

T E N N E S S E E V A L L E Y A U T H O R I T Y



KENTUCKY RESERVOIR
FINAL RESERVOIR LAND MANAGEMENT PLAN

Volume V

MULTIPLE RESERVOIR LAND MANAGEMENT PLANS
FINAL ENVIRONMENTAL IMPACT STATEMENT

August 2017



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KENTUCKY RESERVOIR

Final Reservoir Land Management Plan

VOLUME V

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Prepared by
Tennessee Valley Authority

August 2017

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ACRONYMS AND ABBREVIATIONS

APE	Area of Potential Effect
ATV	All-Terrain Vehicle
CFR	Code of Federal Regulations
CVLP	Comprehensive Valleywide Land Plan
dBA	A-Weighted Decibel
EIS	Environmental Impact Statement
EO	Executive Order
gpm	Gallons per Minute
HPA	Habitat Protection Area
KDFWR	Kentucky Department of Fish and Wildlife Resources
KSR	Kentucky State Route
LBL	Land Between the Lakes
msl	Mean Sea Level
NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NRP	Natural Resource Plan
RFAI	Reservoir Fish Assemblage Index
RLMP	Reservoir Land Management Plan
ROTC	Reserve Officers Training Corps
ROW	Right-of-Way
RVSMP	Reservoir Vital Signs Monitoring Program
SMI	Shoreline Management Initiative
SMP	Shoreline Management Policy
SWA	Small Wild Area
TNWR	Tennessee National Wildlife Refuge
TRM	Tennessee River mile
TSR	Tennessee State Route
TVA	Tennessee Valley Authority
TVA Board	Tennessee Valley Authority Board of Directors
TWRA	Tennessee Wildlife Resources Agency
U.S.	United States
USACE	U.S. Army Corps of Engineers
USCB	U.S. Census Bureau
USDA	U.S. Department of Agriculture
USEPA	U.S. Environmental Protection Agency

Kentucky Reservoir Land Management Plan

USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geologic Survey
Valley	Tennessee River Valley Region
WMA	Wildlife Management Area

CHAPTER 1. INTRODUCTION

The Kentucky Reservoir Land Management Plan (RLMP) was approved by the Tennessee Valley Authority (TVA) Board of Directors on August 23, 2017. This Volume serves as the consolidated planning document addressing management of TVA reservoir lands on Kentucky Reservoir for the reference of TVA staff and the public; the allocations under Alternative B – Proposed Land Use Plan are the final land use allocations.

The Kentucky RLMP is a study of the TVA-managed public land surrounding Kentucky Reservoir. It is one of eight RLMPs associated with the nine volume Environmental Impact Statement (EIS) for the Multiple Reservoirs Land Management Plan project. The EIS, Volume I contains information on the scoping process, allocation process, alternatives, comparison of the alternatives, and the analysis of potential impacts. In addition, Volume I contains a summary, an index, and appendices.

Alternatives Evaluated in the EIS, Volume I

In the EIS, TVA considered two alternatives for managing public land under its control around the eight reservoirs. Under Alternative A – No Action Alternative, TVA would continue to use the previous land use plans, if any, which use an older method of land use planning. Under Alternative B – Land Use Plan Alternative, TVA applies the Single Use Parcel Allocation methodology of land use allocation zones that has been used in TVA land plans since 1999.

Volume V of the EIS addresses TVA's final RLMP for Kentucky Reservoir. This Volume provides background information about TVA land management throughout its history and specifically TVA management of public land surrounding Kentucky Reservoir. It explains the purpose of the final RLMP and describes the process used in its development. The final RLMP includes the planning process, which lists the objectives around which the RLMP was developed, and a summary of the allocation process. The Kentucky Reservoir Regional Overview (Chapter 2) describes the natural and social development of the reservoir and the surrounding area. The Parcel Descriptions (Chapter 4) include total acreage and parcel descriptions documenting land management allocations. The 12 reservoir maps illustrating the land use allocations are included as Appendix A of this RLMP.

This Volume will guide land use approvals, private water use facility permitting, and resource management decisions on TVA-managed public land around Kentucky Reservoir. Any proposed development or activity on public land will be subject to TVA approval pending the completion of a site-specific environmental review to evaluate the potential environmental effects of the proposal. As necessary, TVA would impose any necessary mitigative measures as conditions of approval for the use of public lands to minimize adverse environmental effects.

1.1 Tennessee Valley Authority History

President Franklin Roosevelt needed creative solutions to lift the nation out of the depths of the Great Depression, and TVA is considered one of his most innovative initiatives. Roosevelt envisioned TVA as an agency different from any other. He asked Congress to create “a corporation clothed with the power of government but possessed of the flexibility and initiative of a private enterprise.” On May 18, 1933, Congress passed the Tennessee Valley Authority Act (TVA Act). A link to the TVA Act is available at <https://www.tva.com/About-TVA/Our-History>.

From the start, TVA established a unique problem-solving approach to fulfilling its mission: Integrated Resource Management. Each issue TVA faced—whether it was power production, navigation, flood control, malaria prevention, reforestation, or erosion control—was studied in its broadest context. TVA weighed each issue relative to the others. From this beginning, TVA has held fast to its strategy of integrated solutions, even as the issues changed over the years. A short TVA history is available at <http://www.tva.com/abouttva/history.htm>.

1.2 Overview of TVA’s Mission and Environmental Policy

1.2.1 TVA’s Mission

TVA has a rich history of improving quality of life and economic prosperity for people and businesses in the TVA service area. TVA was created by Congress in 1933 and charged with a unique mission—to improve the quality of life in the Valley through the integrated management of the region’s resources. For more than eight decades, we have worked tirelessly to carry out that mission and to make life better for the nine million people who live in the Valley today. We serve the people of the Tennessee Valley by focusing on three key areas: energy, environment, and economic development.

1.2.2 Environmental Policy

As stated in TVA’s 2007 Strategic Plan, “TVA will be proactive in addressing environmental concerns, including those related to global climate change.” About half of the identified strategic

objectives and critical success factors in the plan relate directly to TVA's environmental activities and policy-making.

Following the release of the 2007 Strategic Plan, the TVA Board asked for the development of an integrated environmental policy to outline objectives and critical success factors across the multiple areas of TVA's activities. In 2008, the TVA Board approved the Environmental Policy, which provides guiding principles for reducing the environmental impacts of TVA operations while continuing to provide reliable and affordable power to the Valley. In 2010, a biennial review of the Environmental Policy was completed, which did not result in major changes or revisions. TVA's overarching Environmental Policy objective is to provide cleaner, reliable, and affordable energy; support sustainable economic growth in the Valley; and engage in proactive environmental stewardship in a balanced and ecologically sound manner. The Environmental Policy is available at <http://www.tva.com/environment/policy.htm>.

1.2.3 Land Policy

On behalf of the United States (U.S.), TVA originally acquired approximately 1.3 million acres of land in the Valley. Creation of the TVA reservoir system inundated approximately 470,000 acres with water. TVA has transferred or sold approximately 508,000 acres, the majority of which was transferred to other federal and state agencies for public uses. TVA currently controls approximately 293,000 acres of reservoir lands, which continue to be managed pursuant to the TVA Act (Figure 1-1). As part of its management of these lands, TVA allocates them to various land use zones (see Section 3.1). These TVA-managed lands are frequently referred to as "TVA lands" in this document.

In 2006, TVA adopted a Land Policy to guide retention, disposal, and planning of real property. Accordingly, it is TVA's policy to manage its lands to protect the integrated operation of the TVA reservoir and power systems, to provide for appropriate public use and enjoyment of the reservoir system, and to provide for continuing economic growth in the Valley. Recognizing that historical land transfers have contributed substantially to meeting multipurpose objectives, TVA maintains the policy of retaining in public ownership the reservoir lands under its control except in those rare instances where the benefits to the public will be so significant that transferring lands to private ownership or another public entity is justified. The Land Policy is available at <https://www.tva.gov/Environment/Environmental-Stewardship/Land-Management/TVA-Land-Policy>.

1.2.4 Shoreline Management Policy

In November 1998, TVA completed a Shoreline Management Initiative (SMI) EIS (TVA 1998) analyzing possible alternatives for managing residential shoreline development throughout the Valley. In April 1999, TVA adopted the agency's current Shoreline Management Policy (SMP), which incorporates a strategy of managing public shoreline through an integrated approach that conserves, protects, and enhances shoreline resources and public use opportunities while providing for reasonable and compatible use of the shoreline by adjacent residents. The SMP defines the standards for vegetation management, docks, shoreline stabilization, and other residential shoreline alterations. TVA's Section 26a regulations include these standards as well as the approval process and other requirements regarding TVA's Section 26a jurisdiction. The SMI EIS is available at <https://www.tva.com/Environment/Environmental-Stewardship/Environmental-Reviews/Shoreline-Management-Policy> and the Section 26a regulations are available at <https://www.tva.gov/Environment/Shoreline-Construction/TVA-Act-26a-Standards-and-Regulations>.

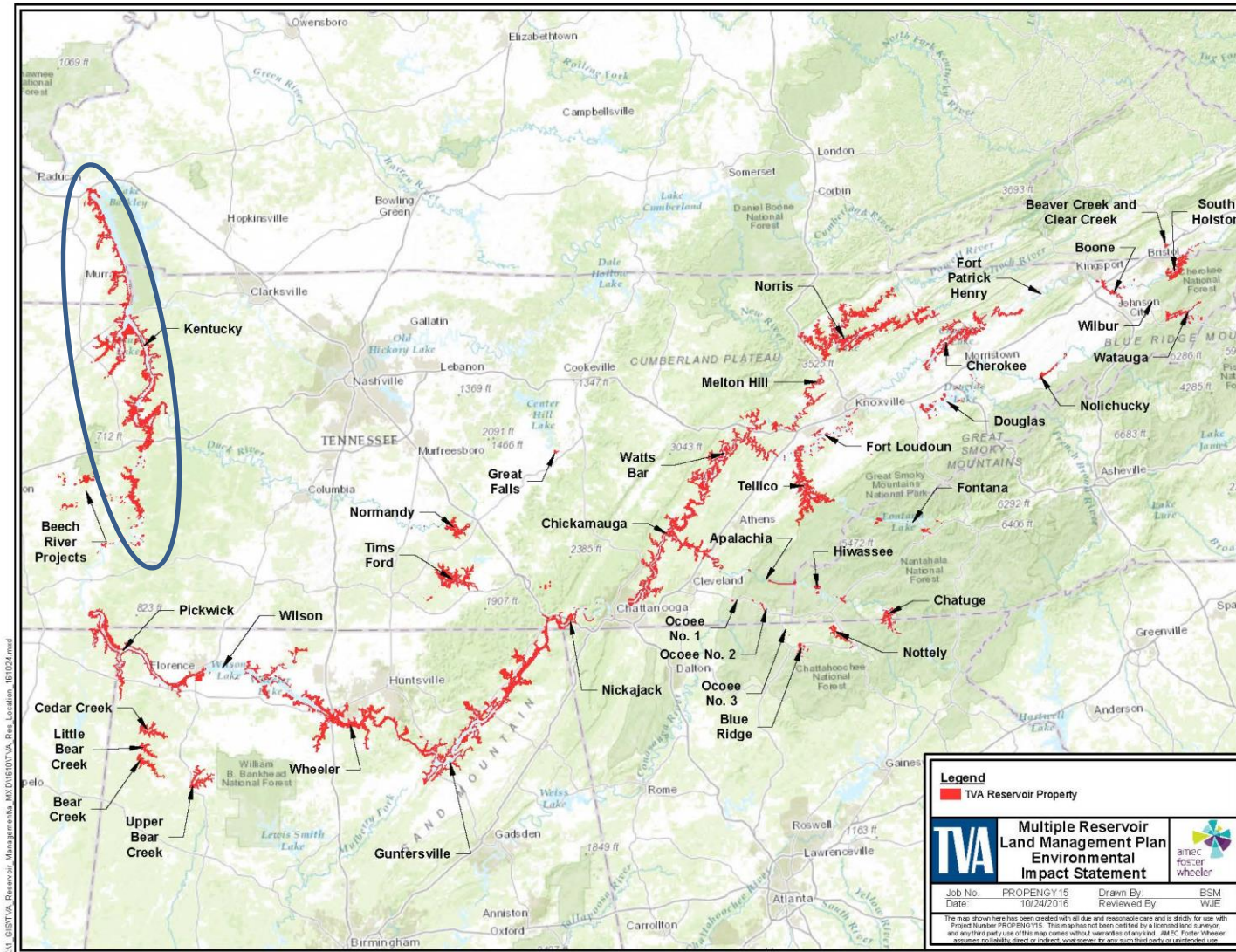


Figure 1-1. TVA Managed Reservoir Land

1.3 The Natural Resource Plan

In 2011, TVA completed a Natural Resource Plan (NRP) (TVA 2011) that strategically guides the management of both renewable and nonrenewable resources, underscoring the importance of protecting those resources that will be lost forever if they are not actively protected or improved today. TVA is one piece of the solution and recognizes the need for a coordinated and collaborative effort to meet the near- and long-term resource needs. As such, the NRP is designed to:

- Integrate the objectives of six resource areas (biological, cultural, recreation, water, public engagement and reservoir lands planning)
- Provide optimum public use benefit
- Balance competing and sometimes conflicting resource uses

The competing demands on the Valley's natural resources, coupled with today's environmental awareness and focus on preserving nonrenewable resources, underscore the necessity for a consistent approach to the management of TVA lands. The NRP represents TVA's high-level strategy for managing its natural resources in the near and long term. Detailed implementation plans, such as this RLMP, are being developed based on the NRP to drive specific implementation efforts. The NRP is available at <https://tva.com/Environment/Environmental-Stewardship/Environmental-Reviews/Natural-Resource-Plan>.

1.4 Purpose of Reservoir Land Planning

As a regional development agency and the nation's largest public power provider, TVA is committed to protecting and sustaining the environmental resources of the Valley for future generations through leadership in clean energy innovation and environmental management. In managing its public lands and resources, TVA seeks to provide efficient resource stewardship that is responsive to stakeholder interests.

TVA intends to manage its public land for an optimum level of multiple uses and benefits that protect and enhance natural, cultural, recreational, and visual resources in a cost-effective manner. Through this approach, TVA ensures that resource stewardship issues and stakeholder interests are considered while optimizing benefits and minimizing conflicts.

As part of the NRP, TVA developed a Comprehensive Valleywide Land Plan (CVLP). The CVLP guides resource management and administration decisions on the approximately 293,000 acres of TVA lands around 46 reservoirs. It identifies the most suitable uses for the land under TVA's control, identifying areas for project operations, sensitive resource management, natural resource conservation, industrial/commercial development, developed recreation, and shoreline access. The reservoir property is divided into parcels, and each parcel is assigned a single land use allocation zone as defined by the Natural Resource Plan (NRP). Land use zones are defined later in Table 3-1.

Zone 1 - Non-TVA Shoreland

Zone 2 - Project Operations

Zone 3 - Sensitive Resource Management

Zone 4 - Natural Resource Conservation

Zone 5 - Industrial

Zone 6 - Developed Recreation

Zone 7 - Shoreline Access

The objectives of the CVLP are designed to implement TVA's mission of serving the Valley through energy, environment, and economic development. Under the CVLP, TVA will develop and update RLMPs, such as this plan, for a portion of a reservoir, an entire reservoir, or a group of reservoirs. RLMPs are consistent with TVA's policies and programs discussed within this chapter.

The CVLP will be recalibrated as needed (as described under Alternative B in Volume I of this EIS). The CVLP was based, in part, on the anticipation that some parcels of land may be better allocated to different land use zones from those initially identified. For example, field assessments may identify additional areas that warrant the sensitive resource management allocation. In addition, during the creation or update of each individual RLMP, TVA may determine, either for its own management purposes or as a result of public input, that certain parcels of land should be used differently from how they have been used in the past. The preliminary results of the Kentucky Reservoir planning effort have been included in determining potential revisions to the CVLP allocation ranges. The final Kentucky RLMP and revisions to the CVLP will be included in the review of the NRP.

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CHAPTER 2. REGIONAL OVERVIEW

The headwaters of the Tennessee River are in eastern Tennessee, in southwestern Virginia, western North Carolina, and in northern Georgia. The Tennessee River is formed by the confluence of the Holston and French Broad rivers just above Knoxville, Tennessee. The river flows in a southwesterly direction through Tennessee, crosses northern Alabama, forms a small portion of the northeastern boundary of Mississippi, and then flows north through western Tennessee and western Kentucky to empty into the Ohio River at Paducah, Kentucky, a distance of about 650 miles. The Tennessee River drains an area of 40,910 square miles, about equal to the area of Ohio. The headwaters are in the Great Smoky Mountains and the Blue Ridge Mountains, which are the highest ranges east of the Rockies. The mountain region is in striking contrast to the relatively flat lands of northern Alabama and to the rolling land of western Kentucky.

The 100-year floodplain of the Tennessee River in Kentucky Reservoir is broad, ranging from 1 mile to 3 miles wide in some places, because the terrain in West Tennessee and Southwest Kentucky is relatively flat. At Kentucky Dam, the crest of the divide between the Tennessee River and Cumberland River watersheds, at about 500 feet mean sea level (msl), is only about 150 feet higher than the summer pool elevation of 359 feet msl on Kentucky Reservoir.

2.1 History of the Kentucky Dam

Preliminary construction on Kentucky Dam started on July 1, 1938 with funding approved on May 23, 1938 and made available by the Independent Offices Appropriations Act for 1939. These actions marked the start of the seventh main-river dam to be completed by TVA in its program for the unified development of the Tennessee River system. Construction of Kentucky Dam was accomplished in 6 years, from July 1938 to reservoir impoundment in September 1944.

As work was getting under way at Kentucky Dam, World War II upset existing plans and schedules. By the summer of 1940, critical conditions in Europe directed attention to the war potential of the United States and the threat of a serious power outage. Agencies charged with planning the defense of the Nation asked TVA to outline programs whereby an adequate power supply could be provided, and out of these recommendations came three supplementary power

programs, the first approved July 31, 1940, authorizing the construction of Cherokee Dam and Watts Bar Steam Plant and additional generating capacity at other projects.

This action also involved a reappraisal of the Kentucky project, and on August 23, 1940, the TVA Board authorized the installation of four generating units at Kentucky Dam to help meet the predicted load growth in 1945. Within less than a year, on June 5, 1941, the TVA Board determined to install five units at Kentucky Dam, the ultimate capacity. At the same time, the date for the completion of the dam was advanced from the summer of 1945 to the summer of 1944.

Work on Kentucky Dam was hampered by many war-born conditions. The preference rating for the project—under which it obtained materials and equipment—was never high; and on October 20, 1942, the War Production Board ordered the suspension of all work on two of the five proposed generating units and permitted the installation of embedded parts only for a third. On August 28, 1943, resumption of work on the third unit was authorized, and the fourth unit was later reinstated.

Labor shortages affected the project; and to add to the difficulties occasioned by the war, adverse weather conditions caused construction delays. In spite of these unfavorable factors, the dam was closed August 30, 1944, and the first generating unit was put in service September 14, 1944. By the end of 1945, four of Kentucky Dam's five units were in operation. The fifth unit, reinstated in June 1945, was completed and placed in operation January 16, 1948.

2.2 The Kentucky Reservoir and Present Shoreline

Kentucky Dam, the lowermost and the largest of the multiple purpose projects of the Tennessee River system, is the key to effective control of discharges from the Tennessee River, the largest tributary of the Ohio River. Located at river mile 22.4, Kentucky Dam is only 67.4 river miles above Cairo, Illinois, and its large reservoir with more than 4,000,000 acre-feet of flood storage capacity occupies a strategic position for the reduction of flood crests on the lower Ohio and Mississippi rivers. The navigation lock at the dam forms the lower gateway to the 184-mile-long Kentucky Reservoir; one of a chain of nine reservoirs, extending a year-round 9-foot deep navigation channel more than 600 miles to Knoxville, Tennessee. Kentucky Reservoir connects the Tennessee River system of reservoirs to the major inland waterways of the great central Mississippi Valley with outlets for navigation to the Great Lakes and the Gulf of Mexico.

The drainage area of the Tennessee River upstream of Kentucky Dam consists of 40,200 square miles and comprises about 98 percent of the total drainage area of the Tennessee Valley watershed. The reservoir property is situated in Calloway, Livingston, Lyon, and Trigg counties in Kentucky, and in Benton, Carroll, Decatur, Hardin, Henderson, Henry, Houston, Humphreys, Perry, Stewart, and Wayne counties in Tennessee (Figure 2-1).

The Kentucky Reservoir has a volume of more than 4,000,000 acre-feet and a total surface area of approximately 260,000 acres when filled to top of gates, elevation 375-feet msl. To create this reservoir, it was necessary to acquire land and land rights for some 310,300 acres, clear over 48,500 acres, displace 2,609 families, protect the town of Big Sandy from backwater, relocate 365 miles of highways and railroads, build 65 new bridges, reconstruct seven bridges, raise three bridges, adjust or construct 104 miles of utility lines, remove and reinter 3,390 graves, and construct eight dewatering units.

Land purchased in fee included the area around the dam necessary for construction purposes and numerous scattered areas, which had been designated for acquisition for departmental programs, for such uses as malaria-control boat bases, recreation parks, and highway and railroad construction. Along the greater portion of the reservoir shoreline, TVA acquired flowage easements to varying contours.

2.2.1 Land Use and Prime Farmland

TVA originally acquired approximately 220,600 acres of land in fee and approximately 89,500 acres of easements for Kentucky Reservoir. Approximately 128,815 acres are inundated at elevation 346 feet msl. TVA sold or transferred approximately 25,340 acres of land from the original acquisition. In 1963, TVA acquired an additional approximate 170,000 acres for the creation of Land Between the Lakes (LBL) and subsequently, transferred the land to the U.S. Forest Service in 1999. See Section 2.3.4 for additional information pertaining to LBL. The remaining approximate 66,445 acres along with approximately 8,268 acres of flood prone areas supporting dewatering units (totaling approximately 74,713 acres) are the scope of this RLMP. These lands have been managed by TVA in accordance with allocations made under the Multiple Use Tract Allocation methodology in the Kentucky RLMP completed in 1985 (TVA 1985).

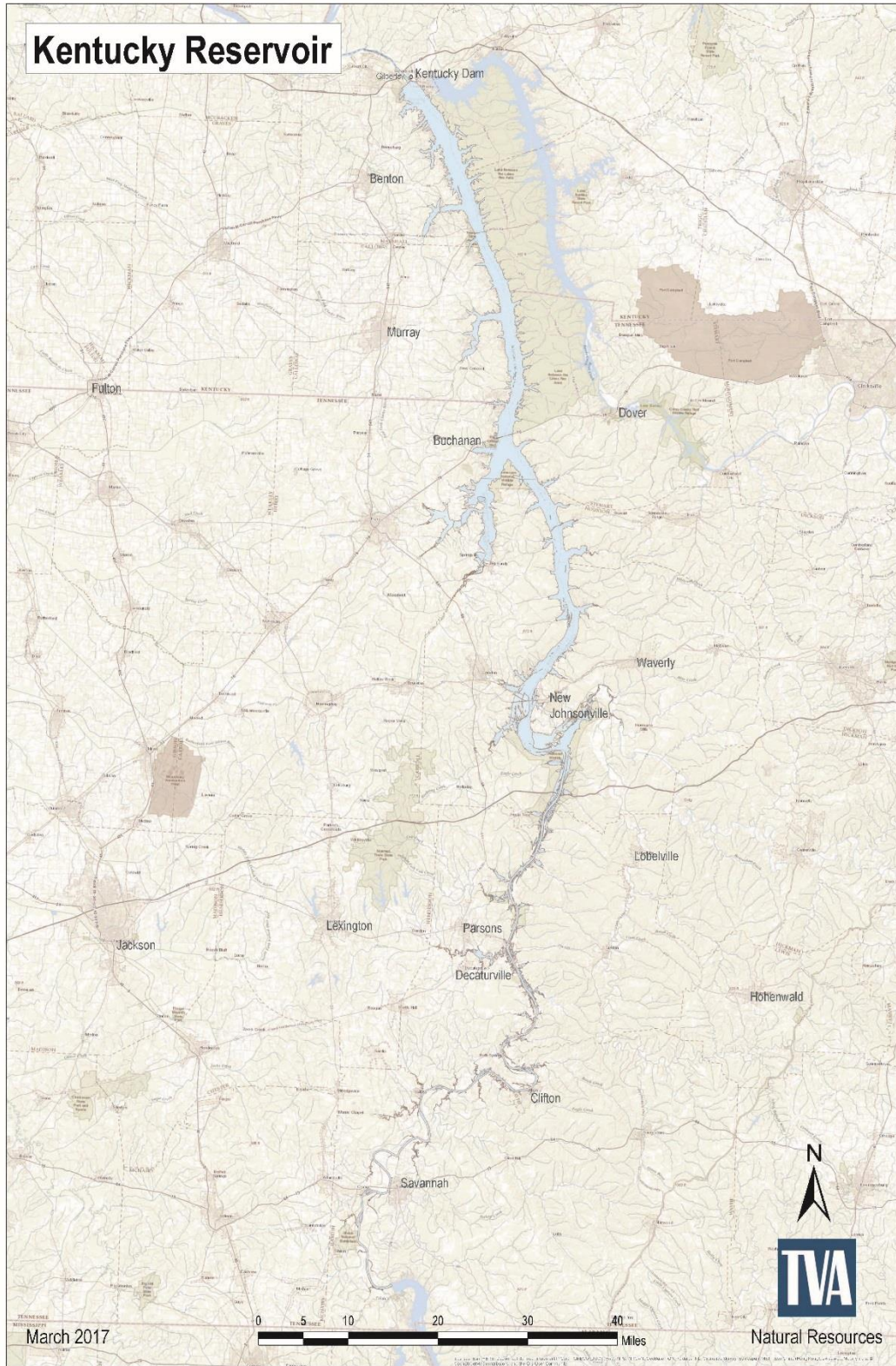


Figure 2-1. Kentucky Reservoir Map

The shoreline of Kentucky Reservoir is composed of a variety of land uses including the Land Between the Lakes and other recreational areas, forested areas, residential development, suburban areas, parks, farmed areas, and a relatively small amount of industrial and commercial and industrial uses primarily located in the vicinity of the dam. These uses are generally reflected in the land cover database for the parcels around the reservoir which identifies land cover on these parcels as primarily forested land. Other land cover types within the vicinity of the reservoir include agricultural land and developed open space which includes single family housing units on large lots, parks, golf courses, and vegetation planted in developed settings for recreation, erosion control, or aesthetic purposes.

According to TVA's 1998 SMI EIS, TVA owns approximately 1,354 miles of the 2,064 miles of shoreline (66 percent) on Kentucky Reservoir (see Volume I, Table 3-1). Approximately 34 percent of the shoreline is privately owned and is available for residential shoreline access development (see Volume I, Table 3-2). In the SMI EIS, TVA estimated that of that 34 percent, approximately 18 percent of this privately owned shoreline is currently developed with residential subdivisions. TVA has flowage easement rights along portions of this private shoreline.

Any structures placed within existing flowage easements or within the 500-year floodplain are subject to Section 26a of the TVA Act. Section 26a of the TVA Act requires that TVA's approval be obtained prior to the construction, operation, or maintenance of any dam, appurtenant works, or other obstruction affecting navigation, flood control, or public lands or reservations across, along or in the Tennessee River or any of its tributaries. For more information on TVA's SMP, see Section 3.4 of this RLMP.

TVA public land on the Kentucky Reservoir contains 12,824.5 acres of identified prime farmland and 643 acres of farmland of statewide importance (Table 2-1). Prime farmland has soil with the best combination of physical and chemical characteristics for producing food and fiber and is protected from conversion to industrial and nonagricultural uses by the United States Department of Agriculture (USDA).

Table 2-1. Prime Farmland and Farmland of Statewide Importance on Kentucky Reservoir

Zone	Prime Farmland (acres)	Farmland of Statewide Importance (acres)
Zone 2 – Project Operations	218.3	7.0
Zone 3 – Sensitive Resource Management	1,279.9	15.7
Zone 4 – Natural Resource Conservation	8,768.9	489.9
Zone 5 – Industrial	189.6	18.7
Zone 6 – Developed Recreation	1,001.0	65.0
Zone 7 – Shoreline Access	1,366.8	46.7
Total	12,824.5	643.0

Source: USDA NRCS 2016a

The majority (8,768.9 and 489.9 acres, respectively) of both prime farmland and farmland of statewide importance acreage occurs in areas allocated as Zone 4, wherein approved land uses would typically cause little or no soil disturbance. Major soil disturbance could occur when TVA or other public facilities are constructed in lands designated for Zone 2, which only includes 218.3 acres of prime farmland and 7 acres of farmland of statewide importance. However, most parcels designated for Zone 2 already contain facilities that are not likely to require substantial modification. Only 1,001 acres of prime farmland and 65 acres of farmland of statewide importance occur in areas allocated to Zone 6, where major soil disturbances could occur in specific locations, if recreation facilities are constructed. Conversely, large areas could remain unaffected for more dispersed recreation management. The least amount of prime farmland (189.6 acres) occurs in areas allocated to Zone 5 and the least amount of farmland of statewide importance (7.0 acres) occurs in areas allocated to Zone 2.

For more information on land use and prime farmland resources and the potential impacts of the final RLMP, see Volume I, Sections 3.2 and 3.3.

2.2.2 Recreation

TVA provides public lands for developed and dispersed recreational purposes through the reservoir lands planning process. Developed recreation include campgrounds, lodges, marinas, boat-launching ramps, parks, swimming pools, beaches and golf courses. Dispersed recreation activities include picnicking, primitive camping, hiking, bank fishing, hunting, kayaking and

canoeing. In 2005, TVA developed a recreation strategic plan aimed at collaboratively enhancing recreational opportunities and addressing unmet recreational needs while managing the resources of the Tennessee River system (TVA 2005). This strategy laid out guiding principles for how to best design and develop recreation opportunities. During this reservoir lands planning effort, tracts of TVA-managed lands around Kentucky Reservoir were categorized based upon a suitable use that is consistent with TVA policy and guidelines and applicable laws and regulations.

On Kentucky Reservoir, developed recreation provides modern facilities and amenities such as campgrounds, developed boat launches/ramps, parks and a myriad of day use facilities (picnic areas, swimming beaches, and fishing piers). These uses primarily occur on TVA lands allocated to Zone 6 (Developed Recreation) and Zone 2 (Project Operations). In the Kentucky RLMP, approximately 7 percent (5,006.7 acres) of TVA land on Kentucky Reservoir is allocated to Zone 6 and approximately 1 percent (1,294.8 acres) is allocated to Zone 2 (see Table 3-2 and Figure 3-1).

Kentucky Reservoir is an outdoor recreation resource that attracts visitors from within and outside the region. Approximately 110 parcels on the reservoir contain developed recreation sites including public parks and access areas, commercial recreation operations and group camps and semi-private clubs. Many of these recreation areas are located on properties that TVA transferred, leased or licensed for recreation development and use. Several public parks developed on lands made available by TVA include the Grand Rivers Park, Big Sandy City Park, Bear Creek Day Use Park, Buckhorn Bay Day Use Area, City of Johnsonville Park, Mousetail Landing State Park, Johnsonville State Park, Kenlake State Resort Park, Kentucky Dam Village State Park, Nathan Bedford Forrest State Park, Paris Landing State Park, Wayne Jerrolds River Park and Wesley Village Park. Commercial marinas include Eagle Bay Marina, Fat Daddy's Resort and Marina, Harbor Marina, Pebble Isle Marina and Southernaire Marina. Group camps have been developed by the West Tennessee Area Council of the Boy Scouts of America, Four Rivers Boy Scout Council and the Reelfoot Girl Scout Council.

Table 2-2 itemizes developed recreation area lands that are managed by TVA or another public agency for recreation purposes. Table 2-3 summarizes commercial, private, and semi-private developed recreation areas. Tables 2-2 and 2-3 do not itemize recreation areas on Non-TVA Shorelands (Zone 1) because these areas are beyond the scope of this final RLMP. Kentucky Reservoir parcel descriptions (see Chapter 4) further describe the management entity and

management descriptions of recreation facilities on lands managed by either TVA or by others under agreement.

Table 2-2. Developed Public Recreation Areas on TVA Lands on the Kentucky Reservoir (Managed By TVA or Another Public Agency)

Recreation Area	Managing Entity	Parcel Location
Kentucky Dam Reservation	TVA	2
Grand Rivers Park	City of Grand Rivers, KY	5
Boat Ramp	Tennessee Wildlife Resources Agency (TWRA)	23
Boat Ramp, Campground, Fishing Pier	Houston County, TN	39
Boat Ramp	TWRA	53
Boat Ramp	TWRA	82
Johnsonville State Park	State of Tennessee	90
Boat Ramp	State of Tennessee	93
Park	City of Johnsonville, TN	95
Boat Ramp	TWRA	101a
Boat Ramp	TWRA	103
Boat Ramp	TWRA	117
Mousetail Landing State Park	State of Tennessee	121
Boat Ramp	State of Tennessee	126
Boat Ramp	State of Tennessee	143
Athletic Field	City of Clifton, TN	156
Park	City of Clifton, TN	158
Park	City of Clifton, TN	159
Wayne Jerrolds River Park	City of Savannah	167
Boat Ramp	State of Tennessee	180
Boat Ramp	State of Tennessee	193
Park	Decatur County, TN	208
Athletic Fields	City of Parsons, TN	222
Boat Ramp	State of Tennessee	225
Boat Ramp	TWRA	235
Boat Ramp	TWRA	249
Boat Ramp/Fishing Pier	TWRA	268
Boat Ramp	TWRA	279
Boat Ramp	TWRA	285
Boat Ramp	TWRA	290
Nathan Bedford Forrest State Park	State of Tennessee	290

Recreation Area	Managing Entity	Parcel Location
Nathan Bedford Forrest State Park	State of Tennessee	296
Boat Ramp	TWRA	302
Boat Ramp	TWRA	305
Boat Ramp	TWRA	319
Boat Ramp	TWRA	326
Boat Ramp	TWRA	331
Boat Ramp	TWRA	338
Big Sandy City Park	Town of Big Sandy, TN	347
Boat Ramp	TVA	352
Boat Ramp	TWRA	373
Boat Ramp	TWRA	396
Paris Landing State Park	State of Tennessee	400
Boat Ramp	TWRA	403
Boat Ramp	TWRA	410
Boat Ramp	Kentucky Department of Fish and Wildlife Resources (KDFWR)	429
Boat Ramp	KDFWR	437
Boat Ramp	KDFWR	481
Kenlake State Resort Park	Commonwealth of Kentucky	482
Boat Ramp	Commonwealth of Kentucky	491
Boat Ramp	KDFWR	504
Wesley Village Park	Marshall County, KY	518
Boat Ramp	KDFWR	521
Boat Ramp	Marshall County, KY	537
Camp John Currie	Commonwealth of Kentucky	540
Bear Creek Day Use Park	Marshall County, KY	549
Buckhorn Bay Day Use Area	Marshall County, KY	556
Little Bear Creek Ramp	Marshall County, KY	563
Boat Ramp	KDFWR	566
Kentucky Dam Village State Park	Commonwealth of Kentucky	568
Kentucky Dam Village State Park	Commonwealth of Kentucky	569

Table 2-3. Developed Commercial, Private and Semi-Private (Camps) Recreation Areas on TVA Lands on the Kentucky Reservoir

Recreation Area	Managing Entity	Parcel Location
Patti's Restaurant	Commercial	5
Fat Daddy's Resort and Marina	Commercial	13
PJ's Resort	Commercial	15
Leatherwood Resort	Commercial	18
Southernaire Marina	Commercial	43
Cane Creek Dock	Commercial	47
Eagle Bay Marina	Commercial	72
Mason's Dock	Commercial	74
Pebble Isle Marina	Commercial	90
Anchor Harbor Marina	Commercial	93
Cuba Landing Marina	Commercial	101a
Cypress Creek Marina	Commercial	134
Cedar Creek Marina	Commercial	142
Perryville Marina	Commercial	230
Birdsong Resort, Marina and Campground	Commercial	249
Wildlife Cove Marina	Commercial	249
Camp	West Tennessee Area Council of the Boy Scouts of America	259
Camden Bay Resort	Commercial	262
Harmon Creek Resort	Commercial	302
Bass Bay Village and Marina	Commercial	317
Country Junction Resort	Commercial	362
Britton Ford Campground	Commercial	367
Pleasant View Resort	Commercial	373
Camp	Reelfoot Girl Scout Council	384
Boat Slips	Buchanan Condominiums	386
Marina and Boat Ramp	Buchanan Resort	386
Marina and Boat Ramp	Pine Point Resort	386
Big Eagle Recreation Area	Commercial	386
Eagle Nest Marina	Commercial	395
Little Eagle Creek RV Park	Commercial	397
The Breakers of Swan Bay	Commercial	405
Cypress Creek Resort	Commercial	413
Cypress Springs Resort	Commercial	420
Lakeview RV Resort	Commercial	422
Missing Hill Resort	Commercial	424
Waters Edge Marina	Commercial	453

Recreation Area	Managing Entity	Parcel Location
Campground	Commercial	455
Sugar Creek Bay Marina	Commercial	460
Irvin Cobb Resort	Commercial	460
Kentucky Beach Resort	Commercial	464
American Paradise Resort	Commercial	468
Town and Country Resort	Commercial	487
Sportsman Anchor Resort and Marina	Commercial	491
Jonathan Creek Camp and Conference Center	Commercial	494
Pirate's Cove	Commercial	498
Cedar Knob Resort	Commercial	512
Lakeside Landing Campground and Marina	Commercial	521
Camp Manchester Boy Scout Camp	Four Rivers Boy Scout Council	523
Hickory Hill 5 Star Resort	Commercial	527
Shawnee Bay Resort	Commercial	528
Hester's Resort and Marina	Commercial	531
Southern Komfort Resort	Commercial	533
Bee Spring Lodge	Commercial	534
Barge Island Recreational Area	Commercial	537
King Creek Resort	Commercial	545
Big Bear Resort	Commercial	550
Malcom Creek Resort	Commercial	551
Moor's Resort	Commercial	558

Some of the TVA lands around Kentucky Reservoir provide excellent opportunities for dispersed or nature-based recreation activities. Dispersed recreation could occur on lands allocated to Zone 2 (Project Operations) and undeveloped areas allocated to Zone 6 (Developed Recreation) as well as lands allocated to Zone 3 (Sensitive Resource Management) (approximately 7 percent or 5,281.1 acres) and Zone 4 (Natural Resource Conservation) (74 percent or 55,314.2 acres). For example, on lands allocated to Zone 4 (Natural Resource Conservation), dispersed recreation activities could include hunting, wildlife observation, fishing and camping on undeveloped sites.

For more information on recreation resources and the potential impacts of the final RLMP, see Volume I, Section 3.4.

2.2.3 Terrestrial Ecology

Kentucky Reservoir lies primarily within the Interior Plateau and Southeastern Plains ecoregions. A small portion of the northwestern reaches of the reservoir extend into the Mississippi Valley Loess Plains ecoregion (U.S. Environmental Protection Agency [USEPA] 2013). The Interior Plateau ecoregion is a series of grassland plateaus and forested uplands that are generally lower in elevation than the Appalachian Mountains to the east but higher than the plains to the south. This region contains relatively flat and fertile lowlands, including the Bluegrass area of central Kentucky and the Nashville Basin in central Tennessee. The Pennyroyal Plateau in south-central Kentucky and northern Tennessee is a dense agricultural area that also contains a distinctive “flatwood” ecosystem. The area is characterized by oak forests and wet conditions that are caused by an underlying hard, dense fragipan soil. Rapid subsurface drainage occurs in sinkhole areas such as south-central Kentucky where extensive cave systems wind through the karst limestone landscape (U.S. Geologic Survey [USGS] 2016).

The Southeastern Plains ecoregion is the largest ecoregion in the eastern U.S. The irregular, relatively flat plains of the ecoregion are covered by a mosaic of cropland, pasture, forest, and wetland. The ecoregion is characterized by long growing seasons and abundant rainfall, but the relatively poor sandy soils found in much of the ecoregion limit agricultural competitiveness with many other regions. Natural forests of pine, hickory, and oak once covered most of the ecoregion, but much of the natural forest cover has been replaced by heavily managed timberlands (USGS 2016).

The Mississippi Valley Loess Plains extends from western Kentucky south to Louisiana. The topography consists primarily of irregular plains. This region contains a highly erodible, thick layer of loess, a unique geologic deposit consisting almost entirely of wind-transported, silt-sized grains of quartz and other common minerals (USGS 2016).

The variety of landforms, soils, climate, and geology across the ecoregions encompassing Kentucky Reservoir have allowed for an extremely diverse assemblage of animals, including migratory birds of conservation concern. Deciduous forests and mixed evergreen-deciduous forests provide wildlife habitat among the agriculture and more urbanized areas. Table 2-4 contains a summary of the land cover within and in the vicinity of Kentucky Reservoir.

Table 2-4. Land Cover on TVA Owned Parcels and within the Vicinity of Kentucky Reservoir

Land Cover Type	TVA Property		Vicinity (5-Mile Radius)	
	Acres ¹	Percent Cover (%)	Acres ¹	Percent Cover (%)
Barren Land	279.6	0.4	3,409.0	0.2
Developed				
Developed, High Intensity	77.7	0.1	2,028.7	0.1
Developed, Medium Intensity	204.8	0.3	5,013.0	0.3
Developed, Low Intensity	394.7	0.5	10,073.2	0.6
Developed, Open Space	1,009.7	1.4	57,934.2	3.2
Forest				
Deciduous Forest	33,842.3	45.3	952,653.1	52.9
Evergreen Forest	5,185.2	6.9	73,795.1	4.1
Mixed Forest	21.9	0.0	15,043.9	0.8
Shrubland				
Shrub-Scrub	81.3	0.1	50,171.5	2.8
Herbaceous				
Grassland/Herbaceous	208.4	0.3	48,035.1	2.7
Hay/Pasture	456.8	0.6	152,839.1	8.5
Planted/Cultivated				
Cultivated Crops	4,712.7	6.3	165,456.3	9.2
Wetlands/Open Water				
Woody Wetlands	21,508.2	28.8	89,585.0	5.0
Emergent Herbaceous Wetlands	2,282.4	3.1	10,048.2	0.6
Open Water	4,447.9	6.0	163,980.9	9.1
Total	74,713.6	100	1,800,066.4	100

¹ Source: Homer et al. 2015

Oak-hickory deciduous forest is the most abundant forest type in the eastern U.S. and is prevalent in the Kentucky Reservoir region. Some mixed deciduous-evergreen and evergreen forests are also present in this region. Numerous bird species nest in deciduous forests. Typical species include wild turkey, whip-poor-will, ruby-throated hummingbird, red-eyed vireo, black-throated green warbler, black-and-white warbler, ovenbird, hooded warbler, and the scarlet tanager. Several additional migratory bird species of concern utilize these habitats in part or all of the region, including cerulean warbler, chuck-will's widow, Kentucky warbler, red-headed

woodpecker, wood thrush, and worm-eating warbler (U.S. Fish and Wildlife Service [USFWS] 2016a). Common mammal species of deciduous forests include white-tailed deer, red bat, eastern chipmunk, eastern gray and southern flying squirrels, white-footed mouse, cotton mouse, gray fox, and bobcat.

Deciduous forests and mixed evergreen-deciduous forests account for 45 percent of the land cover within the Kentucky Reservoir parcels (Table 2-4). Evergreen forests make up an additional seven percent of the land cover. Seeps, streams, and temporary ponds in deciduous forests provide habitat for numerous amphibians including American and Fowler's toads, green frog, northern cricket frog, and other frogs, and a range of salamanders including spotted and mole salamanders. Reptiles commonly found in deciduous forests especially near water include eastern fence lizard, ground skink, five-lined skink, eastern box turtle, eastern wormsnake, and ring-necked snake. The riparian zones along streams within deciduous forests provide nesting habitat for Acadian flycatchers, northern parula, and some migratory species of concern in this area, the bald eagle, Bell's vireo, Bewick's wren, least bittern, Mississippi kite, prothonotary warbler, and willow flycatcher (USFWS 2016a).

Evergreen and mixed evergreen-deciduous forests provide nesting for woodland birds including pine and yellow-throated warblers, and great crested flycatcher. Several additional migratory bird species of concern utilize these habitats including chuck-will's widow, Kentucky warbler, fox sparrow, prairie warbler, and red crossbill (USFWS 2016a). Portions of this forest type have been damaged by southern pine beetles in recent years. Several stands of dead pines exist on TVA lands, and TVA has performed salvage harvests in some stands. Dead pines provide foraging sites for woodpeckers and may provide roosting sites for bats, including some federally and/or state-listed species. Other animals that inhabit evergreen and evergreen-deciduous forests but are not restricted to them include white-tailed deer, wild turkey, eastern mole, eastern kingsnake, smooth earthsnake, eastern fence lizard, and a variety of salamanders, frogs, and toads, especially near wet areas.

Non-forested herbaceous community types in the Kentucky Reservoir region are dominated by pasturelands and hayfields. Herbaceous habitats, including grasslands, barrens, hayfields, and pastures account for approximately one percent of the landcover on the reservoir parcels (Table 2-4). Early successional habitats provide habitat for a variety of bird species including eastern bluebird, eastern meadowlark, American crow, and red-tailed hawk. Several additional migratory bird species of concern utilize these habitats in this area including American kestrel,

Bewick's wren, dickcissel, Henslow's sparrow, Le Conte's sparrow, sedge wren, short-eared owl, and willow flycatcher (USFWS 2016a). Amphibians and reptiles that use these habitats include spring peeper, chorus frog, and common garter snake.

Bird and mammal diversity greatly increases at edge habitats especially those between forested areas bordered by early successional habitats. Birds commonly found at these edge habitats include wild turkey, great crested flycatcher, white-eyed vireo, Carolina wren, blue-gray gnatcatcher, brown thrasher, common yellowthroat, yellow-breasted chat, indigo bunting, eastern towhee, field and song sparrow, and orchard oriole. Several additional migratory bird species of concern utilize these habitats in this area including Bachman's sparrow, Bell's vireo, Bewick's wren, blue-winged warbler, dickcissel, loggerhead shrike, Mississippi kite, red-headed woodpecker, and willow flycatcher (USFWS 2016a). Mammals typically inhabiting edges include eastern cottontail, eastern harvest mouse, red fox, coyote, long-tailed weasel, and striped skunk.

The reservoir parcels provide wetlands, including wooded swamps and open water habitats, and associated riparian zones that are used by a variety of wildlife. Common species include great blue heron, green heron, belted kingfisher, common yellowthroat, and northern parula. Many additional migratory bird species of concern utilize these habitats in this area including American bittern, bald eagle, least bittern, Mississippi kite, prothonotary warbler, rusty blackbird, sedge wren, short-eared owl, and willow flycatcher (USFWS 2016a). A total of 18 colonial nesting bird colonies/heronries have been observed within 3 miles of Kentucky Reservoir, seven of these are on TVA parcels (TVA 2016a). Shallow embayments, especially those with emergent vegetation, provide foraging habitat for waterfowl. Common waterfowl include wood ducks, Canada geese, and mallards. Other waterfowl present periodically include American black duck, gadwall, green-winged teal, ring-necked duck, lesser scaup, common goldeneye, bufflehead, hooded merganser, and common merganser.

Shorebird use of the Kentucky Reservoir is limited to shallow embayments and exposed mud flats. Species such as spotted sandpiper that forage along the margins of reservoirs and killdeer that are not restricted to foraging on mud flats are commonly observed. Common amphibians found in the riparian zones include green frog, eastern narrowmouth toad, and Fowler's toad. Reptiles include northern watersnake, common snapping turtle, and painted turtles. Common mammals include mink, muskrat, raccoon, and American beaver.

A search of the TVA Natural Heritage database in May 2016 indicated that 36 caves are located within 3 miles of Kentucky Reservoir. One cave is located on a TVA parcel (TVA 2016a).

2.2.3.1 Invasive Nonnative Species

Many of the planned TVA parcels around Kentucky Reservoir contain a substantial amount of invasive nonnative species. Executive Order (EO) 13751 defines an invasive nonnative species as any species, including its seeds, eggs, spores, or other biological material capable of propagating that species, that is not native to that ecosystem; and whose introduction does or is likely to cause economic or environmental harm or harm to human health.

Based on a data search conducted on the USDA Natural Resources Conservation Service (NRCS) PLANTS Database (USDA NRCS 2016b), hydrilla (*Hydrilla verticillata*) is the only plant contained on the Federal Noxious Weed List of 2010 reported from the counties encompassing Kentucky Reservoir.

In addition, the Southeastern Exotic Plant Pest Council provides a list of nonnative invasive species that could pose potential threats to native ecosystems and human health for each southeastern state. In reviewing the Tennessee exotic plant pest list (Tennessee Exotic Plant Pest Council 2009), there were 26 species occurring in Tennessee that pose a severe threat to native ecosystems observed in the Kentucky Reservoir region (Table 2-5). The Kentucky exotic plant pest list contains many of the same species as the Tennessee list with the addition of 14 species that pose a severe threat (Kentucky Exotic Plant Pest Council 2013).

Table 2-5. Invasive Non-native Plant Species that Pose a Severe Threat Known to Occur in Tennessee and Kentucky

State Present ¹	Common Name	Scientific Name
TN, KY	Asian bittersweet	<i>Celastrus orbiculatus</i>
TN, KY	Autumn olive	<i>Elaeagnus umbellata var. parviflora</i>
KY	Bush honeysuckle (amur)	<i>Lonicera maackii</i>
KY	Callery pear (Bradford)	<i>Pyrus calleryana</i>
TN	Cheat grass	<i>Bromus tectorum</i>
KY	Chickweed	<i>Stellaria media</i>
TN, KY	Chinese privet	<i>Ligustrum sinense</i>
KY	Chinese silver grass	<i>Miscanthus sinensis</i>
TN, KY	Chinese yam	<i>Dioscorea oppositifolia</i>
TN	Common privet	<i>Ligustrum vulgare</i>
KY	Common reed	<i>Phragmites australis</i>

State Present ¹	Common Name	Scientific Name
TN	Common St. John's-wort	<i>Hypericum perforatum</i>
KY	Crown vetch	<i>Coronilla varia</i>
KY	Garlic mustard	<i>Alliaria petiolata</i>
TN	Hydrilla	<i>Hydrilla verticillata</i>
TN, KY	Japanese honeysuckle	<i>Lonicera japonica</i>
TN, KY	Japanese knotweed	<i>Polygonum cuspidatum</i>
TN, KY	Japanese stiltgrass	<i>Microstegium vimineum</i>
TN, KY	Johnson grass	<i>Sorghum halepense</i>
KY	Kentucky fescue	<i>Festuca arundinacea</i>
TN	Korean clover	<i>Kummerowia stipulacea</i>
TN, KY	Kudzu	<i>Pueraria montana var. lobata</i>
TN	Mimosa	<i>Albizia julibrissin</i>
TN, KY	Multiflora rose	<i>Rosa multiflora</i>
KY	Musk thistle	<i>Carduus nutans</i>
KY	Poison hemlock	<i>Conium maculatum</i>
TN, KY	Princess tree	<i>Paulownia tomentosa</i>
TN, KY	Purple loosestrife	<i>Lythrum salicaria</i>
TN, KY	Sericia lespedeza	<i>Lespedeza cuneata</i>
TN	Shrubby bushclover	<i>Lespedeza bicolor</i>
TN, KY	Tree of heaven	<i>Ailanthus altissima</i>
KY	Winged euonymus (burning bush)	<i>Euonymus alatus</i>
KY	Winter creeper	<i>Euonymus fortunei</i>
KY	White sweet clover	<i>Melilotus alba</i>
KY	Yellow sweet clover	<i>Melilotus officinalis</i>

¹ KY=Kentucky, TN=Tennessee; State is listed if this species was contained on the Severe Threat list in Tennessee or Kentucky. The Severe Threat lists contain plants with the highest potential for adverse impacts to native communities.

Sources: Tennessee Exotic Plant Pest Council 2009; Kentucky Exotic Pest Plant Council 2013

All of these species have the potential to adversely impact the native plant communities because of their potential to spread rapidly and displace native vegetation. TVA considers all of the species a severe threat to local plant communities.

In addition to invasive or non-native plant species discussed above, there are several exotic, non-native, and/or pest insect species and plant diseases that are known to occur within the counties encompassing Kentucky Reservoir. These insects and diseases can have devastating impacts on native plant communities and human crops/fruits. The insects include: Japanese beetle, (*Popillia japonica*), kudzu bug (*Megacopta cribraria*), southern pine beetle

(*Dendroctonus frontalis*), and sugarcane aphid (*Melanaphis sacchari*) (EDDMapS 2016). These species all have the potential to pose problems to native vegetation, wildlife, crops, landscaping and gardens, and/or overall ecosystems due to the lack of natural predators or diseases to help control their populations giving them the ability to out-compete native species.

The following plant diseases are also known to occur in the counties containing the Kentucky Reservoir: butternut canker (*Sirococcus clavignenti-juglandacearum*), fusiform rust (*Cronartium quercuum* f.sp. *fusiforme*), Heterobasidion root rots (*Heterobasidion* spp.), and oak wilt (*Ceratocystis fagacearum*). Many of these diseases target certain plant species or groups of species, and can have serious impacts to local populations of those plants and trees.

For more information on terrestrial ecology and potential impacts of the final RLMP, see Volume I, Section 3.5.

2.2.4 Aquatic Ecology

Streams of the Highland Rim and Nashville Basin ecoregions are characterized by coarse chert gravel and sand substrates interspersed with bedrock areas, moderate gradients, clear waters, and moderate to low productivity, and thus little aquatic vegetation except near spring sources (Etnier and Starnes 1993). The Highland Rim, because of its geologic complexity and numerous semi-independent drainage systems, harbors the most diverse fish fauna of any region of comparable size in North America. As discussed in Section 2.2.8, TVA has improved water quality below many of its hydroelectric facilities including implementation of measures designed to mimic more natural riverine conditions.

Aquatic ecological conditions in streams and reservoirs are monitored under a number of TVA programs. Aquatic ecological conditions in the larger reservoirs have been monitored using the Reservoir Vital Signs Monitoring Program (RVSM), which focuses on (1) physical and chemical characteristics of waters; (2) physical and chemical characteristics of sediments; (3) sampling the benthic macroinvertebrate community; and (4) fish assemblage sampling. The RVSM data include annual fish sampling on tributary reservoirs on a two-year rotation sampling cycle. Ratings are based primarily on fish community structure and function, using an analysis tool known as the Reservoir Fish Assemblage Index (RFAI) (McDonough and Hickman 1999).

Both RFAI and benthic community samples were taken in the forebay area (near the dam) and transition zone of Kentucky Reservoir where the reservoir transitions from a river-like environment to a lake-like environment (Table 2-6).

Table 2-6. RFAI and Benthic Community Scores for Kentucky Reservoir (2011-2015)

Year	RFAI Scores		Benthic Community Scores	
	Forebay	Transition	Forebay	Transition
2011	Good	Good	Good	Good
2013	Good	Good	Good	Good
2015	Fair	Good	Good	Good

Source: TVA 2016b

The RFAI scores for the Kentucky Reservoir were good for all of the samples since 2011 with the exception of the forebay in 2015, which rated fair. The fish species collected during the RVSMP sampling efforts represent typical species found in large river and lentic habitats (Table 2-7). The benthic community scores have consistently rated good at both locations since 2011.

Table 2-7. Fish Species in Kentucky Reservoir

Common Name	Scientific Name
American eel	<i>Anguilla rostrata</i>
Atlantic needlefish	<i>Strongylura marina</i>
Bighead carp	<i>Hypophthalmichthys nobilis</i>
Bigmouth buffalo	<i>Ictiobus cyprinellus</i>
Black buffalo	<i>Ictiobus niger</i>
Black crappie	<i>Pomoxis nigromaculatus</i>
Black redhorse	<i>Moxostoma duquesnei</i>
Blackstripe topminnow	<i>Fundulus notatus</i>
Blue catfish	<i>Ictalurus furcatus</i>
Bluegill	<i>Lepomis macrochirus</i>
Bowfin	<i>Amia calva</i>
Brook silverside	<i>Labidesthes sicculus</i>
Bullhead minnow	<i>Pimephales vigilax</i>
Chain pickerel	<i>Esox niger</i>
Channel catfish	<i>Ictalurus punctatus</i>
Chestnut lamprey	<i>Ichthyomyzon castaneus</i>
Common carp	<i>Cyprinus carpio</i>
Emerald shiner	<i>Notropis atherinoides</i>
Flathead catfish	<i>Pylodictis olivaris</i>
Freshwater drum	<i>Aplodinotus grunniens</i>
Gizzard shad	<i>Dorosoma cepedianum</i>

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Common Name	Scientific Name
Golden redhorse	<i>Moxostoma erythrurum</i>
Golden shiner	<i>Notemigonus crysoleucas</i>
Goldfish	<i>Carassius auratus</i>
Grass carp	<i>Ctenopharyngodon idella</i>
Green sunfish	<i>Lepomis cyanellus</i>
Hybrid striped x white bass	<i>Hybrid morone (chrysops x sax)</i>
Largemouth bass	<i>Micropterus salmoides</i>
Largescale stoneroller	<i>Campostoma oligolepis</i>
Logperch	<i>Percina caprodes</i>
Longear sunfish	<i>Lepomis megalotis</i>
Longnose gar	<i>Lepisosteus osseus</i>
Mimic shiner	<i>Notropis volucellus</i>
Mississippi silverside	<i>Menidia audens</i>
Northern hog sucker	<i>Hypentelium nigricans</i>
Pugnose minnow	<i>Opsopoeodus emiliae</i>
Quillback	<i>Carpodes cyprinus</i>
Rainbow darter	<i>Etheostoma caeruleum</i>
Redbreast sunfish	<i>Lepomis auritus</i>
Redear sunfish	<i>Lepomis microlophus</i>
River carpsucker	<i>Carpodes carpio</i>
River darter	<i>Percina shumardi</i>
River redhorse	<i>Moxostoma carinatum</i>
Rock bass	<i>Ambloplites rupestris</i>
Saddleback darter	<i>Percina vigil</i>
Sauger	<i>Stizostedion canadense</i>
Silver carp	<i>Hypophthalmichthys molitrix</i>
Silver chub	<i>Macrhybopsis storeriana</i>
Silver redhorse	<i>Moxostoma anisurum</i>
Skipjack herring	<i>Alosa chrysochloris</i>
Slabrock darter	<i>Etheostoma smithi</i>
Smallmouth bass	<i>Micropterus dolomieu</i>
Smallmouth buffalo	<i>Ictiobus bubalus</i>
Smallmouth redhorse	<i>Moxostoma breviceps</i>
Spotfin shiner	<i>Cyprinella spiloptera</i>
Spotted bass	<i>Micropterus punctulatus</i>
Spotted gar	<i>Lepisosteus oculatus</i>
Spotted sucker	<i>Minytrema melanops</i>
Streamline chub	<i>Erimystax dissimilis</i>
Striped bass	<i>Morone saxatilis</i>
Stripetail darter	<i>Etheostoma kennicotti</i>
Threadfin shad	<i>Dorosoma petenense</i>
Warmouth	<i>Lepomis gulosus</i>
White bass	<i>Morone chrysops</i>
White crappie	<i>Pomoxis annularis</i>

Common Name	Scientific Name
Yellow bass	<i>Morone mississippiensis</i>
Yellow bullhead	<i>Ameiurus natalis</i>
Yellow perch	<i>Perca flavescens</i>

Source: TVA 2016c

2.2.4.1 Invasive Nonnative Aquatic Species

Although there are many exotic or introduced aquatic species within the region, there are a few species that are considered more detrimental due to their ability to have broad impacts to overall aquatic systems as well as direct impacts to humans. These include Asian carp, especially bighead carp (*Hypophthalmichthys nobilis*) and silver carp (*Hypophthalmichthys molitrix*) (EDDMapS 2016), and zebra mussels (*Dreissena polymorpha*).

Asian carp cause serious damage to the native fish populations in the lakes and rivers that they infest because they out-compete other fish for food and space. Carp are also thought to lower water quality, which can kill off sensitive organisms like native freshwater mussels. Asian carp have been known to dominate entire streams, effectively pushing out the native species. Asian carp are also known to pose danger to humans due to their habit of jumping out of the water and striking boaters and water skiers and damaging boats and equipment.

Zebra mussels are notorious for their biofouling capabilities by colonizing water supply pipes of hydroelectric and nuclear power plants, public water supply plants, and industrial facilities. They colonize pipes constricting flow, therefore reducing the intake in heat exchangers, condensers, firefighting equipment, and air conditioning and cooling systems. Navigational and recreational boating can be affected by increased drag due to attached mussels. Small mussels can get into engine cooling systems causing overheating and damage. Navigational buoys have been sunk under the weight of attached zebra mussels. Zebra mussels can have profound effects on the ecosystems they invade. They primarily consume phytoplankton, but other suspended material is filtered from the water column including bacteria, protozoans, zebra mussel veligers, other microzooplankton and silt (Benson et al. 2016).

For more information on aquatic ecology and potential impacts of the final RLMP, see Volume I, Section 3.6.

2.2.5 Threatened and Endangered Species

TVA biologists and natural resource specialists used the TVA Natural Heritage database to assess the endangered and threatened species within and around Kentucky Reservoir. The TVA Natural Heritage database was created to ensure that environmental compliance activities are conducted in a consistent manner across the TVA Region and that these activities meet the requirements of National Environmental Policy Act (NEPA) and the Endangered Species Act. The federally listed and state-listed species identified from the TVA Natural Heritage database searches that are known to occur in the counties surrounding Kentucky Reservoir are presented in Table 2-8. For the purpose of this document, state-listed species includes those that are being tracked, in need of management, candidates, proposed for listing and of special concern. As noted below, there are 21 listed plant species that known to occur on TVA parcels on Kentucky Reservoir. There are 13 terrestrial wildlife species known to occur on TVA parcels, however, suitable habitat is present for many of the other listed species. Three listed aquatic species are known to occur within TVA parcels, and an additional 40 species are known to occur in the reservoir adjacent to the parcels.

