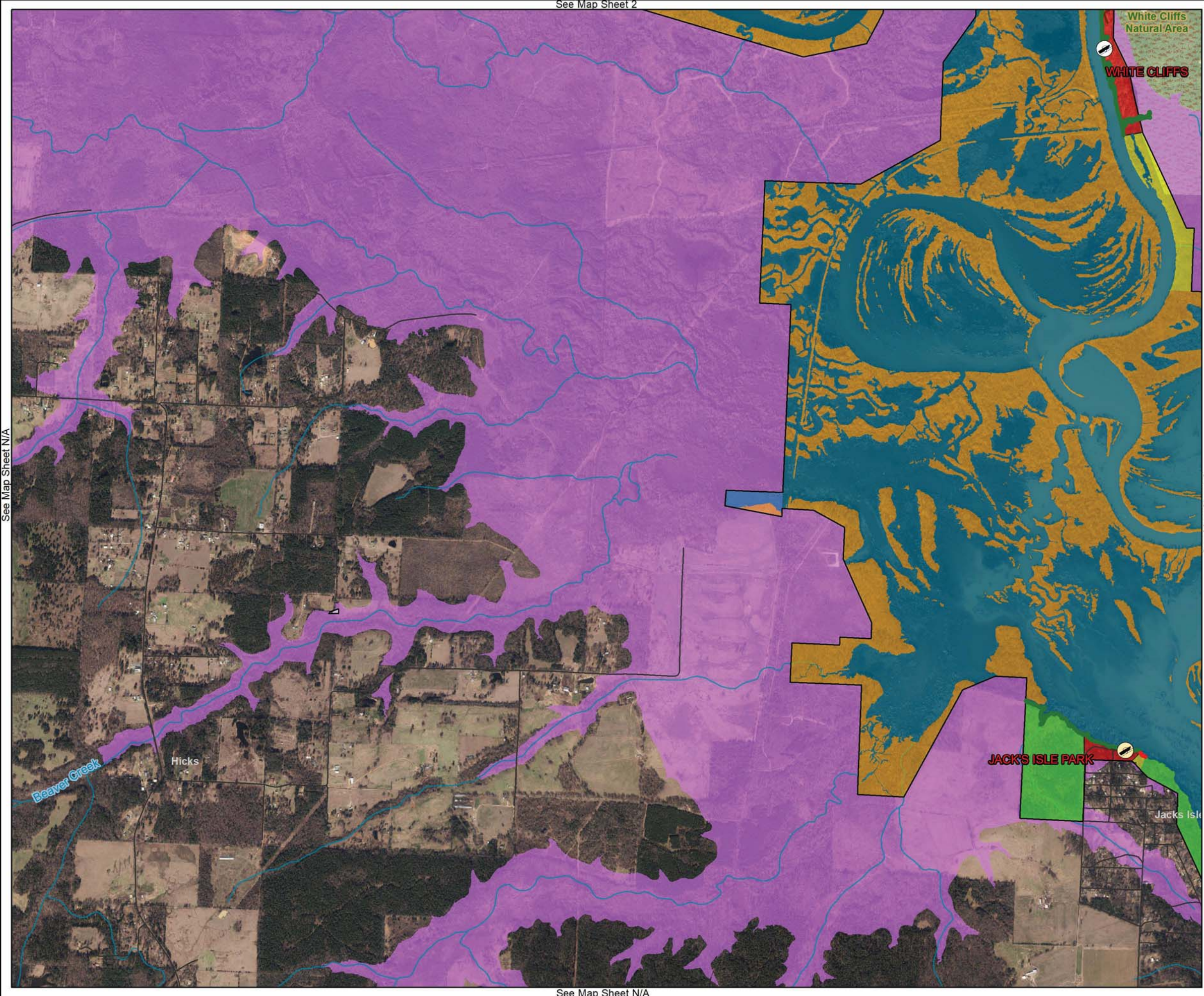
- HIGH DENSITY
- WILDLIFE MANAGEMENT
- ENVIRONMENTALLY SENSITIVE
- PROJECT OPERATIONS
- OPEN RECREATION