Table 2-8. Federally and State-Listed Species in the Kentucky Reservoir Counties

Common Name	Scientific Name	Status*	
		Federal	State (Rank)
Amphibians			
Barking treefrog	<i>Hyla gratiosa</i>	--	SPCO (S3) –KY
Bird-voiced treefrog	<i>Hyla avivoca</i>	--	SPCO (S3) –KY
Four-toed salamander	<i>Hemidactylium scutatum</i>	--	D (S3) –TN
Green treefrog	<i>Hyla cinerea</i>	--	SPCO (S3) –KY
Hellbender	<i>Cryptobranchus alleganiensis</i>	PS	D (S3) –TN
Northern crawfish frog	<i>Rana areolata circulosa</i>	--	SPCO (S3) –KY
Three-lined salamander	<i>Eurycea guttolineata</i>	--	T (S2) –KY
Birds			
American bittern	<i>Botaurus lentiginosus</i>	--	HIST (SHB) –KY
Anhinga	<i>Anhinga</i>	--	D (S1B) –TN
Bachman's sparrow	<i>Peucaea aestivalis</i>	--	E (S1) –KY
Bald eagle	<i>Haliaeetus leucocephalus</i>	DM	T (S2) –KY D (S3) –TN
Bank swallow	<i>Riparia</i>	--	SPCO (S3) –KY
Bewick's wren	<i>Thryomanes bewickii</i>	--	E (S1) –TN
Black-crowned night-heron	<i>Nycticorax</i>	--	T (S1S2) –KY
Blue-winged teal	<i>Anas discors</i>	--	T (S1S2) –KY
Brown creeper	<i>Certhia Americana</i>	--	E (S1S2)
Cattle egret	<i>Bubulcus ibis</i>	--	SPCO (S1S2) – KY

Common Name	Scientific Name	Status*	
		Federal	State (Rank)
Cerulean warbler	<i>Setophaga cerulean</i>	--	D (S3B) –TN
Common barn-owl	<i>Tyto alba</i>	--	SPCO (S3) –KY D (S3) –TN
Golden eagle	<i>Aquila chrysaetos</i>	--	T (S1) –TN
Great egret	<i>Ardea alba</i>	--	E (S1B) –KY D (S2B,S3N) –TN
Henslow's sparrow	<i>Ammodramus henslowii</i>	--	SPCO (S3B) –KY D (S1B) –TN
Interior least tern	<i>Sterna antillarum athalassos</i>	LE	E (S2S3B) –KY
Lark sparrow	<i>Chondestes grammacus</i>	--	T (S2S3) –TN
Little blue heron	<i>Egretta caerulea</i>	--	E (S1) –KY D (S2B,S3N) –TN
Osprey	<i>Pandion haliaetus</i>	--	T (S2) –KY
Pied-billed grebe	<i>Podilymbus podiceps</i>	--	E (S1) –KY
Piping plover	<i>Charadrius melodus</i>	LE	TRKD (S2N) –TN
Sedge wren	<i>Cistothorus platensis</i>	--	SPCO (S3B) –KY
Swainson's warbler	<i>Limnothlypis swainsonii</i>	--	D (S3) –TN
Vesper sparrow	<i>Pooecetes gramineus</i>	SC	E (S1) –KY D (S1BS4N) –TN
Yellow-crowned night-heron	<i>Nyctanassa violacea</i>	--	T (S2) –KY
Crustaceans			
A crayfish	<i>Orconectes alabamensis</i>	--	D –TN
A crayfish	<i>Orconectes wright</i>	--	E (S2) –TN
Mammoth cave crayfish	<i>Orconectes pellucidus</i>	--	SPCO (S3) –KY
Fish			
Alligator gar	<i>Atractosteus spatula</i>	--	E (S1) –KY
Ashy darter	<i>Etheostoma cinereum</i>	--	T (S2S3) –TN
Black buffalo	<i>Ictiobus niger</i>	--	SPCO (S3) –KY
Blotched chub	<i>Erimystax insignis</i>	--	E (S1) –KY
Blotchside logperch	<i>Percina burtoni</i>	--	D (S2) –TN
Blue sucker	<i>Cycleptus elongates</i>	--	T (S2) –TN
Chain pickerel	<i>Esox niger</i>	--	SPCO (S3) –KY
Chestnut lamprey	<i>Ichthyomyzon castaneus</i>	--	SPCO (S2) –KY
Coppercheek darter	<i>Etheostoma aquali</i>	--	T (S2S3) –TN
Crown darter	<i>Etheostoma corona</i>	--	E (S1S2) –TN
Cypress darter	<i>Etheostoma proeliare</i>	--	T (S2) –KY
Firebelly darter	<i>Etheostoma pyrrhogaster</i>	--	D (S2) –TN
Flame chub	<i>Hemitremia flammea</i>	--	D (S3) –TN
Golden darter	<i>Etheostoma denoncourti</i>	--	D (S2) –TN
Goldstripe darter	<i>Etheostoma parvipinne</i>	--	E (S1) –KY
Highfin carpsucker	<i>Carpionodes velifer</i>	--	D (S2S3) –TN
Lake chubsucker	<i>Erimyzon sucetta</i>	--	T (S2) –KY
Lake sturgeon	<i>Acipenser fulvescens</i>	--	E (S1) –KY

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Common Name	Scientific Name	Status*	
		Federal	State (Rank)
Lollipop darter	<i>Etheostoma neopterygion</i>	--	TRKD (S1S2) – TN
Northern madtom	<i>Noturus stigmosus</i>	--	D (S3) –TN
Pygmy madtom	<i>Noturus stanauli</i>	LE	E (S1) –TN
Redspotted sunfish	<i>Lepomis miniatus</i>	--	T (S2) –KY
Saddled madtom	<i>Noturus fasciatus</i>	--	T (S2) –TN
Silver lamprey	<i>Ichthyomyzon unicuspis</i>	--	D (S2) –TN
Slackwater darter	<i>Etheostoma boschungii</i>	LT	T (S1) –TN
Slenderhead darter	<i>Percina phoxocephala</i>	--	D (S3) –TN
Smallscale darter	<i>Etheostoma microlepidum</i>	--	E (S1) –KY
Southern brook lamprey	<i>Ichthyomyzon gagei</i>	--	D (S1) –KY/TN
Southern cavefish	<i>Typhlichthys subterraneus</i>	--	SPCO (S2S3) – KY D (S3) –TN
Tuscumbia darter	<i>Etheostoma Tuscumbia</i>	--	D (SX) –TN
Gastropods			
Armored rocksnail	<i>Lithasia armigera</i>	--	SPCO (S3S4) – KY TRKD (S1S2) – TN
Helmet rocksnail	<i>Lithasia duttoniana</i>	--	TRKD (S2) –KY
Muddy rocksnail	<i>Lithasia salebrosa</i>	--	TRKD (S3S4) – KY TRKD (S2) –TN
Ornate rocksnail	<i>Lithasia geniculata</i>	--	SPCO (S1) –KY TRKD (S2) –TN
Rugged hornsnail	<i>Pleurocera alveare</i>	--	TRKD (S2) –TN
Rugose rocksnail	<i>Lithasia jayana</i>	--	TRKD (SX) –TN
Shortspire hornsnail	<i>Pleurocera curta</i>	--	SPCO (S2) –KY TRKD (S2) –TN
Varicose rocksnail	<i>Lithasia verrucosa</i>	--	SPCO (S3S4) – TN
Insects			
A cave obligate beetle	<i>Pseudanophthalmus hesperus</i>	--	TRKD (S1) –TN
Acuminate snaketail	<i>Ophiogomphus acuminatus</i>	--	TRKD (S2) –TN
American burying beetle	<i>Nicrophorus americanus</i>	LE	HIST (SH) –KY TRKD (SH) –TN
Margaret's river cruiser	<i>Macromia margarita</i>	--	TRKD (S2S3) – TN
Mammals			
Allegheny woodrat	<i>Neotoma magister</i>	--	D (S3) –TN
Common shrew	<i>Sorex cinereus</i>	--	SPCO (S3) –KY D (S4) –TN
Evening bat	<i>Nycticeius humeralis</i>	--	SPCO (S3) –KY
Gray bat	<i>Myotis grisescens</i>	LE	T (S2) –KY E (S2) –TN
Indiana bat	<i>Myotis sodalis</i>	LE	E (S1S2) –KY

Common Name	Scientific Name	Status*	
		Federal	State (Rank)
			E (S1) –TN
Meadow jumping mouse	<i>Zapus hudsonius</i>	PS	D (S4) –TN
Northern long-eared bat	<i>Myotis septentrionalis</i>	LT	E (S3) –KY -- (S1S2) –TN/TN
Pygmy shrew	<i>Sorex hoyi</i>	--	TRKD (S2) –TN
Southeastern bat	<i>Myotis austroriparius</i>	--	E (S1S2) –KY
Southeastern shrew	<i>Sorex longirostris</i>	--	D (S4) –TN
Mussels			
Birdwing pearlymussel	<i>Lemiox rimosus</i>	LE	E (S1) –TN
Clubshell	<i>Pleurobema clava</i>	LE	E (SH) –TN
Cracking pearlymussel	<i>Hemistena lata</i>	LE	E (S1) –TN
Fanshell	<i>Cyprogenia stegaria</i>	LE	E (S1) –KY/TN
Fat pocketbook	<i>Potamilus capax</i>	LE	E (S1) –KY
Little spectaclecase	<i>Villosa lienosa</i>	--	SPCO (S3S4) – KY
Orange-foot pimpleback	<i>Plethobasus cooperianus</i>	LE	E (S1) –KY/TN
Pink heelsplitter	<i>Potamilus alatus</i>	--	TRKD (S2) –TN
Pink mucket	<i>Lampsilis abrupta</i>	LE	E (S1) –KY E (S2) –TN
Pistolgrip	<i>Tritogonia verrucosa</i>	--	--(S4S5) –KY -- (S4) –TN
Pocketbook	<i>Lampsilis ovata</i>	--	E (S1) –KY
Purple lilliput	<i>Toxolasma lividus</i>	--	TRKD (S1S2) – TN
Pyramid pigtoe	<i>Pleurobema rubrum</i>	--	E (S1) –TN
Rabbitsfoot	<i>Quadrula cylindrica</i>	LT	--
Ring pink	<i>Obovaria retusa</i>	LE	E (S1) –TN
Rough pigtoe	<i>Pleurobema plenum</i>	LE	E (S1) –TN
Salamander mussel	<i>Simpsonaias ambigua</i>	--	TRKD (S1) –TN
Sheepnose	<i>Plethobasus cyphus</i>	LE	E (S1) –KY TRKD (S2S3) – TN
Slabside pearlymussel	<i>Pleuonaia dolabelloides</i>	LE	TRKD (S2) –TN
Smooth rabbitsfoot	<i>Quadrula cylindrica</i>	LT	T (S2) –KY TRKD (S3) –TN
Spectaclecase	<i>Cumberlandia monodonta</i>	LE	TRKD (S2S3) – TN
White wartyback	<i>Plethobasus cicatricosus</i>	LE	E (S1) –TN
Reptiles			
Alligator snapping turtle	<i>Macrochelys temminckii</i>	--	D (S2S3) –TN
Coal skink	<i>Plestiodon anthracinus</i>	--	T (S2) –KY
Copperbelly water snake	<i>Nerodia erythrogaster neglecta</i>	--	SPCO (S3) –KY
Eastern ribbon snake	<i>Thamnophis sauritus</i>	--	SPCO (S3) –KY
Midland smooth softshell	<i>Apalone mutica</i>	--	SPCO (S3) –KY
Northern pine snake	<i>Pituophis melanoleucus</i>	--	T (S3) –KY

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Common Name	Scientific Name	Status*	
		Federal	State (Rank)
			T (S2) –TN
Scarlet kingsnake	<i>Lampropeltis triangulum elapsoides</i>	--	SPCO (S3) –KY
Southeastern five-lined skink	<i>Eumeces inexpectatus</i>	--	SPCO (S3) –KY
Western pigmy rattlesnake	<i>Sistrurus miliarius streckeri</i>	--	T (S2) –KY T (S2S3) –TN
Plants			
American ginseng	<i>Panax quinquefolius</i>	--	S-CE (S3S4) –TN
Barbed rattlesnake-root	<i>Prenanthes barbata</i>	--	SPCO (S2) –TN
Barrens silky aster	<i>Symphotrichum pratense</i>	--	E (S1) –TN
Blackfoot quillwort	<i>Isoetes melanopoda</i>	--	E (S1S2) –TN
Bladderpod	<i>Lesquerella lescurii</i>	--	HIST (SH) –KY
Blue sage	<i>Salvia azurea</i> var. <i>grandiflora</i>	--	SPCO (S3) –TN
Buckley's goldenrod	<i>Solidago buckleyi</i>	--	SPCO (S2S3) – KY
Bull-grass	<i>Paspalum boscianum</i>	--	SPCO (S2S3) – KY
Bunchflower	<i>Melanthium virginicum</i>	--	E (S1) –KY/TN
Butternut	<i>Juglans cinerea</i>	--	T (S2S3) –KY T (S3) –TN
Button snakeroot	<i>Eryngium integrifolium</i>	--	T (S1) –KY/TN
Carolina anglepod	<i>Matelea carolinensis</i>	--	E (S1?) –KY
Common silverbell	<i>Halesia carolina</i>	--	E (S1S2) –KY
Compass plant	<i>Silphium laciniatum</i> var. <i>robinsonii</i>	--	T (S2) –TN
Compass-plant	<i>Silphium laciniatum</i>	--	T (S2) –KY
Cream wild indigo	<i>Baptisia bracteata</i> var. <i>leucophaea</i>	--	SPCO (S3) –KY SPCO (S1S2) – TN
Creamflower tick-trefoil	<i>Desmodium ochroleucum</i>	--	E (S1) –TN
Deam's copperleaf	<i>Acalypha deamii</i>	--	SPCO (S1) –TN
Downy phlox	<i>Phlox pilosa</i> ssp. <i>ozarkana</i>	--	SPCO (S1S2) – TN
Flat-stemmed spike-rush	<i>Eleocharis compressa</i>	--	SPCO (S1) –TN
Fraser loosestrife	<i>Lysimachia fraseri</i>	--	E (S2) –TN
Grassleaf arrowhead	<i>Sagittaria graminea</i>	--	T (S1S2) –KY
Grassleaf mud-plantain	<i>Heteranthera dubia</i>	--	SPCO (S3) –KY
Great plains ladies'-tresses	<i>Spiranthes magnicamporum</i>	--	E (S1) –TN
Hair-like mock bishop-weed	<i>Ptilimnium capillaceum</i>	--	T (S1S2) –KY
Hairy fimbriatylis	<i>Fimbristylis puberula</i>	--	T (S1S2) –TN
Hairy hawkweed	<i>Hieracium longipilum</i>	--	T (S2) –KY SPCO (S1) –TN
Hairy umbrella-sedge	<i>Fuirena squarrosa</i>	--	SPCO (S1) –TN
Halberd-leaf tearthumb	<i>Polygonum arifolium</i>	--	T (S1) –TN
Heller's catfoot	<i>Pseudognaphalium helleri</i>	--	SPCO (S2) –TN

Common Name	Scientific Name	Status*	
		Federal	State (Rank)
Hoary azalea	<i>Rhododendron canescens</i>	--	E (S1) –KY
Horsesugar	<i>Symplocos tinctoria</i>	--	SPCO (S2) –TN
Lady-slipper	<i>Cypripedium kentuckiense</i>	--	E (S2) –TN
Lake-cress	<i>Armoracia lacustris</i>	--	T(S1S2) –KY SPCO (S2) –TN
Lamance iris	<i>Iris brevicaulis</i>	--	E (S1) –TN
Loesel's twayblade	<i>Liparis loeselii</i>	--	T (S1) –TN
Longleaf stitchwort	<i>Stellaria longifolia</i>	--	SPCO (S2S3) – KY
Maryland milkwort	<i>Polygala mariana</i>	--	SPCO (S1) –TN
Mock-orange	<i>Philadelphus inodorus</i>	--	T (S1S2) –KY
Mountain-mint	<i>Pycnanthemum albescens</i>	--	HIST (SH) –KY
Muhly	<i>Muhlenbergia glabrifloris</i>	--	SPCO (S2S3) – KY
Naiad	<i>Najas gracillima</i>	--	SPCO (S2S3) – KY
naked-stem sunflower	<i>Helianthus occidentalis</i>	--	SPCO (S2) –TN
Northern dropseed	<i>Sporobolus heterolepis</i>	--	E (S1) –KY
Nuttall's mock bishop's-weed	<i>Ptilimnium nuttallii</i>	--	E (S1S2) –KY
Oldenlandia	<i>Oldenlandia uniflora</i>	--	E (S1) –KY
Ovate catchfly	<i>Silene ovata</i>	--	E (S2) –TN
Possum-haw viburnum	<i>Viburnum nudum</i>	--	E (S1) –KY
Prairie junegrass	<i>Koeleria macrantha</i>	--	E (S1) –KY
Prairie redroot	<i>Ceanothus herbaceus</i>	--	T (S2) –KY
Price's potato-bean	<i>Apios priceana</i>	LT	E (S3) –KY E (S1) –TN
Purple milkweed	<i>Asclepias purpurascens</i>	--	SPCO (S1) –TN
River bulrush	<i>Bolboschoenus fluviatilis</i>	--	SPCO (S1) –TN
Rough dropseed	<i>Sporobolus clandestinus</i>	--	T (S2S3) –KY
Rough pennyroyal	<i>Hedeoma hispida</i>	--	T (S2) –KY
Rough rattlesnake-root	<i>Prenanthes aspera</i>	--	E (S1) –KY T (S1) –TN
Sand grape	<i>Vitis rupestris</i>	--	E (S1) –TN
Screwstem	<i>Bartonia virginica</i>	--	T (S2) –KY
Sedge	<i>Carex hirtifolia</i>	--	SPCO (S1S2) – TN
Sedge	<i>Carex lacustris</i>	--	T (S1) –TN
Sedge	<i>Carex reniformis</i>	--	SPCO (S1) –TN
Sedge	<i>Carex comosa</i>	--	T (S2) –TN
September elm	<i>Ulmus serotina</i>	--	SPCO (S3) –KY
Short-beak arrowhead	<i>Sagittaria brevirostra</i>	--	T (S1) –TN
Short-head rush	<i>Juncus brachycephalus</i>	--	SPCO (S2) –TN
Short's rock-cress	<i>Boechnera shortii</i>	--	SPCO (S1S2) – TN
Slender blazing-star	<i>Liatris cylindracea</i>	--	T (S2) –TN

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Common Name	Scientific Name	Status*	
		Federal	State (Rank)
Small sundrops	<i>Oenothera perennis</i>	--	E (S1S2) –KY
Smaller mud-plantain	<i>Heteranthera limosa</i>	--	T (S1S2) –KY/TN
Southern bog clubmoss	<i>Lycopodiella appressa</i>	--	E (S1) –KY
Southern morning-glory	<i>Stylisma humistrata</i>	--	T (S1) –TN
Spike-rush	<i>Eleocharis intermedia</i>	--	E (S1) –TN
Spreading false-foxglove	<i>Aureolaria patula</i>	--	SPCO (S3) –TN
Sundrops	<i>Oenothera linifolia</i>	--	E (S1S2) –KY
Swamp lousewort	<i>Pedicularis lanceolata</i>	--	SPCO (S1S2) –TN
Swamp wedgescale	<i>Sphenopholis pensylvanica</i>	--	SPCO (S1S2) –KY
Sweet coneflower	<i>Rudbeckia subtomentosa</i>	--	E (S1) –KY T (S2) –TN
Sweetscent ladies'-tresses	<i>Spiranthes odorata</i>	--	E (S1) –TN
Sweet-scented Indian-plantain	<i>Hasteola suaveolens</i>	--	SPCO (S2) –TN
Tower-mustard	<i>Turritis glabra</i>	--	SPCO (S1) –TN
Trepocarpus	<i>Trepocarpus aethusae</i>	--	SPCO (S3) –KY
Turk's cap lily	<i>Lilium superbum</i>	--	T (S1S2) –KY
Virginia rose	<i>Rosa virginiana</i>	--	SPCO (SH) –TN
Walter's barnyard grass	<i>Echinochloa walteri</i>	--	SPCO (S1) –TN
Water-milfoil	<i>Myriophyllum pinnatum</i>	--	E (S1) –TN
Water-purslane	<i>Didiplis diandra</i>	--	T (S1) –TN
Wedge-leaf Whitlow-grass	<i>Draba cuneifolia</i>	--	SPCO (S1S2) –TN
Western false gromwell	<i>Onosmodium molle</i> ssp. <i>occidentale</i>	--	T (S1S2) –TN
Western hairy rock-cress	<i>Arabis hirsute</i>	--	T (S1) –TN
Yellow trout-lily	<i>Erythronium rostratum</i>	--	SPCO (S2) –TN

*Federal status abbreviations: LE = Listed endangered, LT = Listed threatened; PS = Partial status; SC = Species of Concern; DM = Recovered, delisted, and being monitored

State status abbreviations: E = Endangered; T = Threatened; D = In need of management; NOST = No status; SPCO= Special concern; TRKD = Tracked by state natural heritage program; S-CE = Special Concern - Commercially Exploited; HIST = Historically known from the area, may be extirpated or extinct

State rank abbreviations: S1 = Critically imperiled, often with five or fewer occurrences, S2 = Imperiled, often with <20 occurrences; S3 = Rare or uncommon, often with <80 occurrences; S4 = Widespread, abundant, and apparently secure within the state, but with cause for long-term concern; SX = Believed to be extirpated from the state; SH = Of historical occurrence in the state, e.g. formally part of the established biota, with the expectation that it may be rediscovered; S#S# = Denotes a range of ranks because the exact rarity of the element is uncertain (e.g., S1S2); S? = Unranked at this time or rank uncertain; B = Breeds in the state; N = occurs in the state in a non-breeding status ?

Source: TVA 2016a

In order to determine which of the species listed in each county are known to occur in the general vicinity of the reservoir, a more refined database search was conducted. Database searches are based on the following criteria: (1) distance, (2) element occurrence rank values,

and (3) species or type of element present. Accordingly, plants are assessed within a 5-mile radius, aquatic species within a 10-mile radius, and terrestrial species within a 3-mile radius.

2.2.5.1 Plants

Reviews of the TVA Natural Heritage database indicated within the 15 surrounding counties of Kentucky Reservoir, there is one federally listed and 90 state-listed plant species (see Table 2-8). Further, one federally listed species and 83 state-listed species have been recorded within 5 miles of Kentucky Reservoir. These species and their habitat requirements are discussed below in Table 2-9.

Records of 21 listed species are located within TVA parcels. The majority of these records are on parcels allocated to Zone 3 (Sensitive Resource Management), Zone 4 (Natural Resources Conservation) or Zone 6 (Developed Recreation). In addition, there are populations of bunchflower and swamp wedgescale that occur on parcels allocated to Zone 7 (Shoreline Access), and one record of lamance iris is known on a Zone 2 (Project Operations) parcel.

Table 2-9. Habitat Requirements for Plant Species of Conservation Concern within 5 Miles of Kentucky Reservoir

Common Name	Habitat Requirements	Suitable Habitat Present
Allegheny-spurge	Rich woods with limestone substrate ¹	Yes
American bladdernut	Wet deciduous forests ²	Yes
American ginseng	Rich moist hardwood dominated woods under a closed canopy ⁴	Yes
Barbed rattlesnake-root	Barrens and dry woodlands ³	Yes
Barrens silky aster	Barrens ³	Yes
Black bugbane	Moist, mix deciduous woods, ravines, creek margins, thickets, moist weadows ²	Yes
Blackfoot quillwort	Seasonal streambeds and wet depressions ³	Yes
Blue sage	Barrens ¹	Yes
Buckley's goldenrod	Mesic woods ²	Yes
Bunchflower	Wet woods And fields ³	Yes
Butternut	Rich woods and hollows ³	Yes
Button snakeroot	Wet barrens ³	Yes
Canada wild-ginger	Deciduous forests ²	Yes
Carolina anglepod	Moist woods and thickets, riverbanks, infrequently in ditches ⁴	Likely
Carolina silverbell	Moist, slightly acidic soils, floodplain woods, stream banks, swamp borders ²	Yes Recorded in a TVA Zone 3 parcel

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Common Name	Habitat Requirements	Suitable Habitat Present
Carolina willow	Alluvial woods ²	Likely
Cream wild indigo	Upland ³	Likely
Creamflower tick-trefoil	Sandy dry woods ³	Likely
Deam's copperleaf	Mesic woods, sandbars ³	Likely
Downy phlox	Rocky dry, open woods ³	Likely
Epiphytic sedge	Swamps and wetlands, often on at the base of cypress trees or on rotting logs and stumps ⁴	Yes Recorded in a TVA Zone 3 parcel
Flat-stemmed spike-rush	Wet limestone glades ³	Likely
Fraser loosestrife	Dry open woods ³	Yes Recorded in a TVA Zone 4 parcel
Grassleaf arrowhead	Pond and stream margins ³	Likely
Grassleaf mud-plantain	Submerged or floating aquatic plant ⁴	Likely
Great plains ladies'-tresses	Glades ⁵	Likely
Greek valerian	Moist soils in deciduous woodlands ⁵	Likely
Green violet	Rich limestone soils in woodlands, ravines, and on slopes ²	Likely
Hair-like mock bishop-weed	Wetlands ¹	Yes Recorded in TVA Zone 3 and 4 parcels
Hairy fimbriatilis	Wet prairies and woods ³	Likely
Hairy hawkweed	Dry fields and sandy roadbanks ³	Likely
Hairy umbrella-sedge	Stream and lake margins ³	Likely
Halberd-leaf tearthumb	Wetlands and marshes ³	Yes Recorded in a TVA Zone 3 parcel
Heart-leaved foam-flower	Woods along streams ²	Likely
Hoary azalea	Moist to dry woods, often along streams ²	Likely
Horsesugar	Floodplains and moist ravines ¹	Likely
Hydrolea	Ponds and swamps ³	Likely
Lady-slipper	Riparian forests ³	Likely
Lake-cress	Open water of natural lakes, sloughs, ponds, canals, ditches, and swamps ¹	Likely
Lamance iris	Bottomlands ³	Yes Recorded in TVA Zone 2 and 3 parcels
Loesel's twayblade	Calcareous seeps ³	Yes Recorded in a TVA Zone 4 parcel
Longleaf stitchwort	Bogs ³	Yes Recorded in a TVA Zone 4 parcel
Maryland milkwort	Sandy alluvial woods and disturbed areas ³	Likely
Mock-orange	Moist rocky woods and streambanks ¹	Likely

Common Name	Habitat Requirements	Suitable Habitat Present
Mountain-mint	Dry upland forests and low open woods along streams ⁶	Likely
Muhly (<i>Muhlenbergia tenuiflora</i>)	Deciduous woodlands ⁵	Likely
Muhly (<i>Muhlenbergia glabriflora</i>)	Dry woods and barrens ³	Likely
Naiad	Clear lakes and ponds ¹	Likely
Naked-stem sunflower	Open areas with sandy soil ⁵	Likely
Nuttall's mock bishop's-weed	Wetlands and wet areas ⁷	Likely
Oldenlandia	Wetlands and wet forests ⁷	Yes Recorded in a TVA Zone 6 parcel
Ovate catchfly	Open oak woods ³	Likely
Possum-haw viburnum	Barrens, depressions, willow oak forest ³	Likely
Prairie redroot	Usually calcareous soils, often limestone outcrops ⁵	Likely
Price's potato-bean	Opening in rich woods ³	Likely
Purple milkweed	Barrens ³	Likely
River bulrush	Marshes ³	Yes Recorded in a TVA Zone 4 parcel
Rough pennyroyal	Dry prairies and pastures ⁸	Limited
Rough rattlesnake-root	Barrens and roadsides ³	Yes Recorded in a TVA Zone 3 parcel
Screwstem	Wetlands ⁷	Likely
Sedge (<i>Carex lacustris</i>)	Alluvial woods ³	Likely
Sedge (<i>Carex reniformis</i>)	Rich bottomland woods ³	Yes Recorded in a TVA Zone 4 parcel
Short-beak arrowhead	Swamps and floodplains ³	Yes Recorded in a TVA Zone 4 parcel
Short's rock-cress	Wooded bluffs and floodplains ³	Likely
Slender blazing-star	Barrens ³	Likely
Small sundrops	Damp depressions ⁵	Likely
Smaller mud-plantain	Mud flats ³	Yes Recorded in a TVA Zone 4 parcel
Southern bog clubmoss	Moss, bogs, lakeshores, marshes, ditches, borrow pits ²	Likely
Southern morning-glory	Dry piney woods ³	Likely
Spreading false-foxglove	Limestone bluffs shaded by oaks. Oak root parasite. ⁴	Likely
Swamp wedgescale	Wetlands ⁷	Yes Recorded in a TVA Zone 7 parcel
Sweetscent ladies'-tresses	Swamps, marshes, prairies, riverbanks, ditches ²	Yes Recorded in a TVA Zone 4 parcel

Common Name	Habitat Requirements	Suitable Habitat Present
Sweet-scented indian-plantain	Alluvial woods, moist slopes ³	Yes Recorded in a TVA Zone 4 parcel
Tower-mustard	Barrens and open floodplains ³	Likely
Trepocarpus	Wetlands ⁷	Yes Recorded in a TVA Zone 4 parcel
Turk's cap lily	Moist meadows woods and coves ⁴	Yes Recorded in a TVA Zone 4 parcel
Virginia rose	Limestone barrens and swamps ³	Likely
Walter's barnyard grass	Bottomlands and marshes ³	Yes Recorded in a TVA Zone 4 parcel
Water-purslane	Swamps ³	Likely
Wedge-leaf whitlow-grass	Barrens and glades ³	Likely
Western false gromwell	Glades ³	Likely
Western hairy rock-cress	Glades and limestone bluffs ³	Likely
White turtlehead	Wetlands ⁷	Likely
Yellow trout-lily	Mesic woods and slopes ³	Likely

¹ Source: Lady Bird Johnson Wildflower Center 2013 ² Source: Flora of North America 1993
³ Source: TDEC 2014 ⁴ Source: NatureServe 2016
⁵ Source: Hilty 2015 ⁶ Source: University of Illinois 2016
⁷ Source: USDA NRCS 2016b ⁸ Source: Kansas Wildflowers & Grasses 2016

2.2.5.2 Terrestrial Wildlife

Reviews of the TVA Natural Heritage database indicated that there are 11 federally listed terrestrial species (five endangered, two threatened, one that is recovered, delisted, and being monitored, two partial status listing, and one species of concern), and 37 additional state-listed species with no federal status in the counties surrounding Kentucky Reservoir (see Table 2-8). Within 3 miles of the reservoir, 36 state-listed species have been recorded, 8 of which are also federally listed species. These species and their habitat requirements are described in Table 2-10. Thirteen of these species have been recorded on a TVA parcels.

Table 2-10. Habitat Requirements for Terrestrial Species of Conservation Concern within 3 Miles of Kentucky Reservoir

Common Name	Habitat Requirements	Suitable Habitat Present
Amphibians		
Bird-voiced treefrog	Bottoms, sloughs and swamps along rivers and large creeks ¹	Yes Recorded on a Zone 3 parcel
Four-toed salamander	Sphagnum/moss bogs, shallow wetlands, vernal pools, headwater streams ¹	Yes Recorded on a Zone 3 parcel

Common Name	Habitat Requirements	Suitable Habitat Present
Green treefrog	Forested areas and swamps ¹	Yes Recorded on a Zone 4 parcel
Hellbender	Creeks and rivers ²	Likely
Northern crawfish frog	Prairies, low meadows, pastures. Occasionally found in floodplain. Breed in waterholes and ditches. ²	Little suitable habitat
Three-lined salamander	Beneath logs/leaves in flooded forests along wet ditches or in seepage area around springs ¹	Yes Recorded on a Zone 3 parcel
Birds		
Anhinga	Swamps, lakes, and sluggish streams at low elevations ³	Likely, however records are historic Recorded on a Zone 4 parcel
Bachman's sparrow	Dry open mature pine forest with grass understory, found clear cuts, fallow fields ²	Limited amount of evergreen forest
Bald eagle	Forested areas near open water. ² In Tennessee, overwintering on reservoirs and large rivers. ¹	Yes Recorded on TVA Zone 4 and 7 parcels
Bewick's wren	Shrubby areas, open woodlands near rivers and streams. Rare east of the Mississippi River ¹ .	Yes Recorded on a Zone 3 parcel
Brown creeper	Coniferous and mixed forests, often in bottomland hardwood forests in winter. ¹	Limited amount of evergreen or mixed forest
Common barn-owl	Nesting: cliffs, hollow trees, buildings, open forests; foraging: dense grass fields including marshes ²	Likely
Great egret	Wetlands and shallow water ²	Yes Recorded on a Zone 4 parcel
Lark sparrow	Open habitats with scattered bushes and trees, prairie, cultivated areas, fields with bushy borders; ground nester. ³	Limited suitable habitat
Little blue heron	Bodies of calm shallow water; colonial nester ³	Likely
Piping plover	Open sandy beaches, occasionally mud flats ¹	Likely
Swainson's warbler	Mature, rich, damp, deciduous floodplain and swamp forests. ³	Likely
Yellow-crowned night-heron	Wetlands ¹	Yes Recorded on a Zone 4 parcel

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Common Name	Habitat Requirements	Suitable Habitat Present
Insects		
American burying beetle	Forests, fields, hedgerows ²	Likely
Margaret's river cruiser	Small streams to large rivers, usually mountain streams ²	Likely
Mammals		
Allegheny woodrat	Rocky outcrops, cliffs. Usually at higher elevations ²	Limited suitable habitat
Evening bat	In spring and summer tree cavities are utilized, occasionally manmade structures. Caves almost never utilized. Winter habitat unknown. ¹	Yes Recorded on a Zone 3 parcel
Gray bat	Caves ²	Yes. One cave within TVA Parcels. Zones 4 and 7
Indiana bat	In winter, hibernacula are found in caves. During summer, roosts are found in wooded or semi wooded areas that have suitable trees with loose bark. ²	Yes Recorded on a Zone 4 parcel
Northern long-eared bat	In winter, hibernacula are found in caves. During summer, roosts are found in wooded or semi wooded areas that have suitable trees with loose bark. ²	Likely
Meadow jumping mouse	Moist lowlands, wetlands ²	Likely
Pygmy shrew	Grassy opening, coniferous and deciduous forests, floodplains and bogs ¹	Likely
Southeastern bat	Usually roosts in buildings and hollow trees, occasionally uses caves and other man-made structures. Maternity colonies found in caves. Associated with water. ¹	Likely
Southeastern shrew	Various habitats, appears to prefer moist-wet areas ²	Likely
Reptiles		
Alligator snapping turtle	Slow moving, deep water of rivers, sloughs, oxbows, swamps, and lakes; middle and west Tennessee; obscure ³	Yes Recorded on a Zone 3 parcel
Coal skink	Humid wooded areas with abundant leaf litter and loose rocks; vicinity of springs, swamps, and bogs; spotty distribution. ³	Likely
Eastern ribbon snake	Semi-aquatic, rarely found far from water. Found along grassy edges of wet areas.	Likely
Midland smooth softshell	Large rivers with sandy/muddy bottoms. Occasionally found in lakes. ¹	Yes Recorded on a Zone 6 parcel
Northern pine snake	Pine or pine/oak woodland on sandy soils ² .	Yes Recorded on TVA

Common Name	Habitat Requirements	Suitable Habitat Present
		parcels Zones 4 and 6
Southeastern five-lined skink	Woodland habitat, usually dry areas ¹	Likely
Western pigmy rattlesnake	Usually near water in river floodplains, swamps, marshes, and wet prairies; occasionally drier wooded uplands. ³ Occasionally found in rocky uplands, pine woods and glades ¹	Yes Recorded on TVA Zones 4 and 7 parcels

¹ Source: TWRA 2016

² Source: NatureServe 2016

³ Source: TDEC 2014

2.2.5.2.1 Amphibians

There are six species of listed amphibians within 3 miles of the reservoir (Table 2-10). Two of these species (four-toed salamander, the three-lined salamander, and bird-voiced treefrog) have been recorded on TVA parcels allocated to Zone 3 (Sensitive Resource Management). Green treefrog has been recorded on a TVA parcel allocated to Zone 4 (Natural Resource Conservation). Suitable habitat for hellbender is likely located within TVA parcels. The northern crawfish frog has limited suitable habitat within the TVA parcels.

2.2.5.2.2 Birds

There are 12 species of listed birds within 3 miles of Kentucky Reservoir. Five species, the anhinga, bald eagle, Bewick's wren, great egret, and yellow-crowned night heron are known to occur within TVA parcels, however the record of the anhinga is historic. Of the remaining eight species, five have likely suitable habitat within the TVA parcels.

Bald eagles have been observed foraging over Kentucky Reservoir and documented nesting in larger trees along the reservoir. Bald eagles have been observed on TVA parcels allocated to Zone 4 (Natural Resource Conservation) and Zone 7 (Shoreline Access).

Bewick's wrens have been documented on a Zone 3 (Sensitive Resource Management) parcel at Kentucky Reservoir and suitable open woodland and shrubby habitat is present on additional TVA parcels.

Wetland habitats on TVA parcels provide habitat for bird species, including great egrets and yellow-crowned night herons. Both species have been documented on a Zone 4 (Natural Resource Conservation) parcel. Little blue herons utilize similar habitats, but have not been documented on any TVA parcels at Kentucky Reservoir. There is suitable wetland habitat

present for each of these species. Piping plovers may utilize the open mudflats available at times in shallow portions of the reservoir. However, no piping plovers have been recorded on TVA properties to date.

Habitat on TVA parcels is more limited for Bachman's sparrows, brown creepers, and lark sparrows. Brown creepers may use the more abundant deciduous bottomland hardwood forests during winter months, but coniferous forests have become more limited due to southern pine beetles. Suitable habitat exists for barn owls and Swainson's warbler, but neither of these species have been documented on TVA parcels to date.

2.2.5.2.3 Insects

Of the two species known to occur within 3 miles of the reservoir, neither the American burying beetle nor Margaret's river cruiser is known to occur within any TVA parcels, however suitable habitat for both species is present. American burying beetles utilize forests, fields, hedgerows. Margaret's river cruiser is found along small streams to large rivers, typically mountain streams in high quality forests. This type of habitat is limited on TVA parcels and it is unlikely that this species is present.

2.2.5.2.4 Mammals

Within 3 miles of Kentucky Reservoir, there are eight species of listed mammals, four bat species and four rodent species. All of the bat species have been recorded on TVA parcels with the exception of the southeastern bat. There are 36 caves within 3 miles of the reservoir, three of which are known to have gray bats. A cave is located within a parcel allocated as Zone 3 (Sensitive Resource Management), it contains a maternity roost for gray bats and is listed as a Priority 2 cave in the Gray Bat Recovery Plan. There is foraging and summer roosting habitat for all five bat species within the TVA parcels. Indiana bats have been tracked to a spring/summer roost on a TVA parcel allocated to Zone 4 (Natural Resource Conservation). Records of northern long eared bats occur on the shoreline of Kentucky Reservoir, though not on TVA parcels. These records include documentation of pregnant and lactating female northern long-eared bats. Additional summer habitat for northern long-eared is known from Lyon, Marshall and Trigg counties, Kentucky. There are no known records for any of the rodent species within the parcels, however suitable habitat is present for all but the Allegheny woodrat.

2.2.5.2.5 Reptiles

Seven species of listed reptiles have been reported within 3 miles of the reservoir. Four of these species (the western pygmy rattlesnake, northern pine snake, midland smooth softshell, and the alligator snapping turtle) have been recorded within TVA parcels. The remaining four species have not been recorded within TVA parcels, however suitable habitat is present.

Alligator snapping turtles utilize slow moving, deep water of rivers, sloughs, oxbows, swamps, and lakes. Suitable habitat is present for this species, and it has been recorded on a Zone 3 (Sensitive Resource Management) parcel. Midland smooth softshell turtles utilize large rivers with sandy/muddy bottoms and are occasionally found in lakes. This species has been recorded on a Zone 6 (Developed Recreation) parcel and suitable habitat is present on other TVA parcels.

The western pine snake was recorded on parcels allocated to Zone 4 (Natural Resource Conservation) and Zone 7 (Shoreline Access). Suitable habitat exists on these and other parcels.

Coal skinks utilize humid wooded areas with abundant leaf litter and loose rocks near springs and wetlands. Similarly eastern ribbon snakes and western pigmy rattlesnakes are rarely found far from water in grassy edges of wet areas, swamps, and marshes. There is suitable habitat present for all of these species, but only the pigmy rattlesnake has been recorded on TVA parcels to date. Western pigmy rattlesnakes have been recorded on TVA Zones 4 (Natural Resource Conservation) and Zone 7 (Shoreline Access) parcels.

Northern pine snakes utilize pine or pine/oak woodlands with sandy soils. Habitat is present for this species and it has been recorded on TVA parcels allocated for Zones 4 (Natural Resource Conservation) and Zone 6 (Developed Recreation).

Southeastern five-lined skinks are found in dry woodland habitats. Suitable habitat exists for this species, but it has not been recorded on TVA parcels.

2.2.5.3 Aquatic Species

In the 15 counties surrounding Kentucky Reservoir, there are 17 federally listed aquatic animal species and 61 state-listed species (Table 2-8). Within 10 miles of the reservoir, there are 16 federally listed species and an additional 62 state-listed species (Table 2-11). There are records of 40 listed species within the reservoir, however only one federally listed and two state-listed

occurrence records are located in the reservoir adjacent to TVA parcels. Both the slenderhead darter and the redspotted sunfish are located adjacent to parcels allocated to Zone 7 (Shoreline Access). These records are from 1960 and 1954, respectively. The slabside pearlymussel was located adjacent to a parcel allocated to Zone 3 (Sensitive Resource Management).

Table 2-11. Habitat Requirements for Aquatic Species of Conservation Concern within 10 Miles of Kentucky Reservoir

Common Name	Habitat Requirement	Suitable Habitat Present
Fish		
Alabama shad ³	Anadromous fish that lives in saltwater and migrates to medium/large coastal rivers to spawn. ¹	Unlikely
Alligator gar ³	Sluggish pools of large rivers, oxbows, swamps, and backwaters; west Tennessee. ²	Likely
American brook lamprey ³	Gravel/sand riffles and runs of creeks-rivers with strong flow ¹	Unlikely
Ashy darter	Medium rivers, slow moving pools with gravel substrates	Unlikely
Bandfin darter	Sand and gravel pools at headwaters, creeks, and small rivers ¹	Unlikely
Black buffalo	Pools and backwaters of small to large rivers, reservoirs and lakes ¹	Likely
Blacknose dace	Cool gravel/rocky headwater pools and slow runs ¹	Unlikely
Blotched chub ³	Shallow water of medium streams to small rivers with gravel, rubble, or bedrock substrate.	Unlikely
Blotchside logperch ³	Riffles and gravel runs of clear, small to medium rivers	Unlikely
Blue sucker ³	Large rivers and tributaries. Found in channels and flowing pools. Located in some impoundments	Possible
Central mudminnow	Vegetated streams, sloughs, bogs, lakes and overflow areas. ¹	Likely
Chain pickerel ³	Vegetated lakes, swamps, backwaters, quiet pools of creeks and small-medium rivers ¹	Likely
Chestnut lamprey ³	Medium to large river and large reservoirs. ¹	Likely
Coppercheek darter ³	Primarily in deep riffles, runs, and flowing pools; Duck and Buffalo River watersheds ²	Likely
Cypress darter	Slow moving water, usually in vegetation over mud. Common in soft bottomed lowland lakes. ¹	Likely
Eastern sand darter	Sandy area within slow moving small creeks to large river and lake shores. ¹	Likely
Fantail darter	Riffles with gravel/rubble in creeks to medium rivers. ¹	Somewhat likely

Common Name	Habitat Requirement	Suitable Habitat Present
Firebelly darter	Sand/gravel bottom pools of headwaters, creeks, small rivers. Most common in swift currents. ¹	Unlikely
Flame chub	Springs and spring fed streams	Unlikely
Gilt darter ³	Small-medium rivers with clean water and strong flow. ¹	Somewhat likely
Golden darter	Medium to large rivers in shallow riffle areas of pea gravel; Tennessee River system. ²	Likely. Rare, not state listed
Goldstripe darter	Clay/sand bottomed runs and pools of vegetated spring-fed headwaters and creeks. ¹	Unlikely
Highfin carpsucker ³	Pools and backwaters of creeks and rivers with gravel or sandy bottoms.	Likely
Lake sturgeon	Bottoms of large clean freshwater rivers and lakes	Somewhat likely
Lollipop darter	Small to medium sized, gravelly, cool, spring-fed streams; Shoal Creek watershed. ²	Unlikely
Pygmy madtom	Medium to large rivers with moderate to strong current over gravel substrates; Tennessee River watershed. ²	Likely
Redline darter	Riffles of clear creeks and small to medium rivers ¹	Somewhat likely
Redspotted sunfish	Swamps, sloughs, bottomland lakes, pools in creeks and small-medium rivers. ¹	Likely. Recorded at a Zone 7 parcel
Rosefin shiner	Rocky pools and runs of headwaters, creeks, and small rivers. ¹	Unlikely
Rosyside dace	Upland tributaries of Little Tennessee River; east Tennessee. ² Small clear streams. ¹	Unlikely
Saddled madtom	Rocky riffles, runs, and flowing pools of clear creeks and small rivers; Duck River system and nearby tributaries of the Tennessee River. ²	Unlikely
Scaly sand darter ³	Small to medium rivers with sandy substrate; Hatchie and Buffalo rivers. ²	Somewhat likely
Silver lamprey ³	Lakes, reservoirs, and large rivers; lower Cumberland, lower Tennessee, and probably Mississippi river watersheds. ²	Likely
Slenderhead darter ³	Small-large rivers with moderate gradient in shoal areas with moderate-swift currents; portions of Tennessee and Cumberland river watersheds. ²	Likely. Recorded at a Zone 7 parcel
Southern brook lamprey	Creeks and small rivers in gravel/sand riffles and runs. ¹	Somewhat likely
Southern cavefish	Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding River Valley and Blue Ridge ²	Likely. Known from Baugus cave and an unnamed

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Common Name	Habitat Requirement	Suitable Habitat Present
		cave near Jeannette
Spotfin shiner	Large creeks-small rivers with permanent flow, usually in riffles and raceways. ¹	Likely
Steelcolor shiner	Runs, pools, and backwaters of large creeks to large rivers. ¹	Likely
Stripetail darter	Pools of shallow headwater, creeks, small rivers with rocky substrate. ¹	Unlikely
Tuscumbia darter	Ponded spring-fed habitats of valley floor springs; lower Tennessee River; probably extirpated from Tennessee. ²	Unlikely
Gastropod		
Armored rocksnail ³	Partially buried logs, gravel, and preferably submerged rock outcrops; lower Cumberland River and larger tributaries; Obey River ²	Likely. Rare not state-listed
Helmet rocksnail	Rocky substrates in riffle systems; bedrock in flowing water below main section of riffles; Duck River (TN River system).	Likely. Rare not state-listed
Muddy rocksnail ³	Formerly occurred in portions of lower Cumberland and lower Tennessee systems; may be limited to dam tailwaters currently.	Likely. Rare not state-listed
Ornate rocksnail ³	Large rivers, does not readily adapt to reservoirs	Somewhat likely
Rugged hornsnail ³	Flowing water on gravel/cobble/boulder substrate. Small-large rivers. ¹	Likely
Rugose rocksnail	Probably in the vicinity of riffles in medium rivers ¹	Likely
Shortspire hornsnail ³	Freshwater ¹	Likely
Varicose rocksnail ³	Rocky shoals and riffle son medium-big rivers with moderate current ¹	Likely
Mussel		
Clubshell ³	Small/med-sized rivers and streams; deeply buried in sand/fine gravel or in clean, coarse sand/gravel runs; lower Cumberland and Tennessee rivers. ²	Likely
Cracking pearlymussel ³	Creeks to large rivers. In fast currents it is found in sand/grave/cobble substrate. In slow current, mud/sand substrates. ¹	Likely
Fanshell ³	Medium to large streams, sometimes found in rivers with gravel substrate and strong current. ¹	Likely
Fat pocketbook	Sand/mud/fine gravel substrate in medium-large rivers. ¹	Likely
Flat floater	Sand/mud substrates in lakes and sloughs. In the sluggish portions of streams. Backwaters, oxbows, sloughs in medium creeks to large river backwaters. ¹	Likely
Hickorynut ³	Sand/gravel substrate in deep water ¹	Likely

Common Name	Habitat Requirement	Suitable Habitat Present
Long-solid (<i>Fusconaia subrotunda</i>) ³	Medium to large rivers with strong currents ¹	Likely
Long-solid (<i>Fusconaia subrotunda subrotunda</i>)	Medium to large rivers with strong currents ¹	Likely
Mucket ³	Large creeks and rivers of riffles shoals and runs with strong currents. ¹	Likely
Ohio pigtoe ³	Medium to large rivers. In reservoirs, usually found in tailwaters. ¹	Likely
Orange-foot pimpleback ³	Riffles and shoals in medium to large rivers	Likely
Painted creekshell	Mixed sand and gravel with good current in less than 3 feet of water ¹	Likely
Pink heelsplitter	A variety of substrates in low to swift currents. Can adapt to lake habitats. ¹	Somewhat likely
Pink mucket ³	Large river species associated with swift currents. May be able to reproduce in impoundments with flowing water. ¹	Likely
Pink papershell	Rivers in shallow water with slow currents and sand/gravel/mud substrate. ¹	Likely
Pistolgrip	Large rivers with gravel/rocky substrates. Adaptable to a variety of conditions. ¹	Likely
Pocketbook ³	Generalized habitat, adapts to both deep impoundments and shallow rivers. ¹	Likely
Purple lilliput	Small-medium sized rivers & large creeks, in mud, sand, and gravel substrates; Tennessee and Cumberland river systems in headwater areas. ²	Unlikely
Pyramid pigtoe ³	Rivers with strong current and firm sand/gravel substrates; Tennessee and Cumberland river systems including KY Reservoir. ²	Likely
Rabbitsfoot ³	Large rivers in sand and gravel; Tennessee and Cumberland systems. ²	Likely
Ring pink ³	Gravel and sandbars of large rivers ¹	Likely
Rock pocketbook	Mud and sand bottom pools in medium-large rivers in standing or slow flowing water. ¹	Likely
Rough pigtoe ³	Medium to large rivers in sand/gravel/cobble shoals. Occasionally found in flats and muddy sand ¹	Likely
Salamander mussel	In sand or silt under large, flat stones in areas of swift current; occurred historically in E. Fork Stones River; 2005 observed in lower Duck River. ²	Somewhat likely
Sheepnose ³	Generally found in deep water mud/sand/gravel bottoms in large rivers with swift currents. ¹	Likely

Common Name	Habitat Requirement	Suitable Habitat Present
Slabside pearlymussel ³	Large creeks to medium rivers, in riffles/shoals of sand, fine gravel, and cobble substrates with medium current; Tennessee River watershed. ²	Likely Recorded at a Zone 3 parcel
Smooth rabbitsfoot ³	Small to medium rivers with moderate to swift current	Somewhat likely
Spectaclecase ³	In shelters areas of large rivers. ¹	Likely
Wartyback ³	Medium to large rivers in 15 to 18 ft water on sand/mud substrate. ¹	Likely
White wartyback ³	Presumed to inhabit shoals and riffles in large rivers; Tennessee and Cumberland river systems. Very rare and possibly extirpated in Tennessee. ²	Somewhat Likely

¹ Source: NatureServe 2016

² Source: TDEC 2014

³ Records within the Reservoir

For more information on endangered species and potential impacts of the final RLMP, see Volume I, Section 3.7.

2.2.6 Water Quality

TVA has improved tailwater water quality below many of its hydroelectric facilities. This has been accomplished by the establishment of the Reservoir Releases Improvement Program, which was begun officially in 1991 when the TVA Board of Directors approved a five-year plan to improve water releases from 16 dams by maintaining minimum flows and reaeration of dam discharges. Implementing minimum flows was accomplished via turbine pulses, and dissolved oxygen levels increased in a variety of ways (e.g., turbine venting, oxygen injection, and weir dams). These techniques helped to mimic more natural riverine conditions in TVA tailwaters. The Reservoir Releases Improvement Program included daily scheduling at the Kentucky Reservoir to meet minimum flows. Sufficient water, reservoir storage, and operational flexibility exist at this reservoir to maintain flows by appropriately scheduling normal releases. The cost of this approach is minimal, generally involving the incremental value of power at different hours or days.

Kentucky Reservoir is large with a length of 184 miles, an average hydraulic residence time of 19 days, and an average depth of 17.7 feet. It is categorized by TVA as a storage reservoir with multi-purpose use, including power generation, flood control, and navigation.

The most recent ratings for dissolved oxygen, chlorophyll, and sediment for Kentucky Reservoir from TVA's Reservoir Ecological Health Ratings program are presented in Table 2-11. As is true for several reservoirs, dissolved oxygen has been rated fair at the forebay. A fair rating has also been found for the mid-reservoir while a poor rating has been identified at the Big Sandy embayment. The Big Sandy embayment is relatively small area that has been listed by TDEC as impaired in part due to low dissolved oxygen (TDEC 2016). TVA has found dissolved oxygen conditions to be generally good, but temporally variable as a result of flow conditions through the reservoir.

Chlorophyll ratings at Kentucky Reservoir are similar to the dissolved oxygen ratings, with high concentrations and a poor rating during summer at the forebay and Big Sandy embayment. At the mid-reservoir location the rating has varied between a fair and good.

Sediment quality has generally been rated as good in Kentucky Reservoir. In 1999 and 2001, a fair rating was determined at the Big Sandy embayment due to elevated concentrations of arsenic. Low levels of polychlorinated biphenyls have been detected in samples from each location, and arsenic was slightly elevated in the Big Sandy embayment sample.

Table 2-12. Ecological Health Indicators at Kentucky Reservoir — 2011

Monitoring location	Dissolved Oxygen	Chlorophyll	Sediment
Forebay	Fair	Poor	Fair
Mid-reservoir	Fair	Fair	Fair
Big Sandy embayment	Poor	Poor	Fair

Source: TVA 2016b

While water supply intakes and waste water discharges are regulated by the states under the National Pollutant Discharge Elimination System, TVA permits the actual intake and outfall structures under Section 26a of the TVA Act. The most recent state permit/water withdrawal registration data for water supply withdrawals and waste water discharges directly from or to the reservoirs is provided in Table 2-13. This information does not include withdrawals or discharges in the watersheds.

Table 2-13. Direct Reservoir Average Daily Water Supply Withdrawals and Wastewater Discharges — 2016

2010 Water Withdrawal Volume (MGD)			2010 Wastewater Discharge Volume (MGD)		
Municipal	Industrial	Thermo-electric	Municipal	Industrial	Thermo-electric
5.93	70.87	1173.75	1.33	89.31	1198.00

Notes: Municipal wastewater discharge data includes 0.24 MGD in the impounded portion of Duck River.
 Municipal wastewater discharge data includes 0.15 MGD in the impounded portion of Big Sandy River.
 Municipal wastewater discharge data includes 0.30 MGD in the impounded portion of Beech River.
 Municipal wastewater discharge data includes 0.03 MGD in the impounded portion of Jonathan Creek.

Source: Pers. Comm., Gary Springston, TVA August 2016

For more information on water quality and potential impacts of the final RLMP, see Volume I, Section 3.8.

2.2.7 Wetlands

Wetlands are transitional ecosystems between terrestrial and aquatic communities, where saturation with water is the dominant factor in determining the types of plants and animals present. Wetlands are ecologically important because of their beneficial effect on water quality, their moderation of flow regimes by retaining and gradually releasing water, their value as wildlife habitat, and as areas of botanical diversity. Wetlands exist within and adjacent to TVA reservoirs and are influenced by surface water and groundwater connections to the water levels in these reservoirs. The presence of wetlands immediately on or adjacent to TVA reservoirs is related to the land use characteristics and development status of the shoreline. Lands supporting more intense shoreline development are typically noted as having a decrease in wetland features.

Emergent wetlands typically occur in a narrow elevation zone centered on the summer pool elevation and contain water for much of the growing season. Vegetation typically includes cattail, bulrush, arrowhead, and water plantain. Scrub-shrub wetlands are typically associated with reservoir shorelines and coves and are often transition zones between emergent and forested wetlands. The vegetation can include hardwood trees less than 15-feet-tall, but are dominated by shrubs such as silky dogwood, red osier dogwood, buttonbush, alder, willow, and elderberry. Forested wetlands occur on lower-lying, undisturbed areas and along tributary streams on power generation sites. These areas are dominated by flood tolerant hardwood species such as oaks, maples, and ash.

Vegetated wetlands occur with greater frequency and size along the mainstem reservoirs and tailwaters, such as Kentucky, than along the tributary reservoirs and tailwaters. This is due in part to the larger-sized watersheds of mainstem reservoirs resulting in a greater volume of water; greater predictability of the annual hydrologic regime; shoreline and drawdown zone topography (wider and flatter floodplains, riparian zones, and drawdown zones and large areas of shallow water); and larger sections of relatively still, shallow-water areas. Wetlands tend to be smaller and do not occur as frequently on tributary reservoirs because of the relatively steep drawdown zones, the rolling to steep topography of adjacent lands, shoreline disturbance caused by wave action, and the lower predictability and shorter duration of summer pool levels. Within mainstem reservoirs, wetlands occur on flats between summer and winter pool elevations, on islands, along reservoir shorelines, in dewatering areas, in floodplains, on river terraces, along connecting rivers and streams, around springs and seeps, in natural depressions, in areas dammed by beaver, in and around constructed reservoirs and ponds (diked and/or excavated), and in additional areas that are isolated from other surface waters.

The information presented in this document is derived from the National Wetland Inventory database(USFWS 2016b). Field surveys were not performed for this RLMP to gather more up-to-date information regarding the types and locations of wetlands on Kentucky Reservoir TVA-managed lands. The most abundant wetland type on Kentucky Reservoir TVA-managed land is forested, followed by an almost equal amount of scrub-shrub and emergent wetlands (Table 2-14).

Table 2-14. Wetland Types on Kentucky Reservoir

Wetland Type	Acres
Scrub-shrub	2,154
Emergent	2,194
Forested	15,519
Total	19,867

Source: USFWS 2016b

Some of the wetland areas on the reservoir lands are present in local, state, and federally managed areas including wildlife refuges, wildlife management areas, national forests, parks, and recreation areas; and TVA-designated sites, including small wild areas, habitat protection areas, and ecological study areas (Section 2.2.11).

For more information on wetlands and the potential impacts of the final RLMP, see Volume I, Section 3.9.

2.2.8 Floodplains

The area encompassed by the RLMP extends from the lower limit of TVA's property, just below the Kentucky Dam at approximate Tennessee River mile (TRM) 20.4, upstream to TRM 206.7 at Pickwick Dam. Kentucky Dam is located at TRM 22.4. The 100-year floodplain is the area that would be inundated by the 100-year flood (base flood).

In Kentucky Reservoir, the 100-year flood elevations for the Tennessee River vary from 375.0 feet msl at the Kentucky Dam at TRM 22.4 to elevation 401.4 feet msl at TRM 206.7 just below Pickwick Dam. The TVA Flood Risk Profile elevations vary from 375.0 feet msl at TRM 22.4 to 403.6 feet msl at TRM 206.72.

Tabulations of the 100-flood and TVA Flood Risk Profile elevations are included in Volume I, Appendix E.

For more information on floodplains and the potential impacts of the final RLMP, see Volume I, Section 3.10.

2.2.9 Air Quality

In accordance with the Clean Air Act Amendments of 1990, all counties that include parts of the Kentucky Reservoir are designated with respect to compliance, or degree of noncompliance, with the National Ambient Air Quality Standards (NAAQS). The NAAQS have been established to protect the public health and welfare with respect to six pollutants: particulate matter, sulfur dioxide, carbon monoxide, ozone, nitrogen dioxide, and lead. An area with air quality better than the NAAQS is designated as "attainment;" an area with air quality worse than the NAAQS is designated as "non-attainment." Callow, Livingston and Lyon counties in Kentucky and Benton, Decatur, Hardin, Henry, Houston, Humphreys, Perry, Stewart and Wayne counties in Tennessee are considered in attainment for all NAAQS (USEPA 2016). The Mingo Wilderness is a designated Prevention of Significant Deterioration Class I air quality area approximately 103 miles from the Kentucky Reservoir and is afforded special protection. General information about air emissions and climate change are identified in Volume I, Section 3.11.

Sources of air emissions within lands along the Kentucky Reservoir include industrial development, public works projects, developed recreation sites, motorized watercraft (motor

boats, jet skis), and other vehicle traffic. Lands allocated to Zone 5 (Industrial) have the greatest potential to support uses that produce higher levels of air emissions. Major sources of potential air emissions within Zone 5 parcels include industrial and light manufacturing facilities, barges, trucks and personal vehicles, and barge terminals and operations.

Air emissions generated at Kentucky Reservoir vary with type of activity/development. Currently, air emissions from uses on TVA lands on the Kentucky Reservoir are low. Future projects that have the potential to affect ambient air quality would be planned in detail to minimize air emission impacts and would comply with Clean Air Act regulations.

For more information on air quality and the potential impacts of the final RLMP, see Volume I, Section 3.11.

2.2.10 Cultural and Historic Resources

Cultural resources include prehistoric and historic archaeological sites, districts, buildings, structures, and objects, as well as locations of important historic events that lack material evidence of those events. Cultural resources that are listed, or considered eligible for listing, on the National Register of Historic Places (NRHP) are called historic properties. To be considered an historic property, a cultural resource must possess both integrity and significance. A historic property's integrity is based on its location, design, setting, materials, workmanship, feeling, and association. The significance is established when historic properties meet at least one of the following criteria: (a) are associated with important historical events or are associated with the lives of significant historic persons; (b) embody distinctive characteristics of a type, period, or method of construction; (c) represent the work of a master, or have high artistic value; or (d) have yielded or may yield information important in history or prehistory (36 Code of Federal Regulations [CFR] Part 60.4).

Section 106 of the National Historic Preservation Act (NHPA) requires federal agencies to consider the effects of their proposed undertakings on historic properties and provide the Advisory Council on Historic Preservation an opportunity to comment on those effects. TVA determined that the final RLMP is an "undertaking" as defined by the regulations under NHPA. Once an action is determined to be an undertaking, the regulations require agencies to consider whether the proposed activity has the potential to impact historic properties. If the undertaking is such an activity, then the agency must follow the following steps: (1) involve the appropriate consulting parties; (2) define the area of potential effects (APE); (3) identify historic properties in

the APE; (4) evaluate possible effects of the undertaking on historic properties in the APE; and (5) resolve adverse effects. (36 CFR Section [§] 800.4 through 800.13.). An APE is defined as the “geographic area or areas within which the undertaking may directly or indirectly cause alterations in the character or use of historic properties, if any such properties exist.” (36 CFR § 800.16.). Concerning cultural resources, the APE is taken as the affected environment for purposes of this EIS. TVA defined the APE for Kentucky Reservoir to be the approximately 5,935.7-acres of uncommitted land where TVA is proposing in its final RLMP (Alternative B) to change the Alternative A land use zone allocations (Appendix B, Table 3).

Section 106 of the NHPA requires federal agencies to consult with the respective State Historic Preservation Officer and Indian tribes when proposed federal actions could affect historic and cultural resources, including archaeological resources, which are also protected under the Archaeological Resources Protection Act, and the Native American Graves Protection and Repatriation Act, in addition to the NHPA.

2.2.10.1 Archaeological Resources

The Kentucky Reservoir region has been an area of human occupation for the last 12,000 years. This includes five broad cultural periods: Paleo-Indian (older than 9200 BC), Archaic (9200-1000 BC), Woodland (1000 BC-AD 900), Mississippian (AD 900-1500), and Historic (AD 1500-present). These divisions are based on stylistic changes in artifact types and technological and cultural adaptations. Prehistoric land use and settlement patterns vary during each period, but short- and long-term habitation sites are generally located on flood plains and alluvial terraces along rivers and tributaries. Specialized campsites tend to be located on older alluvial terraces and in the uplands. The cultural history of Kentucky Reservoir was well summarized in the report of archaeological findings by Kerr (1996). The Chickasaw occupied the western Tennessee Valley with the Cherokee and Upper Creeks further east along the headwaters of the Tennessee River. The influx of European settlers occurred after 1818 under three treaties with the Chickasaw. Subsistence farming, small “landing businesses related to river transportation, and the iron industry played an important role in the development of this region. Kentucky reservoir lands saw conflict during the Civil War as the area was important for transportation. Fort Henry, Fort Donelson, and Fort Heiman were prominent fortifications in the area. The Post-Civil War economy near Kentucky Reservoir experienced more diverse industry development such as timbering, musseling, leather tanning, whiskey production, and tobacco farming, was comparatively slow, but industrialization eventually spread through the counties.

Industry development continued to expand until the creation of Kentucky Reservoir when recreation and river transportation increasingly influenced the region's economy.

The earliest formal archaeological investigations in the region began long prior to the impoundment of Kentucky Reservoir and were undertaken by Constantine Rafinesque (Rafinesque 1824), Clarence B. Moore (1915) and Webb and Funkhouser (1932). These early investigations were primarily concerned with prehistoric monumental architecture, caves, and large shell midden sites. Prior to the inundation of the Kentucky Reservoir, laborers from the Works Projects Administration and the Civilian Conservation Corps conducted the first large-scale archaeological excavations in Kentucky River basin under the direction of archaeologists affiliated with the University of Kentucky. Excavations mostly focused on large shell midden sites and large mound civic/ceremonial centers. These excavations provided detailed information regarding the chronological occupation of the region. In recent decades, TVA land has been subjected to archaeological investigations in response to potential project impacts. The largest of these archaeological investigations focused on identifying easily accessible archaeological sites on 19,949 acres of Kentucky Reservoir land and 690 miles of shoreline (Kerr 1996, Kerr and Reynolds 2000). These and other past archaeological surveys of Kentucky Reservoir lands have varied in location and thoroughness due to evolving archaeological site identification standards. Not all of the lands involved in this land planning process have been surveyed. Moreover, many of the previously reported archaeological sites have not been assessed for their NRHP eligibility. Within the 5,935.7 acres subject to TVA's proposed land use zone reallocations for uncommitted land (Appendix B, Table 3), these limited archaeological surveys resulted in the identification of 212 archaeological sites.

2.2.10.2 Historic Structures

The acquisition of land for Kentucky Reservoir resulted in the removal of many structures and other man-made features. The few structures that remain represent all historical periods including individual farmsteads or larger scale plantations, civic or religious sites such as churches, cemeteries or schools, and industrial sites such as mills. In addition, structures associated with the inception of TVA may have historic significance such as the Kentucky Hydroelectric Project. TVA has conducted a survey of all of the major hydroelectric facilities that TVA built and is currently in the process of nominating Kentucky Dam and its associated facilities to the NRHP.

Furthermore, many historic structures remain on adjacent non-TVA land that may be indirectly impacted by activities on TVA land.

For more information on cultural resources and the potential impacts of the final RLMP, see Volume I, Section 3.12.

2.2.11 Natural Areas and Ecologically Significant Sites

Natural areas include managed areas, ecologically significant sites, and Nationwide Rivers Inventory (NRI) streams. Managed areas include lands held in public ownership that are managed by an entity (e.g., TWRA, TVA, USFWS, State of Tennessee, Marshall County) to protect and maintain certain ecological and/or recreational features. A management plan or similar document defines what types of activities are compatible with the intended use of the managed area. Ecologically significant sites are tracts of privately owned land that are either recognized by resource biologists as having significant environmental resources or identified tracts on TVA lands that are ecologically significant, but not specifically managed by TVA's Natural Areas Program. Nationwide Rivers Inventory streams are free-flowing segments of rivers recognized by the National Park Service as possessing outstandingly remarkable natural or cultural values that may potentially qualify them as part of the National Wild and Scenic Rivers System.

The TVA Natural Heritage database indicates that there are 60 natural areas on or within TVA parcels along Kentucky Reservoir. The TVA Natural Areas Program manages 13 of the 60 natural areas. The natural areas along Kentucky Reservoir include local and state parks, USFWS, TVA, and TWRA lands.

For more information on managed areas and sensitive ecological sites, see Volume I, Section 3.13 and Appendix E.

2.2.12 Aesthetics and Visual Resources

The shoreline of Kentucky Reservoir is composed of a variety of land uses including the Land Between the Lakes National Recreation Area and other recreational areas, forested areas, residential development, suburban areas, parks, farmed areas, and a relatively small amount of industrial and commercial and industrial uses primarily located in the vicinity of the dam.

The southern half of the reservoir is narrow and more characteristic of a river with a large extent of undeveloped, natural appearing vegetated shoreline. As one moves north along the reservoir,

the river becomes wider and more pool-like. There is a higher level of development present but a large extent of natural-appearing shoreline still remains.

The visibility of the landscape to viewers is moderate to high, with the value increasing as one moves north along the reservoir. This is largely due to the wider river and higher number of state parks, commercial recreational developments, and other recreational areas including the Land Between the Lakes.

For more information on aesthetic and visual resources and the potential impacts of the final RLMP, see Volume I, Section 3.14.

2.2.13 Noise

Sources of noise within lands along the Kentucky Reservoir include those associated with industrial development, developed recreation sites, and uses related to TVA project operations and various public works projects. Characteristics of noise emissions associated with common land uses are identified in Volume I, Section 3.15.

Lands allocated to Zone 5 (Industrial) have the greatest potential to support uses that produce high levels of noise. The most common measurement of sound and environmental noise is the A-weighted decibel scale (dBA). This is a logarithmic scale that ranges from 0 dBA to about 140 dBA and approximates the range of human hearing. Common sources of noise from industrial uses include: heavy trucks; rail and barge operations; and industrial workplaces. Noise emission levels for these sources can range from 85 dBA to 100 dBA (U.S. Department of the Interior [USDOI] 2008) and are dependent on the distance from the noise source. Lands allocated to Zone 2 (Project Operations) and Zone 6 (Developed Recreation) also have the potential to generate noise, but typically to a lesser degree than industrial development. The primary source of noise from land allocated to Zone 2 (Project Operations) are the Kentucky Dam Reservation, including the dam and powerhouse, navigation lock and associated barge operations, access roads, boat-launching ramp, and a commercial marina. Noise emission levels for these sources can range from 70 dBA to 100 dBA (USDOI 2008) and are also dependent on the distance from the noise source. The primary source of noise from land allocated to Zone 6 (Developed Recreation) would be commercial marinas and motorized watercraft (motor boats, jet skis); and road traffic. Noise emission levels for land uses allocated to Zone 6 can range from 40 dBA (very quiet) to 90 dBA (jet ski). Noise levels for motor boats

and jet skis may also exhibit short elevated bursts of noise as a result of speed of the watercraft and other operational factors.

Under the final RLMP (Alternative B), TVA land allocated to Zone 3 (Sensitive Resource Management), Zone 4 (Natural Resource Conservation) and Zone 7 (Shoreline Access) account for the majority (89 percent) of land uses at Kentucky Reservoir. Such land uses generally do not create noise emissions that would have an effect on the ambient noise environment and reflect a general environment consisting of low noise levels. Approximately 11 percent of land along the reservoir is allocated to zones that would support land uses with the potential for noise emissions (Zones 2, 5, and 6).

Noise from land uses varies with the type of development and will attenuate with distance from the source and as such, the noise level around the reservoir is relatively low. Any future projects on parcels that have the potential to affect noise emissions would be planned in detail and may be expected to consist of both water-dependent facilities and other common actions as well as new developments as allowed per each land use zone.

For more information on these resources and the potential impacts of the final RLMP, see Volume I, Section 3.14.

2.2.14 Socioeconomics

2.2.14.1 Population and Economy

The population of the Kentucky Reservoir area, which consists of 15 counties, is described in Table 2-15. Calloway County has the highest population with 38,343 which represents an increase of 3.1 percent since 2015. The remaining county populations range from 7,929 in Perry County to 28,015 in Henderson County. Only three counties; Calloway, Henderson, and Perry, had positive growth rates from 2010 to 2015. All other counties within the area decreased in total population size during the same time period; however projections through 2020 indicate that all counties will have positive population growth rates. The counties in the Kentucky Reservoir area are decidedly rural in distribution of population. All counties within the area exceed the states rural population percentage. Calloway County is the only county with less than 50 percent of the total population being considered rural while the remaining counties all have greater than a 60 percent rural population. Five counties are considered to be completely rural.

Table 2-15. Population and Percent Growth – Kentucky Reservoir

County	Population (2020 - Projection)	Population (2015 - Estimate)	Population (2014 - Estimate)	Population (2010)	Projected Growth (2015-2020)	Percent Change (2010-2015)	Percent Change (2010-2014)	Percent Rural (2010)
Livingston	9,438	9,316	9,443	9,519	1.3%	-2.1%	-0.8%	95.4%
Lyon	8,523	8,306	8,415	8,314	2.6%	-0.1%	1.2%	100.0%
Calloway	40,411	38,343	37,981	37,191	5.4%	3.1%	2.1%	48.7%
Trigg	16,244	14,233	14,277	14,339	14.1%	-0.7%	-0.4%	79.4%
Humphreys	20,000	18,135	18,322	18,538	10.3%	-2.2%	-1.2%	82.5%
Benton	20,542	16,129	16,345	16,489	27.4%	-2.2%	-0.9%	78.5%
Decatur	14,577	11,660	11,675	11,757	25.0%	-0.8%	-0.7%	100.0%
Hardin	29,604	25,756	25,969	26,026	14.9%	-1.0%	-0.2%	67.9%
Wayne	18,046	16,748	16,967	17,021	7.8%	-1.6%	-0.3%	100.0%
Henry	38,947	32,147	32,279	32,330	21.1%	-0.6%	-0.2%	66.9%
Henderson	33,034	28,015	27,963	27,769	17.9%	0.9%	0.7%	76.4%
Perry	9,260	7,929	7,851	7,915	16.8%	0.2%	-0.8%	100.0%
Stewart	15,659	13,259	13,311	13,324	18.1%	-0.5%	-0.1%	100.0%
Houston	10,563	8,149	8,356	8,426	29.6%	-3.3%	-0.8%	100.0%
Carroll	35,753	27,910	28,511	28,522	28.1%	-2.1%	0.0%	83.1%
Tennessee	7,195,375	6,600,299	6,451,365	6,346,105	8.3%	3.9%	1.6%	33.6%
Kentucky	4,672,754	4,425,092	4,383,272	4,339,367	5.3%	1.9%	1.0%	41.6%

Sources: U.S. Census Bureau (USCB) 2010a and USCB 2015

As presented in Table 2-16, from 2010 to 2014, an average of 5.9 percent of the population over the age of 16 was unemployed throughout the area counties. The states of Tennessee and Kentucky during that same period had an unemployment rate of 6 percent. The largest sectors for civilian employment in Kentucky, Tennessee, and the majority of the counties is Management, Business Science, and Arts, as well as Sales and Office. Median household incomes range from \$31,225 in Wayne County, Tennessee to 45,303 in Trigg County, Kentucky. Lyon County and Trigg County are only counties within the area that have higher median household incomes than the states of Tennessee and Kentucky.

2.2.14.2 Environmental Justice

EO 12898, “Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations” formally requires federal agencies to incorporate environmental justice as part of NEPA. Specifically, it directs them to address, as appropriate, any disproportionately high and adverse human health or environmental effects of their actions, programs, or policies on minority and low-income. Although EO 12898 does not apply to TVA’s activities, TVA routinely considers environmental justice in its planning processes.

The minority population in the Kentucky Reservoir area ranges from 3.6 percent for Livingston County to 15.0 percent for Carroll County (Table 2-17). All of the counties within the area contain a much smaller minority population than their respective states. From 2010 to 2014, an average of 19.6 percent of the population within the area was below the poverty level, whereas only 17.8 percent and 19 percent of the population were below the poverty level in Tennessee and Kentucky, respectively.

For more information on socioeconomics and the potential impacts of the final RLMP, see Volume I, Section 3.16.

Table 2-16. Employment and Income, 2010-2014 – Kentucky Reservoir

Employment and Income (2010 to 2014)	Civilian Employed Population 16 Years and Over	Management and Business Science and Arts	Service Occupations	Sales and Office	Natural Resources, Construction, and Maintenance	Production, Transportation and Material Moving	Percent of Population > 16 years Unemployed	Median Household Income
Livingston	3,776	20.3%	19.7%	19.3%	22.1%	18.6%	4.2%	\$40,580
Lyon	2,721	25%	22%	25%	10%	17%	3%	\$43,715
Calloway	16,855	33%	18%	25%	9%	14%	6%	\$38,589
Trigg	5,461	34%	13%	24%	8%	21%	4%	\$45,303
Humphreys	7,227	27%	16%	19%	15%	22%	6%	\$41,152
Benton	6,068	23%	20%	21%	13%	23%	8%	\$34,087
Decatur	4,569	30%	20%	19%	12%	20%	6%	\$37,219
Hardin	9,216	24%	18%	23%	13%	21%	9%	\$34,084
Wayne	5,662	24%	19%	24%	16%	19%	7%	\$31,225
Henry	12,368	26%	17%	25%	11%	21%	7%	\$38,694
Henderson	11,119	27%	15%	23%	12%	24%	6%	\$38,696
Perry	2,764	25%	25%	15%	16%	18%	6%	\$31,750
Stewart	4,863	32%	17%	20%	15%	16%	7%	\$41,089
Houston	3,063	21%	16%	19%	22%	23%	4%	\$38,637
Carroll	10,984	30%	18%	22%	9%	9%	6%	\$36,168
Tennessee	2,835,895	34%	17%	25%	9%	15%	6%	\$44,621
Kentucky	1,870,879	33%	17%	24%	10%	17%	6%	\$43,342

Table 2-17. Minority Population and Poverty, 2010-2014– Kentucky Reservoir

County	Total Population	White Alone*	Black or African American Alone*	American Indian and Alaska Native Alone*	Asian Alone*	Native Hawaiian and Other Pacific Islander Alone*	Two or More Races	Hispanic or Latino†	Percent Minority	Percent of Population Below Poverty Level
Livingston	9,443	9,235	29	18	35	0	121	136	3.6%	15.4%
Lyon	8,415	7,749	543	0	31	0	80	70	8.5%	13.9%
Calloway	37,981	34,755	1,474	120	800	9	683	942	10.6%	21.3%
Trigg	14,277	12,819	1,172	0	80	0	206	213	11.7%	15.5%
Humphreys	18,322	17,449	711	20	28	5	61	333	6.3%	16.4%
Benton	16,345	15,603	581	28	51	0	65	330	6.5%	21.8%
Decatur	11,675	11,002	335	2	28	5	179	335	7.5%	21.8%
Hardin	25,969	21,140	1,160	86	100	16	432	236	7.9%	22.2%
Wayne	16,967	15,633	1,041	36	40	0	141	292	9.0%	21.3%
Henry	32,279	28,883	2,774	83	24	0	489	653	12.5%	19.8%
Henderson	27,963	24,923	2,154	9	25	20	232	592	12.1%	20.7%
Perry	7,851	7,474	198	23	0	0	156	152	6.7%	23.6%
Stewart	13,311	12,504	257	164	139	0	162	297	7.5%	19.1%
Houston	8,356	7,911	167	16	14	0	231	166	7.2%	21.8%
Carroll	28,511	24,726	2,851	129	52	2	566	644	15.0%	19.4%
Tennessee	6,451,365	5,029,109	1,082,001	17,656	98,441	3,256	122,662	309,828	25.4%	17.8%
Kentucky	4,383,272	3,845,535	345,035	9,000	53,448	2,109	86,627	139,636	14.5%	19.0%

*Includes persons reporting only one race

† Hispanics may be of any race, so also are included in applicable race categories.

Source: USCB 2010b

2.3 Major Features of Kentucky Reservoir

2.3.1 Natural Resource Management

Since the impoundment of Kentucky Reservoir, TVA has proactively managed the natural resources on many of the adjacent lands as well as in the reservoir fluctuation zone and embayments. Historically, TVA managed the forests on a majority of these tracts and prescribed forestry management methodologies such as timber stand improvement cuttings, timber salvage as a result of storm damage, prescribed burns (primarily in pine stands), and tree plantings. Additionally, some forest clearings were created to provide additional wildlife habitat. TVA also maintained many miles of forest roads to allow enhanced access to the public for outdoor recreation and to facilitate natural resource management objectives.

Since 1959, TVA has cooperated with the TWRA to manage three of the dewatering units (Big Sandy, Camden, and West Sandy) for timber protection, farmland protection and crop production, and wildlife management, especially waterfowl management. The Busseltown and Duck River dewatering units are under a management agreement with the USFWS as part of the Tennessee National Wildlife Refuge (TNWR).

Beginning in the early 1980's and continuing through the mid-1990s, TVA enhanced fish and wildlife habitat along the shorelines and in the fluctuation zone of Kentucky Reservoir by planting bald cypress trees, buttonbush, and other wetland plant species. Some of these plantings were in cooperation with TWRA and KDFWR. Additionally, TVA has collaborated with both TWRA and KDFWR to install fish attractors in most of the embayments of Kentucky Reservoir.

Since the early 1990s, TVA has established and maintained several hundred acres of native warm season grasses and forbs, including wildflowers, in an effort to enhance habitat for early successional wildlife species. TVA in conjunction with agricultural licensees has converted fescue hay fields to native vegetation enhancing the value of those lands to wildlife. TVA has promoted wildlife nesting boxes and platforms for species such as bluebirds, wood ducks, ospreys, and eagles. Early efforts at hacking juvenile eaglets in the Southeast were conducted at LBL.

In the early 2000's, two resource management unit plans were developed to guide the natural resource management of two large contiguous tracts of land. The Harmon Creek (TVA 2000) and Bear Creek (TVA 2002) management unit plans outlined a scope for 25 years of natural

resource management covering such activities as timber management, wildlife habitat enhancements, enforcement, forest road maintenance, and public use management.

TVA has stabilized shoreline areas with severely eroding banks containing archaeological resources and critically eroding island areas. In addition, TVA monitors and protects sensitive species on TVA lands and within the waters of Kentucky Reservoir. Through the years, TVA has also identified and protected unique and/or sensitive lands through the natural areas program. Several of these projects were in partnership with the USFWS, KDFWR, and Kentucky Nature Preserves Commission.

TVA has increased public access along the Kentucky Reservoir shoreline for boat launching and shoreline fishing. Some of these efforts were in partnership with TWRA, KDFWR, and local governments. Boat-launching ramps, parking lots, courtesy docks, and fishing piers have been constructed at various locations as part of this effort.

2.3.2 Tennessee National Wildlife Refuge

TNWR was established on December 28, 1945, by President Harry S. Truman, who signed EO 9670, designating the area "for the use of the Department of the Interior as a refuge and wildlife management area for migratory birds and other wildlife." On December 29, 1945, TVA and the Department of the Interior entered into agreement with respect to the lands that were to be reserved and used as the wildlife refuge. TNWR's primary management objective is to provide food and protection for waterfowl. Additional information about TNWR can be found on the USFWS Web site <http://www.fws.gov/tennesseerefuge/>.

2.3.3 Dewatering Units

TVA operates, either alone or in partnership, six dewatering units on Kentucky Reservoir. These areas were developed as part of a long-term approach to mosquito control and were operated primarily for that purpose until the 1970s when TVA began reducing its mosquito control efforts. Additional factors in the design, development, and operation of dewatering units included providing food and habitat for wildlife, protecting bottomland hardwoods, making land available for farming, and avoiding expensive slope protection for relocated highways and railways. As TVA reduced its mosquito control activities, these other benefits began to increase in value. TVA entered into agreements with federal and state agencies for the management and cost sharing of operation and maintenance of these areas. The continued operation of the dewatering units provides environmental and economic benefits to the Region.

Of the original dewatering projects constructed on Kentucky Reservoir, the Perryville project is managed by TVA. Big Sandy, Camden, and West Sandy are managed principally by TVA but in partnership with TWRA. The Busseltown and Duck River projects are located within the TNWR and principally managed by the USFWS. In 2012, TVA decommissioned the Gumdale project, and the East Perryville project has been abandoned.

2.3.3.1 Big Sandy Dewatering Unit

The Big Sandy Dewatering Unit consists of approximately 2,942 acres of TVA land which were originally designed, constructed, and operated for mosquito control, cropland, and management of bottomland hardwoods. Included within those acres, the Big Sandy Dewatering Unit has approximately 21,000 linear feet of levees (with originally designed crest elevation of 363 feet msl); a pump house; and an estimated 8.6 miles of internal drainage ditches or canals.

The pump house at Big Sandy Dewatering Unit consists of two pumps and electric motors that provide a total original pumping capacity of 30,000 gallons per minute (gpm), two flap gates, two sluice gates, and one concrete discharge culvert.

Typically, the sluice gates are opened in mid-February to allow the impoundment to dewater down from an elevation of about 358.5 feet msl to the reservoir's winter pool elevation of around 354 feet msl. This level is maintained until the first of May when pumping begins to draw down the impoundment for a summer-time elevation of around 350 feet msl. In mid-October, pumping is discontinued and the impoundment is allowed to fill to the approximate elevation of 358.5 feet msl by around the first of December through the opening of the sluice gates and rainfall.

2.3.3.2 Busseltown Dewatering Unit

The Busseltown Dewatering Unit is considered part of the TNWR and is managed solely by the USFWS. There are four impoundments on the Busseltown Dewatering Unit totaling 300 acres. The drawdown of these impoundments generally occurs in early March. Fall filling of most of the dewatering unit occurs by rainfall. A few small impoundments are typically filled by the use of portable pumps.

2.3.3.3 Camden Dewatering Unit

The Camden Dewatering Unit consists of approximately 3,937 acres of TVA land which were originally designed, constructed, and operated for mosquito control, protection of relocated road and railway embankments, cropland, and management of bottomland hardwoods. Since 1956, it has been managed for migratory waterfowl through a cooperative agreement with TWRA. The

Camden Dewatering Unit is important to the overall management of Kentucky Reservoir sites due primarily to its large acreage of waterfowl food crops; its importance for waterfowl hunting; and a contractual obligation that requires TVA to provide protection of the relocated railroad. It provides nearly 1,000 acres of agricultural cropland, of which approximately 300 acres are left unharvested for winter migratory waterfowl and wildlife. The Camden Dewatering Unit is recognized as one of Tennessee's premier waterfowl hunting areas with over 2,000 annual entries in the lottery for 47 duck blind sites.

In addition, the Camden Dewatering Unit contains approximately 34,200 linear feet of constructed levees with an originally designed top elevation of 364 feet; a spillway at an elevation of 363 feet; approximately 13.2 miles of internal drainage ditches or canals; and a pumping station. The pump house consists of three pumps and electric motors, which provide the total original pumping capacity of 145,000 gpm, three flap gates, two sluice gates, and three concrete discharge culverts. Typically, spring drawdown at the Camden Dewatering Unit begins around March 15 with the impoundment water elevation around 354 feet msl and continues until early April when the water elevation is pumped to between 345- and 347 feet msl. This elevation is maintained until the beginning of November when pumping is discontinued and the impoundment fills to the approximate target elevation of 355.5 feet msl by the first part of December.

2.3.3.4 Duck River Dewatering Unit

The Duck River Dewatering Unit is considered part of the TNWR and is managed solely by the USFWS. The drawdown of these impoundments generally occurs in early March. Fall filling of most of the unit occurs by rainfall. A few small impoundments are typically filled by the use of portable pumps.

2.3.3.5 East Perryville Dewatering Unit

A large flood event over 20 years ago resulted in a breached levee at the East Perryville Dewatering Unit. Currently, there is no intent to return the project to operation. The pump house remains in place and is accessed through the Mousetail Landing State Park. Some wildlife management activities were implemented during the late 1980s and early 1990s on the project lands but the site has since reverted to a natural state.

2.3.3.6 Gumdale Dewatering Unit

In February 2012, TVA breached the Gumdale levee and removed the pump house structure. After the pump house was demolished and the levee breached, the entire area of disturbance was graded to provide a public use area and fishing berm.

2.3.3.7 Perryville Dewatering Unit

The Perryville Dewatering Unit consists of approximately 3,200 linear feet of constructed levee, 3.4 miles of drainage ditches, and a pumping station located within approximately 344 acres of land. Approximately 250 acres of this area is dewatered. Like the other dewatering units on the Kentucky Reservoir, Perryville is currently operated for fishing and hunting benefits through the manipulation of its sluice gates only. In 2001, TWRA requested this land be removed from their Wildlife Management responsibilities because of the limited wildlife benefits provided by this small project. The pump station and spillway are located adjacent to the Beech River Campground, currently managed by Decatur County, Tennessee.

2.3.3.8 West Sandy Dewatering Unit

The West Sandy Dewatering Unit consists of approximately 6,373 acres TVA land which were originally designed, constructed, and operated for mosquito control, cropland, and management of bottomland hardwoods. The West Sandy Dewatering Unit has approximately 3,600 linear feet of levees, with originally designed crest elevation of 365-feet msl; a pump house; and almost 32 miles of internal drainage ditches or canals. Four major tributaries drain the dewatering unit's 92,200-acre watershed. These tributaries must pass through the West Sandy project and pump station before entering Kentucky Reservoir. It is also believed that numerous springs exist within the West Sandy project and watershed area because tributary flow is persistent even during extremely dry conditions.

The pump house at the West Sandy Dewatering Unit consists of six pumps and electric motors, which provide a total original pumping capacity of 250,000 gpm, six flap gates, four sluice gates, and four concrete discharge culverts. Typically, the spring drawdown at the West Sandy Dewatering Unit begins around the first of April with the impoundment water elevation around 354-feet msl and continues to until mid-April when the water elevation is pumped to between 345- and 347-feet msl. This elevation is maintained until late October when pumping is discontinued and the impoundment fills to the approximate target elevation of 356-feet msl by around the middle of November. The area continues to fill more slowly until it reaches a desired winter elevation of around 358-feet msl. The water elevation within the impoundment is

maintained at this level until mid-February when the sluice gates are opened again to equalize the water level with that of Kentucky Reservoir’s winter pool level, approximately 354-feet msl.

2.3.4 Embankment Protection Plantings

During construction of Kentucky Dam, TVA determined the impoundment would flood some highways and railroads, and this critical infrastructure was relocated. TVA relocated portions of the roads across bottomland areas. The relocated roads were constructed at such an elevation to avoid flooding during reservoir flood control operations. However, the floodwaters would abut the road rights-of-way (ROWs) and associated embankments. During flood events, there was a potential to incur wind-induced wave action on the embankments, which could result in erosion damages to these structures. Trees were planted along the embankments to reduce the wind velocity.

Tree planting was initiated in 1942 and concluded in 1946. During this short period, over two million trees, including replacements, were planted across 64 projects. This tree-planting effort spanned across 1,055 acres (Table 2-18). The plantations ranged in size from 0.5 acre to approximately 70 acres. The tree species planted were bald cypress, green ash, northern white-cedar, Atlantic white-cedar, yellow poplar, loblolly pine, water tupelo, sweet gum, white ash, red maple, cottonwood, water oak, willow oak, nuttall oak, overcup oak, sycamore, and red mulberry. Species selection was based relative water tolerance to endure flood events. Since 1946, these plantings have been largely undisturbed.

Table 2-18. Summary of Embankment Protection Planting Efforts

Tree Species	Measureable Acreage	Number of Projects Species Planted
Atlantic white-cedar	30	15
Bald cypress	450	63
Cottonwood	55	24
Green ash	400	64
Loblolly pine	70	27
Mulberry	4	2
Northern white-cedar	5	11
Nuttall oak	1	2
Overcup oak	10	5
Red maple	40	14
Sweetgum	155	55
Sycamore	25	24

Tree Species	Measureable Acreage	Number of Projects Species Planted
Water oak	20	16
Water tupelo	135	31
White ash	50	28
Willow oak	30	17
Yellow-poplar	35	18

2.3.5 Land Between the Lakes

LBL is a 170,000-acre outdoor recreation and environmental education area in west Kentucky and Tennessee. The area was established in 1963 when President John F. Kennedy assigned TVA a mission to demonstrate how an area (known then as “between the rivers”) with limited timber, agricultural, and industrial resources could be converted into a recreation asset that would stimulate economic growth in the region. The President's rationale was that a recreation area within the region would attract large numbers of visitors that, in turn, would stimulate the regional economy through tourist spending. With that authorization and congressional funding for land purchase in 1964, TVA began the task of developing LBL. TVA subsequently developed LBL into a national recreation and environmental education demonstration area because of the national and regional need for environmental awareness and sound resource management examples on public lands (TVA 1994). On April 1, 1998, the Land Between the Lakes Protection Act of 1998 (LBL Act) was enacted. The LBL Act transferred the administrative jurisdiction of LBL from TVA to the U.S. Forest Service effective October 1, 1999. Additional information about LBL can be found at www.lbl.org.

2.3.6 Trail of Tears National Historic Trail

Trail of Tears National Historic Trail was designated by the U.S. National Park Service to commemorate the 1838 historic passage of thousands of Indians from their homelands in the Southeast to Indian Territory in the West to what is now Oklahoma. Many people perished during this journey. There are land and water components of the trail crossing through Tennessee River in Benton, Hardin and Humphreys counties. The Trail's overland portion was reconstructed from historical research and some field verification; therefore TVA may not know the exact locations of overland portions. The water component used by canoe spans the length of the Tennessee River from Pickwick Dam Reservation to Kentucky Dam Reservation. The land component of the trail crosses the Tennessee River at Savannah, Tennessee and also

may cross the Tennessee River on TVA land just north of Johnsonville State Historic Park on Kentucky Reservoir.

2.4 Future Management of Reservoir Lands

Varying types of land management or conservation techniques coupled with development could occur along Kentucky Reservoir mostly due to the overall size of the reservoir. The implementation of the NRP would drive the types of programs conducted on TVA lands set aside due to natural or sensitive resources. Business opportunity, overall economy, local incentives, and community planning practices are factors that could contribute to the types of industry locating or expanding along the reservoir. Recreation demand is driven by population levels, recreation participation rates, changing preferences for different types of recreation, and innovations in recreation equipment. Residential development is often times opportunistic; however, the lands set aside for such use are based on the types of property rights conveyed by TVA upon sale of the property. The TVA lands managed by other federal, state, or local agencies would most likely continue to do so in a similar manner.

CHAPTER 3. LAND PLANNING PROCESS

3.1 Process for Planning Land

The reservoir land management planning process involves allocation of reservoir land to seven defined land use zones, six of which are comprised of property owned by TVA in fee. The term “land use zone” refers to a descriptive set of criteria given to distinct areas of land based on location, features, and characteristics. The land use zone definitions listed in Table 3-1 are identical to those listed in the NRP. The definition of a land use zone corresponds with how TVA will manage land in that zone, and allocation of a parcel to a particular land use zone identifies that land for specific uses. Implementation of an RLMP minimizes conflicting land uses and makes it easier to handle requests for use of public land.

This final RLMP was developed by a team of land managers and technical experts from TVA, knowledgeable about the reservoir and its resources. The planning team makes land use decisions by integrating public needs, environmental conditions, economic benefits, state and federal rules and regulations, and the original congressional intent of the Kentucky Reservoir project. The process includes information from resource data, computer analysis, the public, other agencies, and knowledgeable TVA staff. This final RLMP is consistent with the strategic direction of the NRP and the objectives of the CVLP. Furthermore, the categorization and management of TVA-owned Shoreline Access land along Kentucky Reservoir tiers from the SMI EIS (TVA 1998).

The planning process is completed once TVA conducts an environmental review of the final RLMP as well as reasonable alternatives, in compliance with NEPA. This process allows the public and intergovernmental partners to review TVA’s allocations and provide input.

Prior to proposing parcel allocations, the TVA planning team reviewed the characteristics of each parcel (i.e., location and existing conditions). TVA also reviewed deeds to land previously sold to private entities to identify existing shoreline access rights. In addition, the planning team honored existing commitments associated with long-term contractual agreements—that is, existing leases and easements. The planning team determined the need for field reviews for uncommitted parcels based on data from the TVA Natural Heritage database; the planning team and subject matter experts then conducted field reviews on a portion of the TVA natural areas.

Next, the planning team placed land with known sensitive resources in the Sensitive Resource Management zone. The planning team allocations of remaining parcels based on reservoir planning objectives and public input. When developing the final RLMPs, the planning team identified allocations of reservoir parcels to one of seven planning zones using the zone definitions listed below in Table 3-1.

Table 3-1. Land Use Zone Definitions

Zone	Definition
<p>Zone 1 Non-TVA Shoreland</p>	<p>Shoreland that TVA does not own in fee. This land may be privately owned or owned by a governmental entity other than TVA. Uses of this non-TVA land may include residential, industrial, commercial, and/or agricultural. In many instances, TVA may have purchased the right to flood and/or limit structures on this non-TVA land (i.e., flowage easement). TVA's permitting authority under Section 26a of the TVA Act applies to construction of structures on non-TVA shoreland.</p> <p>Non-TVA shoreland allocations are based on deeded rights and, therefore, will not change as a result of the lands planning process. This category is provided to assist in comprehensive evaluation of potential environmental impacts of TVA's allocation decision.</p>
<p>Zone 2 Project Operations</p>	<p>Land currently used, or planned for future use, for TVA operations and public works projects, including:</p> <ul style="list-style-type: none"> • Land adjacent to established navigation operations — Locks, lock operations and maintenance facilities, and the navigation work boat dock and bases. • Land used for TVA power projects operations — Generation facilities, switchyards, and transmission facilities and ROWs. • Dam reservation land — Areas acquired and managed for the primary purpose of supporting the operation and maintenance of TVA dams and associated infrastructure; secondary uses may also include developed and dispersed recreation, maintenance facilities, miscellaneous TVA field offices, research areas, and visitor centers. • Navigation safety harbors/landings — Areas used for tying off commercial barge tows and recreational boats during adverse weather conditions or equipment malfunctions. • Navigation dayboards and beacons — Areas with structures placed on the shoreline to facilitate navigation. • Public works projects — Includes ROWs for public utility infrastructure, such as sewer lines, water lines, transmission lines, and major highway projects.
<p>Zone 3 Sensitive Resource Management</p>	<p>Land managed for protection and enhancement of sensitive resources. Sensitive resources, as defined by TVA, include resources protected by state or federal law or executive order and other land features/natural resources TVA considers important to the area viewscape or natural environment.</p> <p>Recreational natural resource activities, such as hunting, wildlife observation, and camping on undeveloped sites, may occur in this zone, but the overriding focus is protecting and enhancing the sensitive resource the site supports. Areas included are:</p> <ul style="list-style-type: none"> • TVA-designated sites with potentially significant archaeological resources. • TVA public land with sites/structures listed in or eligible for listing in the National Register of Historic Places.

Zone	Definition
	<ul style="list-style-type: none"> • Wetlands — Aquatic bed, emergent, forested, and scrub-shrub wetlands as defined by TVA. • TVA public land under easement, lease, or license to other agencies/individuals for resource protection purposes. • TVA public land fronting land owned by other agencies/individuals for resource protection purposes. • Habitat protection areas — These TVA natural areas are managed to protect populations of species identified as threatened or endangered by the U.S. Fish and Wildlife Service, state-listed species, and any unusual or exemplary biological communities/geological features. • Ecological study areas — These TVA natural areas are designated as suitable for ecological research and environmental education by a recognized authority or agency. They typically contain plant or animal populations of scientific interest or are of interest to an educational institution that would utilize the area. • Small wild areas — These TVA natural areas are managed by TVA or in cooperation with other public agencies or private conservation organizations to protect exceptional natural, scenic, or aesthetic qualities that can also support dispersed, low-impact types of outdoor recreation. • River corridor with sensitive resources present — A river corridor is a segment of a river and the adjacent land along the banks. River corridors often consist of a linear green space of TVA land serving as a buffer to tributary rivers entering a reservoir. These areas will be included in Zone 3 when identified sensitive resources are present. • Significant scenic areas — Areas designated for visual protection because of their unique vistas or particularly scenic qualities. • Champion tree site — Areas designated by TVA as sites that contain the largest known individual tree of its species in that state. The state forestry agency “Champion Tree Program” designates the tree, while TVA designates the area of the sites for those located on TVA public land. • Other sensitive ecological areas — Examples of these areas include heron rookeries, uncommon plant and animal communities, and unique cave or karst formations.
<p style="text-align: center;">Zone 4 Natural Resource Conservation</p>	<p>Land managed for the enhancement of natural resources for human use and appreciation. Management of resources is the primary focus of this zone. Appropriate activities in this zone include hunting, timber management to promote forest health, wildlife observation, and camping on undeveloped sites. Areas included are:</p> <ul style="list-style-type: none"> • TVA public land managed for wildlife or forest management projects. • TVA public land under easement, lease, or license to other agencies for wildlife or forest management purposes. • TVA public land fronting land owned by other agencies for wildlife or forest management purposes. • Dispersed recreation areas maintained for passive, dispersed recreation activities, such as hunting, hiking, bird watching, photography, primitive camping, bank fishing, and picnicking. • Shoreline conservation areas — Narrow riparian strips of vegetation between the water’s edge and TVA’s back-lying property that are managed for wildlife, water quality, or visual qualities. • Wildlife observation areas — TVA natural areas with unique concentrations of easily observed wildlife that are managed as public wildlife observation areas.

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Zone	Definition
	<ul style="list-style-type: none"> • River corridor without known sensitive resources present — A river corridor is a linear green space along both stream banks of selected tributaries entering a reservoir managed for light boat access at specific sites, riverside trails, and interpretive activities. River corridors will be included in Zone 4 unless sensitive resources are present (see Zone 3). • Islands where sensitive resources are not known to be present of which support existing development.
<p>Zone 5 Industrial</p>	<p>Land currently used, or planned for future use, for economic development, including businesses in distribution/processing/assembly and manufacturing. Preference will be given for businesses requiring water access. There are two primary types of uses for TVA land allocated for Industrial: (1) access for water supply or structures associated with navigation such as barge terminals, mooring cells, etc., or (2) land-based development potential.</p> <p>Areas included are:</p> <ul style="list-style-type: none"> • TVA public land under easement, lease, or license to other agencies/individuals/entities for industrial purposes. • TVA public land fronting land owned by other agencies/individuals/entities for industrial purposes. <p>In some cases, TVA land allocated to industrial use would be declared surplus and sold at public auction.</p> <p>Types of development that can occur on this land are:</p> <ul style="list-style-type: none"> • Industry — Manufacturing, fabrication, and distribution/processing/assembly involving chemical, electronics, metalworking, plastics, telecommunications, transportation, and other industries. Industry does not include retail or service-based businesses. • Industrial access — Access to the waterfront by back-lying property owners across TVA property for water intakes, wastewater discharge, or conveyance of commodities (i.e., pipelines, rail, or road). Barge terminals are associated with industrial access corridors. • Barge terminal sites — Public or private facilities used for the transfer, loading, and unloading of commodities between barges and trucks, trains, storage areas, or industrial plants. • Fleeting areas — Sites used by the towing industry to switch barges between tows or barge terminals that have both offshore and onshore facilities. • Minor commercial landing — A temporary or intermittent activity that takes place without permanent improvements to the property. These sites can be used for transferring pulpwood, sand, gravel, and other natural resource commodities between barges and trucks.
<p>Zone 6 Developed Recreation</p>	<p>Land currently used, or planned for future use, for concentrated, active recreational activities that require capital improvement and maintenance of developed infrastructure, including:</p> <ul style="list-style-type: none"> • TVA public land developed for recreational purposes, such as campgrounds, day use areas, etc. • TVA public land under easement, lease, or license to other agencies/individuals/entities for developed recreational purposes. • TVA public land fronting land owned by other agencies/individuals/entities for developed recreational purposes. <p>Residential use, long-term accommodations, and/or individually owned units are not permitted on land allocated for developed recreation. Types of development that can occur on this land are:</p>

Zone	Definition
	<ul style="list-style-type: none"> • Public recreation — Recreation amenities developed and owned by a public agency that are open to the public. Public recreation areas may have varying levels of development, ranging from a water access site (e.g., launching ramp) to a marina facility. Facilities at public recreation areas could include playgrounds/play structures, picnic facilities, tennis courts, horseshoe areas, play courts, recreation centers, trails, greenways, natural areas, amphitheaters, food concessions (vending, snack bar), access to water for fishing and boating, swimming areas and swimming pools, launching ramps, courtesy piers, canoe access, marina facilities owned by the public entity, parking, and campgrounds. Cabins or other overnight accommodations (other than campgrounds) are only permitted if the public recreation area is operated by a state or state agency as a component of a state park system. • Public recreation areas and facilities are typically owned and operated by the federal, state, county, or local government. However, private entities may operate recreation facilities on public recreation land as concessionaires under agreement with the public entity controlling the property. The use of the facilities may be offered free or for a fee. Time-forward, public-private partnerships where facilities are owned by private investors will not be approved on public recreation land. All structures and facilities should be owned by the public entity. • Commercial recreation — Recreation amenities that are provided for a fee to the public intending to produce a profit for the private owner/operator. These primarily water-based facilities typically include marinas and affiliated support facilities such as stores, restaurants, campgrounds, and cabins and lodges. Where applicable, TVA will require appropriate compensation for the commercial use of the property.
<p>Zone 7 Shoreline Access</p>	<p>TVA-owned land where Section 26a applications and other land use approvals for residential shoreline alterations are considered in accordance with TVA's Shoreline Management Policy. Types of development/management that may be permitted on this land are:</p> <ul style="list-style-type: none"> • Residential water use facilities, e.g., docks, piers, launching ramps/driveways, marine railways, boathouses, enclosed storage space, and nonpotable water intakes. • Shoreline access corridors, e.g., pathways, wooden steps, walkways, or mulched paths that can include portable picnic tables and utility lines. • Shoreline stabilization, e.g., bioengineering, riprap, gabions, and retaining walls. • Shoreline vegetation management.

In developing final RLMPs, TVA allocated lands currently committed to a specific use to a zone compatible with that use unless there was an overriding need to change the use. Some committed land uses are determined by the covenants and provisions of easements, leases, sale, and/or transfer agreements. Committed lands include the following: properties where TVA has granted landrights (easements, leases, etc.) for specific uses, properties where TVA has previously identified resources in need of protection, Project Operations lands (transmission lines, dam reservations, public infrastructure, etc.), and lands fronting wildlife management areas. Possible reasons to change a committed land use would be to honor existing shoreline

access rights and/or prevent or remedy ongoing adverse impacts resulting from the actions of a licensee or easement holder.

Approximately 38,982 acres (52 percent) of the TVA land surrounding Kentucky Reservoir are committed due to existing agreements, TVA operations and other public infrastructure projects. Agricultural licenses are not considered as committed uses because they are an interim use of TVA land.

Approximately 35,731 acres (48 percent) of the TVA land surrounding Kentucky Reservoir is uncommitted. The planning team collected data on many uncommitted parcels to identify areas containing sensitive resources. Representatives from various TVA organizations met to propose how these uncommitted lands should be allocated into the seven planning zones. The location of known and potentially sensitive resources was used in determining the best potential use for each parcel of land.

For more information on the land planning process and development of Alternative B – Proposed Land Use Plan Alternative, see Volume I, Sections 1.5 and 2.4 of the EIS.

3.2 Kentucky Reservoir Land Planning Goal and Objectives

The NRP established long-term land planning goals and objectives. While these goals and objectives were established to guide planning decisions across the Valley, these same goals and objectives can be applied when planning specific reservoirs.

Goal

TVA will strive to continue to balance shoreline development, recreational use, sensitive and natural resource management, industrial use and other land uses in a way that maintains the quality of life and other important values across the region.

Objectives

- Apply a systematic method of evaluating and identifying the most suitable uses of TVA public lands using resource data, stakeholder input, suitability and capability analyses, and TVA staff input.
- Identify land use zone allocations to optimize public benefit and balance competing demands for the use of public lands.

- Identify land use zone allocations to support TVA’s broad regional resource development mission. TVA reservoir properties are managed to provide multiple public benefits, including recreation, conservation, and economic development.
- Provide a clear process by which TVA will respond to requests for use of TVA public land.
- Comply with applicable federal regulations and executive orders.
- Enhance the protection of significant resources, including threatened and endangered species, cultural resources, wetlands, unique habitats, natural areas, water quality, and the visual character of the reservoir.
- Provide a mechanism that allows local, state, and federal infrastructure projects when the use is compatible with the zone allocation.

3.3 Parcel Allocations

TVA’s land planning process (Section 3.1) along with the goals and objectives specific to Kentucky Reservoir (Section 3.2) were used to develop this final RLMP. Through this process, TVA proposed allocations of each reservoir parcel to one of the seven planning zones, as indicated in Table 3-2.

Table 3-2. Summary of Land Use Allocations for Kentucky Reservoir Land Management Plan

Allocation Designation		Number of Parcels	Acres
Zone 2	Project Operations	54	1,294.8
Zone 3	Sensitive Resource Management	50	5,281.1
Zone 4	Natural Resource Conservation	199	55,314.2
Zone 5	Industrial	13	2,075.4
Zone 6	Developed Recreation	110	5,006.7
Zone 7	Shoreline Access	152	5,741.4
Total		578	74,713.6

Figure 3-1 represents the percent of land acreage on Kentucky Reservoir allocated to each land use zone under the final RLMP. The location of TVA allocated land on Kentucky Reservoir is shown in Figure 3-2 and in Appendix A.

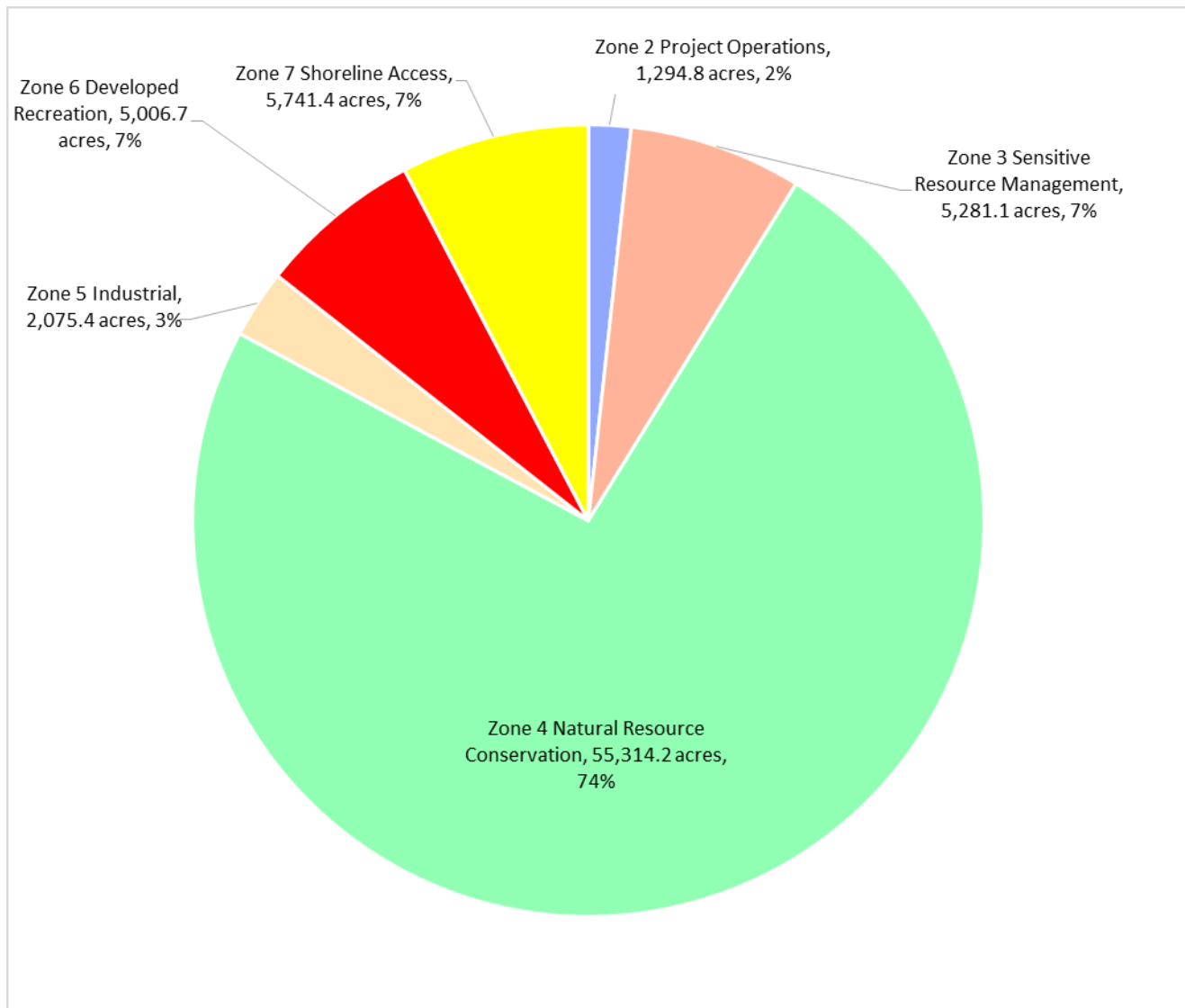


Figure 3-1. Percent of Kentucky Reservoir Acreage Allocated by Zone

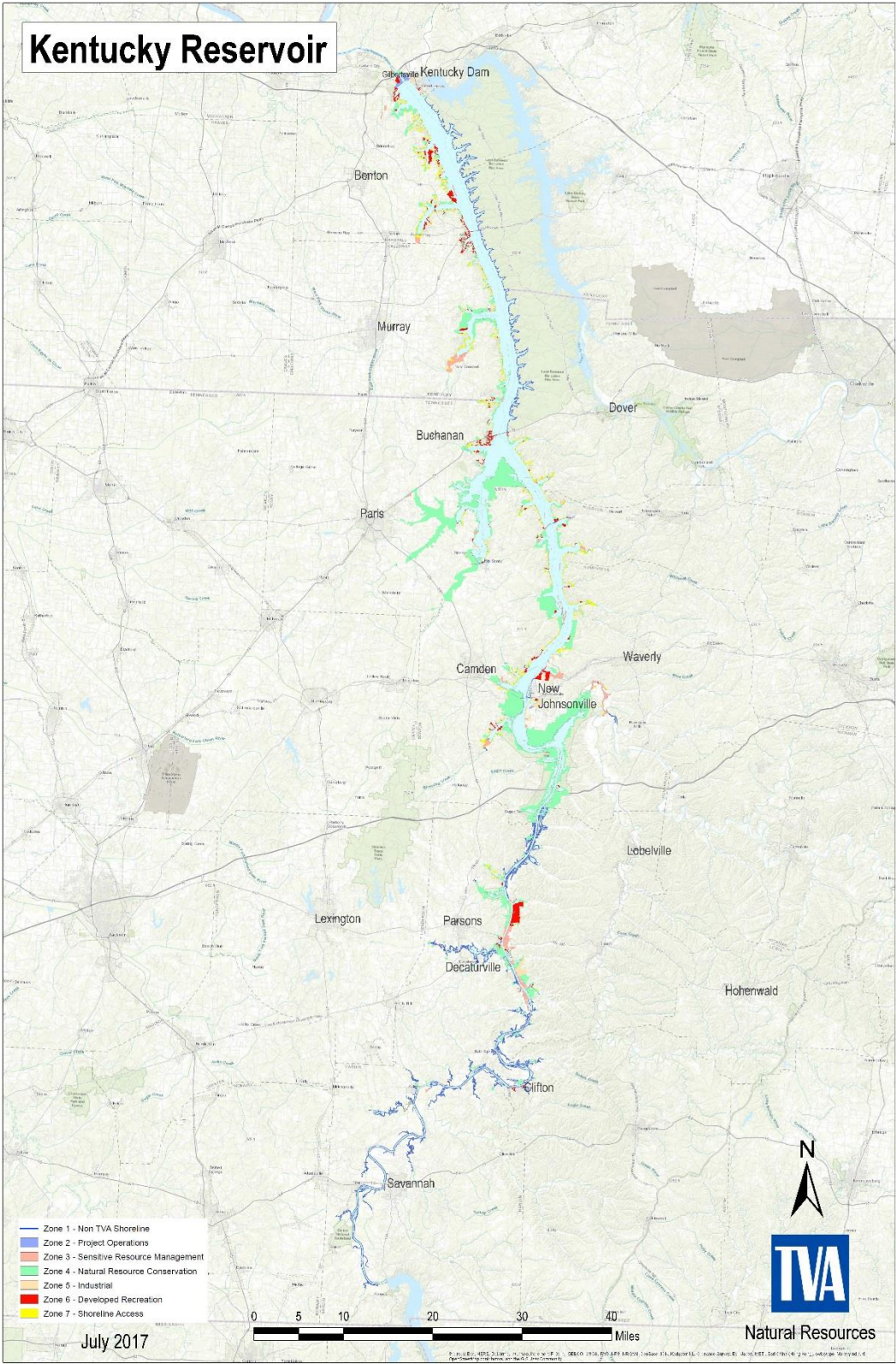


Figure 3-2. TVA Allocated Land on Kentucky Reservoir

A detailed description of each zone and the identification of the land zoned by each category is presented below.

- **Zone 2 (Project Operations).** Zone 2 encompasses all TVA land currently used for TVA operations and public works projects such as roadways, water lines, and transmission lines. Under the final RLMP, approximately 1.7 percent (1,294.8 acres) of TVA owned land on Kentucky Reservoir is allocated to Zone 2. The largest parcel allocated as Zone 2 is Kentucky Dam Reservation which also contains the powerhouse and associated access roads, transmission lines and substations; navigation lock and associated access roads and mooring cells; roads; highways; railroads; and boat-launching ramp. Kentucky Dam is a historically significant structure and eligible for listing on the NRHP.
- **Zone 3 (Sensitive Resource Management).** Zone 3 lands are managed for protection and enhancement of sensitive resources. Sensitive resources, as defined by TVA, include resources protected by state or federal law or executive order and other land features and/or natural resources TVA considers important to the area viewscape or natural environment. Under the final RLMP, approximately 7.1 percent (5,281.1 acres) of the TVA land on Kentucky Reservoir is allocated to Zone 3. The parcels included in this allocation represent areas where high-quality wetland habitat, wildlife habitat, scenic buffers, or cultural and historic resources are known to be present. The largest parcel allocated to Zone 3, Parcel 446, consists of 1,071.7 acres and contains three TVA-designated natural areas: McCuiston Woods Small Wild Area, Panther Creek Swamp Habitat Protection Area, and the newly proposed Blood River Habitat Protection Area.
- **Zone 4 (Natural Resource Conservation).** Lands allocated to Zone 4 are managed for the enhancement of natural resources for human use and appreciation. Management of resources is the primary focus of this zone. Appropriate activities on parcels allocated to Zone 4 include hiking, wildlife observation, fishing, hunting, timber management to promote forest health, and camping on undeveloped sites. Under the final RLMP, most of the TVA land (55,314.2 acres or 74 percent) is allocated to Zone 4. The largest parcel allocated as Zone 4 is Parcel 101, which is 23,758.3 acres and contains all lands considered as part of the TNWR which is managed by the USFWS. Other large parcels, such as Parcels 354, 375 and 266, encompass dewatering units and other land that are managed by TVA and/or other agencies.

- **Zone 5 (Industrial).** Lands allocated as Zone 5 are managed for economic development including businesses in distribution/processing/assembly and light manufacturing. Under the final RLMP, approximately 2.8 percent of TVA land (2,075.4 acres) around this reservoir is allocated to Zone 5. Lands allocated to this zone reflect existing industrial uses or those that would be suitable for future industrial use. For example, Parcel 139 (701.4 acres) is undeveloped deciduous forest, but is well-served by existing infrastructure and back-lying property has been cleared for timber. Groupings of islands protect the shoreline and would provide a natural safety harbor for the transportation of goods associated with an industrial site. Any request for development of this property would require a site-specific environmental review conducted prior to any ground disturbance.
- **Zone 6 (Developed Recreation).** Lands allocated as Zone 6 is currently used or planned for recreational purposes, such as boat-launching ramps, campgrounds, marinas, or parks. For example, Parcel 121 comprises 1,191.1 acres and is developed as Mousetail Landing State Park. The park is managed by the State of Tennessee and facilities at the park include a visitor center, trails, campground, picnic areas, swimming beach, and shoreline fishing facilities. Parcel 90 includes 525.9 acres and is managed by the State of Tennessee as a part of Johnsonville State Historic Park. Management emphasis is on the protection and interpretation of historical and cultural features. Visitor accommodations include an interpretive center, museum, picnic facilities and trails. A section of this parcel is leased to Pebble Isle Marina for commercial recreation purposes. Under the final RLMP, approximately 6.7 percent of TVA land on this reservoir (5,006.7 acres) is allocated to Zone 6.
- **Zone 7 (Shoreline Access).** Lands allocated to Zone 7 comprises 5,741.4 acres (7.7 percent) of the shoreland on Kentucky Reservoir. Zone 7 lands are TVA-owned lands where Section 26a applications and other land use approvals for private water use facilities are considered. Requests for private water use facilities are considered on parcels identified in this zone where such use was previously considered, and/or where the back-lying landowner possesses deeded rights of access, and where the proposed use would not conflict with the interests of the public.

These allocation percentages vary somewhat from TVA's estimates for land use allocations on Kentucky Reservoir contained in the CVLP allocations developed in 2011. At the time, TVA

anticipated that some parcels of land may be better allocated to different land use zones. As discussed in Volume I of the EIS, TVA proposes to update the target allocation ranges of the CVLP based on the eight final RLMPs and to recalibrate the CVLP in the future with the periodic updates to the NRP. Table 3–3 compares the results of this land planning effort with the CVLP estimates made by TVA in 2011 for Kentucky Reservoir.

Table 3-3. Kentucky Reservoir Land Management Plan and 2011 CVLP Estimates for Kentucky Reservoir

Allocation Designation		Kentucky Reservoir Land Management Plan	2011 CVLP Estimates for Kentucky Reservoir
Zone 2	Project Operations	1.7%	1%
Zone 3	Sensitive Resource Management	7.1%	2%
Zone 4	Natural Resource Conservation	74.0%	84%
Zone 5	Industrial	2.8%	2%
Zone 6	Developed Recreation	6.7%	5%
Zone 7	Shoreline Access	7.7%	6%

For the following reasons, this final RLMP allocates a greater number of lands to all land use zones except Zone 4 (Natural Resource Conservation). A smaller number of acres are allocated to Zone 4 (Natural Resource Conservation) than estimated in the 2011 CVLP. These lands have been placed into the more appropriate designations, as discussed below:

Zone 2 (Project Operations)

TVA relocated a great number of highways during the development of Kentucky Dam. Portions of these highways remain on TVA lands with easements to the appropriate managing agency. The amount of lands encumbered with roadways was underestimated by TVA when it developed its CVLP in 2011. In the final RLMP, these parcels are allocated to Zone 2, which results in an increase of Zone 2 lands.

Zone 3 (Sensitive Resource Management)

The greatest change from the 2011 CVLP and this final RLMP occurs within the Zone 3 designation, in part because TVA obtained additional information on sensitive cultural resources during this planning effort. TVA allocated uncommitted lands with a high potential for the presence of cultural resources to Zone 3. In addition, the uncommitted lands adjacent to the Duck River are placed in the Zone 3 category due to the world-renowned uniqueness of

the water body (additional information about the Duck River can be found on the State of Tennessee's Web site, http://www.state.tn.us/environment/tn_consv/archive/duckriver.htm). These changes resulted in an increase of lands allocated to Zone 3.

Zone 4 (Natural Resource Conservation)

TVA allocated a greater number of lands to the Zone 4 category. These lands were previously allocated for Zone 3 (Sensitive Resource Management) or Zone 6 (Developed Recreation) in the 2011 CVLP.

Zone 5 (Industrial)

After reviewing the availability of public infrastructure and the presence of known sensitive resources, several small tracts of land previously allocated to Zone 5 were determined to be no longer suitable for future industrial development and were reallocated. However, a large tract of land has been set aside for future industrial use under the final RLMP, which resulted in the increased acreage in the Zone 5 category.

Zone 6 (Developed Recreation)

The 2011 CVLP did not allocate all of the small boat-launching ramps managed by other agencies to Zone 6. TVA reviewed these allocations and reallocated these small areas to Zone 6 to reflect their current and intended use, which resulted in an increase to Zone 6 property.

Zone 7 (Shoreline Access)

In developing its CVLP in 2011, TVA also underestimated the amount of former TVA property encumbered with shoreline access rights. The final RLMP increased the amount of lands allocated to Zone 7 to reflect existing shoreline access rights. See Volume 1, Section 1.5 for more information about shoreline access rights.

Under the final RLMP (Alternative B), of the 74,713.6 acres on Kentucky Reservoir, there are no allocation changes to 64,736.8 acres (86.6 percent); all allocation changes involve 9,976.8 acres (13.4 percent). Of the 9,976.8 acres, TVA would allocate 4,044.0 acres (40.5 percent) to reflect existing land use agreements or commitments. The remaining 5,932.8 acres (59.5 percent) involve parcel allocations that are not based on existing land use agreements or commitments. See Appendix B for parcel allocation description tables.

3.4 Property Administration

As stewards of public land, TVA uses the RLMP, along with TVA policies and guidelines, to manage resources and to respond to requests for the use of TVA land. Pursuant to the TVA Land Policy, TVA would consider changing a land use designation outside of the normal planning process only for the purpose of water access for industrial or commercial recreational operations on privately owned back-lying land or to implement TVA's SMP.

Additionally, there are a small number of TVA parcels on Kentucky Reservoir over which the upland property owners have deeded access rights that would support a Zone 7 (Shoreline Access) allocation for the TVA land, but the private owners currently are using their upland property for non-residential uses such as commercial, industrial, or developed recreation activities. TVA has zoned these parcels according to the current uses of the upland properties. However, consistent with TVA's SMP, TVA would, subject to appropriate environmental review, consider requests to revise the allocations of these parcels to Zone 7 (Shoreline Access) in the event the use of the upland property changes to residential.

Consistent with the TVA Land Policy, those parcels or portions of parcels that have become fragmented from the reservoir may be declared surplus and sold at public auction. Public works/utility projects, such as easements for pipelines, power or communication wires, roads, or other public infrastructure, on TVA land that would not substantially change the zoned land use or adversely impact sensitive resources would not require an allocation change as long as such projects would be compatible with the use of the allocated zone. Public works/utility projects would be subject to a project-specific environmental review. Any other requests involving a departure from the planned uses would require appropriate approval. Proposals consistent with TVA's policies and the allocated use, and otherwise acceptable to TVA, will be reviewed in accordance with NEPA and must conform to the requirements of other applicable environmental regulations and other legal authorities.

CHAPTER 4. PARCEL DESCRIPTIONS

This chapter describes the land use determined to be most suitable for each parcel of TVA land as shown on the land plan maps (Appendix A, Panels 1-12). The parcel descriptions include the land use zone allocations and relevant data regarding the land use are provided for each parcel. Parcel descriptions include existing land uses, physical characteristics of the land, presence of existing private water use facilities, and any special considerations related to the future use. Some parcel descriptions also provide information regarding known dispersed recreation opportunities. Please note, all existing private water use facilities with TVA permits are grandfathered, provided they are constructed in accordance with the plans approved by TVA.

All uses of TVA public lands are subject to federal, state and local laws, rules and regulations. If there is a conflict between federal rules/laws and other laws, federal rules/laws prevail. Failure to comply may result in immediate removal from the property and other actions deemed appropriate by TVA and/or law enforcement officials. Land use zone definitions and a description of allowable uses for each land use zone are provided in Table 3-1.

In addition to those allowable uses and the requirements of TVA's policies and regulations described in Section 1.2, TVA has published rules for the use of public land. Specific rules for the use of developed and undeveloped TVA public lands are available at www.tva.com/publiclandrules. Examples of uses that are not allowable on all TVA public lands include leaving trash or litter, and land-disturbing activities such as, construction of temporary or permanent structures and vegetation cutting or removal, without TVA approval. Recreational use of motorized vehicles such as all-terrain vehicles (ATVs) is prohibited on undeveloped TVA public lands—including within reservoir drawdown areas.

Inquiries about or requests for the use of TVA land can be made to the TVA Public Land Information Center at 800-TVA-LAND or 800-882-5263 between 8 a.m. and 6 p.m. Eastern time Monday through Friday.

Note, the land use allocations and/or acreages for certain parcels have been revised since the Draft EIS was released. Descriptions and comparative mapping illustrations of the revised parcels are included as Appendix C.

Parcel 1 – (129.7 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located downstream of the Kentucky Dam and is adjacent to the dam reservation property. The majority of this parcel is open grassland with some deciduous and forested wetlands. The parcel provides beneficial habitat for several bird species and a diversity of wetland wildlife species. There is a high probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-1. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Livingston, Kentucky
Topographic Map (Sheet No. and Quadrant)	5-SE
TVA D-Stage Map Numbers	4
Stream Mile and Bank	TRM 21.3R
Land Use/Land Cover	Mixture of open grasslands, forested wetlands, and deciduous forest
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Revocable license to West Kentucky Electric Cooperative Corporation for electric utilities
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 2 – (559.7 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel is the Kentucky Dam Reservation and receives heavy informal public use. Existing facility development includes the dam powerhouse and associated access roads, transmission lines and substations; navigation lock and associated access roads and mooring cells; roads; highways; railroads; and boat-launching ramp. U.S. Route (US) 62 is located on this parcel and runs downstream of Kentucky Dam. Old portions of US-62, which ran along the top of Kentucky Dam, have been converted to a public access area with a bicycle trail. Kentucky Dam is a historically significant structure and eligible for listing on the National Register of Historic Places. Because this parcel contains the Kentucky Dam Reservation, it is also considered historically

significant. There is a high probability for the presence of additional cultural resources.

Requests for private water use facilities would not be considered.

Table 4-2. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Livingston and Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	5-SE
TVA D-Stage Map Numbers	3 and 4
Stream Mile and Bank	TRMs 21.0 to 22.5B
Land Use/Land Cover	Mixture of deciduous forest, roads, and water control structures
Known Dispersed Recreation Opportunities	Bank fishing
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easement to Commonwealth of Kentucky for the existing highway • Permanent easement to Southern Bell for telephone lines
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 3 – (121.7 acres)

RLMP Allocation: Zone 2, Project Operations

This linear parcel spans approximately 2.5 miles within the city of Grand Rivers, Kentucky. The parcel contains mostly the ROW for portions of US-62 and Kentucky State Route (KSR) 453.

The non-ROW portion of this parcel has a medium probability for the presence of cultural resources, but the area has not been surveyed. Requests for private water use facilities would not be considered.

Table 4-3. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Livingston, Kentucky
Topographic Map (Sheet No. and Quadrant)	5-SE, 16-SW, and 17-NW
TVA D-Stage Map Numbers	4 and 7
Stream Mile and Bank	TRMs 22.5 to 24.1R
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to Jackson Purchase Electric Cooperative for electric utilities • Revocable license to the City of Grand Rivers for antenna towers • Revocable license to the City of Grand Rivers for a parking lot

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	Systematic survey for historic properties
Potential Partners	City of Grand Rivers

Parcel 4 – (428.4 acres)

RLMP Allocation: Zone 5, Industrial

This parcel consists of a large noncontiguous tract of land within the general vicinity of the City of Grand Rivers. Most of the parcel is encumbered with active industrial sites or transmission line ROWs. However, there are three portions of land with limited disturbance that could be considered for future industrial development. Two of the areas, approximately 20 acres and 100 acres, are located across from the existing Vulcan Materials Company. The land cover of these areas is deciduous forest. The third area of land contains approximately 25 acres of deciduous forest and is located at TRM 24.9R. This area is also situated adjacent to property owned by BRT Transfer Terminal, Incorporated. The forested land has a medium probability for the presence of cultural resources, but most of this area has not been surveyed. Requests for use of TVA lands and associated water-based structures to support industrial purposes would be considered.

Table 4-4. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Livingston, Kentucky
Topographic Map (Sheet No. and Quadrant)	16-SW and 17-NW
TVA D-Stage Map Numbers	4 and 7
Stream Mile and Bank	TRMs 22.9 to 25.1R
Land Use/Land Cover	Road and transmission line ROWs, industrial, and deciduous forest
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easement to Kentucky Utilities Company for a transmission line • Permanent easement to Reed Crushed Stone Company for a barge terminal, industrial site, and rail road • Permanent easement to Reed Terminal Company for industrial use • Revocable license to the City of Grand Rivers for water and sewer lines • Revocable license to Jackson Purchase Electric Cooperative Corporation for electric utilities • Revocable license to South Central Bell for telephone lines

Location Component and Public Involvement Opportunities	Parcel Specific Information
	<ul style="list-style-type: none"> • Revocable license to Southern Bell for telephone lines • Revocable license to Western Kentucky Rural Electric Cooperative Corporation for electric utilities

Parcel 5 – (19.9 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the right descending bank of the Tennessee River and approximately 1 mile downstream of the Barkley Canal. The parcel can be accessed from KSR-453. There are two noncontiguous tracts of land within this parcel. The narrow parcel includes only TVA shoreline bordering lands transferred to the City of Grand Rivers for public recreation (XTGIR-91). Facilities at Grand Rivers Park include a marina, boat-launching ramp, picnic area, swimming beach, trails, sports fields, campground, a motel, rental cabins, and walking trails. The second tract of land is located on the opposite side of KSR-453. This parcel is managed under an easement (XGIR-923RE) to Tuller Enterprises in connection with Patti’s Restaurant. Recreational amenities include grist mill, miniature golf course, shopping, trails, pavilion, chapel, petting zoo, and model of an 1880s village. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered. However, this parcel has not been surveyed for cultural resources.

Table 4-5. Parcel Information

Location Component	Parcel Specific Information
County, State	Livingston, Kentucky
TVA D-Stage Map Numbers	7
Stream Mile and Bank	TRM 24R

Parcel 6 – (21.4 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along the Livingston and Lyon, Kentucky county line adjacent to the canal connecting Kentucky Reservoir and Lake Barkley. The land cover for the entire parcel is deciduous forest. A portion of this parcel is under a permanent easement to the U.S. Army Corps of Engineers (USACE) for the management of the Barkley Canal. There is an adjacent parking area developed by USACE that provides public access for bank fishing along the Barkley Canal shoreline. There is a medium probability of the presence of cultural resources on this parcel; however, the area has not been surveyed. No federally or state-listed species are known to occur on this parcel. No existing shoreline improvements are currently present and requests for private water use facilities would not be considered.

Table 4-6. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Lyon, Kentucky
Topographic Map (Sheet No. and Quadrant)	17-NW
TVA D-Stage Map Numbers	8
Stream Mile and Bank	TRM 26R
Land Use/Land Cover	Deciduous forest
Known Dispersed Recreation Opportunities	Bank fishing associated with adjacent U. S. Army Corps of Engineers fishing area
Current Agreements/Commitments	Permanent easement to USACE for Barkley Canal
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 7 – (15.9 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel is located adjacent to the Land Between the Lakes and contains a portion of the ROW for US-79 and Tennessee State Route (TSR) 76. Requests for private water use facilities would not be considered.

Table 4-7. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Stewart, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-NE
TVA D-Stage Map Numbers	75
Stream Mile and Bank	TRM 66.2R
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	Bank fishing
Current Agreements/Commitments	Permanent easement to Tennessee Department of Transportation for a highway
Potential Projects	None identified
Potential Partners	Tennessee Department of Transportation

Parcel 8 – (122.7 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along the right descending bank of the Tennessee River at TRM 67.3R to Standing Rock Creek. The land cover of the entire parcel is predominantly upland deciduous forest. Access to this parcel is available via public roads and boat. There is a medium probability of the presence of cultural resources on this parcel, but it has not been surveyed. No federally or state-listed species are known to occur on this parcel. No existing shoreline improvements are currently present and requests for private water use facilities would not be considered.

Table 4-8. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Stewart, Kentucky
Topographic Map (Sheet No. and Quadrant)	19-NE
TVA D-Stage Map Numbers	75 and 76
Stream Mile and Bank	TRM 67.3R
Land Use/Land Cover	Deciduous forest
Known Dispersed Recreation Opportunities	Bank fishing, swimming, camping, and hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Mitigation of impacts from dispersed recreation sites
Potential Partners	None identified

Parcel 8a – (27.7 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located south of US-79 Ned Ray McWherter Bridge and extends along the right descending bank of the Tennessee River to Standing Rock Creek. The land cover of the entire parcel is predominantly upland deciduous forest. A dispersed recreation impact analysis conducted was conducted in 2007, and the results of the study determined there were some highly impacted dispersed recreation sites along this parcel. Access to this parcel is available via public roads and boat. A portion of this parcel has been surveyed and there is a high probability of the presence of cultural resources on this parcel. No federally or state-listed species are known to occur on this parcel. No existing shoreline improvements are currently present and requests for private water use facilities would not be considered.

Table 4-8a. Parcel Information

Location Component	Parcel Specific Information
County, State	Stewart, Tennessee
TVA D–Stage Map Numbers	75
Stream Mile and Bank	TRM 66.7R

Parcel 9 – (3.6 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel is a designated safety harbor with two navigation mooring cells located along the shoreline. The mooring cells are available for tying off commercial barges and recreational boats during adverse weather conditions or equipment malfunction. There is a medium probability for the presence of cultural resources within this parcel. Future development of this parcel will be restricted, and requests for private water use facilities would not be considered.

Table 4-9. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Stewart, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–NE
TVA D–Stage Map Numbers	75
Stream Mile and Bank	TRM 67.9R
Land Use/Land Cover	Deciduous forest
Known Dispersed Recreation Opportunities	None identified

Location Component and Public Involvement Opportunities	Parcel Specific Information
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 10 – (49.6 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous narrow strips of land located along the right descending bank of Standing Rock Creek. The parcel extends among TVA markers 75–54 to 76–73 and 76–63 to 76–64. This parcel lies entirely below the 375-foot msl contour, and the current land use varies from deciduous forest to maintained lawns. Longwood Ridge Subdivision, River Trace Subdivision, Standing Rock Development, and Tree Top Subdivision are located on the back-lying private property. There is a medium probability for the presence of cultural resources, but the parcel has not been surveyed. Water use facilities have been permitted along portions of the shoreline, and future requests for private water use facilities would be considered. However, a large wetland fronts this parcel from Standing Rock Creek mile 1.7 to 2.3. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-10. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Stewart, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–NE and 29–NW
TVA D–Stage Map Numbers	75 and 76
Stream Mile and Bank	Standing Rock Creek miles 0.5 to 2.3R
Land Use/Land Cover	Deciduous forest, maintained lawns, and wetlands
Fronts Former TVA Tract (s)	XGIR–248, XGIR–780, and XGIR–781
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 11 – (53.9 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located at the upper end of Standing Rock Creek. A small portion of this parcel is under a revocable license to support electric utilities. The land cover of the majority of this parcel is young deciduous forest, with forested and scrub-shrub wetlands occurring along the shoreline fringe. The parcel is accessible through public roads and currently used for hunting, fishing, and picnicking. A dispersed recreation impact analysis was conducted in 2007, and the results of the study identified two moderately impacted dispersed use sites along the south bank of Standing Rock Creek in the upper portion of this parcel. These sites are considered as candidates for future dispersed recreation impact projects. There is a low probability of the presence of cultural resources on this parcel. No federally or state-listed species are known to occur on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-11. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Stewart, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-NE and 29-NE
TVA D-Stage Map Numbers	76
Stream Mile and Bank	TRM 67.9R
Land Use/Land Cover	Mixture of deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	Hunting, bank fishing, picnicking, and camping
Current Agreements/Commitments	Revocable license to Cumberland Electric Membership Corporation for electric utilities
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along the parcel boundaries and shoreline • Mitigation of impacts from dispersed recreation sites
Potential Partners	None identified

Parcel 12 – (24.4 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of a narrow strip of land located along the left descending bank of Standing Rock Creek and extends between TVA markers 76-68 to Parcel 13. This parcel lies entirely

below the 375-foot msl contour, and the current land cover is deciduous forest. There is a medium probability for the presence of cultural resources, but the parcel has not been surveyed. Water use facilities have been permitted along portions of the shoreline, and future requests for private water use facilities would be considered. However, a large wetland fronts this parcel from Standing Rock Creek mile 1.7 to 2.3. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-12. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Stewart, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-NE
TVA D-Stage Map Numbers	76
Stream Mile and Bank	Standing Rock Creek miles 1.6-2L
Land Use/Land Cover	Deciduous forest and wetlands
Fronts Former TVA Tract (s)	XGIR-249 and a portion of XGIR-250
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 13 – (6.5 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located approximately 1 mile off of TSR-232 and adjacent to Standing Rock Creek. This shoreline parcel is licensed for commercial recreation and is managed as a part of Fat Daddy’s Resort and Marina. Facilities at this area include a marina, restaurant, and boat-launching ramp. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered. There is a low probability for the presence of cultural resources, however, this parcel has not been surveyed for cultural resources.

Table 4-13. Parcel Information

Location Component	Parcel Specific Information
County, State	Stewart, Tennessee
TVA D-Stage Map Numbers	76
Stream Mile and Bank	TRM 68.3R

Parcel 14 – (153.1 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of a narrow strip of land located along both Standing Rock Creek and the Tennessee River. This parcel lies entirely below the 375-foot msl contour, and the current land use is deciduous forest and maintained lawns. Brownfield, Eagle’s Rest, and Terro-Areo subdivisions are located on the back-lying private property. There is a low to medium probability for the presence of cultural resources, but it has not been surveyed for historic properties. Water use facilities have been permitted along portions of the shoreline, and future requests for private water use facilities would be considered. A large wetland fronts this parcel in Short Creek. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-14. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Stewart, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–NE and 29–NW
TVA D–Stage Map Numbers	76 and 79
Stream Mile and Bank	Standing Rock Creek miles 0 to 1.3L TRMs 68.6 to 71.4R
Land Use/Land Cover	Deciduous forest and maintained lawn
Fronts Former TVA Tract (s)	A portion of XGIR–250, XGIR–251, XGIR–252, XGIR–253, XGIR–254, XGIR–255, XGIR–256, and a portion of XGIR–257
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 15 – (4.4 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located about 4 miles off TSR-232. The waterfront parcel has been licensed for commercial recreation and is being managed as part of PJ’s Resort. Current resort facilities include a campground, rental cabins, swimming pool, and boat-launching ramp. There is a low probability for the presence of cultural resources, but the parcel has not been surveyed. Requests for use of TVA lands and associated water–based structures to support developed recreation purposes would be considered.