SHORELINE MANAGEMENT PLAN MILLWOOD LAKE

Imagery Date: 2017





SELECTED ALTERNATIVE

SHORELINE ALLOCATIONS

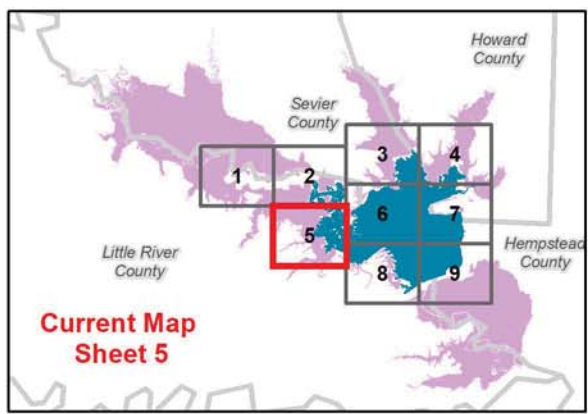
- LIMITED DEVELOPMENT AREA
- PUBLIC RECREATION AREA
- PROHIBITED
- PROTECTED (No Color Shown On Map)

Legend

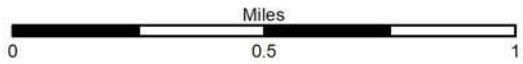
- Corps Operated Ramp
- County Operated Ramp
- Roads
- State Highway
- Rivers/Streams
- Natural Area
- Flowage Easement
- USACE Boundary

Selected Land Classification

- HIGH DENSITY
- LOW DENSITY
- WILDLIFE MANAGEMENT
- ENVIRONMENTALLY SENSITIVE
- PROJECT OPERATIONS
- OPEN RECREATION



SHORELINE MANAGEMENT PLAN
MILLWOOD LAKE
Imagery Date: 2017





SELECTED ALTERNATIVE

SHORELINE ALLOCATIONS

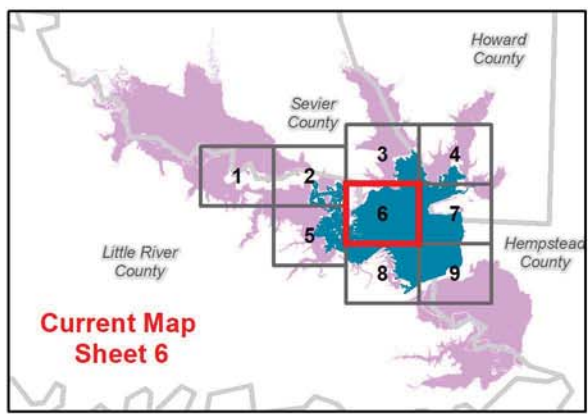
- LIMITED DEVELOPMENT AREA
- PUBLIC RECREATION AREA
- PROHIBITED
- PROTECTED (No Color Shown On Map)

Legend

- Corps Operated Ramp
- Boat Lane
- Roads
- State Highway
- Rivers/Streams
- Natural Area
- Flowage Easement
- USACE Boundary