Table 4-15. Parcel Information

Location Component	Parcel Specific Information
County, State	Stewart, Tennessee
TVA D–Stage Map Numbers	82
Stream Mile and Bank	TRM 71.5R

Parcel 16 – (70.8 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of three narrow strips of land located along the right descending bank of the Tennessee River. The parcel extends among Parcel 17 to TVA marker 83–70 and excludes Parcels 19 and 20. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium to high probability for the presence of cultural resources. Lakeshore and Leatherwood subdivisions are located on the back-lying private property. Water use facilities have been permitted along portions of the shoreline, and future requests for private water use facilities would be considered.

Table 4-16. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Stewart, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–NE and 29–NW
TVA D–Stage Map Numbers	82 and 83
Stream Mile and Bank	TRMs 71.4 to 73.1R
Land Use/Land Cover	Deciduous forest and maintained lawn
Fronts Former TVA Tract (s)	A portion of XGIR–258 and a portion of XGIR–259
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 17 – (21.3 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This parcel is located at the mouth of Leatherwood Creek and is comprised of predominantly deciduous forest. The shoreline along this parcel has been stabilized to prevent further erosion. Public access to this parcel is by boat only. There is a high probability for the presence of cultural resources. No federally or state-listed species are known to occur on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-17. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Stewart, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	83
Stream Mile and Bank	TRMs 73.0-73.4R
Land Use/Land Cover	Deciduous forest
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Placement of TVA property and public lands signs along the parcel boundary and shoreline • Refresh the existing paint denoting TVA's property boundaries
Potential Partners	None identified

Parcel 18 – (1.4 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the right descending bank of Leatherwood Creek. This parcel is under a revocable commercial recreation license and is being managed as part of Leatherwood Resort. Facilities offered at the resort include a marina, boat-launching ramp, restaurant, campground, rental cabins, and swimming pool. There is a low probability for the presence of cultural resources, but the parcel has not been surveyed. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-18. Parcel Information

Location Component	Parcel Specific Information
County, State	Stewart, Tennessee
TVA D-Stage Map Numbers	83
Stream Mile and Bank	TRM 73.5R

Parcel 19 – (3.4 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along the right descending bank of Leatherwood Creek. The land cover of the majority of this parcel is young deciduous forest, with forested and scrub-shrub wetlands occurring along the shoreline fringe. The parcel is accessible through public roads;

however, public use is limited due to the parcel’s small size. There is a medium probability of the presence of cultural resources and no federally or state-listed species are known to occur on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-19. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Stewart, Tennessee
Topographic Map (Sheet No. and Quadrant)	29–SW
TVA D–Stage Map Numbers	83
Stream Mile and Bank	TRM 72.8R
Land Use/Land Cover	Deciduous forest
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 20 – (52.1 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of a narrow strip of land located along the right descending bank of Leatherwood Creek and extends between TVA markers 83–71 to 82–72. This parcel lies entirely below the 375-foot msl contour, and the current land use is deciduous forest and maintained lawns. There is a medium to high probability for the presence of cultural resources. Leatherwood and Sparrow subdivisions are located on the back-lying private property. Water use facilities have been permitted along portions of the shoreline, and future requests for private water use facilities would be considered.

Table 4-20. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Stewart, Tennessee
Topographic Map (Sheet No. and Quadrant)	29–NW and 29–SW
TVA D–Stage Map Numbers	83
Stream Mile and Bank	TRMs 71.4–73.1R
Land Use/Land Cover	Deciduous forest and maintained lawn
Fronts Former TVA Tract (s)	A portion of XGIR–259
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 21 – (7.3 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located between TVA monuments 82-72 and 83-24 and along Leatherwood Creek. The land cover of most of this parcel is deciduous forest, with significant, high quality forested and scrub-shrub wetlands occurring along the shoreline fringe. The parcel provides beneficial habitat for wild turkey and other game species, as well as a diversity of wetland wildlife species. No federally or state-listed species are known to occur on this parcel. However, there is potential northern pine snake habitat present, which is listed as a threatened species in Tennessee. In addition, bald eagles have historically nested on nearby Parcel 28. There is a medium probability of the presence of cultural resources on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-21. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Stewart, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-NW
TVA D-Stage Map Numbers	83
Stream Mile and Bank	Leatherwood Creek mile 1.2R
Land Use/Land Cover	Mixture of deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	Limited hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along the parcel boundary and shoreline
Potential Partners	None identified

Parcel 22 – (0.8 acre)

RLMP Allocation: Zone 7, Shoreline Access

This small parcel is located along the right descending bank of Leatherwood Creek and extends between TVA markers 83-24 to Parcel 25. This parcel lies entirely below the 375-foot msl, and the current land use is a maintained lawn and road ROW. There is a low probability for the presence of cultural resources. Water use facilities have been permitted along portions of the shoreline, and future requests for private water use facilities would be considered.

Table 4-22. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Stewart, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-NW
TVA D-Stage Map Numbers	83
Stream Mile and Bank	Leatherwood Creek miles 1.3R
Land Use/Land Cover	Maintained lawn and road ROW
Fronts Former TVA Tract (s)	A portion of XGIR-260
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Permanent easement to Stewart County, Tennessee for a roadway

Parcel 23 – (2.1 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located near the mouth of Leatherwood Creek and has been licensed to TWRA for public recreation. There is a low to medium probability for the presence of cultural resources. A boat-launching ramp and parking area have been developed on the parcel. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-23. Parcel Information

Location Component	Parcel Specific Information
County, State	Stewart, Tennessee
TVA D-Stage Map Numbers	83
Stream Mile and Bank	TRM 73.5R

Parcel 24 – (22.9 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of six narrow strips of land located along the right descending bank of Standing Rock Creek. The parcel extends among Parcel 25 to TVA marker 83-76; TVA markers 83-77 to 83-78; TVA markers 83-79 to 83-80; TVA markers 83-81 to 83-82; TVA markers 83-83 to 83-84; and TVA markers 83-85 to 83-86. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a medium probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. However, a

large wetland fronts most of this parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-24. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Stewart, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-NW
TVA D-Stage Map Numbers	83
Stream Mile and Bank	Leatherwood Creek miles 1.5-2R
Land Use/Land Cover	Deciduous forest and wetlands
Fronts Former TVA Tract (s)	XGIR-261
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	None identified

Parcel 25 – (25.4 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is composed of several smaller tracts of land along Leatherwood Creek. The land cover of most of this parcel is deciduous forest, with significant, high quality forested and scrub-shrub wetlands occurring along the shoreline fringe. The parcel provides beneficial habitat for wild turkey and other game species, as well as a diversity of wetland wildlife species. No federally or state-listed species are known to occur on this parcel. However, there is potential northern pine snake habitat present. The northern pine snake is listed as a threatened species in Tennessee. In addition, bald eagles have historically nested on nearby Parcel 28. There is a medium probability for the presence of cultural resources on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-25. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Stewart, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-NW
TVA D-Stage Map Numbers	83
Stream Mile and Bank	Leatherwood Creek miles 1.5 to 2R
Land Use/Land Cover	Mixture of deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	Limited Hunting

Location Component and Public Involvement Opportunities	Parcel Specific Information
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along the parcel boundary and shoreline
Potential Partners	None identified

Parcel 26 – (29.1 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of Leatherwood Creek and extends between TVA markers 83–87 to 83–88. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Water use facilities have been permitted along portions of the shoreline, and future requests for private water use facilities would be considered. However, a large wetland fronts most of this parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-26. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Stewart, Tennessee
Topographic Map (Sheet No. and Quadrant)	29–NW and 29–SW
TVA D–Stage Map Numbers	83
Stream Mile and Bank	Leatherwood Creek miles 1.2 to 2R
Land Use/Land Cover	Deciduous forest, maintained lawn, and wetlands
Fronts Former TVA Tract (s)	A portion of XGIR–262
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 27 – (4.4 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is a small tract of land located between TVA monuments 83-88 and 83-89 and along Leatherwood Creek. The land cover of most of this parcel is deciduous forest, with significant, high quality forested and scrub-shrub wetlands occurring along the shoreline fringe. The parcel provides beneficial habitat for wild turkey and other game species, as well as a diversity of wetland wildlife species. No federally or state-listed species are known to occur on this parcel. However, there is potential northern pine snake habitat present. The northern pine snake is listed as a threatened species in Tennessee. In addition, bald eagles have historically nested on nearby Parcel 28. There is a medium probability of the presence of cultural resources on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-27. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Stewart, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-NW
TVA D-Stage Map Numbers	83
Stream Mile and Bank	Leatherwood Creek mile 1.2L
Land Use/Land Cover	Mixture of deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	Limited hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along the parcel boundary and shoreline
Potential Partners	None identified

Parcel 28 – (13.1 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of Leatherwood Creek and extends between TVA markers 83-89 to 83-91. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and one maintained lawn. There is a high probability for the presence of cultural resources. Water use facilities have been permitted along portions of the shoreline, and future requests for private water use facilities would be considered. However,

small wetlands front portions of this parcel. Additionally, a pair of bald eagles nested along portions of this shoreline in previous years. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-28. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Stewart, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	83
Stream Mile and Bank	Leatherwood Creek miles 0.4 to 1.2L
Land Use/Land Cover	Deciduous forest, one maintained lawn, and wetlands
Fronts Former TVA Tract (s)	A portion of XGIR-262
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 29 – (65.2 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along the left descending bank of Leatherwood Creek. The land cover of the majority of this parcel is deciduous forest with forested and scrub-shrub wetlands occurring along the shoreline fringe. The parcel is accessible through public roads. The parcel provides multiple dispersed recreational opportunities including camping along the reservoir shoreline. Historically, this parcel has received extensive all-terrain vehicle (ATV) use, which is not permissible on undeveloped TVA land. The parcel also provides beneficial habitat for upland game, as well as a diversity of wetland wildlife species. Bald eagles have historically nested within this parcel. There is a high probability of the presence of cultural resources on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-29. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Stewart, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	83
Stream Mile and Bank	TRMs 73.4 to 73.7R
Land Use/Land Cover	Mixture of deciduous forest and forested wetlands

Location Component and Public Involvement Opportunities	Parcel Specific Information
Known Dispersed Recreation Opportunities	Hunting, bank fishing, swimming, picnicking, camping
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> Continued efforts to eliminate unauthorized ATV use Refresh the existing paint denoting TVA's property boundaries Placement of TVA property and public lands signs along the parcel boundary and shoreline Dispersed recreation impacts mitigation Conduct Limits of Acceptable Change analysis on dispersed recreation impacts
Potential Partners	None identified

Parcel 30 – (18.7 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of the Tennessee River and extends between TVA markers 83–92 to 116–50. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest with one small area of unauthorized vegetation clearing. There is a medium probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered.

Table 4-30. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston and Stewart, Tennessee
Topographic Map (Sheet No. and Quadrant)	29–SW
TVA D–Stage Map Numbers	83 and 116
Stream Mile and Bank	TRMs 74 to 75R
Land Use/Land Cover	Deciduous forest
Fronts Former TVA Tract (s)	XGIR–263 and a portion of XGIR–303
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	None identified
Potential Projects	Continued efforts to eliminate unauthorized vegetation removal

Parcel 31 – (4.1 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located approximately 1 mile upstream of Leatherwood Creek and along the right descending bank of the Tennessee River. The land cover of the majority of the parcel is young deciduous forest, with forested wetlands occurring along the shoreline fringe. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. The parcel is accessible by boat only; therefore, public use is limited. There is a low probability of the presence of cultural resources on this parcel, and no federally or state-listed species are known to be present. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-31. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29–SW
TVA D–Stage Map Numbers	116
Stream Mile and Bank	TRM 74.8R
Land Use/Land Cover	Mixture of deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 32 – (37.1 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of both the Tennessee River and Hurricane Creek extending between TVA markers 116–51 to 119–44. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a low to medium probability for the presence of cultural resources. Hurricane Creek and Sunset Point subdivisions are located on the back-lying private property. Water use facilities have been permitted along a portion of the shoreline, and future requests for private water use facilities would be considered.

Table 4-32. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29–SW
TVA D–Stage Map Numbers	116 and 119
Stream Mile and Bank	TRMs 75 to 76.1R Hurricane Creek miles 0 to 0.6R
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–303, XGIR–304, XGIR–305, and XGIR–306
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to Meriwether–Lewis Electric Cooperative for electric utilities

Parcel 33 – (2.7 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along the right descending bank of Hurricane Creek. This parcel consists of significant forested wetlands and is accessible by boat only. Opportunities for dispersed recreation are limited due to the small size of the parcel, limited access, and proximity to residential development. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. There is a medium probability of the presence of cultural resources on this parcel. No federally or state-listed species are known to occur on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-33. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29–SW
TVA D–Stage Map Numbers	119
Stream Mile and Bank	TRM 75.8R
Land Use/Land Cover	Forested wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 34 – (29.0 acres)*RLMP Allocation: Zone 7, Shoreline Access*

This parcel contains two noncontiguous tracts of land located along the right descending bank of Hurricane Creek extending between TVA markers 119–3 to 119–46 and TVA markers 119–47 to 119–48. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a medium probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. However, a large wetland fronts most of this parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-34. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29–SW
TVA D–Stage Map Numbers	119
Stream Mile and Bank	Hurricane Creek miles 0.8 to 1.8R
Land Use/Land Cover	Deciduous forest and wetlands
Fronts Former TVA Tract (s)	XGIR–307 and XGIR–308
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	None identified

Parcel 35 – (43.2 acres)*RLMP Allocation: Zone 3, Sensitive Resource Management*

This parcel is located along Hurricane Creek and is comprised of two separate tracts of land. Significant, high quality forested and scrub-shrub wetlands exist on the entire parcel. In 2008, a dispersed recreation impact analysis was conducted with one moderately impacted dispersed use site identified in the upper end of the parcel. Historically, this parcel has received extensive unauthorized ATV use. Public access is available through public roads. The parcel provides beneficial habitat for several bottomland forest game animals, as well as a diversity of wetland wildlife species. There is a high probability for the presence of cultural resources, and no federally or state-listed species are known to occur on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-35. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	119
Stream Mile and Bank	TRM 76.0R
Land Use/Land Cover	Deciduous forest and scrub-shrub wetlands
Known Dispersed Recreation Opportunities	Hunting and camping
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Continued efforts to eliminate unauthorized ATV use • Systematic survey for historic properties • Placement of TVA property and public lands signs along the parcel boundary and shoreline • Refresh the existing paint denoting TVA's property boundaries • Mitigate dispersed recreation impacts • Implement wetland protection measures
Potential Partners	None identified

Parcel 36 – (160.7 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located immediately upstream of Hurricane Creek. The land cover of the majority of this parcel is young deciduous forest and forested and scrub-shrub wetlands occurring along the shoreline fringe. The parcel is accessible by boat only; therefore, public use is limited. There is a medium probability of the presence of cultural resources on this parcel, and no federally or state-listed species are known to be present. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-36. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	119
Stream Mile and Bank	TRMs 76.1 to 77.2R
Land Use/Land Cover	Mixture of deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along the parcel boundary and shoreline
Potential Partners	None identified

Parcel 37 – (44.3 acres)

RLMP Allocation: Zone 5, Industrial

This parcel is comprised of deciduous forest and located near the area of Danville, Tennessee. With limited site disturbance, this parcel could be considered for future industrial development. There is a medium probability for the presence of cultural resources. Although no known endangered and threatened species have been historically found on the parcel, a site-specific environmental review will be conducted prior to new ground disturbance. Requests for use of TVA land and associated water-based structures to support industrial purposes would be considered.

Table 4-37. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	119 and 120
Stream Mile and Bank	TRM 77.3R
Land Use/Land Cover	Deciduous forest
Current Agreements/Commitments	Revocable license to Meriwether-Lewis Electric Cooperative for electric utilities

Parcel 38 – (83.1 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located slightly upstream of Cane Creek. A small portion of this parcel is under a revocable license to support electric utilities. The land cover of the majority of this parcel is younger age deciduous forest and forested and scrub-shrub wetlands occurring along the shoreline fringe. The parcel is accessible through public roads and is adjacent to Danville Landing recreation area/Houston County Park and Danville Ferry. The parcel is currently used

for hunting, fishing, camping, and picnicking. In 2008, a dispersed recreation impact analysis was conducted. The results of the analysis included two moderately impacted dispersed use sites along the shoreline on the upper portion of this parcel. These sites are considered as candidates for future impacts mitigation projects. There is a medium probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to occur on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-38. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	120 and 120-1
Stream Mile and Bank	TRMs 77.6 to 78.2R
Land Use/Land Cover	Mixture of deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	Hunting, bank fishing, picnicking, and camping
Current Agreements/Commitments	Revocable License to Meriwether-Lewis Electric Cooperative for electric utilities
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along the parcel boundary and shoreline • Mitigate dispersed recreation impacts
Potential Partners	None identified

Parcel 39 – (71.4 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located at the mouth of Cane Creek and is adjacent to TSR-147. The parcel is under a 30-year easement (XTGIR-158RE) to Houston County, Tennessee for public recreation. The easement includes a small area on the northern end of the parcel to accommodate the recent addition of a ferry landing. Other facilities include a boat-launching ramp, picnic area, small campground, and fishing pier.

Houston County plans to expand the recreation facilities to include a nature trail, restrooms, additional camping and picnic facilities, and other recreation amenities. There is a medium probability for the presence of cultural resources but it has not been surveyed. Requests for use

of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-39. Parcel Information

Location Component	Parcel Specific Information
County, State	Houston, Tennessee
TVA D–Stage Map Numbers	120
Stream Mile and Bank	TRM 78R

Parcel 40 – (11.5 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts located along the right descending bank of Cane Creek. Private property previously owned by Louisville and Nashville Railroad Company separates these two tracts. This entire parcel lies entirely below the 375-foot msl, and the current land use is scrub-shrub and maintained lawns. There is a medium probability for the presence of cultural resources. CC Auto Sales and Southernaire Resort subdivisions are located on the back-lying private property. Water use facilities have been permitted along a portion of the shoreline, and future requests for private water use facilities would be considered.

Table 4-40. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29–SW
TVA D–Stage Map Numbers	120
Stream Mile and Bank	Cane Creek miles 0.6 to 1.4R
Land Use/Land Cover	Maintained lawns and scrub-shrub
Fronts Former TVA Tract (s)	XGIR–316, XGIR–317, XGIR–318, and XTGIR–89
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 41 – (4.1 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel is a small linear tract of land located adjacent to Cane Creek in the area of Danville, Tennessee. This parcel contains a portion of the ROW for TSR-147. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-41. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	120
Stream Mile and Bank	Cane Creek mile 1R
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	None identified
Potential Partners	None identified

Parcel 42 – (12.7 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is comprised of three distinct tracts of land and located along the right descending bank of Cane Creek. A railroad separates a portion of this parcel from the water. The land cover of this parcel is predominantly deciduous forest. The parcel is accessible through public roads; however, small size of the parcel and proximity to development results in limited public use. There is a medium probability of the presence of cultural resources on this parcel; however, the area has not been surveyed. No federally or state-listed species are known to occur on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-42. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	120
Stream Mile and Bank	TRM 78.0R
Land Use/Land Cover	Deciduous forest
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 43 – (5.9 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along Cane Creek and south of TSR-147. The parcel is under a revocable license to Southernaire Marina and supports a marina facility and boat-launching ramp. The undeveloped portions of this parcel have a medium probability for cultural resources, but the area has not been surveyed. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-43. Parcel Information

Location Component	Parcel Specific Information
County, State	Houston, Tennessee
TVA D–Stage Map Numbers	120
Stream Mile and Bank	TRM 78.3R

Parcel 44 – (61.4 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel is located along the uppermost end of the Cane Creek embayment and includes land adjacent to the Houston County Airport. Wetlands are also present on the parcel and along the shoreline. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. Requests for private water use facilities would not be considered.

Table 4-44. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29–SW
TVA D–Stage Map Numbers	120
Stream Mile and Bank	Cane Creek mile 1.8B
Land Use/Land Cover	Grassland and wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Revocable license to Houston County, Tennessee, for an airplane landing strip
Potential Projects	Systematic survey for historic properties
Potential Partners	Houston County, Tennessee

Parcel 45 – (12.3 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of Cane Creek extending between TVA markers 120–97 to 120–30. This parcel lies entirely below the 375-foot msl, and the current land use is agriculture and wetlands. There is a medium probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. However, a large wetland encompasses most of this parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-45. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29–SW
TVA D–Stage Map Numbers	120
Stream Mile and Bank	Cane Creek mile 1.7L
Land Use/Land Cover	Agriculture and wetlands
Fronts Former TVA Tract (s)	XGIR–321
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	None identified

Parcel 46 – (60.8 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along the left descending bank of Cane Creek. Much of this parcel is prime farmland, and a 30-acre portion is currently under a term agricultural license for perennial hay. In addition, a small portion of this parcel is under a linear revocable license to support electric utilities. The parcel provides beneficial habitat for several upland game animals, as well as a diversity of wetland wildlife species. There are significant fringe shoreline wetlands present on portions of the parcel. In addition, there is a high probability of the presence of cultural resources; however, the area has not been surveyed. No federally or state-listed species are known to occur on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-46. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	120
Stream Mile and Bank	TRMs 78.3 to 78.7R
Land Use/Land Cover	Mixture of deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	Limited hunting
Current Agreements/Commitments	<ul style="list-style-type: none"> • Term agricultural license for perennial hay • Revocable license to Meriwether-Lewis Electric Cooperative for electric utilities
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Native warm season grass conservation and management for wildlife habitat enhancement
Potential Partners	None identified

Parcel 47 – (54.5 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of Cane Creek and extends between TVA markers 120-35 and 120-39. The land cover of this parcel is mostly forest. A portion of this parcel is under a revocable license to Cane Creek Dock for commercial recreation use. Current facilities include a marina, boat-launching ramp, and campground. Additional portions of this parcel could potentially be made available for expansion of commercial recreation facilities and services. Wetlands occur along a portion of the shoreline, and the undeveloped area has a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered. Potential impacts to cultural resources, wetlands, or other resources and any resulting mitigation from recreational development would be evaluated during a site-specific environmental review.

Table 4-47. Parcel Information

Location Component	Parcel Specific Information
County, State	Houston, Tennessee
TVA D-Stage Map Numbers	120
Stream Mile and Bank	TRM 78.3R

Parcel 48 – (82.0 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along the left descending bank of Cane Creek. The land cover of this parcel is predominantly deciduous forest. The parcel provides beneficial habitat for several upland game animals, as well as a diversity of wetland wildlife species. Access is limited to the majority of this parcel. Historically, this parcel has received extensive ATV use, which is not permissible on TVA land. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No federally or state-listed species are known to occur on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-48. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29–SW
TVA D–Stage Map Numbers	120
Stream Mile and Bank	TRMs 78.5 to 78.8R
Land Use/Land Cover	Mixture of deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Continued efforts to eliminate unauthorized ATV use • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along the parcel boundary and shoreline • Mitigate ATV use impacts
Potential Partners	None identified

Parcel 49 – (21.9 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This small parcel is located directly upstream of Cane Creek. The land cover of this parcel is predominantly deciduous forest. The parcel provides beneficial habitat for several upland game animals, as well as a diversity of wetland wildlife species. Access is limited to the majority of this parcel. Historically, this parcel has received extensive ATV use, which is not permissible on TVA land. There is a high probability for the presence of cultural resources, but the area has not

been surveyed. No federally or state-listed species are known to occur on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-49. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	120
Stream Mile and Bank	TRMs 78.8-79.1R
Land Use/Land Cover	Deciduous forest
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along the parcel boundary and shoreline • Mitigate ATV use impacts
Potential Partners	None identified

Parcel 50 – (304.5 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This large parcel is located between Cane Creek and White Oak Creek. The land cover of this parcel is predominantly deciduous forest. The parcel provides beneficial habitat for several upland game animals, as well as a diversity of wetland wildlife species. Access is limited to the majority of this parcel. Historically, this parcel has received extensive ATV use, which is not permissible on TVA land. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. When TVA acquired this property, three cemeteries were present: Andrews, Akers, and Irish. No federally or state-listed species are known to occur on this parcel; however, the federally delisted but still monitored bald eagle has nested here in the past. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-50. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29–SW
TVA D–Stage Map Numbers	120 and 122
Stream Mile and Bank	TRMs 79.1 to 81.1R
Land Use/Land Cover	Deciduous forest
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along the parcel boundary and shoreline • Mitigate ATV use impacts
Potential Partners	None identified

Parcel 51 – (25.5 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of three noncontiguous tracts of land located along the right descending bank of White Oak Creek. The three tracts extend among TVA markers 122–38 to 122–37; 122–36 to 122–34; and 122–33 to 123–48. One bald eagle nest occurs within 660 feet of one of these tracts. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a medium probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered.

Table 4-51. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29–SW
TVA D–Stage Map Numbers	122 and 123
Stream Mile and Bank	White Oak Creek miles 0.2 to 1.9R
Land Use/Land Cover	Deciduous forest
Fronts Former TVA Tract (s)	XGIR–322, XGIR–323, XGIR–324, and XGIR–325
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	None identified

Parcel 52 – (6.2 acres)*RLMP Allocation: Zone 4, Natural Resource Conservation*

This small parcel is comprised of two tracts of land that are separated by Parcel 51 and is located along the right descending bank of White Oak Creek. The land cover of this parcel is predominantly deciduous forest. The parcel is accessible through public roads; however, because of their small size and proximity to potential residential development, public use of this area is very limited. There is a medium probability for the presence of cultural resources, but the area has not been surveyed for cultural resources. No federally or state-listed species are known to occur on this parcel; however, bald eagles have nested on the nearby private land in the past. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-52. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29–SW
TVA D–Stage Map Numbers	122
Stream Mile and Bank	TRM 80.8R
Land Use/Land Cover	Deciduous forest
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 53 – (7.2 acres)*RLMP Allocation: Zone 6, Developed Recreation*

This shoreline parcel is located along White Oak Creek, and TVA conveyed the back-lying property (XTGIR-100E) to the State of Tennessee for public recreation. A public boat-launching ramp and parking lot is maintained by the TWRA. Boundaries of the parcel extend between TVA markers 123–47 and 123–48. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-53. Parcel Information

Location Component	Parcel Specific Information
County, State	Houston, Tennessee
TVA D–Stage Map Numbers	123
Stream Mile and Bank	TRM 82R

Parcel 54 – (35.2 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts of land located along the right descending bank of White Oak Creek. The three tracts extend among TVA markers 123–47 to 123–7 and 123–24 to 123–15. This parcel lies entirely below the 375-foot msl, and the current land cover is wetlands. There is a medium probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. However, high quality wetlands encompass and front the entirety of this parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-54. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29–SW
TVA D–Stage Map Numbers	123
Stream Mile and Bank	White Oak Creek mile 2R
Land Use/Land Cover	Wetlands
Fronts Former TVA Tract (s)	XGIR–326, XGIR–327, XGIR–328, and XGIR–329
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Revocable license to Meriwether–Lewis Electric Cooperative for a transmission line

Parcel 55 – (6.7 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along the right descending bank of White Oak Creek. The land cover of this parcel is predominantly forested wetlands. The parcel is accessible through public roads; however, because of its small size and proximity to potential residential development, public use of this area is very limited. Historically, embankment plantings were established on

portions of this parcel. This parcel has received extensive unauthorized ATV use. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No federally or state-listed species are known to occur on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-55. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	123
Stream Mile and Bank	TRM 80.5R
Land Use/Land Cover	Forested wetlands and historic hardwood tree plantings
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Continued efforts to eliminate unauthorized ATV use • Systematic survey for historic properties • Wetland protection • Placement of TVA property and public lands signs along the parcel boundary and shoreline • Mitigate unauthorized ATV use impacts • Embankment planting research
Potential Partners	None identified

Parcel 56 – (103.8 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This parcel is located along the upper end of the White Oak Creek embayment. This parcel was previously converted to wetlands creating a wetland mitigation bank for the New Johnsonville Fossil Plant. There is a medium probability of the presence of cultural resources on this parcel; however, the area has not been surveyed. No federally or state-listed species are known to occur on the parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-56. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	123
Stream Mile and Bank	TRM 81.3R
Land Use/Land Cover	Deciduous forest, forested wetlands, and scrub-shrub wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Wetland mitigation site for New Johnsonville Fossil Plant
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Wetland protection and monitoring • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Establishment of native warm season grasses
Potential Partners	New Johnsonville Fossil Plant

Parcel 57 – (40.7 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is comprised of six small islands and two mainland tracts of land that are located along White Oak Creek. High quality wetlands cover the islands. The mainland tracts of land are under consideration for native warm season grass plantings or possibly a carbon sequestration project. There is a medium probability of the presence of cultural resources on this parcel, and no federally or state-listed species are known to be present. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-57. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	123
Stream Mile and Bank	TRM 81.3R
Land Use/Land Cover	Forested wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Establishment of native warm season grasses • Carbon sequestration project

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Partners	None identified

Parcel 58 – (36.1 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts of land located along the right descending bank of White Oak Creek. This parcel lies entirely below the 375-foot msl, and the current land cover is high quality wetlands. The parcel is also located adjacent to a wetland mitigation area. There is a medium probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. However, water use facilities will be limited in size and nature due to the presence of high-quality wetlands and the proximity of the wetland mitigation area. If approved, water use facilities would be constructed in a manner to avoid the wetland mitigation area. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-58. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	123
Stream Mile and Bank	White Oak Creek mile 2R
Land Use/Land Cover	Wetlands
Fronts Former TVA Tract (s)	XGIR-326, XGIR-327, XGIR-328, a portion of XGIR-330, XGIR-331, and XGIR-332
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	None identified

Parcel 59 – (8.0 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This small parcel is comprised of four islands that are located in the upper end of White Oak Creek embayment. While the majority of the parcel is predominantly deciduous forest, significant wetlands exist. These wetlands provide many functions, including habitat for a diversity of wildlife species. The parcel is accessible by boat only; therefore, public use is

limited. However, it is expected that hunting occurs on these islands. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No federally listed species are known to occur on the parcel. However, the state-listed alligator snapping turtle has been found on one of the islands. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-59. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	123
Stream Mile and Bank	TRM 81.3R
Land Use/Land Cover	Bottomland forested wetlands
Known Dispersed Recreation Opportunities	Limited hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Wetland and habitat protection
Potential Partners	None identified

Parcel 60 – (71.9 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of White Oak Creek extending between TVA markers 123-38 to 124-7. This parcel lies entirely below the 375-foot msl, and the current land cover is wetlands. There is a low to medium probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. However, high quality wetlands encompass and front the entirety of this parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-60. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	123
Stream Mile and Bank	White Oak Creek miles 2.2 to 3L
Land Use/Land Cover	Wetlands

Location Component and Public Involvement Opportunities	Parcel Specific Information
Fronts Former TVA Tract (s)	XGIR-333, XGIR-334, and a portion of XGIR-335
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	Revocable license to Meriwether-Lewis Electric Cooperative for electric utilities

Parcel 61 – (16.8 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is comprised of two distinct tracts of land that are located along the left descending bank of White Oak Creek. The land cover of this parcel is predominantly deciduous forest, and public access is limited to the majority of this land. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No federally or state-listed species are known to be present on this parcel. There are existing facilities on this parcel that could be permissible under TVA’s policies unless they are determined to be violations. However, requests for new private water use facilities would not be considered.

Table 4-61. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	123
Stream Mile and Bank	TRM 81.7R
Land Use/Land Cover	Deciduous forest
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along the parcel boundary and shoreline
Potential Partners	None identified

Parcel 62 – (7.2 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts of land and is located along the left descending bank of White Oak Creek. This parcel lies entirely below the 375-foot msl, and the current land use is a maintained lawn and wetlands. There is a medium probability for the presence of

cultural resources, but it has not been surveyed. Shamrock Club subdivision is located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. However, a wetland fronts a portion of the parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-62. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	123 and 125
Stream Mile and Bank	White Oak Creek mile 1.5 to 2LL
Land Use/Land Cover	Maintained lawn and wetlands
Fronts Former TVA Tract (s)	A portion of XGIR-335
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 63 – (11.6 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along the left descending bank of White Oak Creek. The land cover of the majority of this parcel is younger age deciduous forest with forested and scrub-shrub wetlands occurring along the shoreline fringe. The parcel is accessible through public roads; however, the small size and proximity to residential develop limits public use of this area. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. There is a medium probability of the presence of cultural resources on this parcel; however, the area has not been surveyed. No federally or state-listed species are known to occur on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-63. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	123 and 125
Stream Mile and Bank	TRM 81.8R

Location Component and Public Involvement Opportunities	Parcel Specific Information
Land Use/Land Cover	Mixture of deciduous forest and forested scrub-shrub wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 64 – (78.5 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of a large tract of land and is located along the left descending bank of White Oak Creek and the right descending bank of the Tennessee River. The parcel extends between TVA markers 125–45 to 128–22. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Beechwood Hills and Timberlake Village subdivisions and TVA–developed White Oak Creek Cabin Sites are located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-64. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Houston and Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	29–SW and 30–NW
TVA D–Stage Map Numbers	125
Stream Mile and Bank	White Oak Creek miles 0 to 1.4L TRMs 82 to 83.1R
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–5, XGIR–336, XGIR–337, XGIR–338, and XGIR–339
Structure Profile	Varies
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to Houston County, Tennessee for a boat landing – the boat landing has not been constructed • Permanent easement to Houston County, Tennessee for a roadway • Permanent easement to Humphreys, County, Tennessee for a roadway

Parcel 65 – (19.5 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This parcel is an island that is located in the main reservoir near the mouth of Greenbrier Creek. The land cover of this parcel is predominantly forested wetlands and provides habitat for a variety of wetland wildlife species. The parcel is accessible by boat only; therefore, public use is limited. There is a high probability for the presence of cultural resources. No federally or state-listed species are known to occur on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-65. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30-NW
TVA D-Stage Map Numbers	125 and 128
Stream Mile and Bank	TRM 83.0B
Land Use/Land Cover	Forested wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	Assess shoreline stabilization needs
Potential Partners	None identified

Parcel 66 – (24.9 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is comprised of two distinct tracts of land and is located at the mouth of Greenbrier Creek. The majority of this parcel consists of high quality forested wetland and provides habitat for a variety of wetland wildlife species. The parcel is accessible through public roads. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. There is a high probability for the presence of cultural resources; however, the area has not been surveyed. No federally or state-listed species are known to occur on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-66. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee

Location Component and Public Involvement Opportunities	Parcel Specific Information
Topographic Map (Sheet No. and Quadrant)	30–NW
TVA D–Stage Map Numbers	128
Stream Mile and Bank	TRM 83.2R
Land Use/Land Cover	Forested wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 67 – (3.1 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of a small tract of land and is located along the right descending bank of the Tennessee River. The parcel extends between TVA markers 128–23 to 128–24. This parcel lies entirely below the 375-foot msl, and the current land cover is wetlands. There is a high probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. However, high quality wetlands encompass and front the entirety of this parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-67. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–NW
TVA D–Stage Map Numbers	128
Stream Mile and Bank	TRM 83.2R
Land Use/Land Cover	Wetlands
Fronts Former TVA Tract (s)	A portion of XGIR–340
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Revocable license to Meriwether–Lewis Electric Cooperative for a transmission line

Parcel 68 – (103.3 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of a long and narrow tract of land and is located along the right descending banks of the Tennessee River and Turkey Creek. The parcel extends between TVA markers 128–25 to 129–20. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest and wetlands. There is a low to medium probability for the presence of cultural resources. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. However, high quality wetlands are located in Turkey Creek. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-68. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–NW
TVA D–Stage Map Numbers	128 and 129
Stream Mile and Bank	TRMs 83.3 to 85.5R Turkey Creek miles 0 to 1.2R
Land Use/Land Cover	Deciduous forest and wetlands
Fronts Former TVA Tract (s)	A portion of XGIR–340, XGIR–341, XGIR–342, XGIR–343, XGIR–344, XGIR–345, and XGIR–547
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable licenses to Meriwether–Lewis Electric Cooperative for electric utilities and a transmission line

Parcel 69 – (1.6 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small island parcel is located at the mouth of Turkey Creek. The land cover is predominantly forested wetlands, which provides habitat for a variety of wetland species. The parcel is accessible by boat only; therefore public use is limited, although some waterfowl hunting may occur. There is a medium probability of the presence of cultural resources on this parcel. No federally or state-listed species are known to occur on this parcel. No existing

shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-69. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30-NW
TVA D-Stage Map Numbers	129
Stream Mile and Bank	TRM 85.5B
Land Use/Land Cover	Forested wetlands
Known Dispersed Recreation Opportunities	Limited Hunting
Current Agreements/Commitments	None identified
Potential Projects	None identified
Potential Partners	None identified

Parcel 70 – (13.7 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located at the upper end of the Turkey Creek embayment. The majority of this parcel consists of younger age deciduous forest with forested and scrub-shrub wetlands occurring along the shoreline fringe. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. The parcel is accessible through public roads. There is a medium probability of the presence of cultural resources on this parcel; however, the area has not been surveyed. No federally or state-listed species are known to occur on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-70. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30-NW
TVA D-Stage Map Numbers	129
Stream Mile and Bank	TRM 85.6R
Land Use/Land Cover	Mixture of deciduous forest and forested scrub-shrub wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 71 – (13.3 acres)

RLMP Allocation: Zone 7, Shoreline Access

This small parcel is located along the left descending bank the Turkey Creek and extends between TVA markers 133–3 to 129–50. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest and wetlands. There is a medium probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. However, high quality wetlands encompass the entirety of this parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-71. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–NW
TVA D–Stage Map Numbers	129
Stream Mile and Bank	Turkey Creek mile 1R
Land Use/Land Cover	Deciduous forest and wetlands
Fronts Former TVA Tract (s)	A portion of XGIR–346
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Revocable license to Meriwether–Lewis Electric Cooperative for a transmission line

Parcel 72 – (21.0 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along Turkey Creek. This area is under a revocable license for commercial recreation and is managed as a component of Eagle Bay Marina. Current facilities include a marina, boat-launching ramp, and swimming beach. The less developed portions of the parcel have a medium probability for the presence of cultural resources, but the area has not been surveyed. Requests for use of TVA lands and associated water–based structures to support developed recreation purposes would be considered.

Table 4-72. Parcel Information

Location Component	Parcel Specific Information
County, State	Humphreys, Tennessee
TVA D–Stage Map Numbers	129
Stream Mile and Bank	TRM 85.8R

Parcel 73 – (69.6 acres)

RLMP Allocation: Zone 7, Shoreline Access

This linear parcel is located along the right descending banks of the Tennessee River and Big Richland Creek. This parcel extends between Parcel 72 and TVA marker 133–38. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest, maintained lawns, and road ROW. There is a low to medium probability for the presence of cultural resources. A bald eagle nesting record occurs within 660 feet of this parcel. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-73. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–NW
TVA D–Stage Map Numbers	129 and 133
Stream Mile and Bank	TRMs 85.9 to 88.3R Big Richland Creek miles 0 to 1.2R
Land Use/Land Cover	Deciduous forest, maintained lawns, and road ROW
Fronts Former TVA Tract (s)	A portion of XGIR–346, XGIR–347, XGIR–348, XGIR–349, XGIR–350, XGIR–351, XGIR–352, XGIR–353, XGIR–354, and a portion of XGIR–355
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable licenses to Meriwether–Lewis Electric Cooperative for electric utilities • Revocable license to Southern Bell Telephone and Telegraph Company for a telephone line

Parcel 74 – (11.2 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along Richland Creek and can be accessed by Clyde Road. This parcel is under a lease agreement (XGIR–936L) for commercial recreation and is managed as part of Mason’s Dock. Facilities provided at this area include a marina, boat-launching ramp, campground, rental cabins, restaurant, and play equipment. The area has a low probability for the presence of cultural resources, but the area has not been surveyed. Requests for use of TVA lands and associated water–based structures to support developed recreation purposes would be considered.

Table 4-74. Parcel Information

Location Component	Parcel Specific Information
County, State	Humphreys, Tennessee
TVA D–Stage Map Numbers	133
Stream Mile and Bank	TRM 88.3R

Parcel 75 – (94.9 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of Big Richland Creek and extends approximately 200 feet southwest of TVA marker 133–37 to TVA marker 134–17. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest and wetlands. There is a medium probability for the presence of cultural resources in this parcel. Approximately five water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. However, high quality wetlands encompass and front the entirety of this parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-75. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–NW and 30–NE
TVA D–Stage Map Numbers	134
Stream Mile and Bank	Big Richland Creek miles 1.3 to 2.7R
Land Use/Land Cover	Deciduous forest and wetlands

Location Component and Public Involvement Opportunities	Parcel Specific Information
Fronts Former TVA Tract (s)	A portion of XGIR-346, XGIR-347, XGIR-348, XGIR-349, XGIR-350, XGIR-351, XGIR-352, XGIR-353, XGIR-354, XGIR-356, and XGIR-357
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable licenses to Meriwether-Lewis Electric Cooperative for electric utilities and a transmission line • Revocable license to Southern Bell Telephone and Telegraph Company for a telephone line

Parcel 76 – (11.5 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is comprised of multiple small islands within Big Richland Creek. Also included in the parcel is a portion of the peninsula along the left descending bank near the mouth of the creek. This parcel is accessible by boat; however, some islands could be accessible by land during the winter months. The majority of the islands are comprised of forested wetlands with scrub-shrub wetlands occurring along the shoreline fringe. These wetlands provide habitat for a variety of wetland and riparian shoreline wildlife species. There is a medium probability of the presence of cultural resources in this area. No federally or state-listed species are known to occur on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-76. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30-NW
TVA D-Stage Map Numbers	134 and 135
Stream Mile and Bank	TRM 88.5B
Land Use/Land Cover	Mixture of forested and scrub-shrub wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 77 – (32.6 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located at the upper end of the Big Richland Creek embayment. The land cover for the majority of this parcel is younger age deciduous forest, with forested wetlands occurring along the shoreline fringe. Access is limited to the majority of this parcel. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. There is a medium probability for the presence of cultural resources on this parcel; however, the area has not been surveyed. No federally or state-listed species are known to occur on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-77. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30-NW
TVA D-Stage Map Numbers	134
Stream Mile and Bank	TRM 88.0R
Land Use/Land Cover	Mixture of deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 78 – (105.4 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of Big Richland Creek and extends between TVA markers 134-18 to 135-28. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest, maintained lawns, and wetlands. There is a medium probability for the presence of cultural resources. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. However, high quality wetlands encompass a large portion of this parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-78. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–NW and 30–NE
TVA D–Stage Map Numbers	134 and 135
Stream Mile and Bank	Big Richland Creek miles 0.5 to 3.1L
Land Use/Land Cover	Deciduous forest, maintained lawns, and wetlands
Fronts Former TVA Tract (s)	XGIR–358, XGIR–359, XGIR–360, and XGIR–565
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to Humphreys County, Tennessee for a roadway • Revocable license to South Central Bell for a telephone line

Parcel 79 – (28.2 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along the left descending bank of Big Richland Creek. Much of this parcel is prime farmland, and a 7-acre portion is under a term agricultural license for perennial hay. In addition, a small portion of this parcel is under a revocable license to support electric utilities. Roadway access is limited to the majority of this parcel. Historically, this parcel has received extensive unauthorized ATV use. There is a medium probability for the presence of cultural resources on this parcel; however, the area has not been surveyed. No federally or state-listed species are known to occur on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-79. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–NW
TVA D–Stage Map Numbers	135
Stream Mile and Bank	TRMs 89.0 to 89.5R
Land Use/Land Cover	Mixture of deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	<ul style="list-style-type: none"> • Term agricultural license for perennial hay • Revocable license to Meriwether–Lewis Electric Cooperative for electric utilities

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Continued efforts to eliminate unauthorized ATV use • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Mitigate unauthorized ATV usage impacts • Establishment of native warm season grasses
Potential Partners	None identified

Parcel 80 – (66.0 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of the Tennessee River and extends between TVA markers 135–29 to 135–36. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest, maintained lawns, and wetlands. There is a medium probability for the presence of cultural resources in this parcel. Richland Harbors Subdivision is located on a portion of the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Wetlands encompass a small portion of this parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-80. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–NW
TVA D–Stage Map Numbers	135
Stream Mile and Bank	TRMs 88.8 to 90R
Land Use/Land Cover	Deciduous forest, maintained lawns, and wetlands
Fronts Former TVA Tract (s)	XGIR–7, XGIR–361, XGIR–362, XGIR–363, and XGIR–364
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Revocable licenses to Meriwether–Lewis Electric Cooperative for electric utilities

Parcel 81 – (1,033.2 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This large parcel is located left descending bank of Big Richland Creek and extends south along the right descending bank to the mouth of Dry Creek. Several islands are also considered part of this parcel. This parcel is under the Bear Creek Management Unit Plan (TVA 2002). Access improvements have been made on the south end of the parcel. Investments in the road network facilitated forest management activities. Historically, pine stand thinning was conducted and an oak understory planting occurred. This parcel provides beneficial habitat for wild turkey and other upland game species. The northern half of this parcel has a medium probability for the presence of cultural resources, but the area has not been surveyed. The southern half of this parcel has a high probability for the presence of cultural resources. No federally or state-listed species are known to occur on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-81. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–NW and 30–SW
TVA D–Stage Map Numbers	135, 137, and 139
Stream Mile and Bank	TRMs 90.0 to 93.7R
Land Use/Land Cover	Mixture of deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	Hunting, wildlife observation, camping, and fishing
Current Agreements/Commitments	Revocable License to Meriwether Lewis Electric Cooperative for electric Utilities
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Prescribed burning • Enhanced management for wild turkey habitat • Forest management associated with wildlife habitat enhancement • Other projects addressed in the Bear Creek Unit Plan
Potential Partners	<ul style="list-style-type: none"> • Tennessee Wildlife Resources Agency • Tennessee Division of Forestry • National Wild Turkey Federation

Parcel 82 – (27.2 acres)

RLMP Allocation: Zone 6, Developed Recreation

This shoreline parcel is adjacent to former TVA land (XTGIR-103) that was transferred to the State of Tennessee for public recreation. Bear Creek Road provides access to the parcel. TWRA has developed a boat-launching ramp and parking lot on the southern end of this parcel. The remainder of the parcel is undeveloped and forested. There is a high probability for the presence of cultural resources, but the area has not been surveyed. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-82. Parcel Information

Location Component	Parcel Specific Information
County, State	Humphreys, Tennessee
TVA D-Stage Map Numbers	139
Stream Mile and Bank	TRM 92R

Parcel 83 – (10.0 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This small parcel consists of several small islands that are located near the mouth of Dry Creek. The majority of the islands consist of predominantly bottomland hardwood forest with significant, high quality wetlands along the shoreline. These islands provide habitat and nesting opportunities for waterfowl, wading birds, shorebirds and raptors. The parcel is accessible by boat only; therefore, public use is limited. There is a high probability for the presence of cultural resources, but the area has not been surveyed. No federally or state-listed species are known to occur on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-83. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton and Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–SW
TVA D–Stage Map Numbers	139
Stream Mile and Bank	TRMs 92.7 to 95R
Land Use/Land Cover	Bottomland hardwood forest
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Assess shoreline for stabilization needs
Potential Partners	None identified

Parcel 84 – (141.1 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of the Tennessee River and extends among TVA marker 13–18 to Lot 55 of Dry Creek Subdivision; Lot 54 of Dry Creek Subdivision to TVA marker 140–7; opposite bank of TVA marker 140–7 to TVA marker 140–12. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest, maintained lawns, and wetlands. There is a high probability for the presence of cultural resources in this parcel. TVA–developed Dry Creek Subdivision is located on a portion of the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Wetlands encompass a small portion of this parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-84. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–SW
TVA D–Stage Map Numbers	139 and 140
Stream Mile and Bank	TRMs 93.2 to 94R
Land Use/Land Cover	Deciduous forest, maintained lawns, and wetlands
Fronts Former TVA Tract (s)	XGIR–6, XGIR–302, XGIR–365, and XGIR–559
Structure Profile	Elevation 381–foot msl

Location Component and Public Involvement Opportunities	Parcel Specific Information
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to Meriwether–Lewis Electric Cooperative for electric utilities • Revocable license to Southern Bell Telephone and Telegraph Company for a telephone line

Parcel 85 – (31.1 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is comprised of one mainland tract of land located within Little Dry Creek. Access is limited to the majority of this parcel; therefore, public use is limited. The land cover of this parcel is predominantly deciduous forest with significant, high quality wetlands existing along the shoreline. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No federally or state-listed species are known to be present. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-85. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–SW
TVA D–Stage Map Numbers	140
Stream Mile and Bank	TRM 94.3
Land Use/Land Cover	Mixture of deciduous forest and forested scrub-shrub wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Wildlife Habitat Council project implementation • Install wood duck boxes
Potential Partners	Wildlife Habitat Council partnership with adjacent industries

Parcel 86 – (0.5 acre)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is comprised of two small islands located at the confluence of Little Dry Creek and the Tennessee River. The land cover of this parcel is predominantly deciduous forest with significant, high quality wetlands existing along the shoreline. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No federally or state-listed species are known to be present. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-86. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30-SW
TVA D-Stage Map Numbers	140
Stream Mile and Bank	TRM 94.3
Land Use/Land Cover	Mixture of deciduous forest and forested scrub-shrub wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Wildlife Habitat Council project implementation • Install wood duck boxes
Potential Partners	Wildlife Habitat Council partnership with adjacent industries

Parcel 87 – (155.5 acres)

RLMP Allocation: Zone 5, Industrial

This parcel consists of a large noncontiguous tract of land lying along the right descending bank between TRMs 94.2 and 96. Most of this parcel fronts two industrial sites, Inland Container Corporation and Consolidated Aluminum Corporation. However, there is some back-lying private property that could be considered for future industrial development. This undeveloped property along with the adjacent TVA land is deciduous forest. The undeveloped property has a medium probability for cultural resources, but only a portion has been surveyed. At least three historic cemeteries are present on the back-lying private property. Requests for use of TVA lands and associated water-based structures to support industrial purposes would be considered.

Table 4-87. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30-SW
TVA D-Stage Map Numbers	140 and 143A
Stream Mile and Bank	TRMs 94.2 to 96R
Land Use/Land Cover	Road and transmission line ROWs, industrial, and deciduous forest
Current Agreements/Commitments	Permanent easement to Inland Container Corporation for industrial purposes

Parcel 88 – (175.7 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along the right descending bank of Trace Creek. Access is limited to the majority of this parcel; therefore, public use is limited. The land cover of this parcel is predominantly deciduous forest. Habitat for upland game is present, and some hunting has occurred on this parcel. Historically, this parcel has received extensive unauthorized ATV use. There is a medium probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-88. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30-SW
TVA D-Stage Map Numbers	144
Stream Mile and Bank	TRM 96.3
Land Use/Land Cover	Mixture of deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	None identified

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Continued efforts to eliminate unauthorized ATV use • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Mitigate unauthorized ATV usage impacts • Manage habitat for wildlife diversity through selective timber harvests
Potential Partners	None identified

Parcel 89 – (409.3 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This large parcel is located at the upper end of Trace Creek embayment and is adjacent to Johnsonville State Historic Park. Access to this parcel is available through the adjacent state park. The land cover of a majority of the parcel is predominantly bottomland hardwood forest with significant, high quality wetlands along the shoreline. Historically, 78 acres of this parcel was in a revocable license for agricultural use for row crops, and this land remains in an open condition. This parcel provides habitat for many game species providing hunting opportunities for the public. This parcel has received extensive unauthorized ATV use in the past. There is a high probability for the presence of cultural resources. No federally listed species are known to occur on this parcel. However, records for two state-listed species, northern pine snake and western pygmy rattlesnake, have been identified on the northwest portion of the parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-89. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30-SW
TVA D-Stage Map Numbers	143 and 144
Stream Mile and Bank	TRMs 96.3 to 97.0R
Land Use/Land Cover	Deciduous forest, forested wetlands, scrub-shrub wetlands, and open agricultural land
Known Dispersed Recreation Opportunities	Hunting, camping, and wildlife observation
Current Agreements/Commitments	Revocable license to Meriwether-Lewis Electric Cooperative for electric Utilities

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Continued efforts to eliminate unauthorized ATV use • Systematic survey for historic properties • Explore options for multi-use trails on upland portions of the parcel • Managing transmission line ROW for wildlife habitat enhancements • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Mitigate unauthorized ATV usage impacts • Establish native warm season grasses and legumes on former agricultural license area

Parcel 90 – (525.9 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located near the community of New Johnsonville and extends along Trace Creek. The bulk of the parcel is under a revocable license to the State of Tennessee and is managed as a part of Johnsonville State Historic Park. Management emphasis is on the protection and interpretation of historical and cultural features. Visitor accommodations include an interpretive center, museum, picnic facilities and trails.

The northeastern section of this parcel is under an easement (XGIR-949RE) to Pebble Isle Marina for commercial recreation purposes. Facilities at this area include a marina, campground, restaurant, and boat-launching ramp. In the non-commercially developed area, there is a high probability for cultural resources. Further development of the historic park will require evaluation of ground disturbing activities. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-90. Parcel Information

Location Component	Parcel Specific Information
County, State	Humphreys, Tennessee
TVA D-Stage Map Numbers	143A
Stream Mile and Bank	TRM 97R

Parcel 91 – (0.1 acre)*RLMP Allocation: Zone 4, Natural Resource Conservation*

This small parcel is an island located upstream of Trace Creek. The parcel is accessible by boat only; therefore, public use is limited. The land cover of this parcel is predominantly deciduous forest with fringe wetlands along the shoreline. There is a low probability for the presence of cultural resources. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-91. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30-SW
TVA D-Stage Map Numbers	149
Stream Mile and Bank	TRM 98.9R
Land Use/Land Cover	Mixture of deciduous forest and wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	None identified
Potential Partners	None identified

Parcel 92 – (4.7 acres)*RLMP Allocation: Zone 2, Project Operations*

This parcel is located adjacent to the Johnsonville Fossil Plant reservation and contains a portion of the ROW for US-70 and TSR-1. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-92. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30-SW
TVA D-Stage Map Numbers	149 and 155
Stream Mile and Bank	TRM 100.6R
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	Bank fishing
Current Agreements/Commitments	Permanent easement to Tennessee Department of Transportation for a highway
Potential Projects	None identified

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Partners	Tennessee Department of Transportation

Parcel 93 – (3.5 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located near US-70 and includes two separate recreation areas. The northern portion of the parcel, which is immediately adjacent to the highway, has been licensed to TWRA for public recreation. This area includes a boat-launching ramp and parking lot. The southern (upstream) portion of the parcel has been licensed for commercial recreation to Anchor Harbor Marina. Current facilities include a campground, boat-launching ramp, and boat slips. There is a low probability for the presence of cultural resources in this parcel. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-93. Parcel Information

Location Component	Parcel Specific Information
County, State	Humphreys, Tennessee
TVA D–Stage Map Numbers	149
Stream Mile and Bank	TRM 100.6R

Parcel 94 – (18.7 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of the Tennessee River and extends between TVA markers 1 and 2 as noted on TVA’s Land Sale Map 08MS421A552–155. This parcel lies entirely below the 375-foot msl, and the current land use is maintained lawns and wetlands. There is a medium probability for the presence of cultural resources on this parcel. New Johnsonville Subdivision is located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Wetlands encompass a small portion of this parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-94. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–SW
TVA D–Stage Map Numbers	155
Stream Mile and Bank	TRM 100.6R
Land Use/Land Cover	Maintained lawns and wetlands
Fronts Former TVA Tract (s)	XGIR–200
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 95 – (36.0 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along Indian Creek and has been developed for public recreation by the Town of New Johnsonville. This parcel is under a recreation easement agreement (XTGIR-121RE). Park facilities include ball fields, restrooms, trails, and picnic sites. The undeveloped area has a medium probability for the presence of cultural resources, but the area has not been surveyed. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-95. Parcel Information

Location Component	Parcel Specific Information
County, State	Humphreys, Tennessee
TVA D–Stage Map Numbers	155
Stream Mile and Bank	TRM 101R

Parcel 96 – (43.0 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is comprised of three small islands and a small tract on the mainland. This parcel is located slightly upstream of Johnsonville Fossil Plant. The land cover for a majority of this parcel is high quality forested and scrub-shrub wetlands. A permanent easement for a public road exists on the eastern boundary of the mainland tract. Access to the parcel is available by this road. In addition, a navigation first class landing fronts one of islands at TRM 101.0R. There is a high probability for the presence of cultural resources, but only a portion of the area has been surveyed. No federally or state-listed species are known to be present on this

parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-96. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–SW
TVA D–Stage Map Numbers	155
Stream Mile and Bank	TRM 100.7R
Land Use/Land Cover	Mixture forested and scrub-shrub wetlands
Known Dispersed Recreation Opportunities	Wildlife observation and hunting
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 97 – (571.0 acres)

RLMP Allocation: Zone 5, Industrial

This parcel consists of a large noncontiguous tract of land lying along the right descending bank between TRMs 100.6 and 104. Approximately 85 acres of this tract is encumbered with transmission line or pipeline ROWs. A portion of this parcel also fronts the Humphreys County, Tennessee, industrial site, and the previous Vanguard Services industrial site. There is a substantial portion of this parcel, along with the back-lying private property, that could be considered for future industrial development. This undeveloped property along with the adjacent TVA land is deciduous forest with a medium to high probability for the presence of cultural resources. Significant wetlands are also present within Indian Creek. Potential impacts to these resources and any resulting mitigation from proposed industrial development would be evaluated during a site-specific environmental review. Requests for use of TVA lands and associated water-based structures to support industrial purposes would be considered.

Table 4-97. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–SW and 31–NW
TVA D–Stage Map Numbers	155 and 162
Stream Mile and Bank	TRMs 100.6 to 104R

Location Component and Public Involvement Opportunities	Parcel Specific Information
Land Use/Land Cover	Road and transmission line ROWs, industrial, wetlands, and deciduous forest
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easement to the City of New Johnsonville for a roadway • Permanent easement to Humphreys County, Tennessee for an industrial site and roadway • Permanent easement to Louisville and Nashville Railroad Company for a railroad • Permanent easement to Mid-Valley Pipeline Company for a pipeline • Revocable license to the City of New Johnsonville for sewer and water lines • Revocable license to Humphreys County, Tennessee, for a roadway • Term easement to Vanguard Services for a barge terminal

Parcel 98 – (42.9 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel is located along Indian Creek, a tributary to TRM 101R. This parcel is Zone 2 because it is encumbered by pipeline ROW and six 500-kV transmission line ROWs from Johnsonville Fossil Plant. Wetlands are also present along the shoreline. There is a low probability for undisturbed cultural resources within the transmission line and pipeline ROWs. Requests for private water use facilities would not be considered.

Table 4-98. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30-SW
TVA D-Stage Map Numbers	155
Stream Mile and Bank	Indian Creek mile 0.7L
Land Use/Land Cover	Transmission line and pipeline ROWs, wetlands, grassland
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	None identified
Potential Partners	None identified

Parcel 99 – (34.2 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This parcel contains the Tribble Woods Habitat Protection Area and is adjacent to the TNWR. The parcel is managed as a Habitat Protection Area targeting the protection of a population of short-stemmed iris, a stated-listed plant species. The iris population on this parcel occurs in the forested floodplain and requires little, if any, active management. Historically, this parcel has been used by wintering bald eagles. There is a high probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-99. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	31-NW
TVA D-Stage Map Numbers	162
Stream Mile and Bank	TRMs 104.1 to 104.5R
Land Use/Land Cover	Mixture of forested and scrub-shrub wetlands
Known Dispersed Recreation Opportunities	Wildlife observation and scientific research
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands/Habitat Protection Area signs along parcel boundaries and shoreline • Monitor short-stemmed iris population • Removal of invasive exotic vegetation
Potential Partners	None identified

Parcel 100 – (92.4 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel contains the levee and pump house associated with the Duck River Dewatering Area (see Section 2.3.2). The back-lying land is used to support the dewatering unit and is under agreement with the USFWS for the management of the TNWR. There is a high probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-100. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	31-NW
TVA D-Stage Map Numbers	156, 161, 169, and 170
Stream Mile and Bank	TRMs 105 to 110.5R Duck River miles 0 to 4R
Land Use/Land Cover	Pump house, levee, and shoreline fringe wetlands
Known Dispersed Recreation Opportunities	Wildlife observation
Current Agreements/Commitments	Agreement with U.S. Fish and Wildlife Service for the establishment and management of Tennessee National Wildlife Refuge
Potential Projects	Systematic survey for historic properties
Potential Partners	U.S. Fish and Wildlife Service

Parcel 101 – (23,758.3 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This large parcel contains all lands considered as part of the TNWR. In 1945, President Harry S. Truman signed Executive Order 9670 establishing the TNWR. This action approved the agreement between TVA and the U.S. Department of the Interior (DOI) allowing DOI certain management rights over approximately 27,508 acres of surface water and 23,820 acres of TVA land. The TNWR was thus established as a refuge area for migratory birds and other wildlife. Subsequently, the entire parcel is under an agreement with the USFWS for management of the refuge. The TNWR is comprised of three separate units: Duck River Unit (26,738 acres of surface water and TVA land), Big Sandy Unit (21,348 acres of surface water and TVA land), and Busseltown Unit (3,272 acres of surface water and TVA land). The refuge contains several habitats including open reservoir waters, bottomland hardwoods, upland oak/hickory forests, freshwater marsh and, open grasslands. The diversity of habitats found on TNWR provide habitat for hundreds of species of birds, fish, reptiles, and plants. The refuge provides ample opportunities for several dispersed recreation opportunities including fishing, limited hunting, hiking, wildlife observation, photography, and camping. For more information, including a comprehensive list of species found there, please visit the TNWR's Web site at <http://www.fws.gov/tennesseerefuge/>. There are records of eight state-listed plant species, Fraser loosestrife, Loessel's twayblade, river bulrush, short-beak arrowhead, smaller mud-plantain, sweetscent ladies'-tresses, sweet-scented indian-plantain, and Walter's barnyard grass. Four state-listed wildlife species have been recorded within this parcel, Bachman's

sparrow, bald eagle), great egret, and western pigmy rattlesnake. In addition to natural resources, there is a high probability for the presence of cultural resources on this parcel. There are four navigation first class landings on the TNWR; they are located at TRMs 105.4L, 110.2L, 116.8L, and 131.9L.

No private shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-101. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Humphreys, Perry, and Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–SE, 30–SW, 31–NW, and 31–SW
TVA D–Stage Map Numbers	148, 156, 157, 160, 169, 170, 179, and 189
Stream Mile and Bank	TRMs 104.5 to 120.3R and L, and includes portions of the Big Sandy and Duck rivers
Land Use/Land Cover	Open grasslands, deciduous upland forests, bottomland forests, scrub-shrub wetlands, forested wetlands, freshwater marsh and beaver ponds, managed dewatering unit areas with moist soil plants and agriculture, and mixed pine and hardwood forests
Known Dispersed Recreation Opportunities	Hunting, fishing, camping, boating, photography, wildlife observation, and hiking/biking
Current Agreements/Commitments	Memorandum of agreement with U.S. Fish and Wildlife Service to manage the refuge
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Projects as identified by U.S. Fish and Wildlife Service
Potential Partners	U. S. Fish and Wildlife Service

Parcel 101a – (13.7 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located in the Blue Creek embayment and Cuba Marina Road provides access to the area. Though this parcel is part of the Tennessee National Wildlife Refuge, it is managed by TVA for commercial recreation. Cuba Landing Marina, including 260-wet slips, fuel dock and ships store has been operated at this location since 1984. TWRA maintains a public boat-launching ramp and parking area at this location. The undeveloped area has a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-101a. Parcel Information

Location Component	Parcel Specific Information
County, State	Humphreys, Tennessee
TVA D–Stage Map Numbers	185
Stream Mile and Bank	TRM 115.4R

Parcel 101b – (1.1 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of three small noncontiguous tracts of land that were once part of the Tennessee National Wildlife Refuge. This parcel is near Hantioch Harbor Resort and is accessed by Antioch Harbor Road. The parcel provides access to a boat-launching ramp and there is a paved parking lot on the back-lying property. Existing shoreline improvements are currently present, and future requests for private water use facilities would be considered. There is a high probability for cultural resources.

Table 4-101b. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–SE
TVA D–Stage Map Numbers	86
Stream Mile and Bank	Big Sandy River mile 6.2L
Land Use/Land Cover	Deciduous forest and maintained lawn
Fronts Former TVA Tract (s)	XGIR–654, XGIR-653
Structure Profile	Varies
Current Agreements/Commitments	None identified

Parcel 102 – (486.8 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This parcel consists of all the property allocated to Zone 3 (Sensitive Resource Management) between Duck River miles 10 and 18. A portion of this parcel is also adjacent to the TNWR. Much of this parcel is prime farmland, and approximately 108 acres is currently under term agricultural licenses for perennial hay and row crops. In addition, small portions of this parcel are under linear revocable licenses to support local utilities. The parcel provides multiple dispersed recreational opportunities including fishing, hunting, wildlife observation, photography, and hiking.