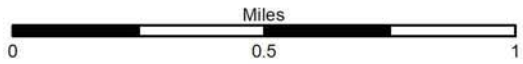
Selected Land Classification

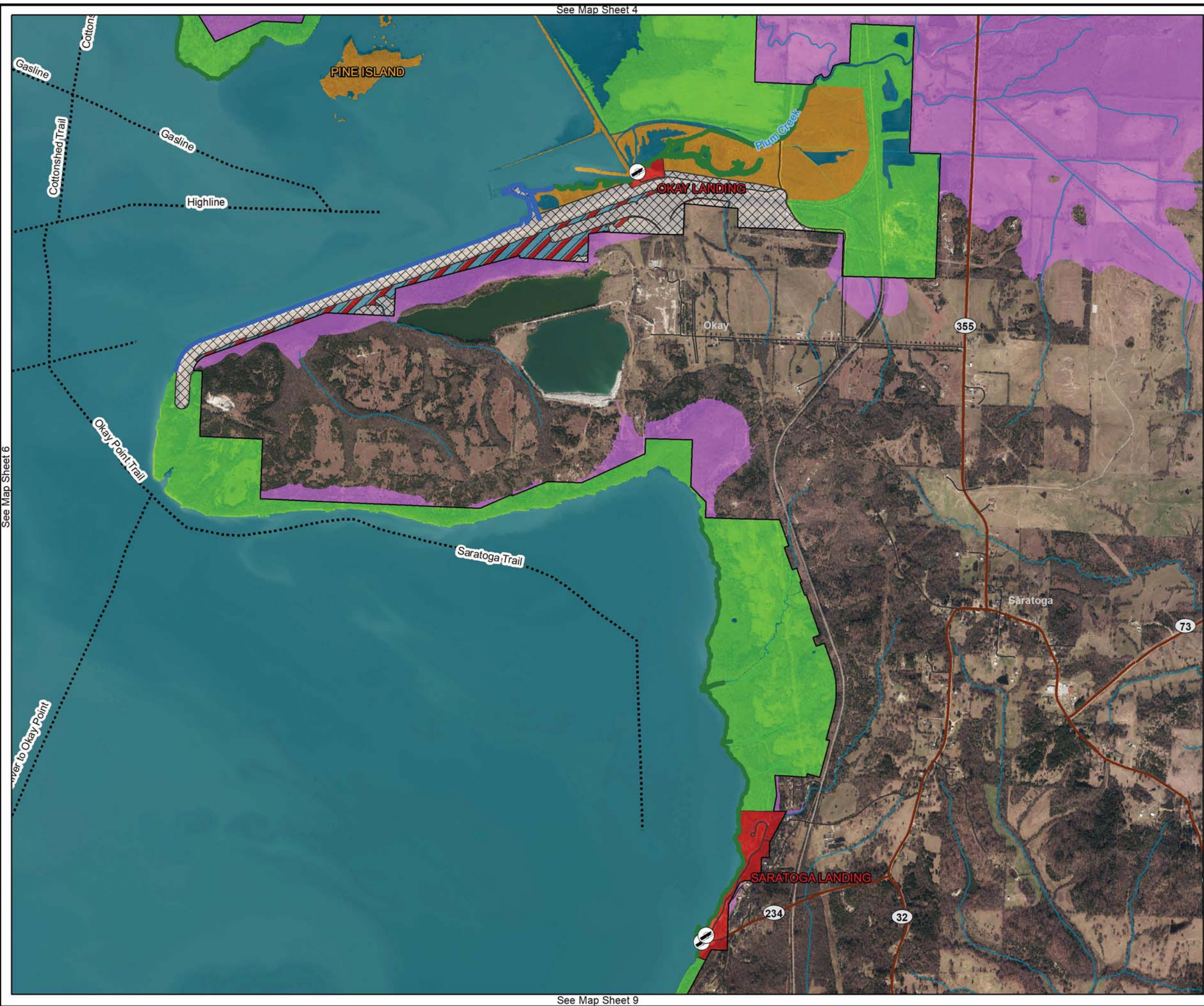
- HIGH DENSITY
- LOW DENSITY
- WILDLIFE MANAGEMENT
- ENVIRONMENTALLY SENSITIVE
- OPEN RECREATION



SHORELINE MANAGEMENT PLAN MILLWOOD LAKE

Imagery Date: 2017





SELECTED ALTERNATIVE

SHORELINE ALLOCATIONS

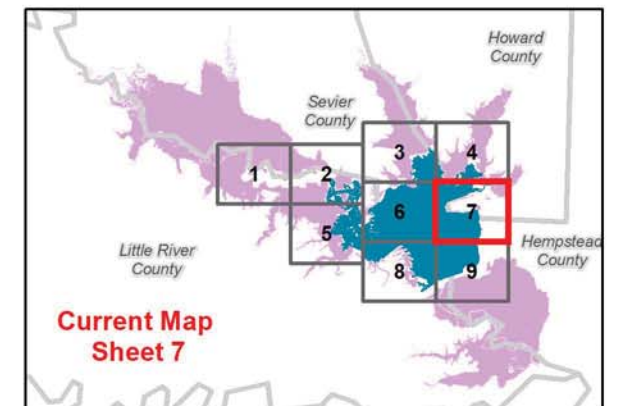
- LIMITED DEVELOPMENT AREA
- PUBLIC RECREATION AREA
- PROHIBITED PROTECTED (No Color Shown On Map)

Legend

- Corps Operated Ramp
- Boat Lane
- Roads
- State Highway
- Rivers/Streams
- Flowage Easement
- USACE Boundary

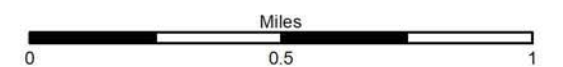
Selected Land Classification

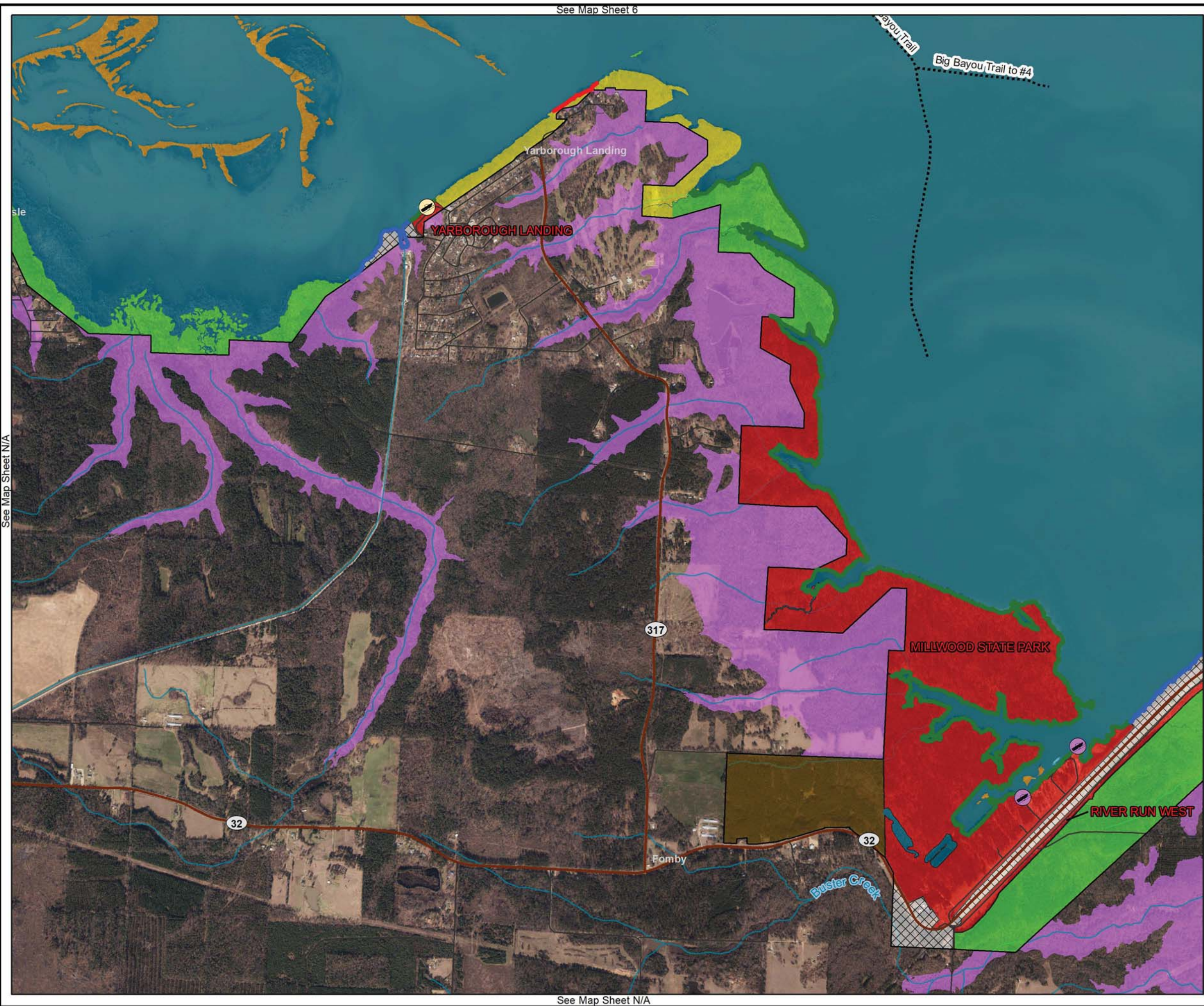
- HIGH DENSITY
- WILDLIFE MANAGEMENT
- ENVIRONMENTALLY SENSITIVE
- PROJECT OPERATIONS
- RESTRICTED
- OPEN RECREATION