This parcel contains the visually significant Paint Rock Bluff Small Wild Area consisting of approximately 76 acres of unique rock features. Paint Rock Bluff is formed from thin-bedded limestone, having a light red hue. This color aberration makes it distinctive from other bluffs located along Kentucky Reservoir. No federally listed species are known to occur on this parcel. However, three state-listed aquatic species, Slabside pearlymussel, Coppercreek darter and Slenderhead darter, have been found in the Duck River fronting this parcel. Historically, this parcel has been used by wintering bald eagles. There is a high probability for the presence of cultural resources, but only a small portion of the area has been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-102. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30-SE and 31-NE
TVA D-Stage Map Numbers	146, 148, 157, and 159
Stream Mile and Bank	Duck River miles 10 to 18B
Land Use/Land Cover	Mixture of limestone bluffs, deciduous forest, forested and scrub-shrub wetlands, perennial hay, and agricultural row crops
Known Dispersed Recreation Opportunities	Fishing, hiking, photography, wildlife observation, camping, and hunting
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to Meriwether-Lewis Electric Cooperative for electric utilities • Revocable license to Southern Bell Telephone and Telegraph Company for telephone lines • Term agricultural licenses for perennial hay and row crops
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Wetland protection • Establishment of native warm season grasses • Removal of invasive exotic vegetation on Paint Rock Bluff Small Wild Area
Potential Partners	Agricultural licensees

Parcel 103 – (5.5 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the Duck River and Bakerville Road provides access to the area. This parcel is adjacent to land that has been transferred to the State of Tennessee for public recreation. TWRA maintains a boat-launching ramp and parking area at this location. The

undeveloped area has a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-103. Parcel Information

Location Component	Parcel Specific Information
County, State	Humphreys, Tennessee
TVA D–Stage Map Numbers	146
Stream Mile and Bank	Duck River mile 10.5R

Parcel 104 – (0.6 acre)

RLMP Allocation: Zone 2, Project Operations

This parcel is a small tract of land located along both banks of Duck River mile 11.7 and contains a portion of the ROW and a bridge for Humphreys County Road 570. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-104. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–SE
TVA D–Stage Map Numbers	146
Stream Mile and Bank	Duck River mile 11.7B
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	Bank fishing and canoeing
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easement to Humphreys County for a roadway • Revocable license to Meriwether–Lewis Electric Cooperative for electric utilities • Revocable license to Southern Bell for telephone lines
Potential Projects	None identified
Potential Partners	Humphreys, Tennessee

Parcel 105 – (12.7 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of the Duck River and extends between TVA markers 146–50 to 146–51. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest and wetlands. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. Sensitive cultural and natural resources are prevalent within the Duck River. In addition, wetlands encompass the entirety of this parcel. Potential impacts to these resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-105. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–SE
TVA D–Stage Map Numbers	146
Stream Mile and Bank	Duck River mile 12.2R
Land Use/Land Cover	Deciduous forest and wetlands
Fronts Former TVA Tract (s)	XGIR–485
Structure Profile	Varies
Current Agreements/Commitments	None identified

Parcel 106 – (2.1 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of the Duck River and extends between TVA markers 158–30 to 158–33. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest and grasslands. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. Sensitive cultural and natural resources are prevalent within the Duck River. Potential impacts to these resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-106. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	31-NE
TVA D-Stage Map Numbers	159
Stream Mile and Bank	Duck River mile 17.1R
Land Use/Land Cover	Deciduous forest and grasslands
Fronts Former TVA Tract (s)	XGIR-486
Structure Profile	Varies
Current Agreements/Commitments	Permanent easement to Humphreys, Tennessee for a roadway

Parcel 107 – (25.7 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts of land located along the left descending bank of the Duck River. The southernmost tract extends between TVA markers 159-21 to 159-22; the northernmost tract extends between TVA markers 157-59 to 157-60. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest and wetlands. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. Sensitive cultural and natural resources are prevalent within the Duck River. In addition, wetlands are present along portions of this parcel. Potential impacts to these resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-107. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30-SE and 31-NE
TVA D-Stage Map Numbers	157 and 159
Stream Mile and Bank	Duck River miles 14.6L and 15.4L
Land Use/Land Cover	Deciduous forest and wetlands
Fronts Former TVA Tract (s)	XGIR-487 and XGIR-488
Structure Profile	Varies
Current Agreements/Commitments	None identified

Parcel 108 – (11.9 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of the Duck River and extends between TVA markers 148–53 to 146–52. This parcel lies entirely below the 375-foot msl, and the current land use is agriculture. There is a high probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. Sensitive natural resources are prevalent within the Duck River. In addition, wetlands are present along portions of this parcel. Potential impacts to these resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-108. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–SE
TVA D–Stage Map Numbers	146 and 148
Stream Mile and Bank	Duck River mile 10.4L
Land Use/Land Cover	Perennial hay and scattered shoreline wetlands
Fronts Former TVA Tract (s)	XGIR–489
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Term agricultural license for perennial hay

Parcel 109 – (129.1 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is comprised of several smaller tracts of land. The majority of this parcel is comprised of islands located across from Morgan Creek. The land cover of this parcel is predominantly a mixture of forested and scrub-shrub wetlands. This relatively isolated parcel supports a wide variety of small game species. This parcel contains prime waterfowl production and resting/feeding areas and habitat capable of supporting a wide variety of wetlands wildlife species. There is a medium probability for the presence of cultural resources on this parcel, but it has not been surveyed. No federally or state-listed species are known to be present on this parcel. No private shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-109. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee

Location Component and Public Involvement Opportunities	Parcel Specific Information
Topographic Map (Sheet No. and Quadrant)	31-SW
TVA D-Stage Map Numbers	189
Stream Mile and Bank	TRMs 118.6 to 119.4R
Land Use/Land Cover	Bottomland forest, forested wetlands, and scrub-shrub wetlands
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 110 – (2.9 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of two small tracts of land located in Perry County, Tennessee. Portions of the ROW for the Perry County roads of Lower Roans Creek Road and Driftwood Subdivision Road are located on this parcel. Requests for private water use facilities would not be considered.

Table 4-110. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	31-SW
TVA D-Stage Map Numbers	193
Stream Mile and Bank	TRM 123R
Land Use/Land Cover	Road ROW and deciduous forest
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Permanent easement to Perry County, Tennessee, for a roadway
Potential Projects	None identified
Potential Partners	Perry, Tennessee

Parcel 111 – (28.1 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located at the upper end of Roan Creek embayment. The land cover of this parcel is predominantly a mixture of deciduous forest and forested wetlands. A small portion of this parcel is under a linear revocable license to support electric utilities. Access to the parcel is

limited to road only, and there is no access via boat because this parcel is separated from the reservoir by private property. Historically, embankment plantings were established on portions of this parcel. There is a medium probability for the presence of cultural resources on this parcel, but it has not been surveyed. No federally or state-listed species are known to be present on this parcel. No private shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-111. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	31-SW
TVA D-Stage Map Numbers	193
Stream Mile and Bank	TRM 123.0R
Land Use/Land Cover	Deciduous forest, forested wetlands, and historic bottomland tree plantings
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Revocable license to Meriwether-Lewis Electric Cooperative for electric utilities
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Conducting research on historic bottomland hardwood plantings
Potential Partners	Universities or other research institutions

Parcel 112 – (11.4 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along the right descending bank of Toms Creek. The land cover of this parcel is predominantly a mixture of deciduous forest and forested wetlands. This parcel serves as a visual buffer from nearby shoreline development and provides numerous riparian habitat functions. Historically, embankment plantings were established on portions of this parcel. There is a medium probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. No private shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-112. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee

Location Component and Public Involvement Opportunities	Parcel Specific Information
Topographic Map (Sheet No. and Quadrant)	31-SW
TVA D-Stage Map Numbers	193
Stream Mile and Bank	TRM 124.0R
Land Use/Land Cover	Deciduous forest, forested wetlands, and historic bottomland tree plantings
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Revocable license to a private individual for public water supply purposes
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Conducting research on historic bottomland hardwood plantings
Potential Partners	Universities or other research institutions

Parcel 113 – (27.6 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along the upper end of Toms Creek embayment. The land cover of this parcel is predominantly a mixture of deciduous forest and forested wetlands. Portions of the shoreline have steep topography. A limited variety of wildlife utilizes available habitats. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. Historically, embankment plantings were established on portions of this parcel. There is a medium probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. No private shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-113. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	32-NW
TVA D-Stage Map Numbers	193
Stream Mile and Bank	TRM 124.1R
Land Use/Land Cover	Mixture of deciduous forest, forested wetlands, and historic bottomland tree plantings
Known Dispersed Recreation Opportunities	Limited hunting
Current Agreements/Commitments	Revocable license to Meriwether-Lewis Electric Cooperative for electric utilities
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Conducting research on historic bottomland hardwood plantings

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Partners	Universities or other research institutions

Parcel 114 – (1.3 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of a small tract of land located in Perry County, Tennessee, and contains a portion of the ROW for Toms Creek Road, a Perry County road. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-114. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	32-NW
TVA D-Stage Map Numbers	194
Stream Mile and Bank	Toms Creek mile 1.9R
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Revocable license to Meriwether-Lewis Electric Cooperative for a transmission line ROW
Potential Projects	None identified
Potential Partners	<ul style="list-style-type: none"> • Perry, Tennessee; • Meriwether-Lewis Electric Cooperative

Parcel 115 – (48.0 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This parcel supports the Lady’s Bluff Small Wild Area. The parcel is managed to preserve unique natural features such as waterfalls, caves, ravines, scenic views, and plant life. A trail system presents the public with opportunities for hiking, wildlife and wildflower observation, and impressive views of Kentucky Reservoir and the surrounding countryside. This trail has both national and state recreation trail designations. A small parking lot and informative signs give access to this heavily used trail. A dispersed recreation inventory was conducted in 2009, and the analysis identified three heavily used recreation sites located on a portion of the parcel. These sites have significant impacts associated with them and are considered sites in need for management actions. No federally or state-listed species are known to be present on this

parcel. One cave occurs within 200 feet of this parcel. There is a high probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-115. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-NE
TVA D-Stage Map Numbers	199 and 200
Stream Mile and Bank	TRMs 130.4 to 130.7R
Land Use/Land Cover	Mixture of deciduous forest and limestone bluffs
Known Dispersed Recreation Opportunities	Hiking, photography, wildlife observation, and camping
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Mitigate impacts associated with dispersed recreation sites • Non-native invasive plant control • Trail maintenance
Potential Partners	Natural Resources Conservation Service

Parcel 116 – (27.1 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along the right descending bank of Lick Creek. The land cover of this parcel is predominantly a mixture of deciduous forest and forested wetlands. Established road access supports various dispersed recreation opportunities on this parcel. A dispersed recreation impact analysis was conducted in 2009, and three moderately impacted dispersed use sites were found on the point of this parcel. There is a medium probability for the presence of cultural resources on this parcel, but it has not been surveyed. No federally or state-listed species are known to be present on this parcel. No private shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-116. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-NE
TVA D-Stage Map Numbers	199
Stream Mile and Bank	TRMs 130.1 to 130.7R

Location Component and Public Involvement Opportunities	Parcel Specific Information
Land Use/Land Cover	Mixture of deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	Bank fishing, picnicking, swimming, and camping
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Mitigate impacts associated with dispersed recreation sites
Potential Partners	None identified

Parcel 117 – (5.1 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along Lick Creek and is accessible from Lick Creek Road. This shoreline parcel abuts a tract previously transferred to the State of Tennessee for public recreation. TWRA maintains a boat-launching ramp and parking lot at this area. The undeveloped portion of this parcel has a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-117. Parcel Information

Location Component	Parcel Specific Information
County, State	Perry, Tennessee
TVA D–Stage Map Numbers	199
Stream Mile and Bank	TRM 131R

Parcel 118 – (84.7 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is comprised of several small tracts of land including several small islands and is located in the upper end of the Lick Creek embayment. The land cover of this parcel is predominantly a mixture of deciduous forest and forested wetlands. Approximately 2 acres of the eastern most portion of this parcel is currently under a term agricultural license for hay production. Other portions of this parcel provide beneficial habitat for several upland game animals, as well as a diversity of wetland wildlife species. Multiple dispersed recreation opportunities are available on this site, and historically, this parcel has received extensive unauthorized ATV use. There is a medium probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. No

private shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-118. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-NE and 32-NW
TVA D-Stage Map Numbers	199
Stream Mile and Bank	TRM 130.5R
Land Use/Land Cover	Mixture of deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	Term agricultural license for hay production
Potential Projects	<ul style="list-style-type: none"> • Continued efforts to eliminate unauthorized ATV use • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Mitigate unauthorized ATV usage impacts
Potential Partners	None identified

Parcel 119 – (10.4 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of the Tennessee River and along Lick Creek. This parcel extends between TVA markers 199-50 to 199-51. This parcel lies entirely below the 375-foot msl, and the current land use is for agriculture. There is a medium probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. Wetlands are present along portions of this parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-119. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	32-NW
TVA D-Stage Map Numbers	199
Stream Mile and Bank	TRM 130.9R

Location Component and Public Involvement Opportunities	Parcel Specific Information
Land Use/Land Cover	Agriculture (perennial hay) and wetlands
Fronts Former TVA Tract (s)	XGIR-689
Structure Profile	Elevation 384-foot msl
Current Agreements/Commitments	Term agricultural license for perennial hay

Parcel 120 – (2.5 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along the left descending bank of Lick Creek and extends between TVA markers 199-30 and 199-31. There is a medium probability for the presence of cultural resources on this parcel, but it has not been surveyed. No federally or state-listed species are known to be present on this parcel. No private shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-120. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-NE and 32-NW
TVA D-Stage Map Numbers	199
Stream Mile and Bank	TRM 130.5R
Land Use/Land Cover	Mixture of deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 121 – (1,191.1 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located approximately 3 miles north of US-412. A permanent easement (XTGIR-115RE) has been conveyed to the State of Tennessee for Mousetail Landing State Park. Park facilities include a visitor center, trails, campground, picnic areas, swimming beach, and shoreline fishing facilities. One cave occurs on this parcel. There is a high probability for the presence of cultural resources, but the area has not been surveyed. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-121. Parcel Information

Location Component	Parcel Specific Information
County, State	Perry, Tennessee
TVA D–Stage Map Numbers	199 and 206
Stream Mile and Bank	TRM 132R

Parcel 122 – (23.1 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along the upper end of Spring Creek embayment. The land cover of this parcel is predominantly a mixture of deciduous forest and forested wetlands. A small portion of this parcel is under a linear revocable license to support electric utilities. In addition, a small portion of this parcel is separated from the remainder of the parcel by a public road. Hunting opportunities are available on this parcel. There is a medium probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. No private shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-122. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	22–NE
TVA D–Stage Map Numbers	206 and 207
Stream Mile and Bank	TRMs 133.1 to 133.4R
Land Use/Land Cover	Mixture of deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	Revocable license to Meriwether–Lewis Electric Cooperative for electric utilities
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 123 – (0.4 acre)

RLMP Allocation: Zone 3, Sensitive Resource Management

This small parcel is comprised of two small islands located in the upper end of Spring Creek. The parcel is accessible by boat; however, public use of this area is very limited. High quality wetlands provide habitat for a variety of wetland species. No federally or state-listed species are known to occur on this parcel. There is a medium probability for the presence of cultural

resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-123. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-NE
TVA D-Stage Map Numbers	206
Stream Mile and Bank	TRM 133.2R
Land Use/Land Cover	Mixture of deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 124 – (0.4 acre)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of a small tract of land located in Perry County, Tennessee, and contains portions of the ROW for Perry County Roads 50 and 438. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-124. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-NE
TVA D-Stage Map Numbers	207
Stream Mile and Bank	TRM 133R
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Revocable license to Meriwether-Lewis Electric Cooperative for a transmission line ROW
Potential Projects	None identified
Potential Partners	<ul style="list-style-type: none"> • Perry, Tennessee • Meriwether-Lewis Electric Cooperative

Parcel 125 – (15.7 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of the Tennessee River and along Spring Creek. This parcel extends between TVA markers 207–44 to parcel 122. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns.

There is a medium probability for the presence of cultural resources. Spring Creek Summer Home Place Subdivision is located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Wetlands are present along portions of this parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-125. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-NE
TVA D-Stage Map Numbers	207
Stream Mile and Bank	TRM 133R
Land Use/Land Cover	Deciduous forest, maintained lawn, and wetlands
Fronts Former TVA Tract (s)	XGIR-504
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 126 – (38.9 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along Spring Creek and is upstream from Mousetail Landing State Park. Perryville Bottom Road provides access to this parcel. An easement (XTGIR-109E) covering the eastern portion of this parcel has been conveyed to the State of Tennessee. A boat-launching ramp, courtesy dock, and parking lot have been developed.

The western portion of the parcel was originally developed by TVA as a public recreation area. This area is managed as part of Mousetail Landing State Park for primitive camping with 16 campsites. Campsites are gravel with timber edging, a fire ring, and lantern pole. Campsites do not have electric or water. The paved campground road terminates at a small parking area at the river where there is a swing and three picnic tables for day use. The Spring Creek Trail is

also present in this area. The undeveloped area has a high probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-126. Parcel Information

Location Component	Parcel Specific Information
County, State	Perry, Tennessee
TVA D-Stage Map Numbers	207
Stream Mile and Bank	TRM 133R

Parcel 127 – (0.5 acre)

RLMP Allocation: Zone 2, Project Operations

This parcel contains the pump house associated with the East Perryville Dewatering Area. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-127. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-NE
TVA D-Stage Map Numbers	207
Stream Mile and Bank	TRM 133.2R
Land Use/Land Cover	Pump house and levee
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	Restore pump house
Potential Partners	None identified

Parcel 128 – (731.7 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This large parcel is located slightly downstream of Cypress Creek and is bisected by TSR-20 and TSR-100. Access to the parcel is readily available through either the adjacent state park or public roads. This parcel contains the East Perryville Dewatering Unit. The dewatering unit consisted of 3,200 linear feet of constructed levee, 3.4 miles of drainage ditches, and a pumping station. The dewatering unit consists of approximately 344 acres of which 250 acres are dewatered. In 1992, the levee was breached by a large flood. Therefore, this water in the area

fluctuates with the elevation of Kentucky Reservoir. The area around the pump house receives a great deal of fishing from visitors to the adjacent Mousetail Landing State Park. Due to the presence of the dewatering unit, there are several high quality wetlands present providing excellent habitat and nesting sites for a variety of waterfowl and other wetland wildlife species. Historically, this parcel has received unauthorized ATV use. No federally or state-listed species are known to be present on this parcel. However, the parcel is used as foraging habitat by the federally endangered gray bat which are known to utilize nearby Featherfoot Cave across the reservoir. In addition, there is a high probability for the presence of cultural resources on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered. A first class navigation safety landing fronts the shoreline of this parcel.

Table 4-128. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-NE and 22-SE
TVA D-Stage Map Numbers	207 and 209
Stream Mile and Bank	TRMs 133.4 to 136.3R
Land Use/Land Cover	Forested wetlands, emergent wetlands, scrub-shrub wetlands, open water, and bottomland hardwood forest
Known Dispersed Recreation Opportunities	Hunting, photography, and wildlife observation
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Continued efforts to eliminate unauthorized ATV use • Mitigate impacts from unauthorized ATV usage • Systematic survey for historic properties • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Restore dewatering unit to full potential
Potential Partners	<ul style="list-style-type: none"> • Tennessee Wildlife Resources Agency • Ducks Unlimited • U. S. Fish and Wildlife Services

Parcel 129 – (13.1 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of two noncontiguous small tracts of land. One tract is located along both sides of TRM 134.9 in Decatur and Perry counties, Tennessee. This parcel contains portions of the ROWs for US-412 and TSR-20 and TSR-100. The Alvin C. York Bridge connects both

banks of the Tennessee River. There is a low probability for the presence of undisturbed cultural resources on the ROW. The second tract consists of a navigation first class landing at TRM 135.5R. There is a high probability for the presence of cultural resources on this second tract, but it has not been surveyed. Requests for private water use facilities would not be considered.

Table 4-129. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur and Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-NE and 22-SE
TVA D-Stage Map Numbers	207, 208, and 209
Stream Mile and Bank	TRM 133R
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	Bank fishing
Current Agreements/Commitments	Revocable license to Parsons Telephone Company for telephone lines
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 130 – (14.5 acres)

RLMP Allocation: Zone 5, Industrial

This parcel consists is located along the right descending bank at TRM 136.1. Portions of this parcel are under a 30-year industrial easement (XGIR-984BT) to Teague Brothers Sand and Gravel Company for barge a terminal. The majority of the shoreline has been cleared of vegetation, but a portion of the inland area of the property remains in deciduous forest. Requests for use of TVA lands and associated water-based structures to support industrial purposes would be considered.

Table 4-130. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-SE
TVA D-Stage Map Numbers	209
Stream Mile and Bank	TRM 136.1R
Land Use/Land Cover	Industrial and deciduous forest
Current Agreements/Commitments	Term easement to Teague Brothers Sand and Gravel Company for a barge terminal

Parcel 131 – (99.5 acres)*RLMP Allocation: Zone 3, Sensitive Resource Management*

This large parcel is comprised of one mainland tract of land and several small islands and is located in the upper end of the Cypress Creek embayment. Public Access is limited to the majority of this parcel, and a small portion of this parcel is under a permanent easement to support a gas pipeline. The land cover of this parcel is predominantly deciduous forest with forested and scrub-shrub wetlands present along the shoreline. No federally or state-listed species are known to be present on this parcel. In addition, there is a high probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-131. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-SE
TVA D-Stage Map Numbers	209
Stream Mile and Bank	TRMs 136.4 to 136.7R
Land Use/Land Cover	Deciduous forest, forested wetlands, and scrub-shrub wetlands
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	Permanent easement to Tennessee Gas Transmission Company for a gas pipeline
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Wetlands protection and enhancement
Potential Partners	None identified

Parcel 132 – (29.4 acres)*RLMP Allocation: Zone 4, Natural Resource Conservation*

This small parcel is comprised of several distinct tracts of land and is located along the left descending bank of Cypress Creek. The parcel has a diversity of habitats present, including open grassland, forested and scrub-shrub wetlands, and deciduous forest. This parcel also provides beneficial habitat for several game animals and a diversity of wetland wildlife species. A small portion of the parcel is used extensively for primitive camping, and another portion of

the parcel has received some illegal dumping of trash and litter. There is a medium probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. There are existing facilities on this parcel that could be permissible under TVA’s policies unless they are determined to be violations. However, requests for new private water use facilities would not be considered.

Table 4-132. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-SE
TVA D-Stage Map Numbers	209
Stream Mile and Bank	TRM 136.6R
Land Use/Land Cover	Deciduous forest, forested wetlands, scrub-shrub wetlands, and open grassland
Known Dispersed Recreation Opportunities	Hunting, wildlife observation, and camping
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Continued efforts to eliminate unauthorized land use • Systematic survey for historic properties • Wetland protection • Mitigate impacts associated with dispersed recreation use • Mitigate impacts caused by unauthorized dumping of trash • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 133 – (41.8 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of two tracts of land along the right descending bank of TRM 137.1. Three pipelines encumber this parcel. Wetlands are also present on the parcel and along the shoreline. There is a high probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-133. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-SE
TVA D-Stage Map Numbers	209
Stream Mile and Bank	TRM 137.1R
Land Use/Land Cover	Grassland and wetland
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Three permanent easements to Tennessee Gas Transmission Company for pipeline ROWs
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 134 – (20.8 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along Cypress Creek and is approximately 1 mile south of US-412. A portion of this parcel is under a license agreement to Cypress Creek Marina for commercial recreation. Approximately 7 acres of the inland portion of the property remains in deciduous forest. The northern portion of this parcel has a high probability for the presence of cultural resources and the southern portion of this parcel has a low probability for cultural resources. Facilities on the parcel include a marina, boat-launching ramp, and parking lot. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-134. Parcel Information

Location Component	Parcel Specific Information
County, State	Perry, Tennessee
TVA D-Stage Map Numbers	209
Stream Mile and Bank	TRM 136.5R

Parcel 135 – (10.4 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small and linear parcel is located downstream of Marsh Creek. The back-lying land use is residential, and some unauthorized vegetation removal has occurred on portions of this parcel. The parcel is accessible through public roads; however, due to its small size and proximity to nearby development, public use of this area is very limited. This parcel serves as a visual buffer

from nearby shoreline development in addition to providing numerous riparian habitat functions. There is a medium probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. There are existing facilities on this parcel that could be permissible under TVA’s policies unless they are determined to be violations. However, requests for new private water use facilities would not be considered.

Table 4-135. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	22–SE
TVA D–Stage Map Numbers	209 and 223
Stream Mile and Bank	TRMs 137.4 to 137.7R
Land Use/Land Cover	Deciduous forest and grasslands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to Meriwether–Lewis Electric Cooperative for electric utilities • Permanent easement to Tennessee Gas Transmission Company for a gas pipeline
Potential Projects	<ul style="list-style-type: none"> • Continued efforts to eliminate unauthorized vegetation removal and other unauthorized uses • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 136 – (87.4 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This parcel is located along Marsh Creek. This entire parcel is proposed for inclusion in the Jennings Bluff HPA. The parcel has unique habitats of cedar glades and barren communities associated with limestone of Silurian age. Silurian age glade communities are restricted to a narrow band along the Tennessee River in West Tennessee. These glades provide habitat for several rare plant species. The proposed HPA would be allocated for habitat protection, wildlife management, and visual management. Historically, this parcel has received extensive unauthorized ATV use. No federally listed species are known to be present on this parcel. However, three state-listed plant species, Rough rattlesnake root, Blue sage, and Barbed rattlesnake root are known to occur on this parcel. All three plants are listed in Tennessee as a species of special concern. In addition, there is a high probability for the presence of cultural

resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-136. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-SE
TVA D-Stage Map Numbers	223
Stream Mile and Bank	TRMs 137.8 to 138.3R
Land Use/Land Cover	Deciduous forest, forested wetlands, limestone bluffs, and cedar glades
Known Dispersed Recreation Opportunities	Hiking, wildlife observation, and scenic viewing
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Continued efforts to eliminate unauthorized ATV use • Mitigate impacts associated with unauthorized ATV usage • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries and HPA designation • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Survey for invasive plant control needs
Potential Partners	<ul style="list-style-type: none"> • Tennessee Nature Conservancy • Universities or Colleges

Parcel 137 – (0.7 acre)

RLMP Allocation: Zone 2, Project Operations

This parcel contains the Jennings Bluff Navigational Light at TRM 137.9R. The neighboring parcels and back-lying land cover are deciduous forest. There is a high probability for the presence of cultural resources. Future development of this parcel will be restricted and requests for private water use facilities would not be considered.

Table 4-137. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-SE
TVA D-Stage Map Numbers	223
Stream Mile and Bank	TRM 137.9R
Land Use/Land Cover	Deciduous forest
Known Dispersed Recreation Opportunities	None identified

Location Component and Public Involvement Opportunities	Parcel Specific Information
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 138 – (246.8 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This large parcel is located along Marsh Creek and consists of several small islands and one large tract located on the mainland. The land cover of the majority of this parcel is considered deciduous forest with significant scrub-shrub and forested wetlands present along most of the shoreline. Access to this parcel is available through public roads and by boat. The parcel's habitat provides opportunities for hunting. There is a medium probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-138. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-SE
TVA D-Stage Map Numbers	223
Stream Mile and Bank	TRMs 137.5 to 138.5R
Land Use/Land Cover	Deciduous forest, forested wetlands, and scrub-shrub wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 139 – (701.4 acres)

RLMP Allocation: Zone 5, Industrial

This large parcel is comprised of deciduous forest and located near US-412, TSR-20, and TSR-100 with Marsh Creek Road directly serving the parcel. Although the TVA property remains in a forested state, the back-lying property has been cleared for timber. Groupings of islands protect the shoreline and would provide a natural safety harbor for the transportation of goods associated with an industrial site. Wetlands are present along the Marsh Creek embayment and

have the potential to be present along the islands and some portions of the parcel's shoreline. There is a high probability that cultural resources could be present along the islands and the level shoreline, and an archaeological survey would need to occur prior to any excavation or dredging occurring along the shoreline. Only a light reconnaissance archaeological survey has taken place of the forested area. Although no known endangered and threatened species have been historically found on the parcel, a site-specific environmental review will be conducted prior to any ground disturbance. Requests for use of TVA lands and associated water-based structures to support industrial purposes would be considered.

Table 4-139. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-SE and 32-SW
TVA D-Stage Map Numbers	223 and 224
Stream Mile and Bank	Marsh Creek mile 1L TRMs 138.8 to 139.9R
Land Use/Land Cover	Deciduous forest and limited shoreline wetlands
Current Agreements/Commitments	None identified

Parcel 140 – (264.4 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This parcel is comprised of a peninsula located along the northern portion of the Cedar Creek embayment. Access is available by boat and road that is located at the southernmost tip of the parcel. The parcel is predominantly covered in deciduous forest with forested wetlands present along the shoreline. The parcel contains exceptional waterfowl and wetlands wildlife habitat. This area also receives moderate use for a variety of dispersed recreation activities, including camping and hunting. In addition, this parcel has received extensive unauthorized ATV use and unauthorized dumping of trash and litter. TVA has collaborated with local residents to prevent such unauthorized activity. Historically, a portion of this parcel was licensed to the TDEC for a seed orchard. No federally listed species are known to be present on this parcel. However, the Kentucky Reservoir Mussel Sanctuary, as designated by TWRA, fronts a large portion of this parcel. In addition, there is a high probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-140. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	22–SE and 32–SW
TVA D–Stage Map Numbers	224 and 227
Stream Mile and Bank	TRMs 138.9 to 141.4R
Land Use/Land Cover	Deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	Hunting, camping, and wildlife observation
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Continued efforts to eliminate unauthorized ATV use and unauthorized dumping of trash • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Mitigate unauthorized ATV and land use impacts
Potential Partners	None identified

Parcel 141 – (415.6 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located at the mouth of Cedar Creek. The land cover of the majority of this parcel is considered deciduous forest with significant scrub-shrub and forested wetlands present along most of the shoreline. In the past, TVA actively managed portions of this parcel for forest stands, and substantial loblolly pine plantings have occurred in certain areas. In addition, a small portion of this parcel is under a term agricultural license for livestock grazing. There is a medium probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-141. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	32–SW
TVA D–Stage Map Numbers	224 and 227
Stream Mile and Bank	TRMs 139.9 to 141.1R
Land Use/Land Cover	Deciduous forest, pine plantations, hay/pasture, forested wetlands, and scrub-shrub wetlands
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	Term agricultural license for cattle grazing

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Future management of pine plantations for Indiana bat habitat • Forest management for wildlife habitat
Potential Partners	<ul style="list-style-type: none"> • United States Fish and Wildlife Services • Tennessee Wildlife Resources Agency

Parcel 142 – (6.3 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along Cedar Creek. The parcel is under license to Cedar Creek Marina and is used for commercial recreation. There is a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-142. Parcel Information

Location Component	Parcel Specific Information
County, State	Perry, Tennessee
TVA D–Stage Map Numbers	227
Stream Mile and Bank	TRM 141.4R

Parcel 143 – (24.0 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along Cedar Creek and adjoins property that has been transferred to the State of Tennessee for public recreation. TWRA maintains a boat-launching ramp and parking lot on the western tip of this parcel. The remainder of the parcel is undeveloped and forested. There is a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-143. Parcel Information

Location Component	Parcel Specific Information
County, State	Perry, Tennessee
TVA D–Stage Map Numbers	227
Stream Mile and Bank	TRM 141.4R

Parcel 144 – (453.9 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This large parcel is located along the left descending bank of Cedar Creek and includes several small islands. The land cover of the majority of this parcel is considered deciduous forest with significant scrub-shrub and forested wetlands present along most of the shoreline. Historically, embankment plantings were established on portions of this parcel to protect relocated roadway embankments from erosion. In addition, portions of the shoreline have been stabilized to prevent further erosion. Much of this parcel is prime farmland and a 39-acre portion is currently under a term agricultural license for perennial hay. Access is limited to the majority of this parcel, which limits some of the public use. Limestone bluffs provide scenic views of the reservoir and an informal trail system is present on this parcel. There is a medium probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-144. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	32-SW
TVA D-Stage Map Numbers	227
Stream Mile and Bank	TRMs 141.5 to 142.7R
Land Use/Land Cover	Deciduous forest, pine plantations, forested wetlands, scrub-shrub wetlands, historic bottomland tree plantings, and perennial hay
Known Dispersed Recreation Opportunities	Hunting, hiking, and wildlife observation
Current Agreements/Commitments	Term agricultural license for perennial hay
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Conversion of present agricultural area to native warm season grasses and legumes • Research on historic embankment plantings • Assess informal trail for potential inclusion into TVA's formal trail system
Potential Partners	None identified

Parcel 145 – (15.6 acres)*RLMP Allocation: Zone 7, Shoreline Access*

This parcel is located along the right descending bank of the Tennessee River within the Cedar Creek embayment. This parcel extends between TVA markers 227–70 to 227–69. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest and wetlands. There is a medium probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. Wetlands are present along the entirety of this parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-145. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	32–SW
TVA D–Stage Map Numbers	227
Stream Mile and Bank	TRM 141.3R
Land Use/Land Cover	Deciduous forest and wetlands
Fronts Former TVA Tract (s)	XGIR–145, XGIR–515, and XGIR–738
Structure Profile	Varies
Current Agreements/Commitments	None identified

Parcel 146 – (11.7 acres)*RLMP Allocation: Zone 4, Natural Resource Conservation*

This small parcel consists of two noncontiguous tracts of land. One portion of the parcel is located along the right descending bank of the Tennessee River, and the other portion of the parcel is located along Bee Creek. The Tennessee River parcel is an approximately 30-foot wide strip of property fronting a small residential development. There is a low probability for the presence of undisturbed cultural resources on this strip of property. There are existing facilities on this portion of the parcel that could be permissible under TVA’s policies unless they are determined to be violations. However, requests for new private water use facilities would not be considered.

The Bee Creek parcel is bisected by a public road and is accessible through this road. However, no boat access is available as this parcel is not adjacent to the reservoir body. Historically, this

parcel has been managed for ROW protection for the public road. Due to its small size and location, there are limited public use opportunities available. There is a medium probability for the presence of cultural resources on the Bee Creek parcel. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present on this portion of the parcel, and requests for private water use facilities would not be considered.

Table 4-146. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	32-SW
TVA D-Stage Map Numbers	234
Stream Mile and Bank	TRMs 143.4 and 144.0R
Land Use/Land Cover	Deciduous forest and open grassland
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 147 – (1.7 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of a small tract of land located in Perry County, Tennessee, and contains portions of Lego School Road and Bee Creek Road. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-147. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	32-SW
TVA D-Stage Map Numbers	234
Stream Mile and Bank	TRM 144R
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	None identified
Potential Partners	None identified

Parcel 148 – (13.4 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along Short Creek. This parcel is bisected by a public road. Historically, this parcel was managed to protect the public road ROW protection, and embankment plantings were established on portions of this parcel. Due to its small size and location, there are limited public use opportunities available. There is a medium probability for the presence of cultural resources on this parcel, but it has not been surveyed. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-148. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	33–NW
TVA D–Stage Map Numbers	234
Stream Mile and Bank	TRM 145.6R
Land Use/Land Cover	Deciduous forest and historic bottomland tree plantings
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Embankment plantings research
Potential Partners	None identified

Parcel 149 – (1.1 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of a small tract of land located in Perry County, Tennessee, and contains portions of Lego School Road and Phillips Road. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-149. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	33–NW
TVA D–Stage Map Numbers	234
Stream Mile and Bank	TRM 145.6R
Land Use/Land Cover	Road ROW

Location Component and Public Involvement Opportunities	Parcel Specific Information
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	None identified
Potential Partners	None identified

Parcel 150 – (62.9 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along White Oak Creek. This relatively isolated parcel supports a limited variety of small game. The land cover of the majority of the parcel is comprised of young bottomland hardwoods with wetlands occurring along the shoreline. There is limited access to this parcel by roads; in addition, the parcel is accessible by boat. Despite the limited access, the area does receive dispersed recreation use especially by hunters and campers. There is a medium probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-150. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	33–NW
TVA D–Stage Map Numbers	235 and 236
Stream Mile and Bank	TRMs 146.8 to 147.5R
Land Use/Land Cover	Bottomland hardwoods and forested wetlands
Known Dispersed Recreation Opportunities	Hunting and camping
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Conduct a Limits of Acceptable Change analysis on dispersed recreation site • Assess access to parcel to determine if any control measures are necessary
Potential Partners	None identified

Parcel 151 – (7.2 acres)*RLMP Allocation: Zone 4, Natural Resource Conservation*

This parcel consists of a single island located downstream from Beech Creek. Young bottomland hardwoods cover the majority of this parcel with scrub-shrub and emergent wetlands occurring along the shoreline. The parcel is accessible by boat only; therefore, public use is limited. Despite the limited access, the area does receive dispersed recreation use especially by hunters. There is a medium probability for the presence of cultural resources on this parcel. While no federally or state-listed species are known to be present on the island, the island provides suitable habitat for nesting wading/water birds. In addition, listed aquatic species are known to be present in the nearby river channel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-151. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Perry, Tennessee
Topographic Map (Sheet No. and Quadrant)	23-NE
TVA D-Stage Map Numbers	240
Stream Mile and Bank	TRM 153.3B
Land Use/Land Cover	Bottomland hardwoods and scrub-shrub and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Assess island for shoreline stabilization needs • Assess island for possible use by nesting wading/water birds
Potential Partners	None identified

Parcel 152 – (62.2 acres)*RLMP Allocation: Zone 4, Natural Resource Conservation*

This relatively isolated parcel is located at the upper end of the Beech Creek embayment. Young bottomland hardwoods cover the majority of this parcel with scrub-shrub and emergent wetlands occurring along the shoreline. Historically, embankment plantings were established on portions of this parcel to protect relocated roadway embankments from erosion. The parcel is accessible by boat and public roads that transect the property. The area does receive dispersed recreation use especially by hunters. There is a medium probability for the presence of cultural

resources on this parcel. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-152. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Wayne, Tennessee
Topographic Map (Sheet No. and Quadrant)	33-NW
TVA D-Stage Map Numbers	241
Stream Mile and Bank	TRM 155.0R
Land Use/Land Cover	<ul style="list-style-type: none"> • Historic bottomland tree plantings and forested wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Embankment planting research
Potential Partners	None identified

Parcel 153 – (7.1 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of a small tract of land located in Wayne County, Tennessee, and contains a portion of TSR-128 and a transmission line ROW. There is a medium probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-153. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Wayne, Tennessee
Topographic Map (Sheet No. and Quadrant)	33-NW
TVA D-Stage Map Numbers	241
Stream Mile and Bank	Beech Creek mile 2.6B
Land Use/Land Cover	Road and transmission line ROWs
Known Dispersed Recreation Opportunities	Bank fishing
Current Agreements/Commitments	Permanent easement to Wayne County, Tennessee, for a roadway
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 154 – (3.7 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is comprised of several small islands and are located slightly upstream of Beech Creek. These islands are predominantly covered in forested wetlands and provide habitat for a variety of wetland wildlife species. Access to the parcel is by boat only. Due to their small size, public use is limited; although, waterfowl hunting could occur. There is a low probability for the presence of cultural resources on this parcel, but it has not been surveyed. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-154. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Wayne, Tennessee
Topographic Map (Sheet No. and Quadrant)	33-NW
TVA D-Stage Map Numbers	241 and 244
Stream Mile and Bank	TRMs 155.0 to 155.9B
Land Use/Land Cover	Forested wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Shoreline stabilization • Assess for wading/water bird nesting use
Potential Partners	None identified

Parcel 155 – (8.7 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small and relatively isolated parcel is located near Buttam Hollow in Wayne County, Tennessee. The land cover of the majority of this parcel is considered deciduous forest with forested wetlands present along the shoreline. Historically, embankment plantings were established on portions of this parcel to protect relocated roadway embankments from erosion. Access to the parcel is available by boat only. Due to this limited access and the small size of this parcel, public use is limited. There is a low probability for the presence of cultural resources on this parcel, but it has not been surveyed. No federally or state-listed species are known to be present on the parcel. No existing shoreline improvements are currently present and requests for private water use facilities would not be considered.

Table 4-155. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Wayne, Tennessee
Topographic Map (Sheet No. and Quadrant)	33-NW
TVA D-Stage Map Numbers	243
Stream Mile and Bank	TRM 156.4R
Land Use/Land Cover	Forested wetlands and historic bottomland tree planting
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Embankment planting research • Placement of TVA property and public lands signs along parcel boundaries
Potential Partners	None identified

Parcel 156 – (22.6 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along Ross Creek in the town of Clifton, Tennessee. The parcel is adjacent to a community park that includes sports fields. The parcel is under a revocable license to the City of Clifton for public recreation. Most of the property is currently undeveloped and supports dispersed recreation activities.

The portion of this parcel located along the east side of Ross Creek and south of TSR-128 is a large mowed field containing a ball field with backstop. The adjacent area is used for community activities and has 15 light poles with lights, electrical power supply, and water. The portion of the parcel located north of TSR-128 and adjacent to the reservoir contains a paved parking lot next to a picnic pavilion, security lights, public restroom, gravel playground with swing, seesaw, and monkey bars, and newly erected cannons on the river bank. A few picnic tables, park-type grills, foot bridge to a second paved parking area, and three sitting benches are located in this area. The narrow peninsula located along the left descending bank of Ross Creek contains a gravel road, security lights, informal parking, and fishing access.

This undeveloped area could be developed to meet future community recreation needs. However, this area has a medium probability for the presence of cultural resources. A first class navigation safety landing is located along the downstream portion of this parcel. Requests for

use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-156. Parcel Information

Location Component	Parcel Specific Information
County, State	Wayne, Tennessee
TVA D–Stage Map Numbers	243
Stream Mile and Bank	TRM 157.5R

Parcel 157 – (9.0 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small relatively isolated parcel is located along Ross Creek. The land cover of the majority of this parcel is deciduous forest with forested wetlands present along the shoreline. Historically, embankment plantings were established on portions of this parcel to protect relocated roadway embankments from erosion. Due to limited access and the small size of this parcel, public use is limited. There is a medium probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on the parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-157. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Wayne, Tennessee
Topographic Map (Sheet No. and Quadrant)	33–NW
TVA D–Stage Map Numbers	255
Stream Mile and Bank	TRM 157.7R
Land Use/Land Cover	Forested wetlands and historic bottomland tree planting
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Embankment planting research • Placement of TVA property and public lands signs along parcel boundaries
Potential Partners	None identified

Parcel 158 – (1.9 acres)

RLMP Allocation: Zone 6, Developed Recreation

This shoreline parcel adjoins property (XTGIR-66) that TVA previously transferred to the City of Clifton for public recreation. The parcel is located near the town’s center and has been developed for day use recreation with amenities including picnic sites, sitting benches, flag pole, boat-launching ramp, trails, and river viewing/overlook. This parcel is also the site of the Clifton Ferry landing and has substantial local significance. The ferry landing road that leads to the reservoir is blocked with a large ornamental iron gate. The area below the overlook has a few scattered trees with some mowed area to maintain a good visual appearance. There is a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water–based structures to support developed recreation purposes would be considered.

Table 4-158. Parcel Information

Location Component	Parcel Specific Information
County, State	Wayne, Tennessee
TVA D–Stage Map Numbers	243
Stream Mile and Bank	TRM 157.9R

Parcel 159 – (39.2 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel adjoins property (XTGIR-67) that TVA previously transferred to the City of Clifton for public recreation. The parcel is located off TSR-128 and extends along Roach Creek. Facilities on this parcel include a marina, boat launching ramp, and campground. The undeveloped areas have a medium probability for the presence of cultural resources, but the area has not been surveyed. Requests for use of TVA lands and associated water–based structures to support developed recreation purposes would be considered.

Table 4-159. Parcel Information

Location Component	Parcel Specific Information
County, State	Wayne, Tennessee
TVA D–Stage Map Numbers	254
Stream Mile and Bank	TRM 158.7R

Parcel 160 – (16.2 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along the Tennessee River and upstream of Roach Creek. The land cover of the majority of this parcel is considered deciduous forest with significant wetlands present along the shoreline. Due to limited access via boat only and the small size of this parcel, public use is limited. There is a high probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-160. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Wayne, Tennessee
Topographic Map (Sheet No. and Quadrant)	23-NW
TVA D-Stage Map Numbers	254
Stream Mile and Bank	TRM 159.5R
Land Use/Land Cover	Forested wetlands, scrub-shrub wetlands, emergent wetlands, and deciduous forest
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 161 – (2.2 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located at TRM 160.4. The entirety of this parcel is covered in scrub-shrub wetlands. Due to limited access via boat only and the small size of this parcel, public use is limited. There is a high probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-161. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Wayne, Tennessee
Topographic Map (Sheet No. and Quadrant)	23-NW
TVA D-Stage Map Numbers	254
Stream Mile and Bank	TRM 160.3R
Land Use/Land Cover	Scrub-shrub wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 162 – (46.8 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This relatively isolated parcel is located along the upper end of the Short Creek embayment. The parcel is bisected and accessible by TSR-114 road. The land cover of the entirety of this small parcel is covered in deciduous forest. Historically, embankment plantings were established on portions of this parcel to protect the relocated road ROW from erosion. Due to the small size of this parcel, public use is limited. There is a medium probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-162. Parcel Information n

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Hardin, Tennessee
Topographic Map (Sheet No. and Quadrant)	23-NW
TVA D-Stage Map Numbers	254
Stream Mile and Bank	TRM 160.0R
Land Use/Land Cover	Historic bottomland tree plantings
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 163 – (4.6 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of a small tract of land located in Hardin County, Tennessee, and contains a portion of TSR-114. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-163. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Hardin, Tennessee
Topographic Map (Sheet No. and Quadrant)	23-NE
TVA D-Stage Map Numbers	254
Stream Mile and Bank	Beech Creek mile 2.6B
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Permanent easement to Tennessee Department of Transportation for a roadway
Potential Projects	None identified
Potential Partners	None identified

Parcel 164 – (53.5 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This small isolated parcel is located across the Tennessee River from Saltillo, Tennessee. The parcel includes the proposed Wilkinson Pond Slough Natural Area. This unique parcel features a stand of old growth bottomland hardwood which includes, but is not limited to, shumard, overcup, water, willow, and swamp chestnut oaks; bald cypress; American beech; sweet, black and tupelo gum. Some of the trees are estimated to be 200 years or greater in age. This parcel contains suitable habitat for waterfowl production and resting/feeding and suitable habitat capable of supporting a diversity of wetlands wildlife species. There is a high probability for the presence of cultural resources. No federally or state-listed species are known to occur on the parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-164. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Hardin, Tennessee
Topographic Map (Sheet No. and Quadrant)	23-NE
TVA D-Stage Map Numbers	120 and 120-1
Stream Mile and Bank	TRMs 170.7 to 171.1R
Land Use/Land Cover	Wetland complex and old-growth bottomland hardwoods with rare histosol soils
Known Dispersed Recreation Opportunities	Scenic viewing and wildlife observation
Current Agreements/Commitments	<ul style="list-style-type: none"> • Proposed Habitat Protection Area (1987) • Proposed Protection of old-growth stands of bottomland hardwood forest
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property, public lands and natural area signs along parcel boundaries • Data collection and inventory of plant and animal species present • Implement natural areas management plan
Potential Partners	Research opportunities for educational institutions

Parcel 165 – (12.2 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small linear parcel is located along the Tennessee River and upstream of Short Creek. The land cover is predominantly deciduous forest. This parcel serves as a visual buffer in addition to providing numerous riparian habitat functions and access is by boat only. There is a high probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-165. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Hardin, Tennessee
Topographic Map (Sheet No. and Quadrant)	23-NW
TVA D-Stage Map Numbers	260
Stream Mile and Bank	TRMs 170.5 to 171.8R
Land Use/Land Cover	Deciduous forest
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries
Potential Partners	None identified

Parcel 166 – (2.5 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel is a first class safety landing. This area is available for commercial barges and recreational boats during adverse weather conditions or equipment malfunction. There is a high probability for the presence of cultural resources. Future development of this parcel will be restricted and requests for private water use facilities would not be considered.

Table 4-166. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Hardin, Tennessee
Topographic Map (Sheet No. and Quadrant)	23-NW
TVA D-Stage Map Numbers	250
Stream Mile and Bank	TRM 171.1L
Land Use/Land Cover	Grasslands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 167 – (7.4 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is a recreation easement (XTGIR-128RE) to the City of Savannah. The area is known as Wayne Jerrolds River Park and is located immediately upstream from the US-64 reservoir crossing. Park facilities include a boat-launching ramp, picnic pavilions, picnic area, trails, and a visitor overlook. The undeveloped area has a medium probability for the presence of cultural resources, but the area has not been surveyed.

Table 4-167. Parcel Information

Location Component	Parcel Specific Information
County, State	Hardin, Tennessee
TVA D–Stage Map Numbers	281
Stream Mile and Bank	TRM 190.2R

Parcel 168 – (14.5 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small isolated parcel is comprised of two distinct tracts of land. The parcel is located along White Oak Creek near the TSR-104 Bridge. The southernmost tract is managed for ROW protection along TSR-104. This land cover of the parcel is predominantly deciduous forest with significant forested wetlands present. Both portions of the parcel provide habitat for wetland wildlife species and serve as a visual buffer. Access to the parcel is available through public roads and possibly by boat. There is a medium probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-168. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Hardin, Tennessee
Topographic Map (Sheet No. and Quadrant)	23–SW
TVA D–Stage Map Numbers	261 and 269
Stream Mile and Bank	TRMs 173.4 to 174.0L
Land Use/Land Cover	Deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries
Potential Partners	None identified

Parcel 169 – (1.2 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of a small tract of land located in Hardin County, Tennessee, and contains a portion of Saltillo Road. There is a low probability for the presence of cultural resources.

Requests for private water use facilities would not be considered.

Table 4-169. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Hardin, Tennessee
Topographic Map (Sheet No. and Quadrant)	23–SW
TVA D–Stage Map Numbers	269
Stream Mile and Bank	White Oak Creek mile 1.8L
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Permanent easement to Tennessee Department of Transportation for a roadway
Potential Projects	None identified
Potential Partners	None identified

Parcel 170 – (0.7 acre)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small isolated parcel is comprised of two distinct tracts of land. The parcel is located between White Oak Creek and Mud Creek and is quite a distance from Kentucky Reservoir. The land cover of the parcel is predominantly emergent wetlands and provides habitat for waterfowl and numerous other wetland wildlife species. Due to its small size and limited access, this parcel receives very little public use. There is a low probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-170. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Hardin, Tennessee
Topographic Map (Sheet No. and Quadrant)	12–SE
TVA D–Stage Map Numbers	268
Stream Mile and Bank	White Oak Creek mile 8.5R

Location Component and Public Involvement Opportunities	Parcel Specific Information
Land Use/Land Cover	Emergent wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	Refresh the existing paint denoting TVA's property boundaries
Potential Partners	None identified

Parcel 171 – (35.8 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel comprised of several distinct tracts of land is located along Doe Creek. Portions of this parcel are bisected by TSR-69 and access is available through this public road. This parcel is predominantly deciduous forest with forested wetlands along portions of the shoreline. There is a medium probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-171. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	23-NW
TVA D-Stage Map Numbers	250
Stream Mile and Bank	TRMs 171.1 to 171.8L
Land Use/Land Cover	Deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	Waterfowl hunting and camping
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 172 – (1.8 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of a small tract of land located in Hardin and Decatur counties, Tennessee, and contains a portion of TSR-69. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-172. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Hardin and Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	23-NW
TVA D-Stage Map Numbers	250-D
Stream Mile and Bank	Doe Creek mile 0.6R
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	None identified
Potential Partners	None identified

Parcel 173 – (8.3 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along Doe Creek and TSR-69 provides access to the area. This parcel adjoins property (XTGIR-110) that TVA previously transferred to the State of Tennessee for public recreation. There is a high probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-173. Parcel Information

Location Component	Parcel Specific Information
County, State	Decatur, Tennessee
TVA D-Stage Map Numbers	250
Stream Mile and Bank	TRM 179.9L

Parcel 174 – (26.2 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along Doe Creek. The majority of this parcel is prime farmland, and a 16-acre portion of the parcel is under a term agricultural license for perennial hay. Public access to the parcel is available by boat only. There is a high probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-174. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	23–NW
TVA D–Stage Map Numbers	250
Stream Mile and Bank	TRMs 171.6 to 171.8L
Land Use/Land Cover	Open grassland and perennial hay
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Term agricultural license for perennial hay
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Establishment of native warm season grasses for wildlife habitat
Potential Partners	Agricultural licensee

Parcel 175 – (3.1 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small linear parcel is located along the Tennessee River and downstream of the Doe Creek. The land cover of the majority of this parcel is deciduous forest. Access to the parcel is available by boat only. Due to its small size and limited access, this parcel receives very little public use. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. There is a medium probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-175. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	23–NW
TVA D–Stage Map Numbers	250
Stream Mile and Bank	TRMs 171.6 to 171.7L
Land Use/Land Cover	Deciduous forest
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 176 – (3.6 acres)

RLMP Allocation: Zone 5, Industrial

This very small and linear parcel is comprised of scrub-shrub vegetation along the shoreline and located near TSR-69. The back-lying property has been cleared for cropland and pasture. A first class navigation safety landing is located along the opposite bank of the Tennessee River.

There is a high probability for the presence of cultural resources. A site-specific environmental review will be conducted prior to any ground disturbance. Requests for use of TVA lands and associated water-based structures to support industrial purposes would be considered.

Table 4-176. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	23-NW
TVA D-Stage Map Numbers	250 and 251
Stream Mile and Bank	TRM 171L
Land Use/Land Cover	Deciduous forest with forested and scrub-shrub wetlands
Current Agreements/Commitments	Revocable license to Arrow Transportation Company for industrial purposes

Parcel 177 – (19.8 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along Buck Branch. The land cover of the majority of this parcel is deciduous forest with forested, and scrub-shrub wetlands are present along portions of the shoreline. Access to the parcel is available by boat and through adjacent public roads. Due to its small size and limited access, this parcel receives very little public use. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. A small portion of the shoreline has been stabilized to protect from further erosion. There is a medium probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-177. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	23-NW
TVA D-Stage Map Numbers	251
Stream Mile and Bank	TRMs 170.2 to 170.6L
Land Use/Land Cover	Deciduous forest, scrub-shrub wetlands, and forested wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 178 – (0.6 acre)

RLMP Allocation: Zone 2, Project Operations

This parcel contains the Swallow Bluff Navigational Light at TRM 170.1L. The neighboring parcels and back-lying land use are deciduous forest and residential. There is a medium probability for the presence of cultural resources. Future development of this parcel will be restricted and requests for private water use facilities would not be considered.

Table 4-178. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	23-NW
TVA D-Stage Map Numbers	251
Stream Mile and Bank	TRM 170.1L
Land Use/Land Cover	Deciduous forest and residential
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 179 – (21.2 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This small parcel is located along Swallow Bluff. The parcel is predominantly covered in a unique cedar glade that provides habitat for a Tennessee state-listed plant species, Tower-mustard. The bluff portion of the parcel is a historical nesting site for the cliff swallow which

nests in large colonies. The bluff that is present on this parcel is considered a highly significant visual feature and resource. In addition, the bottom portions of the bluff near the reservoir shoreline could be used by several other migratory bird species for nesting habitat. No federally listed species are known to occur on the parcel. However, there is a high probability for the presence of cultural resources. Access to the parcel is available by boat only. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-179. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	23–NW
TVA D–Stage Map Numbers	251
Stream Mile and Bank	TRMs 168.6 to 169.2L
Land Use/Land Cover	Cedar glade and limestone bluff
Known Dispersed Recreation Opportunities	Wildlife observation and nature study
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Conduct an assessment for invasive plant species occurrence and management needs related to unique cedar glade plants • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	<ul style="list-style-type: none"> • The Tennessee Nature Conservancy • Tennessee Department of Environment and Conservation Heritage staff

Parcel 180 – (15.4 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along Stewman Creek and TSR-69 provides access to the area. This parcel adjoins property (XTGIR-20) that TVA previously transferred to the State of Tennessee for recreation. A small boat-launching ramp area and parking has been developed on a portion of the property. The remainder of the parcel is undeveloped, and the undeveloped area has a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water–based structures to support developed recreation purposes would be considered.

Table 4-180. Parcel Information

Location Component	Parcel Specific Information
County, State	Decatur, Tennessee
TVA D–Stage Map Numbers	251
Stream Mile and Bank	TRM 168L

Parcel 181 – (0.6 acre)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of a small tract of land located in Decatur County, Tennessee, and contains a portion of TSR-69. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-181. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	23–NW
TVA D–Stage Map Numbers	247 and 251
Stream Mile and Bank	Stewman Creek mile 0.5B
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	None identified
Potential Partners	None identified

Parcel 182 – (11.8 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along Stewman Creek. The land cover of the majority of this parcel is deciduous forest with forested and scrub-shrub wetlands present along portions of the shoreline. Access to the parcel is available by boat only. Due to its small size and limited access, this parcel receives very little public use. This parcel serves as a visual buffer in addition to providing numerous riparian habitat functions. There is a medium probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-182. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	23–NW
TVA D–Stage Map Numbers	251
Stream Mile and Bank	TRM 168.0L
Land Use/Land Cover	Mixture of deciduous forest and forested and scrub-shrub wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 183 – (22.5 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is comprised of three distinct tracts of land located along Turnbo Creek. The land cover of the majority of this parcel is deciduous forest with forested and scrub-shrub wetlands present along portions of the shoreline. The majority of this parcel is accessible by boat only; however, a small portion is accessible through adjacent public roads. Due to its small size and limited access, this parcel receives very little public use. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. There is a medium probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-183. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	23–NW
TVA D–Stage Map Numbers	238 and 247
Stream Mile and Bank	TRM 164.5L
Land Use/Land Cover	Mixture of deciduous forest and forested and scrub-shrub wetlands
Known Dispersed Recreation Opportunities	None identified

Location Component and Public Involvement Opportunities	Parcel Specific Information
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 184 – (2.1 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts located along the left descending bank of the Tennessee River within Turnbo Creek. This parcel extends among TVA markers 247–61 to 238–50 and 238–51 to 238–52. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest and wetlands. There is a medium probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. Wetlands are present along portions of this parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-184. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	23–NE
TVA D–Stage Map Numbers	238 and 247
Stream Mile and Bank	TRM 164L
Land Use/Land Cover	Deciduous forest and wetlands
Fronts Former TVA Tract (s)	A portion of XGIR–703
Structure Profile	Varies
Current Agreements/Commitments	None identified

Parcel 185 – (7.7 acres)*RLMP Allocation: Zone 4, Natural Resource Conservation*

This small linear parcel is located along Turnbo Creek. Access to the parcel is available by boat only. Due to its small size and limited access, this parcel receives very little public use. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. There is a high probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-185. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	23-NE
TVA D-Stage Map Numbers	247
Stream Mile and Bank	TRMs 164.3 to 164.5L
Land Use/Land Cover	Riparian vegetation
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 186 – (6.1 acres)*RLMP Allocation: Zone 3, Sensitive Resource Management*

This narrow linear parcel is located along Turnbo Creek. Access to this parcel is available by boat only. A small portion of this parcel is under a revocable license to Martin's Landing Homeowner's Association give the public access and permission to use an existing boat-launching ramp. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. No federally or state-listed species are known to occur on this parcel. There is a high probability for the presence of cultural resources. The existing boat-launching ramp is the only shoreline improvement present, and requests for private water use facilities would not be considered.

Table 4-186. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	23-NE
TVA D-Stage Map Numbers	247
Stream Mile and Bank	TRMs 164.1 to 164.5L
Land Use/Land Cover	Riparian vegetation
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Revocable license to Martin's Landing Homeowners Association for a public boat-launching ramp
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 187 – (0.7 acre)

RLMP Allocation: Zone 2, Project Operations

This parcel contains a navigational light at TRM 164L. The neighboring parcels and back-lying land use/land cover are residential and maintained lawns. There is a medium probability for the presence of cultural resources. Future development of this parcel will be restricted, and requests for private water use facilities would not be considered.

Table 4-187. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	23-NE
TVA D-Stage Map Numbers	246 and 247
Stream Mile and Bank	TRM 164L
Land Use/Land Cover	Maintained lawns
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 188 – (44.5 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along the Tennessee River and upstream of Martin Landing. Access to this parcel is readily available via public roads and boat. Due to its close proximity to a public recreation area, this parcel provides the public with multiple opportunities for dispersed recreation. Historically, this parcel has received extensive unauthorized ATV use. This parcel is predominantly early successional forest with significant wetlands present along portions of the shoreline. There is a high probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-188. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	23-NE
TVA D-Stage Map Numbers	238 and 247
Stream Mile and Bank	TRMs163.8 to 164.3L
Land Use/Land Cover	Mixture of early successional forest and scrub-shrub wetlands, and open grassland
Known Dispersed Recreation Opportunities	Hunting and bank fishing
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Continued efforts to eliminate unauthorized ATV use • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Establishment of native warm season grasses • Mitigate unauthorized ATV usage impacts
Potential Partners	None identified

Parcel 189 – (7.9 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of the Tennessee River and extends between TVA markers 238-53 to 238-55. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest and grasslands. There is a high probability for the

presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. There are navigation restrictions fronting this parcel. Potential impacts to navigation or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-189. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	23-NE
TVA D-Stage Map Numbers	238
Stream Mile and Bank	TRM 163.8L
Land Use/Land Cover	Deciduous forest and grasslands
Fronts Former TVA Tract (s)	A portion of XGIR-703
Structure Profile	Varies
Current Agreements/Commitments	None identified

Parcel 190 – (2.6 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This narrow linear parcel is located near Martin Landing in Decatur County, Tennessee. The parcel is accessible by boat only; however, public use of this area is very limited because of its small size and proximity to shoreline development. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. No federally or state-listed species are known to occur on this parcel. There is a high probability for the presence of cultural resources. There are existing facilities on this parcel that could be permissible under TVA’s policies unless they are determined to be violations. However, requests for new water use facilities would not be considered.

Table 4-190. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	23-NE
TVA D-Stage Map Numbers	238
Stream Mile and Bank	TRMs 163.4 to 163.7L
Land Use/Land Cover	Riparian vegetation
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 191 – (4.3 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along the Tennessee River and slightly downstream of Martin Landing. Access to this parcel is available through public roads and by boat. Due to its small size and proximity to shoreline development, this parcel receives very little public use. This parcel is predominantly deciduous forest with some wetlands present along portions of the shoreline. There is a high probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. There are existing facilities on this parcel that could be permissible under TVA's policies unless they are determined to be violations. However, requests for new water use facilities would not be considered.

Table 4-191. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	23-NE
TVA D-Stage Map Numbers	238
Stream Mile and Bank	TRM 163.3 to 163.4L
Land Use/Land Cover	Mixture of deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 192 – (164.3 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This relatively large parcel is located near the mouth of Penny Slough and is bisected by TSR-114. Access to the parcel is available through public roads and by boat. The land cover of the majority of this parcel is high quality forested wetlands. This parcel contains a small amount of quality waterfowl production and resting/feeding habitat. There is also habitat capable of supporting a limited number of wetland wildlife species. In addition, this parcel is capable of supporting a variety of small game making this parcel attractive to hunters. Historically, this parcel has received extensive unauthorized ATV use. A small portion of this parcel is under a permanent easement to support utilities and access to the adjacent campground. There is a high probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-192. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	33-NW
TVA D-Stage Map Numbers	244
Stream Mile and Bank	TRMs 157.5 to 158.1L
Land Use/Land Cover	Forested wetlands, scrub-shrub wetlands, deciduous forest, and pine forest
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	Permanent easement to support utilities and access to the adjacent campground
Potential Projects	<ul style="list-style-type: none"> • Continued efforts to eliminate unauthorized ATV use • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Mitigate unauthorized ATV usage impacts • Wetlands protection
Potential Partners	None identified

Parcel 193 – (2.5 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel, formerly used as a ferry landing, has been licensed to the TWRA for public recreation. The site has been converted to a boat-launching ramp and parking lot. Future expansion of facilities could be accommodated on the parcel. There is a high probability for the presence of cultural resources on the undeveloped area. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-193. Parcel Information

Location Component	Parcel Specific Information
County, State	Decatur, Tennessee
TVA D–Stage Map Numbers	244
Stream Mile and Bank	TRM 157.7L

Parcel 194 – (44.5 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is comprised of two islands, also known as Double Islands, and located near Halifax Hollow. The majority of this parcel is covered in deciduous forest with significant emergent, herbaceous wetlands along portions of the shoreline. Access to this parcel is available by boat only. These islands are known to receive extensive dispersed recreation use, specifically camping. In addition, the vegetation present provides habitat for several species. There is a medium probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-194. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	23–NE
TVA D–Stage Map Numbers	237
Stream Mile and Bank	TRMs 148.6 to 149.4L
Land Use/Land Cover	Deciduous forest, forested wetlands, and emergent/herbaceous wetlands
Known Dispersed Recreation Opportunities	Hunting, camping, and wildlife observation
Current Agreements/Commitments	None identified

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Assess islands for stabilization needs • Conduct a survey for wading/water bird nesting use • Conduct dispersed recreation inventory and impact assessment
Potential Partners	None identified

Parcel 195 – (0.9 acre)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small isolated parcel is comprised of two distinct tracts of land and is located along John Yarbro Branch. The majority of this parcel is covered in deciduous forest with forested wetlands along the shoreline. Access to the parcel is limited to boat only. Due to its small size and limited access, public use is limited on this parcel. There is a low probability for the presence of cultural resources. No federally or state-listed species are known to be present on this parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-195. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	23-NE
TVA D-Stage Map Numbers	233
Stream Mile and Bank	TRM 147.7L
Land Use/Land Cover	Deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	Potential hunting
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 196 – (3.4 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small linear parcel fronts Yarbro Landing. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. Access to the parcel is limited to boat only. Due to its small size and limited access, public use is limited

on this parcel. There is a high probability for the presence of cultural resources on this parcel. No federally or state-listed as listed endangered, threatened or special status species are known to be present on the parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-196. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	23-NE and 33-NW
TVA D-Stage Map Numbers	233
Stream Mile and Bank	TRM 147.0L
Land Use/Land Cover	Riparian vegetation
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Assess shoreline for stabilization needs
Potential Partners	None identified

Parcel 197 – (29.9 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along Whites Creek. Decatur County Road 1758 (Whites Creek Road) bisects the parcel. Historically, embankment plantings were established on portions of this parcel to protect the relocated road ROW from erosion. Access to this parcel is readily available by both boat and public roads. An informal boat-launching ramp and gravel parking area were developed by TVA in response to public use. There is a high probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on the parcel. Requests for private water use facilities would not be considered.

Table 4-197. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	32-SW
TVA D-Stage Map Numbers	229
Stream Mile and Bank	TRMs 144.2 to 144.7L
Land Use/Land Cover	Historic bottomland tree plantings and forested wetlands
Known Dispersed Recreation Opportunities	Hunting, camping, and fishing
Current Agreements/Commitments	None identified

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Mitigate dispersed recreation impacts • Embankment planting research
Potential Partners	None identified

Parcel 198 – (0.8 acre)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of a small tract of land located in Decatur County, Tennessee, and contains a portion of Decatur County Road 1758. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-198. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	32-SW
TVA D-Stage Map Numbers	229
Stream Mile and Bank	White Oak Creek mile 1.8L
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Permanent easement to Decatur County, Tennessee for a roadway
Potential Projects	None identified
Potential Partners	None identified

Parcel 199 – (2.6 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small linear parcel is located along the upper end of Whites Creek. This parcel serves as a visual buffer and provides numerous riparian habitat functions. Due to limited access and small size, this parcel receives very little public use. There is a low probability for the presence of cultural resources, but the area has not been surveyed. No federally or state-listed species are known to be present on the parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-199. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22–SE
TVA D–Stage Map Numbers	230
Stream Mile and Bank	TRM 144.0L
Land Use/Land Cover	Riparian vegetation
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 200 – (22.2 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along the left descending bank of Whites Creek. Historically, the majority of this parcel was in a revocable license for agricultural purposes, therefore a large portion of the parcel is covered in early successional forest. In addition, embankment plantings were established on portions of this parcel. Access is available by boat and potentially through a small public road along a portion of the boundary. There is a medium probability for the presence of cultural resources. No federally or state-listed species are known to be present on the parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-200. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22–SE and 32–SW
TVA D–Stage Map Numbers	229
Stream Mile and Bank	TRMs 143.5 to 143.8L
Land Use/Land Cover	Early successional forest and historical hardwood tree plantings
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Embankment planting research
Potential Partners	None identified

Parcel 201 – (2.0 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel consists of a small island, known as Kellys Island, located near the former Gumdale Dewatering Area. The majority of this parcel is covered with high quality, forested wetlands. Access to the parcel is available by boat only. Due to the limited access and size of the parcel, public use is limited. There is a low probability for the presence of cultural resources. No federally or state-listed as listed endangered, threatened or special status species are known to be present on the parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-201. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	32–SW
TVA D–Stage Map Numbers	229
Stream Mile and Bank	TRM 143.1L
Land Use/Land Cover	Forested wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Assess island for shoreline stabilization needs • Conduct survey for nesting wading/water bird use
Potential Partners	None identified

Parcel 202 – (218.4 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This large parcel contains TVA’s former Gumdale Dewatering Unit. The Gumdale Dewatering Unit consisted of 2,600 linear feet of levees, one spillway, and approximately 6.5 miles of internal drainage ditches. In February 2012, the non–operating pump house was removed and the levee was breached allowing the area to fluctuate with Kentucky Reservoir water levels. Due to the presence of the former dewatering unit on this parcel, there are several high quality wetlands present. Access to the parcel is readily available either by boat or by public roads. The parcel does receive substantial use by the public for hunting, fishing, and wildlife/scenic viewing opportunities. TVA constructed a parking area for public use at the old pump house site. No

federally or state-listed species are known to occur on the parcel. However, a federally listed mussel species is present in the river adjacent to the parcel. In addition, there is a high probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-202. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	32-SW
TVA D-Stage Map Numbers	226 and 229
Stream Mile and Bank	TRMs 143.0 to 144.1L
Land Use/Land Cover	Historic hardwood tree plantings, forested wetlands, scrub-shrub wetlands, emergent wetlands, bottomland forest, and agricultural
Known Dispersed Recreation Opportunities	Hunting, fishing, wildlife observation, photography
Current Agreements/Commitments	Term agricultural license for sharecrop purposes
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Enhance area for wildlife observation opportunities
Potential Partners	<ul style="list-style-type: none"> • Agricultural licensee • Tennessee Wildlife Resources Agency

Parcel 203 – (17.5 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along Halabough Branch. Decatur County Road 1758 (Visetown Road) bisects the parcel. Historically, embankment plantings were established on portions of this parcel to protect the relocated road ROW from erosion. Deciduous forest covers the majority of this parcel; however, significant high quality forested wetlands also occur on portions of the parcel. Access is readily available through the adjacent public road giving the public opportunity to hunt this parcel. No federally or state-listed as listed endangered, threatened or special status species are known to occur on the parcel. In addition, there is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-203. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	32-SW
TVA D-Stage Map Numbers	229
Stream Mile and Bank	TRM 143.0L
Land Use/Land Cover	Deciduous forest, forested wetlands, and historic bottomland tree plantings
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Embankment planting research • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 204 – (39.8 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along Crane Hollow Branch. Decatur County Road 1758 (Visetown Road) bisects the parcel. Historically, embankment plantings were established on portions of this parcel to protect the relocated road ROW from erosion. Deciduous forest covers the majority of this parcel; however, significant high quality forested wetlands also occur on portions of the parcel. Access is readily available through the adjacent public road giving the public opportunity to hunt this parcel. No federally or state-listed species are known to occur on this parcel. In addition, there is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-204. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-SE
TVA D-Stage Map Numbers	225 and 226
Stream Mile and Bank	TRM 140.4L
Land Use/Land Cover	Deciduous forest, forested wetlands, and historic bottomland tree plantings
Known Dispersed Recreation Opportunities	Hunting

Location Component and Public Involvement Opportunities	Parcel Specific Information
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Embankment planting research • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 205 – (4.6 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of a small tract of land located in Decatur County, Tennessee, and contains a portion of Decatur County Road 1758. The ROW has a low probability of cultural resources, the forest road, however, has a medium probability of cultural resources. Requests for private water use facilities would not be considered.