SHORELINE MANAGEMENT PLAN MILLWOOD LAKE

Imagery Date: 2017





SELECTED ALTERNATIVE

SHORELINE ALLOCATIONS

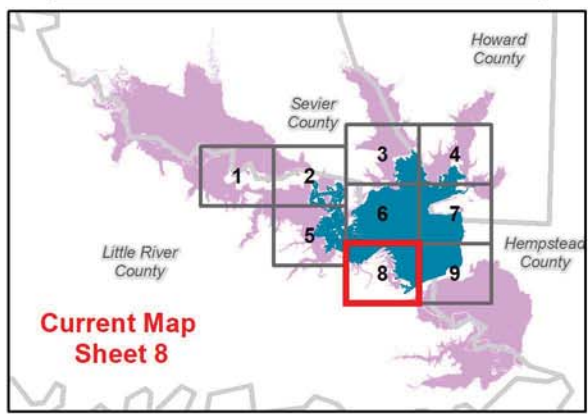
- LIMITED DEVELOPMENT AREA (Red line)
- PUBLIC RECREATION AREA (Green line)
- PROHIBITED (Blue line)
- PROTECTED (No Color Shown On Map)

Legend

- County Operated Ramp (Yellow circle with black dot)
- State Operated Ramp (Purple circle with black dot)
- Boat Lane (Dashed line)
- Roads (Black line)
- State Highway (Brown line)
- Rivers/Streams (Blue line)
- Flowage Easement (Purple area)
- USACE Boundary (White area)