Table 4-205. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-SE
TVA D-Stage Map Numbers	225 and 226
Stream Mile and Bank	TRM 140.5L
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Permanent easement to Decatur County, Tennessee for a roadway
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 206 – (668.8 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This large parcel is located along the Tennessee River and south of Beech River. Access to the parcel is readily available either through public roads or by boat. This parcel contains TVA's Perryville Dewatering Unit (see Section 2.3.2). The Perryville Dewatering Unit is currently operated for fishing and hunting benefits through the manipulation of its sluice gate only; the pumps are no longer in operation. The Perryville Dewatering Unit is operated to provide a

relatively steady summer pool elevation for the adjacent campground through the summer and fall.

Much of this parcel is prime farmland, and approximately 80 acres are under a term agricultural license for perennial hay. Currently, TVA is collaborating with the licensees to convert existing hayfields to native warm season grasses enhancing habitat for wildlife dependent on grassland/early–successional habitats. Several high quality wetlands present provide excellent habitat and nesting sites for a variety of waterfowl and other wetland wildlife species. No federally or state-listed species are known to occur on this parcel. However, there is a high probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-206. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22–SE
TVA D–Stage Map Numbers	210 and 222
Stream Mile and Bank	TRMs 135.5 to 138.8L
Land Use/Land Cover	Historic hardwood tree plantings, forested wetlands, emergent wetlands, scrub-shrub wetlands, perennial hay/grasslands, and bottomland hardwood forest
Known Dispersed Recreation Opportunities	Hunting, photography, wildlife observation, and fishing
Current Agreements/Commitments	Two term agricultural licenses for perennial hay
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Conversion of perennial hay to native warm season grass habitat • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Restore dewatering unit to full potential • Enhance wildlife observation opportunities
Potential Partners	<ul style="list-style-type: none"> • Tennessee Wildlife Resources Agency • Agricultural licensees

Parcel 207 – (1.4 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel contains the levees and pump house associated with the Perryville Dewatering Unit. The back-lying land is used to support the dewatering unit. There is a medium probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-207. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-SE
TVA D-Stage Map Numbers	210
Stream Mile and Bank	TRMs 135.9 to 136.8L
Land Use/Land Cover	Pump house and levee
Known Dispersed Recreation Opportunities	Hunting, photography, wildlife observation, and fishing
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	Tennessee Wildlife Resources Agency

Parcel 208 – (25.8 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel was originally developed and managed by TVA. However, this area is now under a 30-year term easement (XTGIR-153RE) to Decatur County, Tennessee, for public recreation. The area is located near the Decaturville-Perryville Road and along the Beech River. There is a high probability for the presence of cultural resources. The area includes a campground, picnic area, boat-launching ramp, and play equipment. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-208. Parcel Information

Location Component	Parcel Specific Information
County, State	Decatur, Tennessee
TVA D-Stage Map Numbers	210
Stream Mile and Bank	TRM 135.7L

Parcel 209 – (16.9 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is comprised of several small islands and located within Beech River. Bottomland forest covers the majority of this parcel. Access to the parcel is available by boat only. These islands receive some hunting from the public. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-209. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22–SE
TVA D–Stage Map Numbers	210
Stream Mile and Bank	TRMs 136.2 to 136.5L
Land Use/Land Cover	Bottomland hardwood forest and forested wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Conduct a dispersed recreation inventory and assessment • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Assess islands for use by nesting wading/water birds
Potential Partners	None identified

Parcel 210 – (23.7 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small isolated parcel is located along Lost Creek and is bisected by TSR-100. Historically, embankment plantings were established on portions of this parcel to protect the relocated road ROW from erosion. Bottomland forest covers the majority of this parcel with some wetlands present along the northern boundary. Access to the parcel is available through public roads. Due to the parcel’s size and location, limited public use occurs; however, some hunting may occur by local residents. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-210. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22–SE
TVA D–Stage Map Numbers	221
Stream Mile and Bank	Beech River mile 5.0R
Land Use/Land Cover	Historic bottomland hardwood tree plantings and forested wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Conduct embankment planting research • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Refresh the existing paint denoting TVA's property boundaries
Potential Partners	None identified

Parcel 211 – (2.4 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of a small tract of land located in Decatur County, Tennessee, and contains a portion of TSR-100. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-211. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22–SE
TVA D–Stage Map Numbers	221
Stream Mile and Bank	TRM 140.5L
Land Use/Land Cover	Road ROW and historic hardwood tree plantings
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Permanent easement to Decatur County, Tennessee for a roadway
Potential Projects	None identified
Potential Partners	None identified

Parcel 212 – (52.4 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This isolated parcel is located along Rushing Creek, a tributary to Beech River, and is bisected by TSR-100. Historically, this parcel was managed to protect the public road ROW. Bottomland forest covers the majority of this parcel with significant high quality wetlands present along the northern portion of the parcel. Beaver ponds are also found in this area. Access to the parcel is available through public roads. Due to the parcel’s size and location, limited public use occurs; however, some waterfowl hunting may occur by local residents. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-212. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-SE
TVA D-Stage Map Numbers	221
Stream Mile and Bank	Beech River mile 7.2R
Land Use/Land Cover	Bottomland hardwoods, forested wetlands, and beaver ponds
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Refresh the existing paint denoting TVA’s property boundaries
Potential Partners	None identified

Parcel 213 – (3.9 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of a small tract of land located in Decatur County, Tennessee, and contains a portion of TSR-100. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-213. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-SE
TVA D-Stage Map Numbers	221

Location Component and Public Involvement Opportunities	Parcel Specific Information
Stream Mile and Bank	TRM 140.5L
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Permanent easement to Decatur County, Tennessee for a roadway
Potential Projects	None identified
Potential Partners	None identified

Parcel 214 – (2.0 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small isolated parcel is located along Beech River and adjacent to TSR-100/69 Bridge. Historically, this parcel was managed to protect the public road ROW. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. Access to the parcel is available through public roads; however, due to the parcel’s size and location, limited public use occurs. No federally or state-listed species are known to occur on the parcel. There is a low probability for the presence of cultural resources, but it has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-214. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22–SE
TVA D–Stage Map Numbers	220
Stream Mile and Bank	Beech River mile 10R
Land Use/Land Cover	Bottomland hardwoods and riparian vegetation
Known Dispersed Recreation Opportunities	Limited hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Refresh the existing paint denoting TVA’s property boundaries
Potential Partners	None identified

Parcel 215 – (21.6 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small isolated parcel is located along Turkey Creek, a tributary to Beech River. The land cover of the majority of this parcel is hardwood forest with significant wetlands present along portions of the parcel. Access to the parcel is limited; therefore, very little public use occurs on this small parcel. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-215. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-SW
TVA D-Stage Map Numbers	212
Stream Mile and Bank	Beech River mile 13.2R
Land Use/Land Cover	Bottomland hardwoods and forested wetlands
Known Dispersed Recreation Opportunities	Limited hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Refresh the existing paint denoting TVA's property boundaries
Potential Partners	None identified

Parcel 216 – (33.5 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along Turkey Creek, a tributary to Beech River. Historically, embankment plantings were established on portions of this parcel. The land cover of the majority of this parcel is hardwood forest with significant wetlands present along portions of the parcel. Access to the parcel is limited; therefore, very little public use occurs on this parcel. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources, but the parcel has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-216. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-SW
TVA D-Stage Map Numbers	219
Stream Mile and Bank	Beech River mile 13.5R
Land Use/Land Cover	Bottomland hardwoods, forested wetlands, and historic hardwood tree plantings
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Refresh the existing paint denoting TVA's property boundaries
Potential Partners	None identified

Parcel 217 – (1.6 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of a small tract of land located in Decatur County, Tennessee, and contains a portion of TSR-202. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-217. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-SW
TVA D-Stage Map Numbers	219
Stream Mile and Bank	Beech River mile 13.5R
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Permanent easement to Decatur County, Tennessee for a roadway
Potential Projects	None identified
Potential Partners	None identified

Parcel 218 – (77.9 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This isolated parcel is comprised of three tracts of land with TSR-202 separating two of the tracts. All three tracts of land are located along Beech River and near the Henderson County and Decatur County, Tennessee line. Historically, embankment plantings were established on portions of this parcel. The land cover of the majority of this parcel is hardwood forest. Portions of this parcel are also impacted by beaver dams; therefore, extensive flooding occurs resulting in significant high quality wetlands along portions of this parcel. However, due to this parcel’s distance from the main reservoir, very little public use occurs. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-218. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22–SW
TVA D–Stage Map Numbers	218
Stream Mile and Bank	Beech River miles 15.8 to 16.4B
Land Use/Land Cover	Historic bottomland hardwood tree plantings, forested wetlands, and beaver dams
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Refresh the existing paint denoting TVA’s property boundaries • Embankment planting research
Potential Partners	None identified

Parcel 219 – (2.9 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of a small tract of land located in Decatur County, Tennessee, and contains a portion of TSR-202. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-219. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-SW
TVA D-Stage Map Numbers	218
Stream Mile and Bank	Beech River mile 16.4B
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Permanent easement to Decatur County, Tennessee for a roadway
Potential Projects	None identified
Potential Partners	None identified

Parcel 220 – (19.6 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small isolated parcel is comprised of two tracts of land and located along Bear Creek, a tributary to Beech River. The tracts of land are separated by Tomlin Chapel Road. Historically, embankment plantings were established on portions of this parcel. The land cover of the majority of this parcel is bottomland hardwood forest. Public use of this parcel is limited due to the small parcel size; however, some local residents may use this property for hunting. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-220. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-SW
TVA D-Stage Map Numbers	212
Stream Mile and Bank	Beech River mile 14.4L
Land Use/Land Cover	Historic bottomland hardwood tree plantings
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Refresh the existing paint denoting TVA's property boundaries • Embankment planting research
Potential Partners	None identified

Parcel 221 – (0.9 acre)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of a small tract of land located in Decatur County, Tennessee, and contains a portion of Tomlin Chapel Road and Lewis Welch Road. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-221. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-SW
TVA D-Stage Map Numbers	212
Stream Mile and Bank	Beech River mile 14.4L
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Permanent easement to Decatur County, Tennessee for a roadway
Potential Projects	None identified
Potential Partners	None identified

Parcel 222 – (1.9 acres)

RLMP Allocation: Zone 6, Developed Recreation

This shoreline parcel adjoins a portion of former TVA property (XGIR-534) sold under Section 31 of the TVA Act to the City of Parsons. The area is located along the left descending bank of Beech River and is adjacent to TSR-100. There is a low probability for the presence of cultural resources, but it has not been surveyed. Outdoor sports fields associated with a public school have been developed on a portion of this parcel, and some additional recreation related development could be considered in the future.

Table 4-222. Parcel Information

Location Component	Parcel Specific Information
County, State	Decatur, Tennessee
TVA D–Stage Map Numbers	212
Stream Mile and Bank	Beech River mile 10.1L

Parcel 223 – (5.5 acres)

RLMP Allocation: Zone 5, Industrial

This small parcel is located entirely below the 375-foot contour msl and adjacent to the Beech River. A water treatment plant is located on the back-lying property. The City of Parsons, Tennessee, has installed a waterline on this parcel, and at least two unimproved roads are present. There is a medium probability for the presence of cultural resources. A site-specific environmental review will be conducted prior to any ground disturbance. Requests for use of TVA lands and associated water-based structures to support industrial purposes would be considered.

Table 4-223. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22–SE
TVA D–Stage Map Numbers	212
Stream Mile and Bank	Beech River mile 10L
Land Use/Land Cover	Deciduous forest and scrub-shrub
Current Agreements/Commitments	None identified

Parcel 224 – (135.5 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This relatively large parcel is comprised of three tracts of land located along the left descending bank of the Beech River. The majority of the parcel is covered with deciduous forest. However, significant high quality emergent and scrub-shrub wetlands occur on portions of the parcel. Access is available by boat and via a public road on the eastern most portion of the parcel. A small portion of this parcel is under a linear revocable license to support both electric and water utilities. This parcel supports a limited variety of small and large game species and frequently attracts high numbers of wintering waterfowl. No federally or state-listed species are known to

occur on the parcel. There is a high probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-224. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-SE
TVA D-Stage Map Numbers	210
Stream Mile and Bank	Beech River miles 1.9 to 3.0L
Land Use/Land Cover	Deciduous forest, emergent wetlands, scrub-shrub wetlands, and early to mid-successional vegetation
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable License to Lexington Electric Systems (Electric Utilities) • Revocable License to Perryville Utility District (Water Utilities)
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Possible conversion of former agricultural area into native warm season grass management
Potential Partners	None identified

Parcel 225 – (13.1 acres)

RLMP Allocation: Zone 6, Developed Recreation

This shoreline parcel borders former TVA property (XTGIR-18) that TVA transferred to the State of Tennessee for public recreation. The area is located along the left descending bank of the Beech River and is accessible from the Decaturville-Perryville Road. TWRA maintains a boat-launching ramp and parking lot on the property. There is a high probability for the presence of cultural resources in the undeveloped areas. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-225. Parcel Information

Location Component	Parcel Specific Information
County, State	Decatur, Tennessee
TVA D-Stage Map Numbers	210
Stream Mile and Bank	Beech River mile 2L

Parcel 226 – (16.2 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This small parcel is located at the confluence of the Beech and Tennessee rivers. This parcel is the site of the original town of Perryville and has historical significance. The land cover of the majority of the parcel is dominated by deciduous forest; however, scrub-shrub wetlands occur along portions of the shoreline. Access is available by boat and by use of a public road that is adjacent to the property. A small portion of this parcel is under a permanent easement to support local utilities and to support the public road. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-226. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-SE
TVA D-Stage Map Numbers	210-2
Stream Mile and Bank	TRM 135.6L
Land Use/Land Cover	Deciduous forest and scrub-shrub wetlands
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easement to the Tennessee Department of Transportation for a roadway • Permanent easement to the City of Parsons for utilities
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 227 – (0.8 acre)

RLMP Allocation: Zone 2, Project Operations

This parcel contains the Perryville Navigational Light at TRM 135.7L. The neighboring parcels and back-lying land use/land cover are industrial and deciduous forest. There is a high probability for the presence of cultural resources in the undamaged areas. Future development of this parcel will be restricted and requests for private water use facilities would not be considered.

Table 4-227. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-SE
TVA D-Stage Map Numbers	210-2
Stream Mile and Bank	TRM 135.7L
Land Use/Land Cover	Industrial
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 228 – (4.6 acres)

RLMP Allocation: Zone 5, Industrial

This parcel is located near the area of Perryville, Tennessee, and adjacent to the Tennessee River. Currently, the entirety of this parcel is an industrial site and under a revocable license to Tinker Sand and Gravel, Inc. An undeveloped portion of this parcel has a high probability for the presence of cultural resources. Requests for continued use of TVA lands and associated water-based structures to support industrial purposes would be considered.

Table 4-228. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-SE
TVA D-Stage Map Numbers	210-2
Stream Mile and Bank	TRM 135.6L
Land Use/Land Cover	Industrial
Current Agreements/Commitments	Revocable license to Tinker Sand and Gravel, Incorporated for a barge terminal

Parcel 229 – (2.4 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located near the confluence of the Tennessee River and Alley Branch. The majority of the parcel is covered with deciduous forest. This parcel is separated from the reservoir by a public road and by Perryville Marina. Access is available by public road only; however, public use is limited due to size and proximity to nearby developed areas. This parcel

serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-229. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-SE and 22-NE
TVA D-Stage Map Numbers	210-1
Stream Mile and Bank	TRM 135.1L
Land Use/Land Cover	Deciduous forest
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 230 – (31.7 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located adjacent to US-412. The area is under revocable license agreements to Perryville Marina, LLC for commercial recreation. A portion of the parcel, located along the right descending bank of Alley Branch, is used primarily for boat moorage. The portion of the parcel, located along the left descending bank of Alley Branch, has been developed for camping and marina related services. There is a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-230. Parcel Information

Location Component	Parcel Specific Information
County, State	Decatur, Tennessee
TVA D-Stage Map Numbers	208
Stream Mile and Bank	TRM 135L

Parcel 231 – (35.3 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along both banks of Alley Branch and is bisected by TSR-20/100. The majority of the parcel is covered by deciduous forest with some forested wetlands present along the shoreline. Access to the parcel is readily available by public road and by boat; however, public use is limited due to size of the parcel and proximity to nearby development. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-231. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-NE
TVA D-Stage Map Numbers	208
Stream Mile and Bank	TRM 134.8L
Land Use/Land Cover	Deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	Hunting and bank fishing
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 232 – (1.6 acres)

RLMP Allocation: Zone 5, Industrial

This parcel is located near the area of Perryville, Tennessee, and adjacent to the Tennessee River. Currently, an approximate 0.3-acre portion of this parcel is under a revocable license to Koch Materials for an industrial site. The remainder of the parcel remains in deciduous forest. There is a low probability for the presence of cultural resources, but the parcel has not been surveyed. Requests for use of TVA lands and associated water-based structures to support industrial purposes would be considered.

Table 4-232. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-NE
TVA D-Stage Map Numbers	207 and 208
Stream Mile and Bank	TRM 134.9L
Land Use/Land Cover	Deciduous forest and industrial site
Current Agreements/Commitments	Revocable license to Koch Materials for an industrial site

Parcel 233 – (1.9 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of the Tennessee River and extends between TVA markers 208-65 to 208-51. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a medium probability for the presence of cultural resources, but it has not been surveyed. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. Alley Bluff Small Wild Area is located on nearby Parcel 234 which included Featherfoot cave, a priority 2 cave in the gray bat recovery plan and a known maternity roost location. Habitat for gray bat foraging exists within this area and the adjacent Parcel 234. Another cave exists on this parcel as well though no rare species have been documented inside. Potential impacts to the small wild area, habitat for bat foraging, or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-233. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	23-NE
TVA D-Stage Map Numbers	208
Stream Mile and Bank	TRM 134.9L
Land Use/Land Cover	Deciduous forest
Fronts Former TVA Tract (s)	XGIR-633 and XGIR-691
Structure Profile	Varies
Current Agreements/Commitments	None identified

Parcel 234 – (54.5 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

The parcel is located along the Tennessee River and in slightly downstream of Pikes Peak Branch. Alley Bluff Habitat Protection Area is located on the parcel. This parcel contains a riparian corridor of deciduous hardwood forests and a large overhanging limestone bluff with numerous small cracks and crevices. In addition, Featherfoot Cave provides habitat for a summer maternity colony of the federally listed gray bat. A memorandum of understanding exists between TVA and TWRA for provision of law enforcement at the cave entrance. Habitat for gray bat foraging exists within the adjacent Parcels 101 and 233. Currently, TVA is reviewing potential 30-acre expansion of the habitat protection area into Parcel 101. This expansion would include the forested area that contains potential foraging habitat.

Access and public use of the parcel are limited due to steep topography. A cave gate has been placed at the entrance of the cave to prevent intruders and minimize bat disturbance. In addition to the gray bat habitat, there is a high probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-234. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Kentucky
Topographic Map (Sheet No. and Quadrant)	22-NE
TVA D-Stage Map Numbers	208
Stream Mile and Bank	TRMs 133.6 to 134.5L
Land Use/Land Cover	Mixed pine/hardwood forest and limestone bluffs
Known Dispersed Recreation Opportunities	Wildlife and scenic observation
Current Agreements/Commitments	<ul style="list-style-type: none"> • Memorandum of Understanding with Tennessee Wildlife Resources Agency for provision of limited law enforcement at Featherfoot Cave • Protection for federally listed species
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Expansion of HPA northward to include an additional 30 acres • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Monitor and maintain gate at Featherfoot cave
Potential Partners	<ul style="list-style-type: none"> • U.S. Fish and Wildlife Services • Tennessee Wildlife Resources Agency

Parcel 235 – (18.1 acres)*RLMP Allocation: Zone 6, Developed Recreation*

This parcel is adjacent to former TVA property (XTGIR-16) that was transferred to the State of Tennessee for public recreation. Access to the parcel is via Brodie's Landing Road. TWRA maintains a boat-launching ramp and parking lot on this parcel. In the undeveloped areas, there is a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-235. Parcel Information

Location Component	Parcel Specific Information
County, State	Decatur, Tennessee
TVA D-Stage Map Numbers	197
Stream Mile and Bank	TRM 128.3L

Parcel 236 – (1.7 acres)*RLMP Allocation: Zone 2, Project Operations*

This parcel contains the Brodie's Landing Navigational Light at TRM 128.1L. The neighboring parcels and back-lying land use are deciduous forest and residential. There is a medium probability for the presence of cultural resources. Future development of this parcel will be restricted and requests for private water use facilities would not be considered.

Table 4-236. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-NE
TVA D-Stage Map Numbers	197
Stream Mile and Bank	TRM 128.1L
Land Use/Land Cover	Deciduous forest
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 237 – (133.4 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This relatively large parcel is comprised of several tracts of land. The parcel spans a portion of both banks of Lick Creek and includes all the islands within the Lick Creek embayment. The majority of the parcel is covered by deciduous forest with significant high quality scrub-shrub and forested wetlands present along portions of the shoreline. Small portions of this parcel are under linear revocable licenses to support electric utilities and public road ROW. Access to the parcel is available by boat or public road. The parcel provides multiple dispersed recreational opportunities including camping along the reservoir shoreline. In 2009, TVA conducted a dispersed recreation inventory and identified five dispersed recreation sites on this parcel at the mouth of Lick Creek. Impacts at these sites were minimal at the time and no mitigation efforts were necessary. This parcel contains a limited amount of prime waterfowl production and resting/feeding habitat and habitat capable of supporting a limited number of wetlands wildlife species. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources along the portions of the parcel adjacent to main reservoir shoreline. There is a medium probability for the presence of cultural resources along portions of the parcel adjacent to and within the Lick Creek embayment. There are existing facilities on this parcel that could be permissible under TVA’s policies unless they are determined to be violations. However, requests for new water use facilities would not be considered.

Table 4-237. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-NE
TVA D-Stage Map Numbers	197
Stream Mile and Bank	TRMs 127.3 to 128.1L
Land Use/Land Cover	Deciduous forest, forested wetlands, and scrub-shrub wetlands
Known Dispersed Recreation Opportunities	Hunting, bank fishing, camping, and wildlife observation
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to Lexington Electric Systems for electric utilities • Revocable license to Decatur County Highway Department for public road

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Mitigate impacts associated with dispersed recreation
Potential Partners	None identified

Parcel 238 – (48.8 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two tracts of land and is located along the left descending bank of the Tennessee River and along Lick Creek. This parcel extends between TVA markers 197–70 to a point approximately 275 feet from TVA marker 197–32. This parcel lies mostly below the 375-foot msl, and the current land use is deciduous forest and maintained lawn. There is a medium to high probability for the presence of cultural resources. Kirby Subdivision is located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-238. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22–NE
TVA D–Stage Map Numbers	197
Stream Mile and Bank	TRM 127.6L
Land Use/Land Cover	Deciduous forest and maintained lawn
Fronts Former TVA Tract (s)	XGIR–524
Structure Profile	Varies
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to Lexington Electric System for electric utilities

Parcel 239 – (11.1 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of the Tennessee River within the Lick Creek embayment and extends between TVA markers 39 to 196–28. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest and wetlands. There is a medium probability for the presence of cultural resources. One cave occurs within 200 feet of this parcel. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. Wetlands are present along the entirety of this parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-239. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-NE
TVA D-Stage Map Numbers	196 and 197
Stream Mile and Bank	TRM 127.6L
Land Use/Land Cover	Deciduous forest and wetlands
Fronts Former TVA Tract (s)	XGIR-523 and XGIR-685
Structure Profile	Varies
Current Agreements/Commitments	None identified

Parcel 240 – (82.3 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This predominantly bottomland hardwood parcel is located at the upper end of Lick Creek embayment. In addition to bottomland hardwoods, this parcel also contains diverse and high quality scrub-shrub and emergent wetlands. This parcel contains a limited amount of prime waterfowl production, resting/feeding habitat, and habitat capable of supporting a limited number of wetlands wildlife species. Access to the parcel is available by boat only. Due to access issues, public use is probably limited to hunting. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-240. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-NE
TVA D-Stage Map Numbers	196
Stream Mile and Bank	TRM 127.0L
Land Use/Land Cover	Deciduous forest; forested, scrub-shrub and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Wetlands protection and management
Potential Partners	None identified

Parcel 241 – (91.0 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts located along the left descending bank of the Tennessee River within the Lick Creek embayment. This parcel extends among TVA markers 37 to 38 and 196-24 to 44. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest, maintained lawn, and wetlands. There is a medium probability for the presence of cultural resources. Millers Point Subdivision and one unnamed subdivision are located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. High quality wetlands are present from Millers Point Subdivision towards the headwaters of Lick Creek. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-241. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-NE
TVA D-Stage Map Numbers	196 and 197
Stream Mile and Bank	TRM 127.6L
Land Use/Land Cover	Deciduous forest, maintained lawn, and wetland

Location Component and Public Involvement Opportunities	Parcel Specific Information
Fronts Former TVA Tract (s)	XGIR-522, XGIR-578, XGIR-601, XGIR-602 and XGIR-684
Structure Profile	Varies
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to Lexington Electric System for electric utilities

Parcel 242 – (4.7 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel, located near the mouth of the Lick Creek, is currently undeveloped. However, the area is informally used for boat launching, shoreline fishing, and other water based recreation activities. The parcel, known locally as Bohannon’s Landing, is accessible from Decatur County Road 1741. Potential future public recreation development could include a boat-launching ramp, shoreline fishing area, and picnic or camping facilities. There is a high probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-242. Parcel Information

Location Component	Parcel Specific Information
County, State	Decatur, Tennessee
TVA D-Stage Map Numbers	197
Stream Mile and Bank	TRM 127.5L

Parcel 243 – (6.9 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of the Tennessee River within the Ricketts Creek embayment. This parcel extends between TVA markers 81 to 82. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest and wetlands. There is a medium probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline; however, one active approval for a floating boathouse exists. Future requests for private water use facilities would be considered. Wetlands are present along portions of this parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-243. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-NE
TVA D-Stage Map Numbers	197-D
Stream Mile and Bank	TRM 127.3L
Land Use/Land Cover	Deciduous forest and wetlands
Fronts Former TVA Tract (s)	XGIR-683
Structure Profile	Elevation 382-foot msl
Current Agreements/Commitments	Approval for a private water use facility

Parcel 244 – (6.3 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is Denson Island and is located within the Tennessee River and upstream of Saulpaws Landing. The land cover of the parcel is predominantly deciduous forest, and some wetlands may occur along the shoreline. Access to the parcel is available by boat only. Due to limited access and small parcel size, public use is limited. No federally or state-listed species are known to occur on the parcel. However, the parcel may be used by foraging bald eagles. There is a low probability for the presence of cultural resources on this parcel, but it has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-244. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	22-NE and 22-SE
TVA D-Stage Map Numbers	195
Stream Mile and Bank	TRMs 125.2 to 125.7L
Land Use/Land Cover	Deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Conduct a survey for nesting wading/water bird use • Conduct a dispersed recreation assessment
Potential Partners	None identified

Parcel 245 – (53.5 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This relatively isolated parcel is located near Saulpaws Landing and across the Tennessee River from Toms Creek. The land use of the majority of this parcel consists of perennial hayfield. A small area of scrub-shrub and forested seasonal wetlands is present near the middle of the property, and a narrow shoreline riparian zone is present. This parcel contains a small amount of quality waterfowl habitat and limited wetlands wildlife habitat. Access is available by boat and a public road that borders the northwestern edge of property. A portion of the parcel is currently under a term agricultural license for perennial hay. This parcel is proposed to transition from perennial hay to native warm season grasses. A small portion of this parcel is under a linear revocable license to support electric utilities. There is a high probability for the presence of cultural resources on this parcel. No federally or state-listed species are known to be present on the parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-245. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	31–SW
TVA D–Stage Map Numbers	192
Stream Mile and Bank	TRMs 124.1 to 124.4L
Land Use/Land Cover	Perennial hay and scrub-shrub and forested wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to Lexington Electric Systems for electric utilities • Term agricultural license for perennial hay
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Possible conversion of agricultural area into native warm season grass management cooperative partnership
Potential Partners	Agricultural/Cooperative Partnership licensee

Parcel 246 – (6.0 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This small off–water parcel is located west of the adjacent Parcel 245 and Cotham Town Lane. The land cover of a majority of the parcel is dominated by deciduous forest, but the presence of high quality wetlands warranted the allocation to Sensitive Resource Management. This parcel

contains a small amount of quality waterfowl and wildlife habitat. Access to the parcel is available via Cotham Town Lane. A small portion of this parcel is under a linear revocable license to support electric utilities. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-246. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	31-SW
TVA D-Stage Map Numbers	192
Stream Mile and Bank	TRM 124.4L
Land Use/Land Cover	Deciduous forest and forested wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	Revocable license to Lexington Electric Systems for electric utilities
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries
Potential Partners	None identified

Parcel 247 – (133.8 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This large parcel is located along the left descending bank of Hog Creek. In addition to deciduous forest and hayfields, this parcel also contains forested, scrub-shrub, and emergent wetlands. This parcel contains a limited amount of prime waterfowl resting/feeding habitat and habitat capable of supporting a limited number of wetlands wildlife species. Access to the parcel is available via boat and farm roads; therefore, public use is limited. A portion of this parcel is prime farmland, and approximately 37 acres is currently under a term agricultural license for perennial hay. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-247. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Decatur, Tennessee
Topographic Map (Sheet No. and Quadrant)	31-SW
TVA D-Stage Map Numbers	191 and 192
Stream Mile and Bank	TRMs 121.8 to 122.3L
Land Use/Land Cover	Deciduous forest, perennial hay, and forested, scrub-shrub and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	Term agricultural license for perennial hay
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Wetlands protection and management • Continued establishment and conversion to native warm season grasses
Potential Partners	Agricultural Cooperative Partnership Licensee

Parcel 248 – (2.9 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along the mouth of Birdsong Creek and is adjacent to TNWR. In addition to deciduous forest, this parcel also contains forested, scrub-shrub, and emergent wetlands. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. Access to the parcel is available by boat only. Due to its small size and limited access, this parcel receives very little public use. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-248. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	21-NE
TVA D-Stage Map Numbers	168
Stream Mile and Bank	TRM 104.4L
Land Use/Land Cover	Deciduous forest and forested, scrub-shrub and emergent wetlands
Known Dispersed Recreation Opportunities	None identified

Location Component and Public Involvement Opportunities	Parcel Specific Information
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 249 – (56.4 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the right descending bank of Birdsong Creek and is bisected by TSR-191. Portions of the parcel are under management by three different entities—TWRA; Birdsong Resort, Marina, and Campground; and Wildlife Cove Marina.

The upstream portion of the parcel adjoins former TVA property (XTGIR-15) that TVA transferred to the State of Tennessee for public recreation. TWRA maintains a boat-launching ramp and parking area on this portion of the parcel. TWRA also maintains a parking lot serving a public fishing pier along the TSR-191 ROW.

Birdsong Resort, Marina, and Campground manages the portion of the parcel that extends between TVA markers 168–25 A–3 and RT 122. This commercial recreation area includes a marina, boat-launching ramp, campground, rental cabins, visitor center, and restaurant.

Wildlife Cove Marina manages the portion of the parcel that extends between TVA markers RT and 168–24A. This commercial recreation area provides for a marina, boat-launching ramp and parking lot.

The undeveloped areas have a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-249. Parcel Information

Location Component	Parcel Specific Information
County, State	Benton, Tennessee
TVA D–Stage Map Numbers	168
Stream Mile and Bank	TRM 103.5L

Parcel 250 – (3.9 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of a small tract of land located in Benton County, Tennessee, and contains a portion of TSR-191. A fishing pier is also located on this parcel with the associated parking area located on Parcel 249. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-250. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	21-NE
TVA D-Stage Map Numbers	168
Stream Mile and Bank	Birdsong Creek mile 2R
Land Use/Land Cover	Road ROW and fishing pier
Known Dispersed Recreation Opportunities	bank fishing
Current Agreements/Commitments	Permanent easement to Benton County, Tennessee for a roadway
Potential Projects	None identified
Potential Partners	None identified

Parcel 251 – (65.2 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of nine small noncontiguous tracts and is located along the right descending bank of Birdsong Creek. This parcel extends among TVA markers 120 to 98; 122 to 135; 134 to 133; 131 to 132; 129 to 130; 127 to 128; 126 to 125; 124 to 137; and 136 to 123. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest and wetlands. There is a medium probability for the presence of cultural resources. Only one water use facility has been constructed along the shoreline, and future requests for private water use facilities would be considered. High quality wetlands are present along the entirety of this parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-251. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	21-NE
TVA D-Stage Map Numbers	168
Stream Mile and Bank	Birdsong Creek miles 2.7 to 3.7R
Land Use/Land Cover	Deciduous forest and wetlands
Fronts Former TVA Tract (s)	XGIR-484, XGIR-577, XGIR-598, and XGIR-599
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approval for one private water use facility • Permanent easement to Benton County, Tennessee for a roadway

Parcel 252 – (54.0 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is composed of eight noncontiguous tracts of land. In addition to deciduous forest, this parcel also contains significant high quality forested and scrub-shrub wetlands along the majority of the shoreline. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. Access to the entirety of the parcel is available by boat, and portions of the parcel have additional public road access. A limited variety of small game and some concentration of big game are present on the parcel. Therefore, dispersed recreation opportunities for both hunting and wildlife observation are also present. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources, but only a portion of the area has been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-252. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	21-NE
TVA D-Stage Map Numbers	168
Stream Mile and Bank	Bird Song Creek miles 2.7 to 3.7R
Land Use/Land Cover	Historic hardwood tree plantings, deciduous forest and forested and scrub-shrub wetlands
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	None identified

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 253 – (225.4 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This large parcel includes three distinct tracts of land and all the islands between Birdsong Creek miles 3.5 to 4.2. The land cover of this parcel is predominantly deciduous forest; however, significant high quality forested and scrub-shrub wetlands occur along portions of the shoreline. Portions of this parcel are designated for long-term wetland monitoring associated with the Reservoir Operations Study EIS (TVA 2004). This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. Public road access is available to portions of this parcel; in addition, forest roads have been established through portions of the parcel to improve accessibility. There are two dispersed recreation sites on two of the islands. In addition to these two sites, the remainder of the parcel is known to receive substantial dispersed recreation use mainly hunting. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources, but this area has been not surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-253. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	21-NE
TVA D-Stage Map Numbers	166
Stream Mile and Bank	TRM 106.2L
Land Use/Land Cover	Deciduous forest and forested and scrub-shrub wetlands
Known Dispersed Recreation Opportunities	Hunting, camping, and wildlife observation
Current Agreements/Commitments	Long-term wetland monitoring associated with TVA’s Reservoir Operations Study environmental impact statement

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Wetland protection • Assess dispersed recreation sites and impacts
Potential Partners	Tennessee Department of Environment and Conservation

Parcel 254 – (11.6 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of Birdsong Creek and extends between TVA markers 102 to 42. This parcel lies entirely below the 375-foot msl contour, and the current land cover is deciduous forest and wetlands. There is a high probability for the presence of cultural resources, but the parcel has not been surveyed. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. High quality wetlands are present along the entirety of this parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-254. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	21-NE
TVA D-Stage Map Numbers	166
Stream Mile and Bank	Birdsong Creek mile 4.1R
Land Use/Land Cover	Deciduous forest and wetlands
Fronts Former TVA Tract (s)	XGIR-483
Structure Profile	Elevation 381-foot msl contour
Current Agreements/Commitments	None identified

Parcel 255 – (112.5 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This large parcel includes three distinct tracts of land along the left descending bank between Birdsong Creek miles 3.5 to 4.2. The land cover of this parcel is predominantly deciduous forest; however, significant high quality forested and scrub-shrub wetlands occur along portions of the shoreline. Public road access is available to portions of this parcel; in addition, forest roads have been established through portions of the parcel to improve accessibility. A limited variety of small game with some concentration of big game is present on the parcel. The shoreline portion of this parcel possesses a limited amount of waterfowl production and wintering habitat. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources, but this area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-255. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	21-NE
TVA D-Stage Map Numbers	165 and 166
Stream Mile and Bank	Birdsong Creek miles 4.6 to 6L
Land Use/Land Cover	Deciduous forest and forested and scrub-shrub wetlands
Known Dispersed Recreation Opportunities	Hunting, wildlife observation, and camping/fishing
Current Agreements/Commitments	Long-term wetland monitoring associated with Reservoir Operations Study EIS
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Wetland protection • Assess dispersed recreation uses and impacts
Potential Partners	Tennessee Department of Environment and Conservation

Parcel 256 – (108.9 acres)*RLMP Allocation: Zone 7, Shoreline Access*

This parcel consists of two noncontiguous tracts located along the left descending bank of Birdsong Creek. This parcel extends among TVA markers 166–43 to 166–45 and 166–46 to 166–44. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest and wetlands. There is a high probability for the presence of cultural resources, but the parcel has not been surveyed. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. High quality wetlands are present along the entirety of this parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-256. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	21–NE
TVA D–Stage Map Numbers	166
Stream Mile and Bank	Birdsong Creek miles 4.8 to 6L
Land Use/Land Cover	Deciduous forest and wetlands
Fronts Former TVA Tract (s)	XGIR–479, XGIR–480, XGIR–481, and XGIR–482
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	None identified

Parcel 257 – (32.5 acres)*RLMP Allocation: Zone 7, Shoreline Access*

This parcel is located along the left descending bank of Birdsong Creek and extends between TVA markers 165–13 to Parcel 255. This parcel lies entirely below the 375-foot msl contour, and the current land use is deciduous forest and maintained lawns. There is a high probability for the presence of cultural resources, but the parcel has not been surveyed. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-257. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	21-NE
TVA D-Stage Map Numbers	165
Stream Mile and Bank	Birdsong Creek miles 2.7 to 3.7L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-782
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to Benton County Board of Public Utilities

Parcel 258 – (7.6 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along the left descending bank of Birdsong Creek at the confluence of York Branch. The land cover of this parcel is predominantly deciduous forest; however, significant high quality forested and scrub-shrub wetlands occur along portions of the shoreline. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. The parcel is accessible by boat and from adjacent Scout Camp; therefore, public use is limited. A small portion of this parcel is under a linear revocable license to support electric utilities. A limited variety of small game with some concentration of big game is present on the parcel. The shoreline portion of this parcel possesses a limited amount of waterfowl production and wintering habitat. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources, but this area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-258. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Bento, Tennessee
Topographic Map (Sheet No. and Quadrant)	21-NE
TVA D-Stage Map Numbers	165
Stream Mile and Bank	Birdsong Creek mile 2.7L
Land Use/Land Cover	Deciduous forest and forested and scrub-shrub wetlands
Known Dispersed Recreation Opportunities	Hunting and wildlife observation

Location Component and Public Involvement Opportunities	Parcel Specific Information
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable License to Board of Public Utilities, Benton County (Electric Utilities)
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Wetlands protection
Potential Partners	None identified

Parcel 259 – (61.2 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of Birdsong Creek. The back-lying property is former TVA property (XGIR-298) and was sold via Section 4(k)(a) of the TVA Act to the West Tennessee Area Council of the Boy Scouts of America. The back-lying property is currently used as a group camp and future development is restricted to recreational purposes. The shoreline parcel is utilized for water-based activities such as swimming, boating, and fishing. The undeveloped areas have a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-259. Parcel Information

Location Component	Parcel Specific Information
County, State	Benton, Tennessee
TVA D–Stage Map Numbers	165
Stream Mile and Bank	Birdsong Creek miles 2 to 2.7L

Parcel 260 – (28.0 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of Birdsong Creek and TRM 104. The parcel extends between TVA markers 164–52 to 163–16. This parcel lies entirely below the 375-foot msl contour, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. A portion of TVA-developed Birdsong Creek Subdivision is located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities

would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-260. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	21-NE
TVA D-Stage Map Numbers	163 and 165
Stream Mile and Bank	TRM 103.5L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-474 and XGIR-475
Structure Profile	Varies
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 261 – (0.04 acre)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is an island located adjacent to a portion of Birdsong Creek Subdivision. The land cover of this parcel is predominantly deciduous forest; however, significant high quality forested, scrub-shrub, emergent wetlands occur along the shoreline. The parcel is accessible by boat; therefore, public use is very limited. The shoreline portion of this parcel and neighboring parcels possess a limited amount of waterfowl production and wintering habitat. No federally or state-listed species are known to occur on the parcel. There is a low probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-261. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	21-NE
TVA D-Stage Map Numbers	163
Stream Mile and Bank	TRM 103.5L
Land Use/Land Cover	Deciduous forest and forested, scrub-shrub, emergent wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Wetlands protection
Potential Partners	None identified

Parcel 262 – (3.5 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of Birdsong Creek and extends between TVA markers 163–16 and 163–55. The back-lying property is former TVA property (XGIR–561) and was sold via Section 31 of the TVA Act. The back-lying property is residential and there is a permitted multi-slip private water use facility and a boat-launching ramp. There is a medium probability for the presence of cultural resources. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-262. Parcel Information

Location Component	Parcel Specific Information
County, State	Benton, Tennessee
TVA D–Stage Map Numbers	163
Stream Mile and Bank	TRM 103.5L
Land Use/Land Cover	Upland hardwoods and maintained lawns
Fronts Former TVA Tract (s)	XGIR–561
Structure Profile	Varies
Current Agreements/Commitments	Approval for private water use facilities

Parcel 263 – (11.1 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of Birdsong Creek at TRM 103.5L. The parcel extends between TVA markers 163–11D to 163–55. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. A portion of TVA–developed Birdsong Creek Subdivision is located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-263. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	21-NE
TVA D-Stage Map Numbers	163
Stream Mile and Bank	TRM 103.5L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-560
Structure Profile	Varies
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to Tennessee Wildlife Resources Agency for a wildlife management area

Parcel 264 – (9.3 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This small parcel is comprised of an island near the confluence of Birdsong Creek and the Tennessee River. This parcel features predominantly high quality forested, scrub-shrub, and emergent wetlands. This area serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. Access to the parcel is by boat; therefore, public use is limited. This parcel is within close proximity to TWRA managed lands to support waterfowl management, and the island lies between the TNWR and Camden Wildlife Management Area (WMA).

No federally or state-listed species are known to occur on this parcel. There is a high probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-264. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	21-NE
TVA D-Stage Map Numbers	154 and 163
Stream Mile and Bank	TRMs 102.2 to 103.4L
Land Use/Land Cover	Forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting, fishing and wildlife observation
Current Agreements/Commitments	None identified

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Wetlands protection • Monitor dispersed recreation uses and impacts • Shoreline stabilization to protect cultural resources • Inventory for nesting wading/water birds
Potential Partners	<ul style="list-style-type: none"> • U.S. Fish and Wildlife Service • Tennessee Wildlife Resource Agency

Parcel 265 – (3.7 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This small parcel is comprised of several islands adjacent to the Camden Dewatering Area. This parcel features predominantly high quality forested, scrub-shrub, and emergent wetlands. This area serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. Access to the parcel is by boat with limited vehicular access to the most downstream portion of this parcel via Camden levee road; therefore, public use is limited.

The shoreline portion of this parcel possesses a limited amount of waterfowl habitat. This parcel is within close proximity to TWRA managed lands to support waterfowl management. The most downstream island has previously had some access from the Camden levee for bank fishing.

No federally or state-listed species are known to occur on this parcel. There is a high probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-265. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	21-NE
TVA D-Stage Map Numbers	154 and 163
Stream Mile and Bank	TRMs 102.2 to 103.4L
Land Use/Land Cover	Forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting, fishing and wildlife observation

Location Component and Public Involvement Opportunities	Parcel Specific Information
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Wetlands protection • Monitor dispersed recreation uses and impacts • Shoreline stabilization to protect cultural resources • Inventory for nesting wading/water birds
Potential Partners	<ul style="list-style-type: none"> • U.S. Fish and Wildlife Service • Tennessee Wildlife Resource Agency

Parcel 266 – (3,633.3 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel encompasses the Camden Dewatering Unit and is managed by TVA and TWRA. This parcel features a mixture of bottomland forest, forested, scrub-shrub and emergent wetlands; agricultural lands; and open water associated with dewatering activities. Management emphasis is providing waterfowl hunting opportunities from drawn blinds and designated temporary blinds. Other small and big game hunting is allowed outside of the waterfowl season, and the area receives fishing pressures during dewatering operations. Wildlife observation opportunities are also abundant. Although regulated and managed by TWRA, access to this parcel is available by boat or road.

No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources, but only a portion of the area has been surveyed.

Requests for private water use facilities would not be considered.

Table 4-266. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20-SE and 21-NE
TVA D-Stage Map Numbers	150, 153, 154, and 163
Stream Mile and Bank	TRMs 99.7 to 103.3L
Land Use/Land Cover	Historic hardwood tree plantings, bottomland forest and forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting, fishing, and wildlife observation

Location Component and Public Involvement Opportunities	Parcel Specific Information
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable licenses to Tennessee Wildlife Resources Agency for limited management of Camden Dewatering Unit and full management of a wildlife management area • Revocable license to Benton County Board of Public Utilities for electric utilities
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Wetlands protection and enhancement • Monitor dispersed recreation uses and impacts • Cultural Resource exploration and management in cooperation with Tennessee Wildlife Resources Agency’s wildlife management objectives • Promote wildlife observation opportunities • Embankment planting research • Explore management opportunities for migratory shorebirds
Potential Partners	Tennessee Wildlife Resources Agency

Parcel 267 – (71.0 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel contains the levees and pump house associated with the Camden Dewatering Unit. The back-lying land is used to support the dewatering unit. A population of the state endangered species lamance iris, has been recently recorded on this parcel. There is a medium probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-267. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20–SE and 21–NE
TVA D–Stage Map Numbers	150, 153, 154, and 163
Stream Mile and Bank	TRMs 99.7 to 103.3L
Land Use/Land Cover	Pump house and levee
Known Dispersed Recreation Opportunities	Hunting, photography, wildlife observation, and fishing
Current Agreements/Commitments	Revocable license to the Tennessee Wildlife Resources Agency for limited management of the dewatering unit
Potential Projects	Systematic survey for historic properties

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Partners	Tennessee Wildlife Resources Agency

Parcel 268 – (2.2 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along Camden Landing Road within the area of the Camden Dewatering Unit. TWRA maintains a boat-launching ramp, fishing pier, and parking area at this location. There is a high probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-268. Parcel Information

Location Component	Parcel Specific Information
County, State	Benton, Tennessee
TVA D–Stage Map Numbers	154
Stream Mile and Bank	TRM 102.5L

Parcel 269 – (7.1 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of TRM 100.5. The parcel extends between TVA markers 153–31 to 153–39. This parcel lies entirely below the 375-foot msl, and the current land use/land cover is deciduous forest, agriculture, and dewatering unit. There is a high probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. However, water use facilities will be limited to in size and nature due to the proximity of the dewatering unit.

Table 4-269. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20–SE
TVA D–Stage Map Numbers	153
Stream Mile and Bank	TRM 100.5L
Land Use/Land Cover	Deciduous forest and agricultural
Fronts Former TVA Tract (s)	XGIR–455 and XGIR–463

Location Component and Public Involvement Opportunities	Parcel Specific Information
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	Revocable license to Tennessee Wildlife Resources Agency for wildlife management

Parcel 270 – (25.8 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts of land and is located along the right descending bank of Cypress Creek at TRM 100L. The parcel extends among TVA markers 150–49 to 150–43 and TVA markers 150–42 to 150–41. It is traversed by a Railroad and adjoins Camden Dewatering Unit. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a high probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. However, water use facilities will be limited in size and nature due to the proximity of the dewatering unit, and consultation with TWRA may be required. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific programmatic and environmental review.

Table 4-270. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20–SE
TVA D–Stage Map Numbers	150 and 153
Stream Mile and Bank	TRM 100L
Land Use/Land Cover	Deciduous forest and wetlands
Fronts Former TVA Tract (s)	XGIR–452
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	Revocable license to Tennessee Wildlife Resources Agency

Parcel 271 – (87.8 acres)

RLMP Allocation: Zone 5, Industrial

This parcel is comprised of five noncontiguous tracts of land along Cypress Creek. The parcel in its entirety consists of deciduous forest. A railroad is also located adjacent to the parcel. There is a medium probability for cultural resources to be present within this parcel, and only a portion of the area has been surveyed. A site-specific environmental review will be conducted prior to any ground disturbance. Requests for use of TVA lands and associated water-based structures to support industrial purposes would be considered.

Table 4-271. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20-SE
TVA D-Stage Map Numbers	150 and 152
Stream Mile and Bank	TRM 100L
Land Use/Land Cover	Deciduous forest
Current Agreements/Commitments	Revocable license to the Benton Electric System for electric utilities

Parcel 272 – (32.3 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts of land and is located along the right descending bank of Cypress Creek. The parcel extends among TVA markers 152-39 to 150-59 and TVA markers 152-38 to 150-58. An existing railroad is fronting the parcel. This parcel lies entirely below the 375-foot msl, and the current land cover deciduous forest. There is a medium probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-272. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20-SE

Location Component and Public Involvement Opportunities	Parcel Specific Information
TVA D–Stage Map Numbers	152
Stream Mile and Bank	TRM 100L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–449 and XGIR–450
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	None

Parcel 273 – (448.4 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

The majority of this large parcel is located along both banks of Cypress Creek. This parcel features multi–age deciduous forests with high quality and diverse forested, scrub-shrub, and emergent wetlands. In the 1990s, bottomland hardwood tree species were planted on portions of this parcel. Access is available by boat to portions of this parcel with potential access from back-lying private property; therefore, public access is somewhat limited. The parcel provides beneficial habitat for several game animals, as well as a diversity of wetland wildlife species. This parcel contains a revocable license to the City of Camden for a floodway. This area receives substantial use for hunting, fishing, and wildlife observation. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-273. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20–SE and 21–NE
TVA D–Stage Map Numbers	150 and 152
Stream Mile and Bank	TRM 100L
Land Use/Land Cover	Deciduous forest and forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting, wildlife observation, and fishing
Current Agreements/Commitments	Revocable license to the City of Camden, Tennessee, for a floodway

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Wetland habitat enhancements and monitoring of previous bottomland hardwood tree plantings • Monitor dispersed recreation uses and impacts • Promote wildlife observation opportunities
Potential Partners	<ul style="list-style-type: none"> • Tennessee Wildlife Resources Agency • U.S. Fish and Wildlife Service • Ducks Unlimited

Parcel 274 – (9.2 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of a small tract of land located in Benton County, Tennessee, and contains a portion of TSR-191. The road ROW has a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-274. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20-SE
TVA D-Stage Map Numbers	152
Stream Mile and Bank	TRM 100L
Land Use/Land Cover	Deciduous forest and road ROW
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Permanent easement to Benton County, Tennessee for a roadway
Potential Projects	None identified
Potential Partners	None identified

Parcel 275 – (2.0 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of Cypress Creek and extends between TVA markers 151-47 to 151-48. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a medium probability for the presence of cultural

resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered.

Table 4-275. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20-SE
TVA D-Stage Map Numbers	152
Stream Mile and Bank	TRM 100L
Land Use/Land Cover	Deciduous forest
Fronts Former TVA Tract (s)	XGIR-442
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	None

Parcel 276 – (119.8 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This large parcel is located along the left descending bank of Cypress Creek at Reeves Branch. This parcel features multi-age deciduous forests with some forested, scrub-shrub, and emergent wetlands. This area serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. Access to the parcel is available by boat only; therefore, public use is limited. The parcel provides beneficial habitat for several game animals, as well as a diversity of wetland wildlife species. This area receives some use for hunting, fishing, and wildlife observation. No federally or state-listed species are known to occur on this parcel. There is a high probability for the presence of cultural resources, but only a portion of the area has been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-276. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20-SE
TVA D-Stage Map Numbers	150 and 152
Stream Mile and Bank	TRM 100L
Land Use/Land Cover	Deciduous forest and forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting, fishing, and wildlife observation
Current Agreements/Commitments	None identified

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Monitor dispersed recreation uses and impacts • Manage in concert with Cultural Resource protection needs
Potential Partners	None identified

Parcel 277 – (84.1 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of the Tennessee River incorporating portions of shoreline along Cypress and Beaver Dam creeks. The parcel extends between TVA markers 150-71 and 142-94. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Hallshire Estates, Merry Oaks, Holiday Hills, Davis Properties, French Riviera, Northlake, and TVA–developed Beaver Dam subdivisions are located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-277. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20–SE
TVA D–Stage Map Numbers	142 and 150
Stream Mile and Bank	TRM 99L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–10, XGIR–432, XGIR–433, XGIR–434, XGIR–435, XGIR–436, XGIR–437, and XGIR–438
Structure Profile	Varies
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 278 – (18.5 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel consists of several forested islands and shallow water areas located at the confluence of Cypress Creek and the Tennessee River. This parcel features bottomland hardwoods on the islands with some forested, scrub-shrub, and emergent wetlands. Access to the parcel is available by boat only; therefore, public use is limited. The parcel provides beneficial habitat for waterfowl, as well as a diversity of wetland wildlife species. This area receives substantial use for waterfowl hunting and fishing. There are numerous temporary duck blinds located in the area because of the proximity to the Camden Dewatering Unit and WMA. No federally listed species are known to occur on the parcel. However, the alligator snapping turtle, state-listed as in need of management, has been previously identified on one of the islands. There is a high probability for the presence of cultural resources, but only a portion of the area has been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-278. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20–SE
TVA D–Stage Map Numbers	150
Stream Mile and Bank	TRMs 99 to 100L
Land Use/Land Cover	Bottomland hardwoods and forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting, fishing, wildlife observation
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Assess duck blinds for TVA Policy adherence • Survey islands for nesting wading/water bird use • Assess islands for shoreline stabilization needs
Potential Partners	None identified

Parcel 279 – (2.3 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the right descending bank of Beaverdam Creek. The back-lying property is former TVA property (XTGIR-13) transferred to the State of Tennessee for public recreation. TWRA maintains a boat-launching ramp and parking area on this parcel. There is a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-279. Parcel Information

Location Component	Parcel Specific Information
County, State	Benton, Tennessee
TVA D–Stage Map Numbers	142
Stream Mile and Bank	TRM 98.7L

Parcel 280 – (214.0 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This large parcel consists of two distinct tracts of land located along the upper end of Beaverdam Creek and south of Cedar Hollow. This parcel features upland and bottomland hardwoods and forested, scrub-shrub, and emergent wetlands along the shoreline fringe. In addition, this parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. Access is available by boat and a public road that intersects this parcel. This area does receive public use by hunters for small and large game species. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources, but only a portion of the area has been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-280. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20–SE
TVA D–Stage Map Numbers	142
Stream Mile and Bank	TRM 98.7L

Location Component and Public Involvement Opportunities	Parcel Specific Information
Land Use/Land Cover	Bottomland and upland hardwoods and forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Refresh the existing paint denoting TVA’s property boundaries • Wetlands protection and management • Conduct additional cultural resource surveys
Potential Partners	None identified

Parcel 281 – (5.0 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of a small tract of land located in Benton County, Tennessee, and contains a portion of TSR-191. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-281. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20–SE
TVA D–Stage Map Numbers	142
Stream Mile and Bank	Beaver Dam Creek mile 2.5B
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Permanent easement to Benton County, Tennessee for a roadway
Potential Projects	None identified
Potential Partners	None identified

Parcel 282 – (7.5 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of Beaver Dam Creek. The parcel extends between TVA markers 142–88 to 142–89. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. Potential

impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-282. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20-SE
TVA D-Stage Map Numbers	142
Stream Mile and Bank	TRM 98.7L
Land Use/Land Cover	Deciduous forest
Fronts Former TVA Tract (s)	XGIR-708
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	None

Parcel 283 – (8.9 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along the left descending bank of Beaverdam Creek. This parcel features deciduous trees and forested wetlands and is surrounded by TVA lands allocated for Shoreline Access. In addition, this parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. Access to the parcel is available by boat. Public use is limited by the small parcel size and proximity to development. The parcel provides some wildlife habitat. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-283. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20-SE
TVA D-Stage Map Numbers	142
Stream Mile and Bank	TRM 98.7L
Land Use/Land Cover	Deciduous forest and forested and emergent wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Refresh the existing paint denoting TVA's property boundaries
Potential Partners	None identified

Parcel 284 – (23.4 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of three noncontiguous tracts and is located along the left descending bank of Beaver Dam Creek. This parcel lies entirely below the 375-foot msl, and the current land use is maintained lawns. There is a medium probability for the presence of cultural resources.

Beaver Dam Lodge Cabin Sites, Camelot Subdivision and Williams Subdivision are located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-284. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20-SE
TVA D-Stage Map Numbers	142
Stream Mile and Bank	TRM 98.7L
Land Use/Land Cover	Maintained lawns
Fronts Former TVA Tract (s)	XGIR-427, XGIR-428, and XGIR-429
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 285 – (0.8 acre)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of Beaver Dam Creek. The back-lying property is former TVA property (XTGIR-14) transferred to the State of Tennessee for public recreation. TWRA maintains a boat-launching ramp and parking lot on this parcel. There is a low probability for the presence of cultural resources. Requests for use of TVA lands and

associated water-based structures to support developed recreation purposes would be considered.

Table 4-285. Parcel Information

Location Component	Parcel Specific Information
County, State	Benton, Tennessee
TVA D–Stage Map Numbers	142
Stream Mile and Bank	TRM 98.7L

Parcel 286 – (2.2 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located off Lodge Road and along Beaver Dam Creek. The area is under a revocable license to Beaver Dam Resort for commercial recreation. Resort facilities include a marina, boat-launching ramp, picnic pavilion, campground, and restaurant. There is a low probability for the presence of cultural resources, but the parcel has not been surveyed. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-286. Parcel Information

Location Component	Parcel Specific Information
County, State	Benton, Tennessee
TVA D–Stage Map Numbers	142
Stream Mile and Bank	TRM 98.7L

Parcel 287 – (24.9 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along the left descending bank of Beaverdam Creek. This parcel features deciduous trees and forested wetlands and is surrounded by TVA lands allocated for Shoreline Access. In addition, this parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. Access to the parcel is available by boat. Public use is limited by the small parcel size and proximity to development. The parcel provides some wildlife habitat. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources. No existing

shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-287. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20–SE
TVA D–Stage Map Numbers	142
Stream Mile and Bank	TRM 98.7L
Land Use/Land Cover	Deciduous forest and forested and emergent wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Refresh the existing paint denoting TVA’s property boundaries
Potential Partners	None identified

Parcel 288 – (87.3 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts of land and is located along the left descending bank of TRM 98. The two tracts extend among TVA marker 142–81 to Parcel 279 and Parcel 279 to Parcel 290. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Schular Acres, Lakeview, Eva Harbor, and TVA–developed Eva subdivisions are located on the back-lying private property. It is traversed by Arnold Branch Road at Arnold Branch. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-288. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20–SE
TVA D–Stage Map Numbers	142 and 143
Stream Mile and Bank	TRM 98L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–423, XGIR–424, XGIR–425, XGIR–426, XGIR–606, and XGIR–784
Structure Profile	Varies
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Easement to Benton County for road/highway

Parcel 289 – (17.0 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel consists of remnants of old railroad beds stretching from Beaver Dam Creek to TRM 96.6. This parcel features forested, scrub-shrub, and emergent wetlands. In addition, this parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions along the old railroad bed.

Road access is available at the upstream end of the old railroad bed with boat access only to the island portions of the parcel. This area does receive public use by waterfowl hunters. Historical uses of some of the islands include old railroad beds and utilization by nesting wading birds including little blue herons in the 1980s. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-289. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20–SE and 30–SW
TVA D–Stage Map Numbers	141, 143, and 150
Stream Mile and Bank	TRMs 96.6 to 98.5L
Land Use/Land Cover	Forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Waterfowl hunting and wildlife observation
Current Agreements/Commitments	None identified

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Wetland protection and management • Survey islands for nesting wading/water bird use • Conduct dispersed recreation inventory
Potential Partners	Tennessee Wildlife Resources Agency

Parcel 290 – (48.7 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located near the Eva community. A recreation easement (XTGIR-131RE) granted to the State of Tennessee covers the southern part of the parcel, and this area is managed as part of Nathan Bedford Forrest State Park. Facilities in this portion of the state park include a fishing pier, swimming beach, picnic area, and campground. On the northern portion of the parcel, the back-lying property is former TVA property (XTGIR-104) transferred to the State of Tennessee for public recreation. TWRA maintains a boat-launching ramp and parking lot on this portion of the parcel. The undeveloped areas have a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-290. Parcel Information

Location Component	Parcel Specific Information
County, State	Benton, Tennessee
TVA D–Stage Map Numbers	141 and 143
Stream Mile and Bank	TRM 98L

Parcel 291 – (0.9 acre)

RLMP Allocation: Zone 4, Natural Resource Conservation

This extremely small parcel consists of two sets of low riparian zone islands located downstream of Johnsonville Fossil Plant. This parcel features forested, scrub-shrub, and emergent wetlands. Access to the parcel is by boat only; therefore, public use is limited. Islands may receive use by nesting wading/water birds and utilized by waterfowl hunters. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-291. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Humphreys, Tennessee
Topographic Map (Sheet No. and Quadrant)	30-SW
TVA D-Stage Map Numbers	143A
Stream Mile and Bank	TRM 97.8R
Land Use/Land Cover	Forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Waterfowl hunting and wildlife observation
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Wetland Protection and Management • Survey islands for nesting wading/water bird use • Conduct dispersed recreation inventory • Assess stabilization needs with respect to cultural resources protection
Potential Partners	Tennessee Wildlife Resources Agency

Parcel 292 – (0.3 acre)

RLMP Allocation: Zone 3, Sensitive Resource Management

This small parcel consists of a submersed low riparian zone island located northwest of Johnsonville Fossil Plant. Access to the parcel is by boat only; therefore, public use is limited. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-292. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	30-SW
TVA D-Stage Map Numbers	141
Stream Mile and Bank	TRM 97.3L
Land Use/Land Cover	Forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Waterfowl hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Conduct cultural resources survey and assess for potential stabilization needs
Potential Partners	None identified

Parcel 293 – (42.7 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located south of Pilot Knob Road and features deciduous forest and wetlands. In addition, this parcel serves as a visual buffer from nearby shoreline development while providing numerous riparian habitat functions. Access to the parcel is by public road and boat. A small portion of this parcel is under a linear revocable license to support electric utilities and telephone service. No federally or state-listed species are known to occur on this parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-293. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–SW
TVA D–Stage Map Numbers	141
Stream Mile and Bank	TRM 97.3L
Land Use/Land Cover	Forested wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to Southern Bell Telephone Company for telephone lines • Revocable license to Benton County, Tennessee Board of Public Utilities for electric utilities
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Refresh the existing paint denoting TVA’s property boundaries
Potential Partners	None identified

Parcel 294 – (7.8 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is currently undeveloped. However, it is suitable for potential public or commercial recreation development. There is a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water–based structures to support developed recreation purposes would be considered.