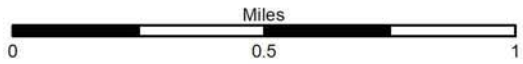
Selected Land Classification

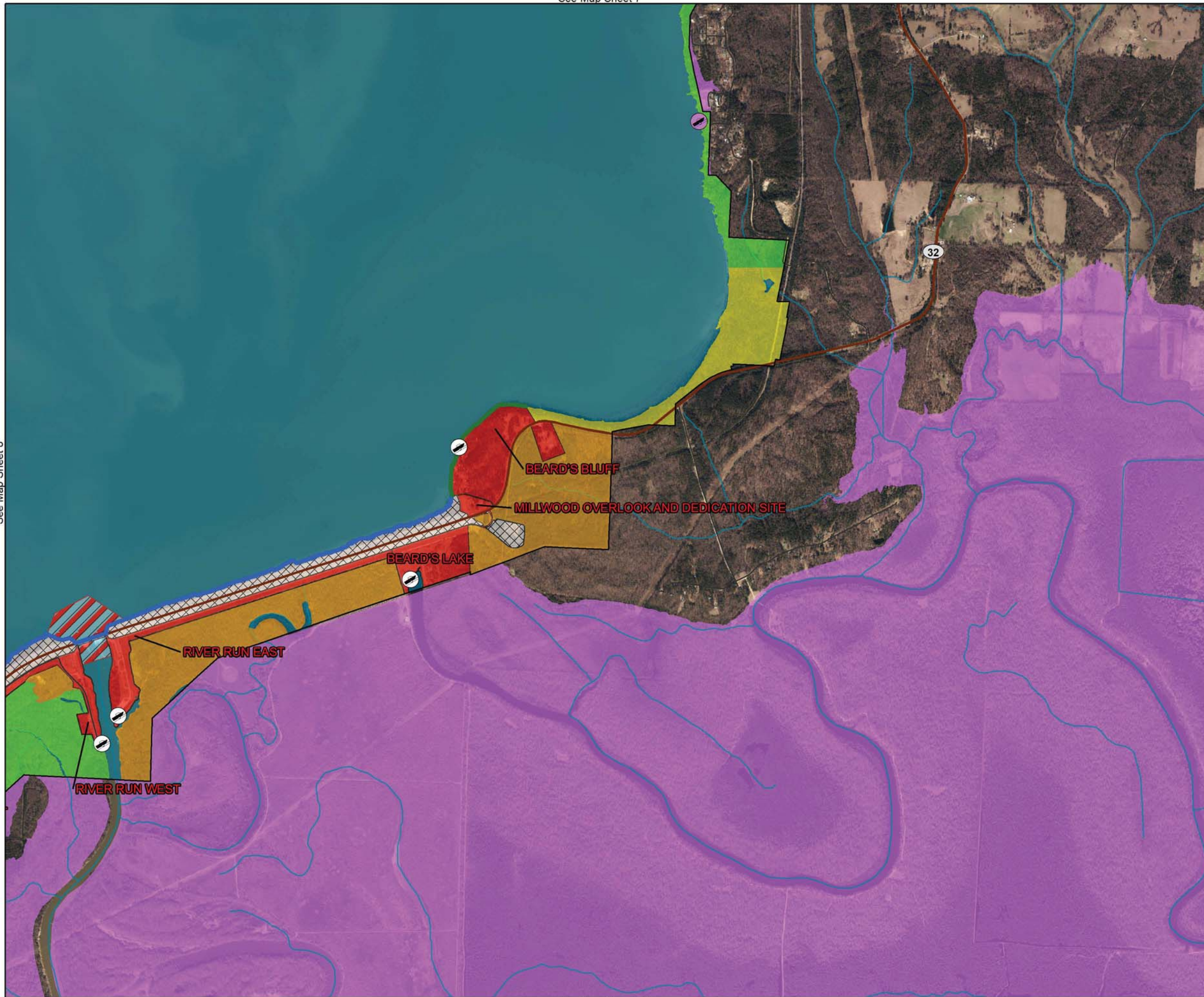
- HIGH DENSITY (Red area)
- LOW DENSITY (Yellow area)
- WILDLIFE MANAGEMENT (Orange area)
- VEGETATIVE MANAGEMENT (Brown area)
- ENVIRONMENTALLY SENSITIVE (Green area)
- PROJECT OPERATIONS (Cross-hatched area)
- RESTRICTED (Red and blue diagonal lines)
- OPEN RECREATION (Blue area)



SHORELINE MANAGEMENT PLAN MILLWOOD LAKE

Imagery Date: 2017





SELECTED ALTERNATIVE

SHORELINE ALLOCATIONS

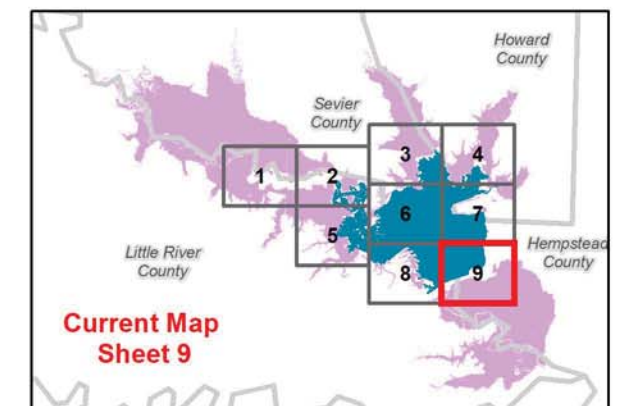
- LIMITED DEVELOPMENT AREA
- PUBLIC RECREATION AREA
- PROHIBITED
- PROTECTED (No Color Shown On Map)

Legend

- Corps Operated Ramp
- State Operated Ramp
- Roads
- State Highway
- Rivers/Streams
- Flowage Easement
- USACE Boundary

Selected Land Classification

- HIGH DENSITY
- LOW DENSITY
- WILDLIFE MANAGEMENT
- ENVIRONMENTALLY SENSITIVE
- PROJECT OPERATIONS
- RESTRICTED
- OPEN RECREATION



SHORELINE MANAGEMENT PLAN MILLWOOD LAKE

Imagery Date: 2017