Table 4-294. Parcel Information

Location Component	Parcel Specific Information
County, State	Benton, Tennessee
TVA D–Stage Map Numbers	141
Stream Mile and Bank	TRM 97.5L

Parcel 295 – (38.5 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of three noncontiguous tracts located along the left descending bank of TRM 96.5. The current land use is deciduous forest, wetlands, and a few maintained lawns. There is a medium probability for the presence of cultural resources. The parcel is traversed by Benton CR-191. Water use facilities have been permitted along a portion of the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-295. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–SW
TVA D–Stage Map Numbers	141
Stream Mile and Bank	TRM 96.5L
Land Use/Land Cover	Deciduous forest, wetlands, and maintained lawns
Fronts Former TVA Tract (s)	XGIR–420, XGIR–421, and XGIR–422, XGIR–615
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to Benton County Board of Public Utilities for electric utilities • Revocable license to Southern Bell Telephone Company for telephone lines • Permanent easement to Benton County, Tennessee for a road/highway

Parcel 296 – (70.4 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located adjacent to former TVA property (XTGIR-111) that was transferred to the State of Tennessee for the establishment of Nathan Bedford Forest State Park. Facilities within

this portion of the park include rental cabins, campground, boat-launching ramp, museum and trails. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-296. Parcel Information

Location Component	Parcel Specific Information
County, State	Benton, Tennessee
TVA D–Stage Map Numbers	138 and 141
Stream Mile and Bank	TRM 96L

Parcel 297 – (97.0 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of TRM 93. The parcel extends between TVA markers 137–43 to 136–30. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a medium probability for the presence of cultural resources. One water use facility has been constructed along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-297. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–NW and 30–SW
TVA D–Stage Map Numbers	137 and 138
Stream Mile and Bank	TRM 93L
Land Use/Land Cover	Deciduous forest
Fronts Former TVA Tract (s)	A portion of XGIR–412, XGIR–413, XGIR–414, XGIR–415, XGIR–416, XGIR–417, XGIR–418, and XGIR–419
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Approved water use facility

Parcel 298 – (331.6 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel consists of a large land tract and small islands located at the entrance of Harmon Creek. This parcel, known as the TWRA Harmon Creek WMA, features agricultural lands managed for wildlife benefits; upland and bottomland forests; and high quality forested, scrub-shrub, and emergent wetlands. Access to the Harmon Creek WMA is by public road and by boat. There is an informal boat-launching ramp located on the parcel. The parcel receives substantial use by the public for hunting, fishing, and wildlife observation opportunities following WMA rules and regulations. There is a term license for agriculture share cropping as part of the Harmon Creek WMA programs. No federally or state-listed species are known to occur on the parcel. There is a historical record for a bald eagle nest on private property west of this parcel. There is a high probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-298. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–NW
TVA D–Stage Map Numbers	132, 136, and 137
Stream Mile and Bank	TRM 88L
Land Use/Land Cover	Forested wetlands, scrub-shrub and emergent wetlands, upland and bottomland forests, and agricultural fields managed for wildlife benefits
Known Dispersed Recreation Opportunities	Small and big game hunting, fishing, waterfowl hunting, and wildlife observation
Current Agreements/Commitments	Revocable license to Tennessee Wildlife Resources Agency for a wildlife management area
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Refresh the existing paint denoting TVA’s property boundaries • Monitor dispersed recreation uses and impacts • Wetlands protection and enhancement • Expand wildlife observation opportunities
Potential Partners	Tennessee Wildlife Resources Agency

Parcel 299 – (122.4 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This parcel consists of several islands located between TRMs 80.8 and 90.1. Portions of the islands, within the TWRA Harmon Creek WMA, are under sharecropping agricultural agreements for wildlife management purposes; and other islands are forested wetlands with no agricultural use. This parcel features high quality forested, scrub-shrub, and emergent wetlands. Access to this parcel is by boat only; therefore, public use is somewhat limited. This area receives substantial use for hunting, fishing, and wildlife observation. All dispersed recreation on the parcel must comply with Harmon Creek WMA rules and regulations. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-299. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–NW
TVA D–Stage Map Numbers	132, 136, and 137
Stream Mile and Bank	TRMs 80.8 and 90.1B
Land Use/Land Cover	Forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting, fishing, wildlife observation
Current Agreements/Commitments	Revocable license to Tennessee Wildlife Resources Agency for a wildlife management area
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Refresh the existing paint denoting TVA’s property boundaries • Monitor dispersed recreation uses and impacts • Wetlands protection and enhancement • Expand wildlife observation opportunities • Assess islands for nesting wading/water birds
Potential Partners	Tennessee Wildlife Resources Agency

Parcel 300 – (12.0 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of Harmon Creek. The parcel extends between TVA markers 136–60 to 136–69. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a low probability for the presence of cultural resources, but the parcel has not been surveyed. One water use facility has been constructed along the shoreline, and future requests for private water use facilities would be considered. A bald eagle nesting record occurs within 660 feet of this parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-300. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–NW
TVA D–Stage Map Numbers	136
Stream Mile and Bank	TRM 88.5L
Land Use/Land Cover	Deciduous forest and maintained lawn
Fronts Former TVA Tract (s)	XGIR–409 and XGIR–410
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to Benton County, Tennessee, Board of Public Utilities for electric utilities • Permanent easement to Benton County, Tennessee, for road/highway

Parcel 301 – (2,617.3 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is a large tract of land located along the left descending bank of the Tennessee River extending between river miles 85.5 and 88.5. TVA’s Harmon Creek management unit is found on this parcel. This parcel features upland and bottomland hardwood forests; mixed pine; planted loblolly pine; approximately 350 acres of native warm season grasses, legumes, and native wildflowers; and high quality forested, scrub-shrub, and fringe emergent wetlands. Access to the parcel is by improved forest roads and by boat. This area receives substantial use by the public for hunting, bank fishing, wildlife observation, camping, and other day use activities. In addition to the agreements listed in the table below, a section of the parcel, south of

Sulphur Creek, was used in the 1980s for U.S. Army field exercises. No federally or state-listed species are known to occur on the parcel. However, there are two bald eagle nesting records on the parcel, one of which is active. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-301. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–NW
TVA D–Stage Map Numbers	129
Stream Mile and Bank	TRMs 85.5 to 88.5L
Land Use/Land Cover	Forested, scrub-shrub, and emergent wetlands; upland and bottomland forests; native warm season grass/legume fields; wildflowers; and mixed pine and loblolly pine plantations
Known Dispersed Recreation Opportunities	Hunting, bank fishing, wildlife observation, camping, and picnicking
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to Benton County, Tennessee, Board of Public Utilities for electric utilities • Revocable license for landscaping to private individual
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint and signage denoting TVA’s property boundaries • Monitor dispersed recreation uses and impacts • Wetlands protection and enhancement • Continued implementation of Harmon Creek Unit Plan goals and objectives, which includes several forest management actions to improve wildlife habitat
Potential Partners	Tennessee Wildlife Resources Agency

Parcel 302 – (31.5 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of Harmon Creek. The eastern portion of the parcel is under a revocable license to TWRA for public recreation and a boat-launching ramp and parking lot are maintained. The western section of the parcel is under a revocable license to Harmon Creek Resort for commercial recreation. This commercial recreation area includes a campground, boat-launching ramp, parking lot, and a shop selling bait and tackle. This parcel has a medium probability for the presence of cultural resources in undeveloped area, but has not been surveyed. The parcel completely surrounds a known cemetery.

Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-302. Parcel Information

Location Component	Parcel Specific Information
County, State	Benton, Tennessee
TVA D–Stage Map Numbers	132 and 136
Stream Mile and Bank	TRM 88.5L

Parcel 303 – (64.2 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of TRM 84.5. The parcel extends between TVA markers 127–27 to 131–52. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. Water use facilities have been permitted along a portion of the right descending bank of Little Crooked Creek, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-303. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–NW
TVA D–Stage Map Numbers	127 and 131
Stream Mile and Bank	TRM 84.5L
Land Use/Land Cover	Deciduous forest
Fronts Former TVA Tract (s)	XGIR–406, XGIR–407, and XGIR–408
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to Benton County, Tennessee, Board of Public Utilities for electric utilities

Parcel 304 – (10.0 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located on both banks of Little Crooked Creek, a tributary to the Tennessee River. This parcel features deciduous forest, and high quality forested, scrub-shrub, and fringe

emergent wetlands. Access to the parcel is by boat and via Point Mason and Smith roads. This area is used for bank fishing and access to Kentucky Reservoir. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-304. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–NW
TVA D-Stage Map Numbers	127
Stream Mile and Bank	TRM 83.6L
Land Use/Land Cover	Forested, scrub-shrub, and emergent wetlands, and deciduous forest
Known Dispersed Recreation Opportunities	Bank fishing
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Refresh the existing paint denoting TVA's property boundaries • Monitor dispersed recreation uses and impacts • Wetlands protection and enhancement
Potential Partners	Tennessee Wildlife Resources Agency

Parcel 305 – (21.0 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is under two revocable licenses to the State of Tennessee for recreation access. The back-lying property is former TVA property (XTGIR-12) that was transferred to the State of Tennessee for public recreation. TWRA maintains a boat-launching ramp and parking lot on the parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-305. Parcel Information

Location Component	Parcel Specific Information
County, State	Benton, Tennessee
TVA D-Stage Map Numbers	127
Stream Mile and Bank	TRM 83.8L

Parcel 306 – (26.9 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of TRM 83. The parcel extends between TVA markers 126–51 to 127–26. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources, but the parcel has not been surveyed. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-306. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	30–NW
TVA D–Stage Map Numbers	126 and 127
Stream Mile and Bank	TRM 83L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	A portion of XGIR–404 and XGIR–405
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 307 – (0.7 acre)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel consists of an island located near the confluence of Raft Hollow Creek and the Tennessee River. This parcel is mainly inundated with water and features scrub-shrub, emergent wetlands, and aquatic beds with vascular rooted plants. Access to the parcel is by boat only and most of the island has eroded away; therefore, public use is limited. This area is used for fishing from a boat. No federally or state-listed species are known to occur on the parcel. There is an extant record for a federally listed mussel located approximately 0.5–mile downstream. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-307. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	30-NW
TVA D-Stage Map Numbers	127
Stream Mile and Bank	TRM 82.6L
Land Use/Land Cover	Scrub-shrub and emergent wetlands, and aquatic beds with rooted vascular plants
Known Dispersed Recreation Opportunities	Boat fishing
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 308 – (7.9 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel is a designated safety harbor for commercial barges and recreational boats during adverse weather conditions or equipment malfunction. There is a low probability for the presence of cultural resources, but the area has not been surveyed. Future development of this parcel will be restricted and requests for private water use facilities would not be considered.

Table 4-308. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	30-NW
TVA D-Stage Map Numbers	126D
Stream Mile and Bank	TRM 82.4L
Land Use/Land Cover	Deciduous forest
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 309 – (25.4 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of TRM 82. The parcel extends between TVA markers 126–42 to 126–48. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a medium probability for the presence of cultural resources. A bald eagle nesting record exists within 660 feet of this parcel. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-309. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	29–SW and 30–NW
TVA D–Stage Map Numbers	126
Stream Mile and Bank	TRM 82L
Land Use/Land Cover	Deciduous forest
Fronts Former TVA Tract (s)	XGIR–403 and a portion of XGIR–404
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	None

Parcel 310 – (8.9 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This parcel consists of several forested islands that begin north of Raft Hollow Creek and extend to Bass Bay. This parcel features upland and bottomland forested areas; high quality forested, scrub-shrub, emergent wetlands; and aquatic beds with rooted vascular plants. Access to the parcel is by boat only; therefore, public use is limited. These islands receive some use by waterfowl hunters. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-310. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	121 and 126
Stream Mile and Bank	TRMs 79.8 to 81.8L
Land Use/Land Cover	Forested, scrub-shrub, and emergent wetlands and aquatic beds with rooted vascular plants
Known Dispersed Recreation Opportunities	Waterfowl hunting and wildlife observation
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Wetlands protection and enhancement • Survey area for nesting wading/water bird use • Determine level of impacts on island vegetation from nesting double-crested cormorants
Potential Partners	<ul style="list-style-type: none"> • U.S. Department of Agriculture Wildlife Services • U.S. Fish and Wildlife Services • Tennessee Wildlife Resources Agency

Parcel 311 – (475.6 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel occupies the upper end of Bass Bay and follows the shoreline south extending toward Raft Hollow Creek. This parcel features upland and bottomland forested areas and high quality forested, scrub-shrub, and emergent wetlands. Access to the parcel is by boat and by public road to Wynn Cemetery. This parcel receives use by small and large game hunters as well as by waterfowl hunters. This area is also used for wildlife observation. Historically, embankment plantings were established on portions of this parcel to protect relocated roadway embankments from erosion. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-311. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	121 and 126

Location Component and Public Involvement Opportunities	Parcel Specific Information
Stream Mile and Bank	TRMs 80.1 to 81.8L
Land Use/Land Cover	Upland deciduous hardwoods, historic hardwood tree plantings, and forested, scrub-shrub and emergent wetlands
Known Dispersed Recreation Opportunities	Waterfowl hunting, hunting, and wildlife observation
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Wetlands protection and enhancement • Dispersed recreation inventory
Potential Partners	None identified

Parcel 312 – (3.8 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts of land located along the left descending bank of Crooked Creek. The parcel extends among TVA markers 121–40 to 121–38 and TVA markers 126–40 to 126–52. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a high probability for the presence of cultural resources, but the parcel has not been surveyed. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-312. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	29–SW
TVA D–Stage Map Numbers	121 and 126
Stream Mile and Bank	TRM 81.8L
Land Use/Land Cover	Deciduous forest
Fronts Former TVA Tract (s)	XGIR–401
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	None

Parcel 313 – (69.9 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This parcel occupies the northern side of Bass Bay and surrounds Crooked Creek Cemetery. This parcel is known as Crooked Creek Cemetery HPA. The area has the natural area designation due to a stand of large hardwoods, predominately white oaks, which are greater than 110 years old and surround the Crooked Creek Cemetery. The landscape features a saw back ridge and a glade-like ravine with several wet seeps. Due to several tornados, several of the white oaks have been blown down; however, but this area could be used as a future restoration project. In addition, a biological inventory could be completed to identify any sensitive species present in the glade like ravine or seeps.

Access to the parcel is by boat and by public road, and an easement exists for the cemetery. Some informal camping occurs along the shoreline. Historical use of the parcel includes a railroad through the western edge of the parcel. The railroad is no longer used, and the track has been removed. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-313. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	121
Stream Mile and Bank	TRMs 80 to 80.4L
Land Use/Land Cover	Deciduous upland forest
Known Dispersed Recreation Opportunities	Wildlife and scenic observation and informal camping along shoreline
Current Agreements/Commitments	Easement for Crooked Creek Cemetery
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Restoration project potential pending funds and partners • Complete a biological inventory • Implement natural areas management plan
Potential Partners	None identified

Parcel 314 – (53.3 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel consists of two distinct tracts of land along the left descending bank of Crooked Creek. This parcel features bottomland forested areas and high quality forested, scrub-shrub, and fringe emergent wetlands. Access is by boat and a public road that bisects a portion of this parcel. This parcel receives use by small and large game hunters as well as by waterfowl hunters. This area is also used for wildlife observation. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-314. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	29–SW
TVA D–Stage Map Numbers	121
Stream Mile and Bank	TRMs 79.5 to 80L
Land Use/Land Cover	Upland and bottomland hardwoods and forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Waterfowl hunting, hunting for small and large game, and wildlife observation
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Wetlands protection and enhancement
Potential Partners	None identified

Parcel 315 – (11.0 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of Crooked Creek and is under a revocable license to Randy’s Camp Resort for commercial recreation. However, there are no water–based facilities currently present. There is a medium probability for the presence of cultural resources, but only a portion of the area has been surveyed. Requests for use of TVA

lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-315. Parcel Information

Location Component	Parcel Specific Information
County, State	Benton, Tennessee
TVA D-Stage Map Numbers	121
Stream Mile and Bank	TRM 79.5L

Parcel 316 – (11.4 acres)

RLMP Allocation: Zone7, Shoreline Access

This parcel consists of three noncontiguous tracts of land and is located along the left descending bank of TRMs 79 and 79.5. The two tracts extend among TVA markers 121-55 to 121-51 and 121-43 to 121-44. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a medium probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-316. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	121
Stream Mile and Bank	TRMs 79L and 79.5L
Land Use/Land Cover	Deciduous forest
Fronts Former TVA Tract (s)	A portion of XGIR-396, XGIR-398, XGIR-399
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	Revocable license to Benton County, Tennessee, Board of Public Utilities for electric utilities

Parcel 317 – (8.0 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of Crooked Creek and is under a revocable license to Bass Bay Village and Marina for commercial recreation. Amenities available on this parcel include a boat-launching ramp, marina, and cabins. There is a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-317. Parcel Information

Location Component	Parcel Specific Information
County, State	Benton, Tennessee
TVA D–Stage Map Numbers	121
Stream Mile and Bank	TRM 79.5L

Parcel 318 – (185.4 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel consists of a three tracts of land: a large tract of land, a small tract of land and an island. This parcel features upland hardwoods, with some pine stands on ridge tops, and forested, scrub-shrub, and fringe emergent wetlands along shoreline areas. Access is by boat and a public road located along the southern portion of the parcel. This parcel receives use for small and large game hunting and wildlife observation. No federally or state-listed species are known to occur on this parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-318. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	29–SW
TVA D–Stage Map Numbers	121
Stream Mile and Bank	TRMs 79 to 79.9L
Land Use/Land Cover	Upland hardwoods, pine stands, and forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Small and large game hunting and wildlife observation
Current Agreements/Commitments	None identified

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Vegetation harvests to enhance wildlife habitat • Dispersed recreation inventory on small island and main parcel
Potential Partners	None identified

Parcel 319 – (11.6 acres)

RLMP Allocation: Zone 6, Developed Recreation

A portion of this parcel is under a revocable license to the State of Tennessee for recreation access. The back-lying property is former TVA property (XTGIR-11) that was transferred to the State of Tennessee for public recreation. TWRA maintains a boat-launching ramp and parking area on the parcel that can be access via Danville Road. The undeveloped portion has a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-319. Parcel Information

Location Component	Parcel Specific Information
County, State	Benton, Tennessee
TVA D-Stage Map Numbers	118
Stream Mile and Bank	TRM 78.1L

Parcel 320 – (10.8 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of TRM 78.1. The parcel extends between TVA markers 118-37 to 118-39. This parcel lies entirely below the 375-foot msl, and the current land use deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-320. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	118
Stream Mile and Bank	TRM 78.1L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-395
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 321 – (2.9 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along the left descending bank of the Tennessee River and north of French Hollow. This parcel features upland and bottomland hardwoods and forested, scrub-shrub, and fringe emergent wetlands. Access to the parcel is by boat and a nearby public road. Due to the small size and nearby residential development, public use is limited. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. No federally or state-listed species are known to occur on this parcel. There is a low probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-321. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	118
Stream Mile and Bank	TRM 78.1L
Land Use/Land Cover	Upland and bottomland hardwoods and forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 322 – (11.9 acres)*RLMP Allocation: Zone 7, Shoreline Access*

This parcel is located along the left descending bank of TRM 78. The parcel extends between TVA markers 118–10 to 118–36. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium to high probability for the presence of cultural resources. Stump Water Camp Subdivision is located on a portion of the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-322. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	29–SW
TVA D–Stage Map Numbers	118
Stream Mile and Bank	TRM 78L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–393 and XGIR–394
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 323 – (25.5 acres)*RLMP Allocation: Zone 3, Sensitive Resource Management*

This small parcel is located along the left descending bank of the Tennessee River near Garner Hollow. This parcel features upland and bottomland forested areas, with two planted loblolly pine stands, and high quality forested, scrub-shrub, and emergent wetlands. Access to the parcel is by boat only; therefore, public use is limited. Small and large game hunting occurs over portions of the parcel, and waterfowl hunting occurs along the shoreline wetland areas. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-323. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	118
Stream Mile and Bank	TRM 77.8L
Land Use/Land Cover	planted loblolly pine stands and forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Waterfowl, small, and large game hunting and wildlife observation
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Wetlands protection and enhancement • Timber cruise and habitat assessment for future management of planted loblolly pine stands • Conduct thin or regeneration harvests in planted loblolly stands • Manage pine stands for Indiana bat habitat
Potential Partners	None known

Parcel 324 – (12.5 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This small parcel consists of a low-forested island located south of Lick Creek and north of the old Danville Bridge. This parcel features bottomland forested areas and high quality forested, scrub-shrub, fringe emergent wetlands that serve as riparian habitats. Access to the parcel is by boat only; therefore, public use is limited. This island receives some use by waterfowl hunters and for wildlife observation. The island vegetation has degraded from high-density double-crested cormorant nesting activities and use by other nesting wading birds. No federally or state-listed species are known to occur on this parcel. There is a high probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-324. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee

Location Component and Public Involvement Opportunities	Parcel Specific Information
Topographic Map (Sheet No. and Quadrant)	29–SW
TVA D–Stage Map Numbers	118
Stream Mile and Bank	TRMs 77 to 77.3L
Land Use/Land Cover	Forested, scrub-shrub, and emergent wetlands, and bottomland forest
Known Dispersed Recreation Opportunities	Waterfowl hunting and wildlife observation
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Wetland protection • Survey for nesting wading/water bird use • Determine level of impacts on island vegetation from nesting double–crested cormorants
Potential Partners	<ul style="list-style-type: none"> • U.S. Department of Agriculture Wildlife Services • U.S. Fish and Wildlife Service • Tennessee Wildlife Resources Agency

Parcel 325 – (60.2 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of Lick Creek and left descending bank of TRM 76. The parcel extends between TVA markers 117–96 to 118–15. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Snow’s Lick Creek Subdivision is located on a portion of the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-325. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–SE and 29–SW
TVA D–Stage Map Numbers	116, 117, and 118
Stream Mile and Bank	TRM 76L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–389, XGIR–390, XGIR–391, and XGIR–392
Structure Profile	Elevation 381–foot msl

Location Component and Public Involvement Opportunities	Parcel Specific Information
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to Benton County, Tennessee, Board of Public Utilities for electric utilities

Parcel 326 – (23.5 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the right descending bank of Lick Creek, and a portion of the parcel is under a permanent easement to the State of Tennessee for recreation access. The back-lying property is former TVA property (XTGIR-10) that was transferred to the State of Tennessee for public recreation. TWRA maintains a boat-launching ramp and parking area on the parcel. The undeveloped areas have a moderate to high probability for the presence of cultural resources.

Table 4-326. Parcel Information

Location Component	Parcel Specific Information
County, State	Benton, Tennessee
TVA D–Stage Map Numbers	117
Stream Mile and Bank	TRM 75L

Parcel 327 – (23.2 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This parcel consists of two islands and two tracts of land located along both banks of Lick Creek. The TWRA Lick Creek WMA is located in this area. This parcel features upland and bottomland forested areas; mixed pine stands; and high quality forested, scrub-shrub, fringe emergent wetlands. Access to the parcel is by boat and two public roads located along the west and northwest portion of the parcel. Some public use of this parcel, specifically waterfowl hunting, is regulated with the WMA’s rules and regulations. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources. Historically, there have been facilities on this parcel that could be permissible under TVA’s policies unless they are determined to be violations. However, requests for new water use facilities would not be considered.

Table 4-327. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-SE
TVA D-Stage Map Numbers	117
Stream Mile and Bank	TRM 75.4L
Land Use/Land Cover	Historic hardwood tree plantings; forested, scrub-shrub, and emergent wetlands; and upland and bottomland forest
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to Tennessee Wildlife Resources Agency for a wildlife management area • Revocable license to Benton County, Tennessee Board of Public Utilities for electric utilities
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	Tennessee Wildlife Resources Agency

Parcel 328 – (16.3 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of Lick Creek. The parcel extends between TVA markers 117-94 to 117-95. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a medium probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific programmatic and environmental review.

Table 4-328. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-SE
TVA D-Stage Map Numbers	117
Stream Mile and Bank	TRM 75.4L
Land Use/Land Cover	Deciduous forest and historic hardwood tree plantings
Fronts Former TVA Tract (s)	XGIR-388
Structure Profile	Elevation 381-foot msl

Location Component and Public Involvement Opportunities	Parcel Specific Information
Current Agreements/Commitments	Revocable license to Tennessee Wildlife Resources Agency for a wildlife management area

Parcel 329 – (48.8 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along the upper end of the Lick Creek embayment and is considered part of the TWRA Lick Creek WMA. This parcel features a mixture of bottomland–forested, agricultural lands, and wetlands. This parcel receives substantial hunting and wildlife observation. Access to the parcel is by boat and Chapel Hill Road. Some public use of this parcel, specifically waterfowl hunting, is regulated with the WMA’s rules and regulations. No federally or state-listed species are known to occur on this parcel. There is a high probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-329. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–SE
TVA D–Stage Map Numbers	117
Stream Mile and Bank	TRM 75.4L
Land Use/Land Cover	Forested, scrub-shrub, and emergent wetlands; bottomland forest; and agricultural fields
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	Revocable license to Tennessee Wildlife Resources Agency for a wildlife management area
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Wetland–bottomland hardwood management to create habitat diversity
Potential Partners	Tennessee Wildlife Resources Agency

Parcel 330 – (52.4 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of three noncontiguous tracts of land along both descending banks of Lick Creek. The three tracts extend among TVA markers 117–81 to 117–86; 117–87 to 117–90; and 117–92 to 117–93. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a high probability for the presence of cultural resources. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific programmatic and environmental review.

Table 4-330. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–SE
TVA D–Stage Map Numbers	117
Stream Mile and Bank	TRM 75.4L
Land Use/Land Cover	Deciduous forest, maintained lawns, and historic hardwood tree plantings
Fronts Former TVA Tract (s)	XGIR–381, XGIR–382, XGIR–383, XGIR–384, XGIR–385, XGIR–386, and XGIR–387
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to Tennessee Wildlife Resources Agency for a wildlife management area • Revocable license to Benton County, Tennessee, Board of Public Utilities for electric utilities • Revocable license to Southern Bell Telephone for telephone lines

Parcel 331 – (4.4 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of Lick Creek, and a portion of the parcel is under a permanent easement to the State of Tennessee for recreation access. The back-lying property is former TVA property (XTGIR-9) that was transferred to the State of Tennessee for public recreation. TWRA maintains a boat-launching ramp and parking area on the parcel. There is a high probability for the presence of cultural resources. Requests for use of TVA lands

and associated water-based structures to support developed recreation purposes would be considered.

Table 4-331. Parcel Information

Location Component	Parcel Specific Information
County, State	Benton, Tennessee
TVA D–Stage Map Numbers	117
Stream Mile and Bank	TRM 75.3L

Parcel 332 – (203.1 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along the left descending bank of Lick Creek and is adjacent to the TWRA Lick Creek WMA. This parcel features upland hardwoods, interspersed loblolly pine plantations, fringe emergent wetlands, and former open lands. Access to the parcel is by boat and some limited public road access. Large, small game, and waterfowl hunting and wildlife observation occur on the parcel. Some public use of this parcel, specifically waterfowl hunting, is regulated with the WMA’s rules and regulations. No federally or state-listed as listed endangered, threatened or special status species are known to occur on the parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-332. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–SE
TVA D–Stage Map Numbers	115 and 117
Stream Mile and Bank	TRMs 75.2 to 75.5L
Land Use/Land Cover	Fringe emergent wetland, upland hardwoods, loblolly pine plantations, and open land managed for wildlife
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Manage planted pine stands for habitat diversity and/or Indiana Bat habitat
Potential Partners	Tennessee Wildlife Resources Agency

Parcel 333 – (40.1 acres)*RLMP Allocation: Zone 7, Shoreline Access*

This parcel consists of two noncontiguous tracts of land located along the left descending bank of TRM 75. The parcel extends among TVA markers 115–46 to 115–47 and 115–11A to Parcel 332. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-333. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–SE and 29–SW
TVA D–Stage Map Numbers	115
Stream Mile and Bank	TRM 75L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–378 and XGIR–379
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 334 – (3.3 acres)*RLMP Allocation: Zone 4, Natural Resource Conservation*

This small parcel is located along the left descending bank of Lick Creek and adjacent to residential development. This parcel features bottomland forest with some fringe emergent wetlands that serve as riparian habitats along the shoreline. Access to the parcel is by boat and Hickory Hollow Cove Road. This parcel receives limited public use and serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. No federally or state-listed species are known to occur on the parcel. There is a low probability for the presence of cultural resources on this parcel, but it has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-334. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	115
Stream Mile and Bank	TRM 75.1L
Land Use/Land Cover	Fringe emergent wetlands and bottomland forest
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 335 – (1.7 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This small parcel consists of several islands located between TRMs 74.1 and 75.6. This parcel features bottomland forested areas and high quality, forested, scrub-shrub, and fringe emergent wetlands. This parcel receives substantial use by waterfowl hunters, and there are several temporary waterfowl hunting blinds in the vicinity. High-density double-crested cormorant and colonial wading bird nesting activities occur on the islands. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-335. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	29-SW
TVA D-Stage Map Numbers	115 and 116
Stream Mile and Bank	TRMs 74.1 to 75.6L
Land Use/Land Cover	Forested, scrub-shrub, and emergent wetlands and bottomland forest
Known Dispersed Recreation Opportunities	Waterfowl hunting and wildlife observation
Current Agreements/Commitments	None identified

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Wetland protection and enhancement • Survey for nesting wading/water bird use • Determine level of impacts on island vegetation from nesting double-crested cormorants • Stabilization needs for cultural resource protection
Potential Partners	<ul style="list-style-type: none"> • Tennessee Wildlife Resources Agency • U.S. Department of Agriculture Wildlife Services • U.S. Fish and Wildlife Service

Parcel 336 – (3.0 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of the Tennessee River at the confluence of Granny’s Branch. This area includes Adventure Bay Resort and Marina. However, the facilities have sustained damage from adverse weather conditions and are currently not in operation. There is a medium probability for the presence of cultural resources on the parcel.

Table 4-336. Parcel Information

Location Component	Parcel Specific Information
County, State	Benton, Tennessee
TVA D–Stage Map Numbers	115
Stream Mile and Bank	TRM 74L

Parcel 337 – (58.7 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of TRM 74. The parcel extends between TVA markers 115–46 to Parcel 336. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-337. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry and Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-SE and 29SW
TVA D-Stage Map Numbers	115
Stream Mile and Bank	TRM 74L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-374, XGIR-375, XGIR-376, and XGIR-377
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Benton County, Tennessee Board of Public Utilities for electric utilities • Permanent easements (XGIR-374, S.1x; XGIR-375, S.1x; XGIR-376, S.1x; and XGIR-377, S.1x)

Parcel 338 – (8.8 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the right descending bank of Big Sandy River, and a portion of the parcel is under a permanent easement to the State of Tennessee for recreation access. The back-lying property is former TVA property (XTGIR-99) that was transferred to the State of Tennessee for public recreation. TWRA maintains a boat launching ramp and parking area on this parcel. The undeveloped areas have a high probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-338. Parcel Information

Location Component	Parcel Specific Information
County, State	Benton, Tennessee
TVA D-Stage Map Numbers	96
Stream Mile and Bank	Big Sandy River mile 11R

Parcel 339 – (113.5 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This moderate size parcel is located along the right descending bank of Big Sandy River and considered part of the TWRA New Hope WMA. The parcel features a mixture of bottomland hardwoods, scattered loblolly pines, open agricultural lands, and wetlands. Access to the parcel

is by boat and public road. Small and big game and waterfowl hunting are featured uses of the parcel. Some public use of this parcel, specifically waterfowl hunting, is regulated with the WMA’s rules and regulations. This area also receives substantial use for wildlife observation opportunities. No federally or state-listed species are known to occur on the parcel. There is a historic bald eagle nest on parcel near mouth of Hurricane Creek. There is a medium probability for the presence of cultural resources. There are existing facilities on this parcel that could be permissible under TVA’s policies unless they are determined to be violations. However, requests for new water use facilities would not be considered.

Table 4-339. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–SE
TVA D–Stage Map Numbers	96 and 97
Stream Mile and Bank	Big Sandy River miles 11 to 12R
Land Use/Land Cover	Forested, scrub-shrub, and emergent wetlands, agricultural land, bottomland forest, and loblolly pines
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	Revocable license to Tennessee Wildlife Resources Agency for a wildlife management area
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline A • Enhance wildlife management benefits following State Wildlife Action Plan objectives • Monitor dispersed recreation uses and impacts
Potential Partners	Tennessee Wildlife Resources Agency

Parcel 340 – (4.9 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel consists of islands located between Big Sandy River miles 12 and 15. This parcel features fringe emergent wetlands on the islands located upstream. Access to the parcel is by boat only; therefore, public use is limited. This parcel receives some use by waterfowl hunters during the winter months. The islands located near the Big Sandy Dewatering Unit are within the TWRA Big Sandy WMA. No federally or state-listed species are known to occur on the parcel. There is a low probability for the presence of cultural resources. No existing shoreline

improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-340. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton and Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-SE
TVA D-Stage Map Numbers	97
Stream Mile and Bank	Big Sandy River miles 12 to 15B
Land Use/Land Cover	Fringe emergent wetlands
Known Dispersed Recreation Opportunities	Waterfowl hunting
Current Agreements/Commitments	Revocable license to Tennessee Wildlife Resources Agency for a wildlife management area
Potential Projects	<ul style="list-style-type: none"> • Assess islands for re-establishment or stabilization • Re-establish islands to provide habitat for nesting wading birds
Potential Partners	<ul style="list-style-type: none"> • U.S. Fish and Wildlife Service • Tennessee Wildlife Resources Agency

Parcel 341 – (50.1 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of Big Sandy River lying entirely below the 375-foot msl. The current land use varies with maintained lawns, wetlands located in some of the coves, and embankment plantings located along New Hope Road. Harbor Town Subdivision is located on the back-lying private property. There is a medium probability for the presence of cultural resources. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-341. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-SE
TVA D-Stage Map Numbers	97
Stream Mile and Bank	Big Sandy River miles 12.1 to 13R
Land Use/Land Cover	Maintained lawns, wetlands, and historic hardwood tree plantings

Location Component and Public Involvement Opportunities	Parcel Specific Information
Fronts Former TVA Tract (s)	XGIR-663, XGIR-664, XGIR-665, and XGIR-666
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 341a – (0.9 acre)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located adjacent to residential development. This parcel is the result of a 2012 property exchange with a private landowner. Deeded shoreline access rights at this location were extinguished (XGIR-666,S.1X) in exchange for the grant of access rights (XGIR-943-RE) across the river on Parcel 366 under TVA’s previous Maintain and Gain policy that the TVA Board has since retracted. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-341a. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-SE
TVA D-Stage Map Numbers	97
Stream Mile and Bank	Big Sandy River mile 12.6R
Land Use/Land Cover	Historic hardwood tree plantings
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	XGIR-666,S.1X
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 342 – (1.2 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located adjacent to New Hope Road and residential development. The parcel now reflects the road ROW and maintained lawn. However, this small parcel was once included in a larger embankment planting effort. This parcel receives limited use due to the size and proximity to adjacent residential areas. A revocable license for electric utilities crosses the western edge of the parcel. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources. No existing

shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-342. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–SE
TVA D–Stage Map Numbers	97 and 105
Stream Mile and Bank	Big Sandy River mile 13.6R
Land Use/Land Cover	Maintained lawn and historic hardwood tree plantings
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easement to Benton County, Tennessee for a roadway • Revocable license to Benton County, Tennessee, Board of Public Utilities for electric utilities • Revocable license to Southern Bell Telephone and Telegraph Company for telephone lines
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 343 – (14.3 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located adjacent to New Hope Road and residential development. The parcel features bottomland forests and high quality forested, scrub-shrub, and fringe emergent wetlands. Access to the parcel is by adjacent public roads and limited boat access. This parcel receives limited use due to the size and proximity to adjacent residential areas. However, it does serve as a visual buffer from nearby residential development in addition to providing numerous riparian habitat functions. Embankment plantings have been established on portions of these parcels for erosion control efforts for relocated roads. A revocable license for electric utilities crosses the eastern edge of the parcel. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-343. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–SE
TVA D–Stage Map Numbers	97 and 105
Stream Mile and Bank	Big Sandy River mile 13.6R
Land Use/Land Cover	Historic hardwood tree plantings, bottomland forest, and forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easement to Benton County, Tennessee for a roadway • Revocable license to Benton County, Tennessee, Board of Public Utilities for electric utilities • Revocable license to Southern Bell Telephone and Telegraph Company for telephone lines
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Embankment planting research
Potential Partners	Universities

Parcel 344 – (17.8 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of Big Sandy River mile 14 and extends between TVA markers 105–84 to 97–78. This parcel lies entirely below the 375-foot msl, and the current land use deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Harbor Town South Subdivision is located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-344. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	17–SW
TVA D–Stage Map Numbers	97and 105
Stream Mile and Bank	Big Sandy River mile 14R

Location Component and Public Involvement Opportunities	Parcel Specific Information
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-660, XGIR-661, and XGIR-662
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to Tennessee Wildlife Resources Agency for a wildlife management area

Parcel 345 – (76.4 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along Big Sandy River and in close proximity to Big Sandy Dewatering Unit. This parcel features upland and bottomland forests, scattered pines, and high quality forested, scrub-shrub, and fringe emergent wetlands. Access to the parcel is by boat and TSR-69. This parcel receives substantial use by hunters for small and big game and waterfowl hunting due to large parcel size and proximity to TWRA’s Big Sandy WMA. There is a revocable license issued to a public utility and telephone company for electric and phone lines that crosses a portion of the parcel. No federally or state-listed species are known to occur on the parcel. However, one bald eagle nesting record occurs within 660 feet of this parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-345. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20-NE
TVA D-Stage Map Numbers	105
Stream Mile and Bank	Big Sandy River miles 14.4 to 14.8R
Land Use/Land Cover	Upland and bottomland forest and forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to Benton County, Tennessee Board of Public Utilities for electric utilities • Revocable license to Southern Bell Telephone for telephone lines • Permanent easement to the Town of Big Sandy, Tennessee, for roadways • Permanent easement to Tennessee Department of Transportation for roadways

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	Tennessee Wildlife Resources Agency

Parcel 346 – (11.7 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along a small drainage canal to Big Sandy River mile 14.4 and lies adjacent to Water Street, Threets Lane, and Depot Street. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest and grassland. There is a medium probability for the presence of cultural resources, but this parcel has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-346. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20-NE
TVA D-Stage Map Numbers	105-2
Stream Mile and Bank	Big Sandy River mile 14.4R
Land Use/Land Cover	Deciduous forest and grasslands
Fronts Former TVA Tracts	XGIR-657
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	None identified
Potential Partners	None identified

Parcel 347 – (14.4 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the right descending bank of Big Sandy River and is managed by the Town of Big Sandy via a recreation easement (XTGIR-62E). This municipal park includes picnic pavilions, trails, play fields, and restrooms. The undeveloped areas have a medium

probability for the presence of cultural resources but the area has not been surveyed. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-347. Parcel Information

Location Component	Parcel Specific Information
County, State	Benton, Tennessee
TVA D-Stage Map Numbers	105
Stream Mile and Bank	Big Sandy River mile 15R

Parcel 348 – (3.3 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel is under a permanent easement to the Town of Big Sandy for a wastewater treatment plant. The wastewater treatment plant and associated pond, access road and parking are located on the parcel. A baseball field has been constructed on a portion of this parcel and the neighboring TVA property. The neighboring parcel is under a term easement to the Town of Big Sandy for recreational purposes. There is a low probability for the presence of cultural resources, but the area has not been surveyed. Requests for private water use facilities would not be considered.

Table 4-348. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20-NE
TVA D-Stage Map Numbers	105 and 105-2
Stream Mile and Bank	Big Sandy River mile 14.9R
Land Use/Land Cover	Wastewater treatment plant and recreation
Known Dispersed Recreation Opportunities	Baseball field
Current Agreements/Commitments	Permanent easement to the Town of Big Sandy for a wastewater treatment plant
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 349 – (15.6 acres)*RLMP Allocation: Zone 4, Natural Resource Conservation*

This parcel is located adjacent to the Big Sandy Dewatering Unit and features upland and bottomland forests and fringe emergent wetlands. Access is by public road. No federally or state-listed species are known to occur on this parcel. There is a low probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-349. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20-NE
TVA D-Stage Map Numbers	105 and 105-2
Stream Mile and Bank	Big Sandy River mile 15R
Land Use/Land Cover	Upland and bottomland forest and forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to Benton County, Tennessee Board of Public Utilities for electric utilities • Revocable license to Southern Bell Telephone for telephone lines
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 350 – (13.0 acres)*RLMP Allocation: Zone 4, Natural Resource Conservation*

This parcel is located adjacent to the Big Sandy Dewatering Unit. The parcel features upland and bottomland forests and fringe emergent wetlands. Access is by public road; however, public use is limited due to the small parcel size. The outfall for the adjacent sewage pump station fronts this parcel. No federally or state-listed species are known to occur on this parcel. There is a low probability for the presence of cultural resources, but the area has not been surveyed. No

existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-350. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20-NE
TVA D-Stage Map Numbers	105 and 105-2
Stream Mile and Bank	Big Sandy River mile 15R
Land Use/Land Cover	Upland and bottomland forest and forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to Benton County, Tennessee Board of Public Utilities for electric utilities • Revocable license to Southern Bell Telephone for telephone lines
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 351 – (75.7 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel contains a backwater protection levee and a portion of the ROW for SR-69A. The ROW has a low probability for the presence of cultural resources. Outside the ROW there is a medium probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-351. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20-NE
TVA D-Stage Map Numbers	104, 105, and 105-2
Stream Mile and Bank	Big Sandy River mile 15B
Land Use/Land Cover	Pump house, levee and road ROW
Known Dispersed Recreation Opportunities	Hunting, photography, wildlife observation, and fishing

Location Component and Public Involvement Opportunities	Parcel Specific Information
Current Agreements/Commitments	None identified
Potential Projects	Systematic survey for historic properties
Potential Partners	Tennessee Wildlife Resources Agency

Parcel 352 – (1.2 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is adjacent to TVA’s maintenance base supporting the Big Sandy Dewatering Unit. A boat-launching ramp and parking area are maintained on this parcel. There is a low probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered. However, the type of facilities and uses would be limited due to the proximity to the maintenance base and dewatering unit.

Table 4-352. Parcel Information

Location Component	Parcel Specific Information
County, State	Benton, Tennessee
TVA D–Stage Map Numbers	105
Stream Mile and Bank	Big Sandy River mile 15R

Parcel 353 – (10.9 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel contains a TVA maintenance base and the levees and pump house associated with the Big Sandy Dewatering Unit. The back-lying land is used to support the dewatering unit. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-353. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	20–NE
TVA D–Stage Map Numbers	105 and 105–2
Stream Mile and Bank	Big Sandy River mile 15B
Land Use/Land Cover	Pump house and levee

Location Component and Public Involvement Opportunities	Parcel Specific Information
Known Dispersed Recreation Opportunities	Hunting, photography, wildlife observation, and fishing
Current Agreements/Commitments	None identified
Potential Projects	None identified
Potential Partners	Tennessee Wildlife Resources Agency

Parcel 354 – (3,023.8 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This large size parcel begins at Big Sandy River mile 15B and encompasses the Big Sandy Dewatering Unit and WMA. The features upland and bottomland forests, open agricultural lands, beaver ponds, and numerous high quality forested, scrub-shrub, and fringe emergent wetlands. Embankment plantings have been established on a portion of the parcel for erosion control on previously relocated roads.

Access is by boat and by several roads leading into the parcel. However, access to some portions of the parcel is limited by TWRA. This parcel receives substantial use for hunting for small and big game and waterfowl. This parcel is also used for fishing and wildlife observation opportunities. One state-listed plant species, a sedge (*Carex reniformis*), and one federally and state-listed mammal, the Indiana bat, have been recorded within this parcel. An occupied roost tree was documented in this parcel. There is a high probability for the presence of cultural resources, but the area has not been surveyed. There are existing facilities on this parcel that could be permissible under TVA’s policies unless they are determined to be violations. However, requests for new private water use facilities would not be considered.

Table 4-354. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton and Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	20-NE
TVA D-Stage Map Numbers	104
Stream Mile and Bank	Big Sandy River mile 15B
Land Use/Land Cover	Historic hardwood tree plantings; upland and bottomland forests; forested, scrub-shrub, and emergent wetlands of high quality and function; managed wetlands associated with sub-impoundments

Location Component and Public Involvement Opportunities	Parcel Specific Information
Known Dispersed Recreation Opportunities	Small and big game hunting, waterfowl hunting, fishing, and wildlife observation
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to Benton County, Tennessee, Board of Public Utilities for electric utilities • Revocable license to Southern Bell Telephone for telephone lines • Revocable license to Tennessee Wildlife Resources Agency for a wildlife management area • Revocable license to Tennessee Wildlife Resources Agency for management of the dewatering unit • Memorandum of Agreement with Louisville and Nashville Railroad for management of railroad tracks
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Cultural resources management activities • Possible expansion of wildlife observation opportunities in partnership with Tennessee Wildlife Resources Agency
Potential Partners	Tennessee Wildlife Resources Agency

Parcel 355 – (22.0 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of a small tract of land located along the left descending bank of Big Sandy River Drainage Canal Mile 15.1. The parcel extends between TVA markers 104–41 and 104–42. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and agricultural fields. There is a high probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. However, water use facilities will be limited to in size and nature due to the proximity of the dewatering unit. Potential impacts to the dewatering unit or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific programmatic and environmental review.

Table 4-355. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	20-NE
TVA D-Stage Map Numbers	104 and 105
Stream Mile and Bank	Big Sandy River Drainage Canal River mile 15.1L
Land Use/Land Cover	Deciduous forest and agricultural fields
Fronts Former TVA Tract (s)	XGIR-283
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to Tennessee Wildlife Resources Agency for a wildlife management area • Revocable license to Tennessee Wildlife Resources Agency for management of the dewatering unit

Parcel 356 – (11.7 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of a small tract of land located along the left descending bank of Big Sandy River Drainage Canal Mile 15.1. The parcel extends between TVA markers 104-39 and 104-40. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and agricultural fields. There is a high probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. However, water use facilities will be limited to in size and nature due to the proximity of the dewatering unit. Potential impacts to the dewatering unit or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific programmatic and environmental review.

Table 4-356. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	20-NE
TVA D-Stage Map Numbers	104 and 105
Stream Mile and Bank	Big Sandy River Drainage Canal mile 15.1L
Land Use/Land Cover	Deciduous forest and agricultural fields
Fronts Former TVA Tract (s)	XGIR-282
Structure Profile	Elevation 381-foot msl

Location Component and Public Involvement Opportunities	Parcel Specific Information
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to Tennessee Wildlife Resources Agency for a wildlife management area • Revocable license to Tennessee Wildlife Resources Agency for management of the dewatering unit

Parcel 357 – (23.6 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This small parcel is located along Clendenin Creek adjacent to and partially within Big Sandy WMA. This parcel is designated as Clendenin Creek HPA and was established in 1985 for protection of black-footed quillwort, a state-listed plant related to ferns. This parcel features upland and bottomland forests and open agricultural lands. Access to the parcel is by road. This parcel receives substantial small and big game hunting because of the proximity to the WMA.

No federally listed species are known to occur on the parcel. Black-footed quillwort, a primitive plant species was known to occur on this parcel, however, in recent years, there have been no recorded observations. Early successional forest development appears to have shaded out the plant, and in 2012, the plant could not be located. A biological inventory survey would provide further information to determine if other sensitive resources may be present. Coordination with TWRA for management and restoration of the plant habitat is a potential project. There is a high probability for the presence of cultural resources, but the area has not been surveyed. Requests for private water use facilities would not be considered.

Table 4-357. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton and Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	20-NE
TVA D-Stage Map Numbers	104
Stream Mile and Bank	Big Sandy River mile 14.3L
Land Use/Land Cover	Open agricultural lands for wildlife management and upland and bottomland forest
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to Tennessee Wildlife Resources Agency for a wildlife management area • Revocable license to Tennessee Wildlife Resources Agency for management of the dewatering unit

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Cultural resources management activities • Biological Inventory to determine if other threatened and endangered species are present • Restore the habitat for the sensitive plant
Potential Partners	Tennessee Wildlife Resources Agency

Parcel 358 – (40.6 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along the left descending bank Clendenin Creek and within the TWRA Big Sandy WMA. This parcel features bottomland forests; early successional hardwoods from previous timber harvests; open land managed by TWRA; high quality forested, scrub-shrub, and fringe emergent wetlands. Access is by boat and by TWRA access roads leading into the parcel. This parcel receives substantial use for small and big game and waterfowl hunting. This parcel is also used for fishing and wildlife observation opportunities. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. There are existing facilities on this parcel that could be permissible under TVA's policies unless they are determined to be violations. However, requests for new private water use facilities would not be considered.

Table 4-358. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton and Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-SE
TVA D-Stage Map Numbers	97 and 98
Stream Mile and Bank	Big Sandy River miles 13.5 to 14L
Land Use/Land Cover	Bottomland forest, open lands, and forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting, fishing, and wildlife observation
Current Agreements/Commitments	Revocable license to Tennessee Wildlife Resources Agency for a wildlife management area

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Cultural resources management activities • Possible expansion of wildlife observation opportunities in partnership with Tennessee Wildlife Resources Agency
Potential Partners	Tennessee Wildlife Resources Agency

Parcel 359 – (14.5 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This small parcel is located along the left descending bank of Big Sandy River and adjacent to the Big Sandy WMA. This parcel features bottomland riparian forests with minor shoreline fringe emergent wetlands. Access to the parcel is by boat and a road on the northern end of the parcel. This parcel receives limited public use due to the small and narrow configuration. There is a high probability for the presence of cultural resources. There are existing facilities on this parcel that could be permissible under TVA’s policies unless they are determined to be violations. However, requests for new private water use facilities would not be considered.

Table 4-359. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–SE
TVA D–Stage Map Numbers	97
Stream Mile and Bank	Big Sandy River miles 13.1 to 13.5L
Land Use/Land Cover	Riparian forests and shoreline fringe emergent wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Letter of No Objection to a private individual for a fence
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 360 – (9.5 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts located along the left descending bank of Big Sandy River miles 12.2 and 13.0. The parcel extends between TVA markers 97–55 to 97–57. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Lakeside Estates and Lakeview Manor Subdivision are located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-360. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–SE
TVA D–Stage Map Numbers	97
Stream Mile and Bank	Big Sandy River miles 12.0 and 13.0L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–545R
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 361 – (17.8 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located the left descending bank of Big Sandy River. The land use of a majority of this parcel is in perennial hay cover with the remainder in riparian hardwoods and early successional hardwoods. There are forested, scrub-shrub and fringe emergent wetlands that serve as riparian habitats along the shoreline. Access to the parcel is primarily by boat; therefore, public use of the parcel is limited. There is a term agricultural license for 5.6 acres in perennial hay and 9.7 acres for pasture. The agricultural area will convert to native warm season grasses for improved management of grassland wildlife species. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources. There is one existing private-water use facility on this parcel that could be

permissible under TVA’s policies unless they are determined to be violations. However, requests for new private water use facilities would not be considered.

Table 4-361. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–SE
TVA D–Stage Map Numbers	97 and 98
Stream Mile and Bank	Big Sandy River miles 12.5 to 12.8L
Land Use/Land Cover	Perennial hay, riparian hardwoods, and forested, scrub-shrub, and emergent wetlands along shoreline
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	<ul style="list-style-type: none"> • Term agricultural license for perennial hay and pasture • Approved private water use facility
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Continue conversion to NWSG perennial grassland cover
Potential Partners	Agricultural licensee

Parcel 362 – (15.3 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of the Big Sandy River. The area is under a revocable license to Country Junction Resort for commercial recreation. Facilities at the resort include a campground, marina, swimming beach, play courts, and restaurant. There is a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water–based structures to support developed recreation purposes would be considered.

Table 4-362. Parcel Information

Location Component	Parcel Specific Information
County, State	Benton, Tennessee
TVA D–Stage Map Numbers	98
Stream Mile and Bank	Big Sandy River mile 12.7L

Parcel 363 – (18.4 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along the left descending bank of the Big Sandy River. The land use of a majority of this parcel is in perennial hay cover with the remainder in riparian and upland hardwoods. There are forested, scrub-shrub, and fringe emergent wetlands that serve as riparian habitats along the shoreline. Access to the parcel is primarily by boat and from adjoining residential property on the south end of parcel. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources. There are existing facilities on this parcel that could be permissible under TVA’s policies unless they are determined to be violations. However, requests for new private water use facilities would not be considered.

Table 4-363. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–SE
TVA D–Stage Map Numbers	98
Stream Mile and Bank	Big Sandy River miles 11.7 to 12.0L
Land Use/Land Cover	Perennial hay, riparian and upland hardwoods, and forested, scrub-shrub, and emergent wetlands along shoreline
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	Term agricultural license for perennial hay
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Explore partnership with agricultural licensee to convert to NWSG perennial grassland cover
Potential Partners	Agricultural licensee

Parcel 364 – (85.0 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This moderate size parcel is located along the left descending bank of the Big Sandy River. The land cover of this parcel is upland hardwood forests, loblolly pine stands, and scrub-shrub and emergent wetlands. Access to the parcel is primarily by boat; therefore, public use is limited.

Camping and hunting for small and large game occur on this parcel. No federally or state-listed species are known to occur on this parcel. There is a high probability for the presence of cultural resources, and Bucy Cemetery is located on this parcel. There are existing large duck blinds along the portions of shoreline exposed during winter months. Requests for private water use facilities would not be considered.

Table 4-364. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-SE
TVA D-Stage Map Numbers	98
Stream Mile and Bank	Big Sandy River miles 11.2 to 11.7L
Land Use/Land Cover	Upland hardwoods, loblolly pine, and scrub-shrub and emergent wetlands along shoreline
Known Dispersed Recreation Opportunities	Hunting and camping
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Possible small scale timber harvests to diversify wildlife habitat • Land Condition Assessments to determine other potential projects
Potential Partners	None identified

Parcel 365 – (30.0 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel consists of one contiguous tract of land adjacent to residential development. The land use this parcel includes forests; perennial hay; and forested, scrub-shrub, and fringe emergent wetlands. Access to the parcel is primarily by boat; therefore, public use is limited. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources on the parcel. Requests for private water use facilities would not be considered.

Table 4-365. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee

Location Component and Public Involvement Opportunities	Parcel Specific Information
Topographic Map (Sheet No. and Quadrant)	19-SE
TVA D-Stage Map Numbers	96
Stream Mile and Bank	Big Sandy River miles 11.2 to 11.5L
Land Use/Land Cover	Historic hardwood tree plantings, perennial hay, and forested, scrub-shrub, and emergent wetlands along shoreline
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	Term agricultural license for perennial hay
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Explore partnership with agricultural licensee to convert to NWSG perennial grassland cover
Potential Partners	Agricultural licensee

Parcel 365a – (16.2 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel consists of two noncontiguous tracts of land adjacent to residential development. Sandy Shores Subdivision is located on the back-lying private property. Although the back-lying property is residential, the property does not hold deeded rights of ingress and egress across TVA property. Further, this parcel does not qualify for residential shoreline development under TVA's Shoreline Management Policy and no other policy or guideline exists that would allow for private water use facilities on this parcel. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources on the parcel. Requests for private water use facilities would not be considered.

Table 4-365a. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-SE
TVA D-Stage Map Numbers	96
Stream Mile and Bank	Big Sandy River miles 10.6 to 11.2L
Land Use/Land Cover	Hardwoods, maintained lawn and wetlands along shoreline
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 366 – (0.3 acre)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of Big Sandy River mile 11. The parcel is located between the multiple tracts of land associated with Parcel 365a. This parcel lies entirely below the 375-foot msl contour, and the current land use is deciduous forest and maintained lawns. There is a high probability for the presence of cultural resources. Sandy Shores Subdivision is located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-366. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Benton, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-SE
TVA D-Stage Map Numbers	96
Stream Mile and Bank	Big Sandy River mile 11.0L
Land Use/Land Cover	Maintained lawns
Fronts Former TVA Tract (s)	XGIR-666
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 367 – (5.6 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the right descending bank of West Sandy Creek. The parcel is under a revocable license to Britton Ford Campground for commercial recreation. Facilities provided at this area include a campground, marina, boat-launching ramp, swimming pool, picnic pavilion, and play courts. There is a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-367. Parcel Information

Location Component	Parcel Specific Information
County, State	Henry, Tennessee
TVA D–Stage Map Numbers	89
Stream Mile and Bank	TRM 67L

Parcel 368 – (51.9 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of a contiguous tract of land and is located along the right descending bank of West Sandy River miles 2.3 to 3.2. This parcel extends between TVA marker 89–37 and Parcel 369. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Sandy Beach Estates and Timberlake subdivisions are located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-368. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–SW
TVA D–Stage Map Numbers	89 and 94
Stream Mile and Bank	West Sandy River mile 2.6R
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–670 and XGIR–299
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 369 – (14.5 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel consists of a tract of land along the right descending bank of West Sandy River at the confluence of Hastings Branch. The land cover of this parcel is deciduous bottomland forests; riparian forests; loblolly pine; and forested, scrub-shrub, and fringe emergent wetlands. In addition, embankment plantings were established on this parcel to protect relocated road embankments. Access to the parcel is by boat with limited road access. This parcel receives limited hunting; and overall has limited dispersed recreation opportunities. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-369. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–SW
TVA D–Stage Map Numbers	94
Stream Mile and Bank	West Sandy River mile 3.4 to 3.8R
Land Use/Land Cover	Historic hardwood tree plantings, deciduous bottomland forest and forested, scrub-shrub and fringe emergent wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easement to Henry County, Tennessee for a roadway • Revocable license to a private individual for electric utilities
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Embankment plantings research
Potential Partners	None identified

Parcel 370 – (3.2 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of West Sandy River mile 3.0. The parcel extends between TVA markers 94–93 to 94–94. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a high probability for the presence of

cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. However, any facility would be limited in size and subject to a favorable environmental and programmatic review. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-370. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-SW
TVA D-Stage Map Numbers	94
Stream Mile and Bank	West Sandy River mile 3.0R
Land Use/Land Cover	Deciduous forest
Fronts Former TVA Tract (s)	XGIR-669
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	None

Parcel 371 – (36.4 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel consists of a tract of land located along the right descending bank of West Sandy River at the confluence of Hastings Branch. The land cover of this parcel is deciduous bottomland forests; riparian forests; loblolly pine; and forested, scrub-shrub, and fringe emergent wetlands. In addition, there is agricultural use near the eastern portion of the parcel, and embankment plantings were established on the southernmost portion of this parcel to protect relocated road embankments. Access to the parcel is by boat and some road access. This parcel receives limited hunting; and overall has limited dispersed recreation opportunities. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources. There are existing facilities on and uses of this parcel that could be permissible under TVA’s policies unless they are determined to be violations. However, requests for new private water use facilities would not be considered.

Table 4-371. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-SW

Location Component and Public Involvement Opportunities	Parcel Specific Information
TVA D–Stage Map Numbers	94
Stream Mile and Bank	West Sandy River mile 3.4 to 3.8R
Land Use/Land Cover	Historic hardwood tree plantings, deciduous bottomland forest and forested, scrub-shrub and fringe emergent wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easement to Henry County, Tennessee for a roadway • Revocable license to a private individual for electric utilities • Revocable license to a private individual for telephone lines
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Embankment plantings research
Potential Partners	None identified

Parcel 372 – (1.4 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of West Sandy River mile 3.2. The parcel extends between Parcel 371 to Parcel 373. This parcel lies entirely below the 375-foot msl, and the current land use is maintained lawns. There is a medium probability for the presence of cultural resources. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-372. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–SW
TVA D–Stage Map Numbers	94
Stream Mile and Bank	West Sandy River mile 3.2R
Land Use/Land Cover	Maintained lawns
Fronts Former TVA Tract (s)	XGIR–668
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	None

Parcel 373 – (4.4 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the right descending bank of the West Sandy River. A public recreation easement (XTGIR-96E) over the western portion of this parcel has been granted to the State of Tennessee. This portion of the parcel includes a boat-launching ramp, pier, and parking lot maintained by TWRA. The western portion of the parcel, extending between TVA 94–91 to Parcel 375, is under a revocable license to Pleasant View Resort. Facilities at this commercial recreation area include a marina, swimming pool, rental cabins, and water park. The undeveloped areas have a medium probability for the presence of cultural resources, but the area has not been surveyed. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-373. Parcel Information

Location Component	Parcel Specific Information
County, State	Henry, Tennessee
TVA D–Stage Map Numbers	94
Stream Mile and Bank	West Sandy River mile 3.3R

Parcel 374 – (6.0 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel contains the levees and pump house associated with the West Sandy Dewatering Unit. The back-lying land is used to support the dewatering unit. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-374. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–SW
TVA D–Stage Map Numbers	94
Stream Mile and Bank	West Sandy River mile 3.5B
Land Use/Land Cover	Pump house and levee
Known Dispersed Recreation Opportunities	Hunting, photography, wildlife observation, and fishing

Location Component and Public Involvement Opportunities	Parcel Specific Information
Current Agreements/Commitments	None identified
Potential Projects	None identified
Potential Partners	Tennessee Wildlife Resources Agency

Parcel 375 – (6,384.9 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This large size parcel begins at West Sandy River mile 3.5 and encompasses the West Sandy Dewatering Unit (see Section 2.3.3) and WMA. This parcel features upland and bottomland forests; loblolly pine plantations; agricultural lands managed by TWRA; beaver ponds; and numerous high quality forested, scrub-shrub, and fringe emergent wetlands. Embankment plantings have been established on a portion of the parcel for erosion control and protection of relocated road embankments. Access to the parcel is by boat and by several roads under management of TWRA. This parcel receives substantial use for hunting of small and big game and waterfowl and includes a number of duck blinds managed by TWRA. This parcel is also used extensively for fishing and wildlife observation opportunities. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-375. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–SW
TVA D–Stage Map Numbers	84, 90, 91, 93, 94, 99, 100, and 103
Stream Mile and Bank	West Sandy River mile 3.5B
Land Use/Land Cover	Forested, scrub-shrub, emergent, and managed wetlands; upland and bottomland forest; and sub–impoundments; and historic hardwood tree plantings
Known Dispersed Recreation Opportunities	Hunting, fishing, and wildlife observation

Location Component and Public Involvement Opportunities	Parcel Specific Information
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to Henry County Public Utilities for electric utilities • Revocable license to Southern Bell Telephone for telephone lines • Revocable license to Tennessee Wildlife Resources Agency for a wildlife management area • Revocable license to Tennessee Wildlife Resources Agency for management of the dewatering unit
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Cultural resources management activities • Possible expansion of wildlife observation opportunities • Wetland habitat enhancements
Potential Partners	<ul style="list-style-type: none"> • Tennessee Wildlife Resources Agency • U.S. Fish and Wildlife Service • Ducks Unlimited

Parcel 376 – (26.2 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of several small tracts of land containing roadways and located within the West Sandy Dewatering Unit. A portion of the parcel crosses the West Sandy River at mile 4.3 and contain a portion of Elkhorn Road, a Henry County roadway. Another portion of the parcel crosses the West Sandy Drainage Canal at mile 3.3 and contains a portion the alternative route for TSR-69. The parcel also crosses the West Sandy Drainage Canal at mile 5.5 and contains portions of US-641 and TSR-69. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-376. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–SW and 20–NW
TVA D–Stage Map Numbers	94, 100, and 103
Stream Mile and Bank	West Sandy River mile 4.3B West Sandy River Drainage Canal mile 3.3B
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	None identified

Location Component and Public Involvement Opportunities	Parcel Specific Information
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easement to Henry County, Tennessee for a roadway • Permanent easement to Tennessee Department of Transportation for a roadway • Revocable license to a private individual for electric utilities
Potential Projects	None identified
Potential Partners	None identified

Parcel 377 – (1.8 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of a small tract of land crossing the West Sandy Drainage Canal at mile 7.3 and contains a portion of Reynoldsburg Road. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-377. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–SW and 20–NW
TVA D–Stage Map Numbers	94, 100, and 103
Stream Mile and Bank	West Sandy River mile 4.3B West Sandy River Drainage Canal mile 3.3B
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Revocable license for electric utilities
Potential Projects	None identified
Potential Partners	None identified

Parcel 378 – (11.4 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts and is located along the right descending bank of West Sandy River Drainage Canal. The parcel extends among TVA markers 100–47 to 100–48 and 100–49 to 100–50. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a high probability for the presence of cultural resources. The parcel is traversed by the alternative route for TSR-69. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be

considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-378. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-SW
TVA D-Stage Map Numbers	100
Stream Mile and Bank	West Sandy River Drainage Canal mile 3.5R
Land Use/Land Cover	Deciduous forest
Fronts Former TVA Tract (s)	XGIR-655 and XGIR-656
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	Revocable license to Southern Bell Telephone for telephone lines

Parcel 379 – (67.8 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This small parcel is located northwest of the West Sandy River Dewatering Unit and along Henson Branch. The parcel also lies adjacent to US-79 behind the Willie Borchert Rest Area Roadside Park. This parcel is proposed as the Henson Branch Histosol TVA HPA. Henson Branch meanders through the southern portion of the parcel. This area features a forested wetland and is characterized by a unique and rare soil typically only located along the southeastern coastal plain. These soils are Histosols, characterized by a thick organic layer, and are generally referred to as bogs, moors, peats and mucks. Histosols are 20 to 30 percent organic matter by weight and typically more than 40-centimeters thick. Histosols form in settings where restricted drainage inhibits the decomposition of plant and animal remains allowing organic materials to accumulate over time. As a result, Histosols are ecologically important because of the large quantities of carbon they contain. Histosols comprise 1.6 percent of soils types in the U.S. The soils series of this area has not been officially determined; therefore, partnership with the National Resource Conservation Service would be suggested to monitor developments regarding the official soil series name and potential research opportunities. In addition, the plant assemblage in this area is not typical with wetland obligate species growing within a few meters of facultative upland species. One state-listed plant species, the halberd-leaf tearthumb, and one state-listed amphibian, the four toed salamander have been recorded within this parcel. There is a medium probability for the presence of cultural resources, but the

area has not been surveyed. No existing improvements are currently present, and requests for private facilities would not be considered.

Table 4-379. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–SW
TVA D–Stage Map Numbers	91
Stream Mile and Bank	Henson Branch portion of the West Sandy Drainage Canal mile 1.1B
Land Use/Land Cover	Forested wetlands, upland and bottomland hardwoods, rare Histosol soils, and unique plant assemblages
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to Henry County Utilities for electric utilities • Revocable license to Southern Bell Telephone for telephone lines
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property, public lands, and habitat protection area signs along parcel boundaries and shoreline • Complete biological inventory • Coordinate with Natural Resource Conservation Service for determination of final soil series name and research opportunities • Research opportunities with local schools
Potential Partners	<ul style="list-style-type: none"> • Natural Resource Conservation Service • Local universities or colleges for research

Parcel 380 – (16.1 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of two small tracts of land containing roadways and located within the West Sandy Dewatering Area. Both tracts of land contain portions of US-79, TSR-76, and TSR-218. One tract crosses the Holly Fork Creek portion of the West Sandy Drainage Canal at mile 5.3, and the other tract crosses the Henson Branch portion of the West Sandy Drainage Canal at mile 1.1. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-380. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–SW
TVA D–Stage Map Numbers	84 and 91
Stream Mile and Bank	Holly Fork Creek portion of the West Sandy Drainage Canal mile 5.3B Henson Branch portion of the West Sandy Drainage Canal mile 1.1B
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Permanent easement to Tennessee Department of Transportation for a roadway
Potential Projects	None identified
Potential Partners	None identified

Parcel 381 – (8.7 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of West Sandy River mile 2.9. The parcel extends between TVA markers 94–90 to 94–74. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a medium probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-381. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–SW
TVA D–Stage Map Numbers	94
Stream Mile and Bank	West Sandy River mile 2.9L
Land Use/Land Cover	Deciduous forest
Fronts Former TVA Tract (s)	XGIR–667
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	None

Parcel 382 – (26.2 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along the left descending bank of the West Sandy River. The land cover of this parcel is deciduous bottomland forests; riparian forests; loblolly pine stands; and forested, scrub-shrub, and fringe emergent wetlands that serve as riparian habitats along the shoreline. Access to the parcel is by boat. This parcel receives substantial waterfowl hunting based on observation of several existing duck blinds near and around the shoreline. No federally or state-listed species are known to occur on this parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present other than duck blinds, and requests for private water use facilities would not be considered.

Table 4-382. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–SW
TVA D–Stage Map Numbers	89 and 94
Stream Mile and Bank	West Sandy River miles 2.1 to 3.2L
Land Use/Land Cover	Deciduous bottomland forest and forested, scrub-shrub, and fringe emergent wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	U.S. Fish and Wildlife Service

Parcel 383 – (28.3 acres)

RLMP Allocation: Zone 5, Industrial

This parcel is located within the TNWR and is under a permanent industrial easement to Henry County, Tennessee, for an industrial site. The easement terms stipulate that no facilities will be constructed and no shippers will be admitted to the barge terminal without prior written approval by TVA and the USFWS. Since the industrial site is currently vacant, Henry County, TVA, and USFWS agreed to an interim use of the property for a public launching ramp, courtesy pier, and associated parking. The property remains allocated for industrial use to reflect the permanent industrial easement. There is a medium probability for the presence of cultural resources, but

the area has not been surveyed. Additional ground disturbance, either to support the interim recreation use or for new industrial development, would require an environmental review. Requests for use of TVA lands and associated water-based structures to support industrial purposes would be considered.

Table 4-383. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-NE
TVA D-Stage Map Numbers	80
Stream Mile and Bank	Big Sandy River mile 3.6L
Land Use/Land Cover	Deciduous forest, grasslands, and recreation
Current Agreements/Commitments	Permanent easement to Henry County, Tennessee, for a barge terminal and industrial site

Parcel 384 – (48.6 acres)

RLMP Allocation: Zone 6, Developed Recreation

This shoreline parcel is utilized for water oriented activities such as swimming, fishing, and boating. The back-lying property is former TVA property (XGIR-802 and XGIR-870) and was sold via Section 4(k)(a) of the TVA Act to the Reelfoot Girl Scout Council. The back-lying property is currently used as a group camp and future development is restricted to recreational purposes. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-384. Parcel Information

Location Component	Parcel Specific Information
County, State	Henry, Tennessee
TVA D-Stage Map Numbers	77
Stream Mile and Bank	Big Sandy River miles 2.9 to 3.4L

Parcel 385 – (56.5 acres)*RLMP Allocation: Zone 4, Natural Resource Conservation*

This parcel is located along the right descending bank of Eagle Creek, a tributary to the Big Sandy River. A portion of the east side of the parcel is adjacent to the TNWR boundary. The land cover of a majority of this parcel is deciduous upland hardwoods with interspersed loblolly pine stands. This parcel contains minor fringe emergent wetlands that serve as riparian habitats along the shoreline. This parcel was the site of a former timber contract for pine plantation thinning operations. Access to the parcel is by boat and road. This parcel receives some hunting by adjoining landowners. No federally or state-listed species are known to occur on this parcel. There is a medium probability for the presence of cultural resources. There are existing facilities on this parcel that could be permissible under TVA's policies unless they are determined to be violations. However, requests for new private water use facilities would not be considered.

Table 4-385. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-NE
TVA D-Stage Map Numbers	77
Stream Mile and Bank	Big Sandy River mile 1.9L
Land Use/Land Cover	Fringe emergent wetlands, deciduous upland forest, and loblolly pine plantations
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Explore potential for additional loblolly pine thinning operations to enhance wildlife habitat
Potential Partners	None identified

Parcel 386 – (39.0 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the right descending bank of Eagle Creek, a tributary to the Big Sandy River. There are four recreation related agreements covering this parcel.

The eastern most or upstream portion of the parcel is under a revocable license to Buchanan Condominiums for commercial recreation. Boat slips front this portion of the parcel.

A commercial recreation easement (XGIR-867RE) extends between TVA markers 73–85 to 77–32. This easement area is managed as part of Buchanan Resort. Facilities on the easement area include a full service marina and boat-launching ramp.

Immediately downstream from the XGIR-867RE easement boundary, a revocable license has been issued to Pine Point Resort. Resort facilities include a marina, boat-launching ramp, and campground.

TVA developed the Big Eagle Recreation Area on the portion of this parcel beginning at TVA marker 77–27. This facility is now operated by the private sector under a revocable license agreement for commercial recreation. Amenities in this area include a campground, picnic area, swimming beach, and boat-launching ramp.

An undeveloped section of the parcel situated between Pine Point Resort and Big Eagle Recreation Area could potentially accommodate expansion of commercial recreation services. The undeveloped areas have a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-386. Parcel Information

Location Component	Parcel Specific Information
County, State	Henry, Tennessee
TVA D–Stage Map Numbers	73 and 77
Stream Mile and Bank	Big Sandy River mile 1.9L

Parcel 387 – (7.9 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of a contiguous tract of land and is located along the right descending bank of Eagle Creek, a tributary to the Big Sandy River. The parcel extends between Parcel 386 and TVA markers 73–10. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-387. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–NE
TVA D–Stage Map Numbers	73
Stream Mile and Bank	Big Sandy River mile 1.9L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–281
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 388 – (243.7 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This large parcel consists of two tracts of land and is located along both banks of Eagle Creek, a tributary to the Big Sandy River. The land cover of a majority of this parcel is deciduous upland hardwoods with interspersed loblolly pine stands. This parcel contains various types of wetlands that serve as riparian habitats along the shoreline. This parcel has established embankment plantings for erosion control for relocated road embankments. This area was also the site of previous pine plantation thinning operations. Access to the parcel is by boat and via several public roads. This parcel receives hunting for small and big game and waterfowl and is also utilized for wildlife observation. No federally or state-listed species are known to occur on this parcel. There is a medium probability for the presence of cultural resources, but it has not been adequately surveyed. There are existing facilities on this parcel that could be permissible

under TVA’s policies unless they are determined to be violations. However, requests for new private water use facilities would not be considered.

Table 4-388. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-NE and 19-NW
TVA D-Stage Map Numbers	73
Stream Mile and Bank	Big Sandy River mile 1.0L
Land Use/Land Cover	Forested, scrub-shrub, and fringe emergent wetlands; deciduous upland and bottomland forests; loblolly pine plantations; and historic hardwood tree plantings
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to Southern Bell for telephone lines • Revocable license to Henry County Utilities for electric utilities
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Forestry assessment of loblolly pine stands for management needs • Continue forestry thinning operations in loblolly pine plantations to enhance wildlife habitat • Manage pine stands for Indiana bat habitat • Enhance wildlife observation opportunities
Potential Partners	<ul style="list-style-type: none"> • U.S. Fish and Wildlife Service • Tennessee Wildlife Resources Agency

Parcel 389 – (24.4 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of six small tracts of land containing portions of US-79 and TSR-76. Three tracts of land are located adjacent to Eagle Creek; two tracts are located adjacent to Little Eagle Creek; and one tract is located adjacent to the Tennessee River. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-389. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
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Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–NW and 19–NE
TVA D–Stage Map Numbers	73, 74, and 75
Stream Mile and Bank	Eagle Creek mile 2.8B Little Eagle Creek mile 0.6B TRM 66.3L
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easement to Tennessee Department of Transportation for a roadway • Revocable license to Tennessee Department of Transportation for a vehicular bridge
Potential Projects	None identified
Potential Partners	None identified

Parcel 390 – (3.7 acres)

RLMP Allocation: Zone 7, Shoreline Access

This very small parcel is located along the right descending bank of Eagle Creek, a tributary to the Big Sandy River. The parcel extends between TVA markers 73–76 to Parcel 389. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a medium probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. However, water use facilities will be limited to in size and nature due to the small size of this parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-390. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–NW
TVA D–Stage Map Numbers	73–D
Stream Mile and Bank	Eagle Creek mile 2.8R
Land Use/Land Cover	Deciduous forest
Fronts Former TVA Tract (s)	XGIR–280
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Revocable license to a private individual for electric utilities

Parcel 391 – (39.2 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of three noncontiguous tracts of land and is located along the left descending bank of Eagle Creek, a tributary to the Big Sandy River. The three tracts extend among TVA markers 73–90 to 73–87; 73–89 to 73–107; and 73–105 to 73–86. It is traversed by US-79. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a medium probability for the presence of cultural resources, but the parcel has not been surveyed. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-391. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–NW
TVA D–Stage Map Numbers	73
Stream Mile and Bank	Eagle Creek mile 2.5L
Land Use/Land Cover	Deciduous forest
Fronts Former TVA Tract (s)	XGIR–279
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Revocable license to Southern Bell Telephone and Telegraph Company for telephone lines

Parcel 392 – (49.6 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of four noncontiguous tracts of land and is located along the left descending bank of Eagle Creek, a tributary to Big Sandy River. The four tracts extend among TVA markers 73–91 to 73–92; 73–94 to 73–97; 73–95 to 73–98; and 73–100 to 73–102. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting

mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-392. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-NE
TVA D-Stage Map Numbers	73
Stream Mile and Bank	Eagle Creek mile 2.1L
Land Use/Land Cover	Deciduous forest, maintained lawns, and historic hardwood tree plantings
Fronts Former TVA Tract (s)	XGIR-278
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to Southern Bell Telephone and Telegraph Company for telephone lines • Embankment plantings

Parcel 393 – (2.6 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of Eagle Creek and has been under a revocable license for commercial recreation. The parcel is currently undeveloped. However, its proximity to US-79 and location along a protected embayment make this parcel viable for future recreation development. There is a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-393. Parcel Information

Location Component	Parcel Specific Information
County, State	Henry, Tennessee
TVA D-Stage Map Numbers	73
Stream Mile and Bank	Eagle Creek mile 2L

Parcel 394 – (24.5 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of three noncontiguous tracts of land and is located along the left descending bank of Eagle Creek. The three tracts of land extend among TVA markers 73–104 to 74–167; 74–168 to 74–172; and 74–170 to Parcel 397. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-394. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-NE
TVA D-Stage Map Numbers	73 and 74
Stream Mile and Bank	Eagle Creek mile 1.9L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-273, XGIR-274, a portion of XGIR-275, XGIR-276, and XGIR-277
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 395 – (3.4 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank descending bank of Big Eagle Creek. The area is under a revocable license to Eagle Nest Marina for commercial recreation. Facilities on this parcel include a marina and restaurant. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-395. Parcel Information

Location Component	Parcel Specific Information
County, State	Henry, Tennessee
TVA D-Stage Map Numbers	74
Stream Mile and Bank	Eagle Creek mile 1.8L

Parcel 396 – (1.4 acres)*RLMP Allocation: Zone 6, Developed Recreation*

This parcel is located along the right descending bank of Little Eagle Creek, a tributary to Eagle Creek. The back-lying property is former TVA property (XTGIR-6) that was transferred to the State of Tennessee for public recreation. TWRA maintains a boat-launching ramp and parking area on this parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-396. Parcel Information

Location Component	Parcel Specific Information
County, State	Henry, Tennessee
TVA D–Stage Map Numbers	74
Stream Mile and Bank	Little Eagle Creek mile 0.1R

Parcel 397 – (14.1 acres)*RLMP Allocation: Zone 6, Developed Recreation*

This parcel is located along the right descending bank of Little Eagle Creek, and the northern boundary is adjacent to US-79. This parcel is under a commercial recreation easement (XTGIR-920RE) and has been developed as part of Little Eagle Creek RV Park. Facilities include a campground and boat-launching ramp.

Table 4-397. Parcel Information

Location Component	Parcel Specific Information
County, State	Henry, Tennessee
TVA D–Stage Map Numbers	74
Stream Mile and Bank	Little Eagle Creek mile 0.5R

Parcel 398 – (83.0 acres)*RLMP Allocation: Zone 4, Natural Resource Conservation*

This parcel consists of two tracts of land and is located along both banks of Little Eagle Creek, a tributary to Eagle Creek. The land cover of this parcel is bottomland hardwoods; loblolly pine; forested bottomland wetlands; and diverse shoreline scrub-shrub, fringe, and emergent wetlands. This parcel has established embankment plantings for erosion control along relocated

road embankments. This parcel was also the site of a former timber contract for pine plantation thinning operations. Access to the parcel is by boat and public roads. This parcel receives hunting for small and big game and waterfowl and is also used for wildlife observation. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-398. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-NE
TVA D-Stage Map Numbers	74
Stream Mile and Bank	Little Eagle Creek mile 0.6 to 1B
Land Use/Land Cover	Forested, scrub-shrub, fringe, and emergent wetlands; deciduous upland forest; bottomland forest; loblolly pine plantations; and historic hardwood tree plantings
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to Southern Bell for telephone lines • Revocable license to Henry County, Tennessee Utilities for electric utilities
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Forestry assessment of loblolly pine stands for management needs • Continue forestry thinning operations in loblolly pine plantations to enhance wildlife habitat • Manage pine stands for Indiana bat habitat • Enhance wildlife observation opportunities • Embankment planting research
Potential Partners	<ul style="list-style-type: none"> • U.S. Fish and Wildlife Service • Tennessee Wildlife Resources Agency

Parcel 399 – (16.0 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of Little Eagle Creek and is north of US-79. The parcel extends between TVA markers 74-24 to Parcel 389. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a medium probability

for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-399. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-NE
TVA D-Stage Map Numbers	74
Stream Mile and Bank	Little Eagle Creek mile 0.6L
Land Use/Land Cover	Deciduous forest
Fronts Former TVA Tract (s)	XGIR-272
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	Revocable license to Southern Bell Telephone and Telegraph Company for telephone lines

Parcel 400 – (292.7 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel includes all TVA lands located adjacent to Paris Landing State Park. This parcel is under recreation easements (XTGIR-113E and XTGIR-119RE) to the State of Tennessee, and the property is managed as part of the park. Recreation facilities at Paris Landing State Park include a golf course, motel, rental cabins, restaurant, marina, boat-launching ramps, campground, and day use facilities. The northern portion of this parcel also includes a 4.8-acre area under a revocable license with Riverdale Resort. The undeveloped areas have a medium probability for the presence of cultural resources, but the area has not been surveyed.

Table 4-400. Parcel Information

Location Component	Parcel Specific Information
County, State	Henry, Tennessee
TVA D-Stage Map Numbers	74
Stream Mile and Bank	TRMs 66 to 68L

Parcel 401 – (4.4 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel is under a revocable license to the U.S. Coast Guard. The U.S. Coast Guard utilizes this land to store maintenance equipment, maintain office space, and associated parking. A loading dock, launching ramp, mooring pier, and wave break are present along the shoreline. Consistent with the contractual agreement, development of this parcel would be restricted to support the operations of the U.S. Coast Guard. There is a low probability for the presence of cultural resources, but the area has not been surveyed. Requests for private water use facilities would not be considered.

Table 4-401. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-NE
TVA D-Stage Map Numbers	74
Stream Mile and Bank	TRM 66.1L
Land Use/Land Cover	Maintenance facility and associated structures
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Revocable license to the U.S. Coast Guard for a maintenance facility
Potential Projects	Systematic survey for historic properties
Potential Partners	None identified

Parcel 402 – (17.9 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of three noncontiguous tracts of land and is located along the left descending bank of TRM 65. The three tracts of land extend among TVA markers 71-16 to 71-15; 71-44 to 71-45; and Parcel 403 to TVA marker 71-50. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Lookout Point and Swan Estates subdivisions are located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-402. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-NE
TVA D-Stage Map Numbers	71
Stream Mile and Bank	TRM 65L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-270, XGIR-271, XGIR-287, and XGIR-288
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 403 – (1.2 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the right descending bank of the Swan Bay inlet. The back-lying property is former TVA property (XTGIR-4) that was transferred to the State of Tennessee for public recreation. TWRA maintains a boat-launching ramp and parking area on the property. There is a medium probability for the presence of cultural resources, but the area has not been surveyed.

Table 4-403. Parcel Information

Location Component	Parcel Specific Information
County, State	Henry, Tennessee
TVA D-Stage Map Numbers	71
Stream Mile and Bank	TRM 65L

Parcel 404 – (34.3 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel consists of two tracts of land and is located north of Paris Landing State Park. The land cover for this parcel is bottomland forests with forested, scrub-shrub, fringe, and emergent wetlands that serve as riparian habitats along the shoreline. Access to the parcel is by boat and unapproved access roads. This parcel receives hunting for small and big game and is used for camping. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. Requests for private water use facilities would not be considered.

Table 4-404. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-NE
TVA D-Stage Map Numbers	71
Stream Mile and Bank	TRM 65L
Land Use/Land Cover	Bottomland forest and forested, scrub-shrub, fringe, and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting and camping
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Dispersed recreation inventory
Potential Partners	None identified

Parcel 405 – (14.1 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is situated along the left descending bank of the Swan Bay inlet. A portion of the parcel is under license to The Breakers of Swan Bay for commercial recreation. The amenities include a marina, boat-launching ramp, fishing pier, rental cabins, restaurant, and play courts. The parcel could potentially accommodate expansion of the licensed area. The undeveloped portions have a medium probability for the presence of cultural resources, but the area has not been surveyed. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-405. Parcel Information

Location Component	Parcel Specific Information
County, State	Henry, Tennessee
TVA D-Stage Map Numbers	71
Stream Mile and Bank	TRM 65L

Parcel 406 – (162.1 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along the left descending bank of the Tennessee River. A majority of this parcel features upland deciduous forests with some scattered loblolly pine plantations present. This parcel also features some scattered scrub-shrub, fringe, and emergent wetlands that serve as riparian habitats in the back of coves. Access to the parcel is by boat and some unapproved access roads. There is an informal boat launch at the end of Beech Drive. A dispersed recreation inventory was conducted over this parcel in 2007. The results of the inventory identified three dispersed recreation use sites along the shoreline of this parcel. At that time, site impacts were considered minimal and were not candidates for management actions. This parcel is reported to receive substantial public use for bank fishing, hunting, boat launching, and abuse from unauthorized ATV use in some locations. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. There are existing facilities on this parcel that could be permissible under TVA's policies unless they are determined to be violations. However, requests for new private water use facilities would not be considered.

Table 4-406. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-NE
TVA D-Stage Map Numbers	70 and 71
Stream Mile and Bank	TRMs 62.9 to 64.7L
Land Use/Land Cover	Deciduous forest, loblolly pine plantations, and scrub-shrub, fringe, and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting, bank fishing, and boat launching
Current Agreements/Commitments	Revocable license to Henry County, Tennessee, Utilities for electric utilities
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Continued efforts to eliminate unauthorized ATV use
Potential Partners	None identified

Parcel 407 – (14.5 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of a contiguous tract of land and is located along the right descending bank of Prairie Branch and Cypress Creek. The parcel extends between TVA markers 70–93CC to 70–11F. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. TVA–developed Cypress Creek Subdivision is located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-407. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–NE
TVA D–Stage Map Numbers	70
Stream Mile and Bank	TRM 62.8L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–4
Structure Profile	Varies
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 408 – (10.1 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along the right descending bank of Cypress Creek and at the confluence with the Tennessee River. The land cover of this parcel is upland deciduous forests. Access to the parcel is by boat and from adjacent residential developments. This parcel receives some public use and it is surrounded by residential development. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-408. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-NE
TVA D-Stage Map Numbers	70
Stream Mile and Bank	TRM 62.6L
Land Use/Land Cover	Upland deciduous forest
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Revocable license to Henry County, Tennessee, Utilities for electric utilities
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 409 – (40.6 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of a contiguous tract of land and is located along the right descending bank of Cypress Creek. The parcel extends between TVA markers 70-93CC to Parcel 410. This parcel lies mostly below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources, but the parcel has not been surveyed. TVA-developed Cypress Creek Subdivision is located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-409. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-NE
TVA D-Stage Map Numbers	70
Stream Mile and Bank	TRM 62.8L
Land Use/Land Cover	Deciduous forest and maintained lawns

Location Component and Public Involvement Opportunities	Parcel Specific Information
Fronts Former TVA Tract (s)	XGIR-4 and XGIR-267
Structure Profile	Varies
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 410 – (9.1 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the right descending bank of Cypress Creek. The back-lying property is former TVA property (XTGIR-3) that was transferred to the State of Tennessee for public recreation. TWRA maintains a boat-launching ramp and parking area on the parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-410. Parcel Information

Location Component	Parcel Specific Information
County, State	Henry, Tennessee
TVA D-Stage Map Numbers	69
Stream Mile and Bank	TRM 62.7L

Parcel 411 – (18.5 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along the right descending bank of Cypress Creek at Prairie Branch. The land cover of a majority of this parcel is bottomland forests with some scattered loblolly pine plantations present. This parcel also features some scattered scrub-shrub, fringe, and emergent wetlands that serve as riparian habitats. Previously, loblolly pine plantation forestry thinning operations have been conducted at two sites within the parcel. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions.

Access to the parcel is by boat and some public roads in nearby developed areas. This parcel receives limited public use and is surrounded by recreational and residential developments. There is evidence of some unauthorized ATV use along portions of the shoreline that are exposed during winter months. No federally or state-listed species are known to occur on the

parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-411. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-NE
TVA D-Stage Map Numbers	69
Stream Mile and Bank	TRM 63L
Land Use/Land Cover	Bottomland forest, loblolly pine plantations, scrub-shrub, fringe, and emergent wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Continued efforts to eliminate unauthorized ATV use
Potential Partners	None identified

Parcel 412 – (40.1 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts of land and is located along the right descending bank of Cypress Creek. The two tracts of land extend among TVA marker 69-42 to Parcel 413 and Parcel 413 to 69-11. This parcel lies entirely below the 375-foot msl, and the current land use deciduous forest and maintained lawns. There is a medium to high probability for the presence of cultural resources. Cherry Island Subdivision is located on a portion of the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-412. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-NE
TVA D-Stage Map Numbers	69 and 70

Location Component and Public Involvement Opportunities	Parcel Specific Information
Stream Mile and Bank	Cypress Creek
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-266
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 413 – (2.2 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the right descending bank of Cypress Creek and is under a revocable license to Cypress Creek Resort for commercial recreation. Facilities at this commercial recreation area include a marina, boat-launching ramp, fishing pier, and rental cabins. There is a low probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-413. Parcel Information

Location Component	Parcel Specific Information
County, State	Henry, Tennessee
TVA D-Stage Map Numbers	69
Stream Mile and Bank	TRM 62.7L

Parcel 414 – (10.2 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel consists of two tracts of land and located along both banks of Cypress Creek and at the mouth of Henderson Branch and Betsy Branch tributaries. The land cover of a majority of this parcel features bottomland forests. This parcel also features some forested, scrub-shrub, fringe, and emergent wetlands that serve as riparian habitats. Embankment plantings have been established on portions of the parcel for erosion control along relocated road embankments. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions.

There is limited access to the parcel by boat and from adjacent properties. This parcel receives limited public use and is surrounded by residential development. No federally or state-listed species are known to occur on the parcel. There is a low probability for the presence of cultural

resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-414. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-NE
TVA D-Stage Map Numbers	65 and 69
Stream Mile and Bank	TRM 62.5L
Land Use/Land Cover	Historic hardwood tree plantings; bottomland forest; and forested, scrub-shrub, fringe, and emergent wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Embankment planting research
Potential Partners	None identified

Parcel 415 – (23.4 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts of land and is located along the both banks of Cypress Creek. The two tracts of land extend among TVA markers 69-26 to 69-27 and 69-31 to 69-38. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a medium probability for the presence of cultural resources, but the parcel has not been surveyed. The parcel is traversed by County Road 119 across Cypress Creek. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-415. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	17-SW

Location Component and Public Involvement Opportunities	Parcel Specific Information
TVA D–Stage Map Numbers	65 and 69
Stream Mile and Bank	TRM 62.5L
Land Use/Land Cover	Deciduous forest and historic hardwood tree plantings
Fronts Former TVA Tract (s)	XGIR–264 and XGIR–265
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	None identified

Parcel 416 – (1.0 acre)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of a small tract of land containing a portion of TSR-119. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-416. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19–NE
TVA D–Stage Map Numbers	65 and 69–D
Stream Mile and Bank	Cypress Creek mile 2.5B
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Permanent easement to Tennessee Department of Transportation for a roadway
Potential Projects	None identified
Potential Partners	None identified

Parcel 417 – (31.1 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along both banks of Cypress Creek. A majority of this parcel features bottomland forests. Cypress trees may be present in embankment plantings that were established to protect relocated road embankments. This parcel also features some bottomland forested, scrub-shrub, and fringe emergent wetlands that serve as riparian habitats. These wetlands also provide fish spawning and nursery habitat. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. There is access to the parcel via TSR-119 across Parcel 415. This parcel receives limited public

use for hunting. No federally listed species are known to occur on this parcel. There are two state-listed fish species have been located in Billie Branch, a tributary to Cypress Creek, which drains into this parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-417. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-NE
TVA D-Stage Map Numbers	65 and 69
Stream Mile and Bank	Cypress Creek mile 2.7B
Land Use/Land Cover	Historic hardwood tree plantings, bottomland forest, and forested, scrub-shrub, and fringe emergent wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Embankment planting research
Potential Partners	None identified

Parcel 418 – (21.3 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts of land and is located along the left descending bank of Cypress Creek and left descending bank of TRM 62.3. The two tracts extend among TVA markers 65-31 to 65-32 and 69-23 to 69-25. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources, but the parcel has not been surveyed.

Cypress Harbor and Harvest Hills subdivisions are located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-418. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky and Henry, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-NE
TVA D-Stage Map Numbers	65 and 69
Stream Mile and Bank	Cypress Creek mile 2.1L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-194, XGIR-195, and XGIR-264
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 419 – (6.4 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel consists of two tracts of land and is located along the north side of Cypress Creek. A majority of this parcel features bottomland and riparian forests. This parcel also features some forested, scrub-shrub, and fringe emergent wetlands that serve as riparian habitats along the shoreline. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. There is limited boat access to the parcel and some access from adjacent properties. This parcel receives limited public use due to its small size and because it is surrounded by recreational and residential developments. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-419. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Henry, Tennessee and Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	19-NE and 18-SE
TVA D-Stage Map Numbers	65
Stream Mile and Bank	Cypress Creek mile 1.7L
Land Use/Land Cover	Forested, scrub-shrub, and fringe emergent wetlands and bottomland and riparian forest
Known Dispersed Recreation Opportunities	Limited hunting
Current Agreements/Commitments	None identified

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 420 – (7.6 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of Cypress Creek and is bisected by Cypress Trail Road or old KSR-121. A portion of the parcel is under a revocable license to Cypress Springs Resort for commercial recreation. Resort facilities currently include a marina, boat-launching ramp, motel, and restaurant. The portion of the parcel, upstream of Cypress Trail road, is currently undeveloped and could be made available for expansion of commercial recreation facilities. The undeveloped area has a medium probability for the presence of cultural resources, but the area has not been surveyed. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-420. Parcel Information

Location Component	Parcel Specific Information
County, State	Calloway, Kentucky and Henry, Tennessee
TVA D–Stage Map Numbers	65
Stream Mile and Bank	Cypress Creek mile 1.6L

Parcel 421 – (12.2 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of three noncontiguous tracts of land and is located along the left descending bank of Cypress Creek. The three tracts of land extend among TVA marker 65–111 to Parcel 420; TVA marker 65–29 to Parcel 419; and TVA marker 65–28 to Parcel 422. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources, but the parcel has not been surveyed. H.B. Bailey Subdivision is located on a portion of the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or

other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-421. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18-SE and 19-NE
TVA D-Stage Map Numbers	65
Stream Mile and Bank	Cypress Creek mile 1.4L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-192, XGIR-193 and XGIR-700
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 422 – (18.5 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of Cypress Creek. The southern portion of this parcel is under a revocable license to Lakeview RV Resort for commercial recreation. This commercial recreation area provides camping and boat launching facilities. The northern portion of the parcel (extending between TVA markers 65-14 to 65-112) is under a revocable license to Lakeview Cottages for commercial recreation. This resort includes a marina, boat-launching ramp, swimming beach, picnic facilities, campground, and rental cabins. There is a low to medium probability for the presence of cultural resources, but the parcel has not been surveyed. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-422. Parcel Information

Location Component	Parcel Specific Information
County, State	Calloway, Kentucky
TVA D-Stage Map Numbers	65
Stream Mile and Bank	Cypress Creek mile 1L

Parcel 423 – (14.2 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along the left descending bank of Cypress Creek. A majority of this parcel features bottomland forests and high quality forested, scrub-shrub, and fringe emergent wetlands that serve as riparian habitats. Embankment plantings have been established on portions of the parcel for erosion control along relocated road embankments. Access to the parcel is by boat with some limited access and public use from adjoining landowners. This parcel does receive some unauthorized ATV use and dumping of trash and litter. No federally or state-listed species are known to occur on this parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-423. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18-SE
TVA D-Stage Map Numbers	65
Stream Mile and Bank	Cypress Creek mile 0.8L
Land Use/Land Cover	Historic hardwood tree plantings; bottomland forest; and forested, scrub-shrub and fringe emergent wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Embankment planting research • Continued efforts to eliminate unauthorized ATV use and address dumping of trash and litter
Potential Partners	None identified

Parcel 424 – (15.3 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of Cypress Creek and is under a revocable license to Missing Hill Resort for commercial recreation. This commercial recreation area includes a marina, swimming beach, picnic area, camping facilities, and rental cabins. There is a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-424. Parcel Information

Location Component	Parcel Specific Information
County, State	Calloway, Kentucky
TVA D–Stage Map Numbers	65
Stream Mile and Bank	Cypress Creek mile 0.7L

Parcel 425 – (120.1 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along the left descending bank Cypress Creek. The land cover of a majority of this parcel is upland deciduous forests with some scattered native pine present. This parcel also features some scattered scrub-shrub and fringe emergent wetlands that serve as riparian habitats. Access to the parcel is by boat and unimproved trails off a nearby public road. This parcel receives use by small and big game hunters and is used for camping. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. Historically, two land use permits were granted to KDFWR for wildlife management purposes. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-425. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	118–SE
TVA D–Stage Map Numbers	65 and 66
Stream Mile and Bank	Cypress Creek miles 0.1 to 0.7L

Location Component and Public Involvement Opportunities	Parcel Specific Information
Land Use/Land Cover	Upland deciduous forest, scattered native pine trees, and scrub-shrub and fringe emergent wetlands
Known Dispersed Recreation Opportunities	Hunting and camping
Current Agreements/Commitments	Land use permit to Kentucky Department of Fish and Wildlife Resources for management purposes
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Complete Lands Condition Assessments to determine other needs • Small scale timber harvests to diversify wildlife habitat • Continued efforts to eliminate unauthorized ATV use
Potential Partners	Kentucky Department of Fish and Wildlife Resources

Parcel 426 – (28.1 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This parcel is located along the left descending bank of Cypress Creek at the confluence with the Tennessee River. The land cover of a majority of this parcel is upland deciduous forests with some scattered native pine present. Access to the parcel is by boat and from Fort Heiman Road. This parcel receives limited use due to relatively steep shoreline that precludes most reservoir/boat access. No federally or state-listed species are known to occur on the parcel. There is a historic site, Fort Heiman, located on the parcel. There is a high probability for the presence of cultural resources. In addition, this parcel contains a designated safety harbor for commercial barges and recreational boats during adverse weather conditions or equipment malfunction. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-426. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18–SE and 19–NE
TVA D–Stage Map Numbers	66
Stream Mile and Bank	TRM 62.6L

Location Component and Public Involvement Opportunities	Parcel Specific Information
Land Use/Land Cover	Upland deciduous forest and scattered native pine trees
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for a wildlife management area
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Fort Heiman initiatives • Potential combination of the wildlife management area with Fort Heiman designation and future cultural resources initiatives
Potential Partners	Kentucky Department of Fish and Wildlife Resources

Parcel 427 – (4.6 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small island parcel is located at TRM 62. The land cover of a majority of this parcel features riparian forested, scrub-shrub, and fringe emergent wetlands that serve as riparian habitats. Access to the parcel is by boat only; therefore, public use is limited primarily to waterfowl hunting. No federally or state-listed species are known to occur on the parcel. However, the island parcel may be used by nesting wading and/or water birds including double-crested cormorants. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-427. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Stewart, Tennessee
Topographic Map (Sheet No. and Quadrant)	19-NE
TVA D-Stage Map Numbers	67
Stream Mile and Bank	TRMs 62.1 to 62.3R
Land Use/Land Cover	Riparian forest and forested, scrub-shrub, and fringe emergent wetlands
Known Dispersed Recreation Opportunities	Waterfowl hunting
Current Agreements/Commitments	None identified

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Assess islands for wading/water bird impacts on island vegetation
Potential Partners	<ul style="list-style-type: none"> • Tennessee Wildlife Resources Agency • U.S. Department of Agriculture Wildlife Services

Parcel 428 – (476.6 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This large parcel is located along the left descending bank of the Tennessee River between Fort Heiman Cemetery and Yellow Spring Branch. The land cover of a majority of this parcel is upland hardwoods and bottomland forests with some scattered loblolly pine plantations present. This parcel also features some high quality forested, scrub-shrub, and fringe emergent wetlands that serve as riparian habitats. Access to the parcel is by boat and some public roads in nearby developed areas. This large parcel receives substantial use for small and big game hunting, camping, bank fishing, and unauthorized ATV use. The property below the 375-foot msl is under a revocable license agreement to KDFWR for wildlife management. No federally or state-listed species are known to occur on this parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-428. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18-SE
TVA D-Stage Map Numbers	62 and 66
Stream Mile and Bank	TRMs 59.8 to 61.8L
Land Use/Land Cover	Upland hardwoods, bottomland forest, scattered loblolly pine plantations, and forested, scrub-shrub and fringe emergent wetlands
Known Dispersed Recreation Opportunities	Hunting, bank fishing, and camping
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for wildlife management purposes

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Continued efforts to eliminate unauthorized ATV use • Onsite coordination and management in concert with Kentucky Department of Fish and Wildlife Resources • Conduct scattered timber harvests to provide wildlife habitat diversity
Potential Partners	Kentucky Department of Fish and Wildlife Resources

Parcel 429 – (3.2 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located near the mouth of the Shannon Creek and includes a public boat-launching ramp and parking area. The facility was developed by TVA and is currently managed by the KDFWR under a license agreement. The undeveloped areas have a medium probability for the presence of cultural resources, but the area has not been surveyed. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-429. Parcel Information

Location Component	Parcel Specific Information
County, State	Calloway, Kentucky
TVA D–Stage Map Numbers	66
Stream Mile and Bank	TRM 60.4L

Parcel 430 – (46.7 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel consists of several forested islands located between TRMs 55.6 and 60.5. The islands contain riparian bottomland hardwoods, scrub-shrub and fringe emergent wetlands. Access to the parcel is by boat only; therefore, public use is limited to waterfowl hunting and camping. No federally or state-listed as listed endangered, threatened or special status species are known to occur on the parcel. This parcel receives extensive use by nesting wading and/or water birds especially double-crested cormorants. These islands are under a revocable license

to KDFWR for wildlife management. There is a high probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-430. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18-SE
TVA D-Stage Map Numbers	60,62, and 66
Stream Mile and Bank	TRMs 55.6 to 60.5B
Land Use/Land Cover	Forested islands, bottomland hardwoods, and forested, scrub-shrub and fringe emergent wetlands
Known Dispersed Recreation Opportunities	Waterfowl hunting and camping
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for wildlife management
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Coordinate cultural resources management activities with Kentucky Department of Fish and Wildlife Resources • Assess islands for wading/water bird impacts on island vegetation • Potential shoreline stabilization
Potential Partners	<ul style="list-style-type: none"> • Kentucky Department of Fish and Wildlife Resources • U. S. Department of Agriculture Wildlife Services

Parcel 431 – (74.6 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of TRM 59. The tract of land extends between TVA markers 62-35 to 62-39. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources, but the parcel has not been surveyed. Crawford’s Landing Subdivision is located on a portion of the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-431. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18-SE
TVA D-Stage Map Numbers	62
Stream Mile and Bank	TRM 59L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-188; XGIR-189, XGIR-190, and XGIR-196
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to the Commonwealth of Kentucky for a wildlife management area

Parcel 432 – (17.7 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel consists of one tract and is located along both banks of Keg Creek. A majority of this parcel is high quality forested, scrub-shrub, and emergent wetlands that serve as riparian habitats. Access to the parcel is by boat; therefore, public use is limited. This parcel also serves as a visual buffer from nearby shoreline development. This small parcel receives some use for small and big game hunting, waterfowl hunting, and wildlife observation. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-432. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18-SE
TVA D-Stage Map Numbers	62
Stream Mile and Bank	TRM 58.6L
Land Use/Land Cover	Forested, scrub-shrub and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for a wildlife management area

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Coordinate cultural resources management activities with Kentucky Department of Fish and Wildlife Resources • Wetlands and wildlife observation enhancement • Forest management to enhance wildlife habitat
Potential Partners	Kentucky Department of Fish and Wildlife Resources

Parcel 433 – (30.6 acres)

RLMP Allocation: Zone7, Shoreline Access

This parcel is located along the left descending bank of TRM 58. The parcel extends between TVA markers 60–45 to 62–34. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources, but the parcel has not been surveyed. Bailey Lakefront Estates Subdivision is located on a portion of the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-433. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18-SE
TVA D-Stage Map Numbers	60 and 62
Stream Mile and Bank	TRM 58L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-186 and XGIR-187
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to the Commonwealth of Kentucky for a wildlife management area

Parcel 434 – (52.7 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along the left descending bank of the Tennessee River. The land cover of a majority of this parcel is high quality forested, scrub-shrub, and emergent wetlands. Access to the parcel is by boat; therefore, public use is limited. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. No federally or state-listed species are known to occur on the parcel. However, there is an active bald eagle nest on the parcel. There is a medium probability for the presence of cultural resources, but only a portion of the area has been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-434. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18-SE
TVA D-Stage Map Numbers	60
Stream Mile and Bank	TRM 57.6L
Land Use/Land Cover	Forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for wildlife management purposes
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Coordinate cultural resources management activities with Kentucky Department of Fish and Wildlife Resources • Wetlands enhancement • Forest management to enhance wildlife habitat
Potential Partners	Kentucky Department of Fish and Wildlife Resources

Parcel 435 – (35.5 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts of land and is located along the left descending bank of TRM 57. The two tracts of land extend among TVA markers 60–24 to 60–33 and 60–43 to 60–44. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources, but the parcel has not been surveyed. Redwater Estates and Oakshores Subdivision are located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific programmatic and environmental review.

Table 4-435. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18–SE
TVA D–Stage Map Numbers	60
Stream Mile and Bank	TRM 57L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–183, XGIR–184, and XGIR–185
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to the Commonwealth of Kentucky for a wildlife management area

Parcel 436 – (47.1 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of TRM 55.5. The parcel extends between TVA markers 54–40 to 60–42. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. Aldora, Pine Bluff Shores, Keniana Lakeshores, and Redwater Estates subdivisions are located on the back-lying private property. There is a medium probability for the presence of cultural resources, but the parcel has not been surveyed. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or

other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-436. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18-SE
TVA D-Stage Map Numbers	54 and 60
Stream Mile and Bank	TRM 55.5L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-182, XGIR-183, XGIR-774, and XGIR-775
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to the Commonwealth of Kentucky for a wildlife management area

Parcel 437 – (6.2 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the right descending bank of Boyd’s Branch at the confluence with the Tennessee River. TVA developed a public boat-launching ramp and parking area at this location which is managed under a revocable license with KDFWR for public recreation. There is a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-437. Parcel Information

Location Component	Parcel Specific Information
County, State	Calloway, Kentucky
TVA D-Stage Map Numbers	53
Stream Mile and Bank	TRM 54.5L

Parcel 438 – (38.3 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of Boyd’s Branch and left descending bank of the Tennessee River. The parcel extends between TVA markers 53–40 to 54–41. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Aldora Subdivision is located on a portion of the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific programmatic and environmental review.

Table 4-438. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18–SE
TVA D–Stage Map Numbers	54
Stream Mile and Bank	TRM 54.5L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–181, XGIR–182, and XGIR–548
Structure Profile	Varies
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to the Commonwealth of Kentucky for a wildlife management area

Parcel 439 – (25.1 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along both banks of Boyd’s Branch. The land cover of a majority of this parcel is high quality forested, scrub-shrub, and emergent wetlands that serve as riparian habitats. Access to the parcel is by boat; therefore, public use is somewhat limited. Wildlife observation and hunting for small and big game and waterfowl does occur on the parcel. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. No federally listed species are known to occur on this parcel. The green treefrog is listed as special concern in Kentucky and has been found on this parcel. There is a medium probability for the presence of cultural resources. No existing

shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-439. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18-SE
TVA D-Stage Map Numbers	54
Stream Mile and Bank	TRM 54.5L
Land Use/Land Cover	Forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting and wildlife observation opportunities
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for a wildlife management area
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Coordinate cultural resources management activities with Kentucky Department of Fish and Wildlife Resources • Wetlands enhancement • Forest management to enhance wildlife habitat
Potential Partners	Kentucky Department of Fish and Wildlife Resources

Parcel 440 – (56.1 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of three noncontiguous tracts of land and is located along the left descending bank of Boyd’s Branch. The three tracts of land extend among TVA markers 50–16 to 50–15; 50–14 to 53–43; and 53–6 to 53–9. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. Ken Shores Estates and Howard’s Bluff subdivisions are located on the back-lying private property. There is a medium probability for the presence of cultural resources. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-440. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18-SE
TVA D-Stage Map Numbers	50 and 54
Stream Mile and Bank	TRM 54L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-179, XGIR-180, and XGIR-706
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to the Commonwealth of Kentucky for a wildlife management area

Parcel 441 – (17.2 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel consists of two tracts of land and is located along the left descending bank of Boyd’s Branch. The land cover of this parcel is a mixture of upland hardwoods and grasslands. Access to the parcel is by boat and from Chandler Lane Road. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. This small parcel receives some camping, swimming, bank fishing, and unauthorized ATV use. Dumping of trash and litter has also been problematic on the parcel. No federally listed species are known to occur on the parcel. The western pigmy rattlesnake (*Sistrurus miliarius streckeri*) is listed as threatened in Kentucky and has been found on this parcel. There is a medium probability for the presence of cultural resources on the southern portion of this parcel. The northern portion of this parcel has a low probability for the presence of cultural resources. There are existing facilities on this parcel that could be permissible under TVA’s policies unless they are determined to be violations. However, requests for new private water use facilities would not be considered.

Table 4-441. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18-SE
TVA D-Stage Map Numbers	50 and 54
Stream Mile and Bank	TRM 53.7 and 54.5L
Land Use/Land Cover	Upland hardwoods

Location Component and Public Involvement Opportunities	Parcel Specific Information
Known Dispersed Recreation Opportunities	Camping, swimming, and bank fishing
Current Agreements/Commitments	Revocable license agreement to the Commonwealth of Kentucky for wildlife management
Potential Projects	<ul style="list-style-type: none"> • Continued efforts to eliminate unauthorized ATV use and trash dumping • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Conduct limits of acceptable change analysis to determine extent of dispersed use impacts • Mitigate unauthorized ATV usage impacts
Potential Partners	None identified

Parcel 442 – (851.4 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This large parcel is located along the right descending bank of Blood River and extends from the confluence with the Tennessee River to approximately Blood River mile 5. The land cover this parcel is predominantly mixed pine/hardwood upland forest. There are some high quality forested, scrub-shrub and emergent wetlands that serve as riparian habitats. The wetland areas are located mainly in the back of coves and inlets along the shoreline.

Access to the parcel is by boat and public roads. Winchester Cemetery Road also crosses into TVA property on the upstream portion of this parcel. There is also an access corridor known as the Jennings Trail, which bisects large portions of the northern end of this parcel. Camping and bank fishing occur along Alexander Lane and Carlson Drive. In addition, extensive small and large game hunting occurs on the parcel. A dispersed recreation inventory has been conducted on this parcel. The analyses identified two areas, located between Blood River miles 4 and 5, having moderate impacts and are considered candidates for management actions.

No federally listed species are known to occur on the parcel. The midland smooth softshell turtle is listed as special concern in Kentucky and has been found in Blood River adjacent to the parcel. There is a high probability for the presence of cultural resources, but only a portion of the area has been surveyed. There are existing facilities on this parcel that could be permissible under TVA's policies unless they are determined to be violations. However, requests for new private water use facilities would not be considered.

Table 4-442. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18–SE and 18–NE
TVA D–Stage Map Numbers	49, 50, and 53
Stream Mile and Bank	Blood River miles 0 to 5R
Land Use/Land Cover	Forested, scrub-shrub, and emergent wetlands; and mixed pine and upland hardwood forest
Known Dispersed Recreation Opportunities	Hunting, camping, and bank fishing
Current Agreements/Commitments	Land use permit to the U.S. Army Reserve Officer Training Corps (ROTC) for field exercises
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Coordinate cultural resources management activities with Kentucky Department of Fish and Wildlife Resources • Determine status and use of Jennings Trail • Forest management to enhance wildlife habitat • Dispersed use trails development • Address all terrain vehicle use • Monitor for dispersed recreational impacts
Potential Partners	Kentucky Department of Fish and Wildlife Resources

Parcel 443 – (59.0 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of Blood River. The parcel extends between TVA markers 56–69 to 53–33. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. Hurley Riley Subdivision is located on the back-lying private property. There is a high probability for the presence of cultural resources. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-443. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky

Location Component and Public Involvement Opportunities	Parcel Specific Information
Topographic Map (Sheet No. and Quadrant)	18–SE and 18–SW
TVA D–Stage Map Numbers	53 and 56
Stream Mile and Bank	Blood River mile 5.5R
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–175
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to Commonwealth of Kentucky for a wildlife management area

Parcel 444 – (41.8 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel consists of two noncontiguous tracts of land and is located along Blood River and Grindstone Creek. The land cover of this parcel is high quality bottomland hardwoods; loblolly pine plantations; and forested, scrub-shrub, and emergent wetlands. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. There are embankment plantings established for erosion control that front relocated public road embankments.

Access to the parcel is by boat; therefore, public use is limited. This small parcel receives some small and big game and waterfowl hunting. No federally or state-listed as listed endangered, threatened or special status species are known to occur on the parcel. There is a high probability for the presence of cultural resources, but only a portion of the area has been surveyed. There are existing facilities on this parcel that could be permissible under TVA’s policies unless they are determined to be violations. However, requests for new private water use facilities would not be considered.

Table 4-444. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18–SE
TVA D–Stage Map Numbers	56
Stream Mile and Bank	Blood River miles 6 to 6.3R
Land Use/Land Cover	Historic hardwood tree plantings; bottomland hardwoods, loblolly pine plantations, and forested, scrub-shrub and emergent wetlands

Location Component and Public Involvement Opportunities	Parcel Specific Information
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to the Commonwealth of Kentucky for a wildlife management area • Revocable license to West Kentucky Rural Electric Cooperative for electric utilities
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Coordinate cultural resources management activities with Kentucky Department of Fish and Wildlife Resources • Wetlands enhancement • Forest management to enhance wildlife habitat diversity • Embankment plantings research
Potential Partners	Kentucky Department of Fish and Wildlife Resources

Parcel 445 – (36.6 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts of land and is located along the right descending bank of the Blood River. The two tracts of land extend among TVA markers 56–111 to 56–110 and 56–61 to 56–14. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a high probability for the presence of cultural resources, but the parcel has not been surveyed. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. There is one record of a bald eagle nest within this parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-445. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18–SE and 18–SW
TVA D–Stage Map Numbers	56
Stream Mile and Bank	Blood River mile 6R
Land Use/Land Cover	Deciduous forest, maintained lawns, and historic hardwood tree plantings

Location Component and Public Involvement Opportunities	Parcel Specific Information
Fronts Former TVA Tract (s)	XGIR-174 and XGIR-629
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to the Commonwealth of Kentucky for a wildlife management area

Parcel 446 – (1,071.7 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This large and unique parcel is located along both banks of Blood River miles 6 to 10. The land cover of this parcel is high quality bottomland forest, scrub-shrub, emergent and bog wetlands with high functions and values. Existing and proposed new HPAs are established around these unique wetlands and associated rare plant and animal species habitats. The parcel contains three TVA-designated natural areas: McCuiston Woods SWA, Panther Creek Swamp HPA, and the newly proposed Blood River HPA. There is a high probability for the presence of cultural resources, but only a portion of the area has been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

McCuiston Woods TVA SWA was established in 1974 for resources protection and is located near the right descending bank of Blood River mile 8. The parcel is dominated by bottomland hardwood forest. The parcel contains habitat for the state-listed long tail salamander and swamp rabbit.

Panther Creek Swamp HPA contains a seep swamp located at the confluence of Panther Creek and the Blood River. Panther Creek HPA is also a proposed potential national natural landmark and Kentucky registered natural area. A registration agreement among TVA, Kentucky Nature Conservancy and Kentucky Nature Preserves Commission recognizes this area as ecologically significant and is listed on the Kentucky registry of natural areas. The Panther Creek HPA features mature bottomland hardwood forests that occupy the floodplain of the Blood River. Fringe emergent wetlands are also present providing habitat for a number of wetland plants considered rare in the Commonwealth of Kentucky.

The proposed Blood River HPA is located upstream of the KSR-121 Bridge near New Concord, Kentucky. The HPA contains seasonally-flooded bottomland hardwood forest; globally rare

Coastal Plain forested acid seeps; tupelo marsh-slough habitats; and adjacent acidic sub xeric forests. The dominant species of the bottomland hardwood forest include red maple, box elder and river birch. Within Parcel 446 there are records of yellow crowned night heron, three-lined salamander, northern pine snake, gray bat, evening bat and hair-like mock bishop-weed, all state-listed species. The Commonwealth of Kentucky has designated a state nature preserve adjoining the southeastern portion of this area. These two areas could be established as the Blood River Preserve Site.

Table 4-446. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18-SW
TVA D-Stage Map Numbers	56, 57, and 58
Stream Mile and Bank	Blood River miles 6 to 10B
Land Use/Land Cover	Historic hardwood tree plantings, bottomland hardwoods, perennial hay, and forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting, camping, wildlife observation, day hiking, and research
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to the Commonwealth of Kentucky for a wildlife management area • Revocable license to West Kentucky Rural Electric Cooperative for electric utilities • Registration agreement among TVA, Kentucky Nature Conservancy and Kentucky Nature Preserves Commission recognizing Panther Creek Swamp HPA as ecologically significant
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Establish and designate new Blood River HPA in cooperation with Kentucky Nature Preserves Commission • Complete biological resources survey • Coordinate cultural resources management activities with Kentucky Department of Fish and Wildlife Resources • Wetlands enhancement and management • Forest management to enhance wildlife habitat diversity • Embankment plantings research • Implement natural areas management plan
Potential Partners	<ul style="list-style-type: none"> • Kentucky Department of Fish and Wildlife Resources • Kentucky Nature Preserves Commission

Parcel 447 – (73.3 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of three noncontiguous tracts of land and is located along the left descending bank of the Blood River. The parcel extends among TVA markers 56–92 to 57–82; 57–50 to 57–73; and 57–74 to 57–76. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a high probability for the presence of cultural resources, but the parcel has not been surveyed. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. However, water use facilities will be limited to in size and nature due to the proximity of the Panther Creek Swamp HPA. Potential impacts to wetlands, natural areas, and/or cultural resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-447. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18–SW
TVA D–Stage Map Numbers	57
Stream Mile and Bank	Blood River miles 7L, 8L, and 10B
Land Use/Land Cover	Deciduous forest, and historic hardwood tree plantings
Fronts Former TVA Tract (s)	XGIR–170, XGIR–171, XGIR–172, XGIR–173 and XGIR–621
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to the Commonwealth of Kentucky for a wildlife management area • Revocable license to West Kentucky Rural Telephone Cooperative Corporation, Inc for telephone lines • Implement natural areas management plan

Parcel 448 – (80.0 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of the Blood River. The parcel extends between TVA markers 56–80 to 56–89. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. Crappie Hollow Shores and

Cedarling Hills subdivisions are located on a portion of the back-lying private property. There are records of two state-listed plant species, bunch flower and swamp wedgescale, within the parcel. There is a high probability for the presence of cultural resources, but the parcel has not been surveyed. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-448. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18-SW
TVA D-Stage Map Numbers	56
Stream Mile and Bank	Blood River miles 6-6.8L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-617, XGIR-618, XGIR-619, XGIR-620, and XGIR-621
Structure Profile	Varies
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to Commonwealth of Kentucky for a wildlife management area

Parcel 449 – (5.0 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located on the left descending bank of the Blood River. The land cover of this parcel is high quality bottomland hardwoods; loblolly pine plantations; and forested, scrub-shrub, and emergent wetlands. Access to the area is by boat and adjoining developed areas. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. Hunting occurs on the parcel. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. Requests for private water use facilities would not be considered.

Table 4-449. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18–SW
TVA D–Stage Map Numbers	56
Stream Mile and Bank	Blood River mile 6.3L
Land Use/Land Cover	Bottomland hardwoods, loblolly pine plantations, and forested, scrub-shrub and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for a wildlife management area
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Coordinate cultural resources management activities with Kentucky Department of Fish and Wildlife Resources • Conduct forest management activities to enhance wildlife habitat diversity
Potential Partners	Kentucky Department of Fish and Wildlife Resources for various management purposes

Parcel 450 – (33.4 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of the Blood River. The parcel extends between TVA markers 56–90 and 56–91. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. Lakeway Shores, Cedarling Hills, and Crappie Hollow Shores subdivisions are located on the back-lying private property. There is a medium probability for the presence of cultural resources. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-450. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18–SW

Location Component and Public Involvement Opportunities	Parcel Specific Information
TVA D–Stage Map Numbers	52 and 56
Stream Mile and Bank	Blood River miles 5.7 to 6L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–617
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to the Commonwealth of Kentucky for a wildlife management area

Parcel 451 – (26.8 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along the left descending bank of the Blood River. The land cover of this parcel is high quality bottomland hardwoods; loblolly pine plantations; forested, scrub-shrub, and emergent wetlands that serve as riparian habitats. Access to the parcel is by boat and from adjoining developed areas. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. Limited hunting occurs on the parcel due to the adjacent residential development. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. Requests for private water use facilities would not be considered.

Table 4-451. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18–SW
TVA D–Stage Map Numbers	52 and 53
Stream Mile and Bank	Blood River mile 5L
Land Use/Land Cover	Bottomland hardwoods, loblolly pine plantations, and forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Limited hunting
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for a wildlife management area

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Coordinate cultural resources management activities with Kentucky Department of Fish and Wildlife Resources • Forest management to enhance wildlife habitat diversity
Potential Partners	Kentucky Department of Fish and Wildlife Resources

Parcel 452 – (80.1 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts and is located along the right descending bank of Wildcat Creek and the left descending bank of the Blood River. The two tracts extend among TVA marker 52–48A to Parcel 453 and 53–42 to Parcel 453. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. Panorama Shores Subdivision is located on a portion of the back-lying private property. There is a medium probability for the presence of cultural resources. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-452. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18–SW
TVA D–Stage Map Numbers	52 and 53
Stream Mile and Bank	Wildcat Creek and Blood River mile 4.8L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–167, XGIR–168, XGIR–169, XGIR–546, and XGIR–682
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to the Commonwealth of Kentucky for a wildlife management area

Parcel 453 – (5.7 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the right descending bank of Wildcat Creek and the left descending bank of the Blood River. The area is under a license to Waters Edge Marina for commercial recreation. This commercial recreation area includes a marina, boat-launching ramp, campground, picnic area, rental cabins, and play courts. Undisturbed areas have a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-453. Parcel Information

Location Component	Parcel Specific Information
County, State	Calloway, Kentucky
TVA D–Stage Map Numbers	52
Stream Mile and Bank	Blood River mile 4.3L

Parcel 454 – (1,145.8 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This large parcel is located along the left descending bank of the Blood River and stretches from Wildcat Creek (Blood River mile 4.3L) to Sugar Creek (Blood River mile 2.5L). The land cover of this parcel is upland and bottomland hardwoods; loblolly pine plantations interspersed; forested, scrub-shrub, and emergent wetlands that serve as riparian habitats.

Access to the parcel is by boat, paved public roads, and unimproved roads. There is an unimproved road near the Wildcat Creek portion of the parcel, and Parcel 455 can be accessed via Wildcat Beach Road. There is some unauthorized ATV access to the larger portion of the parcel north of the recreation area. The internal portions of the parcel are used for hunting, and the shoreline portions are used for fishing and camping. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-454. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18–SW and 18–NW
TVA D–Stage Map Numbers	48 and 52
Stream Mile and Bank	Blood River miles 2 to 4.2L
Land Use/Land Cover	Upland and Bottomland hardwoods; loblolly pine plantations; and forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting, camping, and bank fishing
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to the Commonwealth of Kentucky for a wildlife management area • Land use permit to the U.S. Army ROTC for field exercises
Potential Projects	<ul style="list-style-type: none"> • Continued efforts to eliminate unauthorized ATV use and dumping of trash • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Systematic survey for historic properties • Conduct limits of acceptable change analysis on existing campsites to determine level of impacts and management options • Conduct comprehensive land condition assessment to determine management options • Coordinate cultural resources management activities with Kentucky Department of Fish and Wildlife Resources • Potential expansion of the wildlife management area
Potential Partners	<ul style="list-style-type: none"> • Kentucky Department of Fish and Wildlife Resources • U.S. Army ROTC

Parcel 455 – (98.6 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of Wildcat Creek, a tributary to the Blood River. A portion of this parcel was initially developed by TVA for public recreation and has been subsequently leased (XGIR-932L) for Wildcat Creek Resort commercial recreation facilities. Facilities within the leased area include a campground, beach, and picnic area. The eastern portion of the parcel is Wildcat Creek Campground and is operated under a revocable license to KDFWR for public recreation. The remaining undeveloped portion of this parcel may be

developed to reduce user conflicts and better accommodate public boat-launching ramp and parking needs. Undeveloped areas have a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-455. Parcel Information

Location Component	Parcel Specific Information
County, State	Calloway, Kentucky
TVA D–Stage Map Numbers	52
Stream Mile and Bank	Blood River mile 2.3L

Parcel 456 – (16.0 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of Sugar Creek. The parcel extends between TVA markers 48–115 to 48–116. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. McKees Port Subdivision is located on the back-lying private property. There is a medium probability for the presence of cultural resources, but the parcel has not been surveyed. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-456. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18–NW
TVA D–Stage Map Numbers	48
Stream Mile and Bank	Blood River mile 2.3L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–637
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 457 – (75.8 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along the right descending bank of Sugar Creek, a tributary to the Blood River. This parcel features bottomland hardwoods with some loblolly pine plantations interspersed and high quality bottomland forested, scrub-shrub, and emergent wetlands that serve as riparian habitats. Access to the parcel is by boat and from nearby public roads. However, unauthorized ATV's may be accessing the parcel from Irvin Cobb Road.

This parcel receives some use for hunting and wildlife observation. No federally listed species are known to occur on the parcel. The gold stripe darter, an endangered fish in Kentucky, has been found in Sugar Creek upstream of the parcel's boundary. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are present, and requests for private water use facilities would not be considered.

Table 4-457. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18–NW
TVA D–Stage Map Numbers	48
Stream Mile and Bank	Blood River mile 2.3L
Land Use/Land Cover	Bottomland hardwoods, loblolly pine plantations, and forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Continued efforts to eliminate unauthorized ATV use • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Systematic survey for historic properties • Conduct comprehensive land condition assessment to better determine overall management options • Enhance wildlife observation opportunities • Wetland habitat enhancements
Potential Partners	Kentucky Department of Fish and Wildlife Resources

Parcel 458 – (29.6 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of four noncontiguous tracts of land and is located along the right descending bank of Little Sugar Creek and left descending bank of Sugar Creek. The four tracts of land extend among TVA markers 48–77 to 48–78; 48–79 to 48–80; 48–81 to 48–108; and 48–107 to 48–86. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. Irvin Cobb Subdivision, Irvin Cobb Resort, Don Faughn Subdivision, Roberson Subdivision, and Sugar Creek Subdivision are located on the back-lying private property. There is a medium probability for the presence of cultural resources. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-458. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18–NW
TVA D–Stage Map Numbers	48
Stream Mile and Bank	Little Sugar Creek miles 0.2 to 0.5R Sugar Creek miles 0.7 to 1.7L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–164, XGIR–165, and XGIR–166
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 459 – (2.8 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel consists of three tracts of land and is located along the right descending bank of Little Sugar Creek and the left descending bank of Sugar Creek. This parcel features primarily deciduous upland hardwoods with a small portion of fringe, scrub-shrub, and emergent wetlands that serve as riparian habitats. Access to the parcel is by boat and from nearby public roads. However, this parcel receives limited public use due to its small size. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the

presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are present, and requests for private water use facilities would not be considered.

Table 4-459. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18–NW
TVA D–Stage Map Numbers	48
Stream Mile and Bank	Little Sugar Creek miles 0.1 and 0.4R Sugar Creek mile 1.5L
Land Use/Land Cover	Upland hardwoods and forested, scrub-shrub and emergent wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 460 – (4.5 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of Sugar Creek at the confluence of Little Sugar Creek. The southern portion of the parcel is under a revocable license to Sugar Creek Bay Marina for commercial recreation. Facilities at this commercial recreation area include a marina, boat-launching ramp, and restaurant. The northern tip of the parcel is under a revocable license to Irvin Cobb Resort for commercial recreation. Resort facilities include a marina, fishing pier, picnic area, camping facilities and rental cabins. Undisturbed areas have a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-460. Parcel Information

Location Component	Parcel Specific Information
County, State	Calloway, Kentucky
TVA D–Stage Map Numbers	48
Stream Mile and Bank	Sugar Creek 0.7L

Parcel 461 – (494.7 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This large parcel consists of three tracts of land and is located along the left descending banks of Little Sugar Creek, Sugar Creek, and Blood River. This parcel features upland hardwoods, bottomland hardwoods with some loblolly pine plantations interspersed. This parcel also contains high quality bottomland forested, scrub-shrub, and emergent wetlands that serve as riparian habitats, especially in the Little Sugar Creek area. Access to the parcel is by boat and from several nearby public roads. Boatwright Trail road bisects the largest portion of this parcel and runs to Evans Cemetery. Several other informal roads appear to enter the parcel from Hopson Lane in the upper end of Hooper Hollow.

A dispersed recreation inventory was conducted in 2006, and the analysis identified three sites on this parcel with moderate associated impacts. These sites are considered for future management actions. This parcel receives a substantial amount of unauthorized use by ATV's. This parcel receives use for small and big game hunting. No federally listed species are known to occur on this parcel. There are three state-listed plant species known from the parcel. The hair-like mock bishop-weed is a threatened species, and the longleaf stitchwort and trepocarpus are state-listed species of special concern. There is a medium probability for the presence of cultural resources. There are existing facilities and activities on this parcel that could be permissible under TVA's policies unless they are determined to be violations. However, requests for new private water use facilities would not be considered.

Table 4-461. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18–NW and 18–NE
TVA D–Stage Map Numbers	46, 48, and 49
Stream Mile and Bank	Blood River miles 0.6 to 2.2L
Land Use/Land Cover	Upland and bottomland hardwoods, loblolly pine plantations, sod field, and forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting and camping
Current Agreements/Commitments	<ul style="list-style-type: none"> • Land use permit issued to U.S. Army ROTC for field drills • Revocable license to West Kentucky Rural Electric Cooperative for electric utilities • Term agricultural license for sod

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Continued efforts to eliminate unauthorized ATV use • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Trails development for hiking and/or biking • Selective timber harvests to enhance wildlife habitat diversity • Mitigate unauthorized ATV usage impacts
Potential Partners	Kentucky Department of Fish and Wildlife Resources

Parcel 462 – (4.8 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of Sugar Creek and near the Boatwright community. The parcel is currently undeveloped. The parcel is well suited for a public boat-launching ramp due to its location in a cove providing protection from wind and wave action. The proximity to Murray, Kentucky, also improves the potential for development. Potential partnerships in future development of this parcel could include KDFWR and Calloway County, Kentucky. There is a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-462. Parcel Information

Location Component	Parcel Specific Information
County, State	Calloway, Kentucky
TVA D-Stage Map Numbers	48
Stream Mile and Bank	Sugar Creek mile 0.4L

Parcel 463 – (5.3 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of Blood River. The parcel extends between TVA markers 46–73 to 46–74. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a medium probability for the presence of cultural resources. Water use facilities have not constructed along the shoreline, but future requests for

private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-463. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18-NE
TVA D-Stage Map Numbers	46 and 49
Stream Mile and Bank	Blood River mile 1.4L
Land Use/Land Cover	Deciduous forest
Fronts Former TVA Tract (s)	XGIR-162
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	None identified

Parcel 464 – (10.5 acres)

RLMP Allocation: Zone 6, Developed Recreation

Kentucky Beach Resort is on this parcel. The back-lying property is former TVA property (XGIR-160) and was sold via Section 4(k)(a) of the TVA Act. The resort amenities include a marina, boat-launching ramp, swimming beach, swimming pool, restaurant, motel, rental cabins, and play courts. The undeveloped portions have a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-464. Parcel Information

Location Component	Parcel Specific Information
County, State	Calloway
TVA D-Stage Map Numbers	46
Stream Mile and Bank	Blood River mile 0.8L

Parcel 465 – (28.8 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts of land and is located along the left descending bank of the Tennessee River. The two tracts of land extend among TVA markers 46-208 to 46-158 and 46-155 to 46-172. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. TVA-developed Center Ridge Cabin Site

Subdivision is located on the back-lying private property. There is a medium probability for the presence of cultural resources. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-465. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18-NE
TVA D-Stage Map Numbers	46
Stream Mile and Bank	TRMs 50.8 to 51.4L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-2
Structure Profile	Varies
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 466 – (161.5 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel consists of a contiguous tract of land along the left descending bank of the Tennessee River. This parcel features mixed hardwood/pine uplands, perennial hay, and high quality bottomland forested, scrub-shrub, and emergent wetlands that serve as riparian habitats. Access to the parcel is by boat, improved roads, and unimproved roads, and this area receives unauthorized ATV use. Small and big game hunting also occurs on this parcel. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-466. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18-NE
TVA D-Stage Map Numbers	46
Stream Mile and Bank	TRMs 49.9 to 50.6L

Location Component and Public Involvement Opportunities	Parcel Specific Information
Land Use/Land Cover	Bottomland forests, mixed hardwood/pine upland forests, and forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	Term agricultural license for perennial hay
Potential Projects	<ul style="list-style-type: none"> • Continued efforts to eliminate unauthorized ATV use • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Mitigate unauthorized ATV usage impacts
Potential Partners	None identified

Parcel 467 – (29.5 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of the Tennessee River. The parcel extends between TVA markers 44–80B to 46–102. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Leisure Acres and Paradise Acres subdivisions are located on a portion of the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-467. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18–NE
TVA D–Stage Map Numbers	44 and 46
Stream Mile and Bank	TRMs 48.7 to 49.9L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–552, XGIR–553, XGIR–554, XGIR–555, XGIR–556, XGIR–557, and XGIR–558
Structure Profile	Elevation 381–foot msl

Location Component and Public Involvement Opportunities	Parcel Specific Information
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to the Commonwealth of Kentucky for a wildlife management area • Revocable license to West Kentucky Rural Electric Cooperative Cooperation for electric utilities • Term agricultural license for perennial hay

Parcel 468 – (1.7 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is under a permanent easement (XGIR-876RE) to American Paradise Resort for recreation. Resort facilities include a marina, boat-launching ramp, swimming beach, swimming pool, rental cabins, picnic area, and play courts. The undeveloped area has a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-468. Parcel Information

Location Component	Parcel Specific Information
County, State	Calloway, Kentucky
TVA D–Stage Map Numbers	44
Stream Mile and Bank	TRM 48.8L

Parcel 468a – (5.8 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of Snipe Creek and left descending bank of TRM 48.8. The parcel extends between TVA markers 44–49 to 44–81. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Blood River Estates Subdivision is located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-468a. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky

Location Component and Public Involvement Opportunities	Parcel Specific Information
Topographic Map (Sheet No. and Quadrant)	18-NE
TVA D-Stage Map Numbers	44
Stream Mile and Bank	TRM 48.8L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-550 and XGIR-551
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to the Commonwealth of Kentucky for a wildlife management area • A permanent easement (XGIR-876RE) for recreation

Parcel 469 – (28.6 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along both banks of Snipe Creek, a tributary to TRM 48.7. This parcel features bottomland forested, scrub-shrub, and emergent wetlands of high quality and function. Historically, embankment plantings were established on portions of this parcel to protect relocated roadway embankments from erosion. Access to the parcel is by boat and Snipe Creek Drive. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources. There are existing facilities on this parcel that could be permissible under TVA’s policies unless they are determined to be violations. However, requests for new private water use facilities would not be considered.

Table 4-469. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18-NE
TVA D-Stage Map Numbers	44
Stream Mile and Bank	TRM 48.8L
Land Use/Land Cover	Historic hardwood tree plantings, bottomland forest and forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Limited hunting use
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for a wildlife management area
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Embankment planting management/research

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Partners	Kentucky Department of Fish and Wildlife Resources

Parcel 470 – (11.3 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of three noncontiguous tracts of land and is located along the left descending bank of TRM 48.4. The parcel extends among TVA markers 44–42 to 44–43; 44–44 to 44–46; and 44–47 to 44–48. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Green Valley Lake Subdivision is located on a portion of the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-470. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18–SE
TVA D–Stage Map Numbers	44
Stream Mile and Bank	TRM 48.4L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–770, XGIR–771, XGIR–772, and XGIR–773
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to the Commonwealth of Kentucky for a wildlife management area

Parcel 471 – (11.8 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel consists of two tracts of land and is located at the confluence of Snipe Creek and the Tennessee River. This parcel features bottomland forested, scrub-shrub, and emergent wetlands of high quality and function. Access to the parcel is by boat, Moser Lane, and Anchor Road. Hunting and camping occurs on the parcel. A dispersed recreation inventory was conducted in 2006, and the analysis identified six sites on this parcel with moderate dispersed use associated impacts. These sites are candidates for management actions. No federally listed species are known to occur on the parcel. The plant, *Trepocarpus (Trepocarpus aethusae)*, is a state-listed species of special concern and has been previously located on this parcel. There is a medium probability for the presence of cultural resources. There are existing facilities on this parcel that could be permissible under TVA's policies unless they are determined to be violations. However, requests for new private water use facilities would not be considered.

Table 4-471. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18-NE
TVA D-Stage Map Numbers	44
Stream Mile and Bank	TRMs 48 and 48.4L
Land Use/Land Cover	Bottomland forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting and camping
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for a wildlife management area
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Monitor and remediate dispersed recreation impacts
Potential Partners	Kentucky Department of Fish and Wildlife Resources

Parcel 472 – (16.8 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts of land and is located along the left descending bank of TRM 48L. The parcel extends among TVA markers 44–44 to 44–46 and TVA markers 44–42 to 44–43. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-472. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18–NE
TVA D–Stage Map Numbers	41 and 44
Stream Mile and Bank	TRM 47L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–158, XGIR–767, XGIR–768, and XGIR–770
Structure Profile	Varies
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to the Commonwealth of Kentucky for a wildlife management area

Parcel 473 – (3.8 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along the left descending bank of TRM 48. This parcel features bottomland hardwoods and forested, scrub-shrub, and emergent wetlands of high quality and function. These wetlands also provide fish spawning and nursery habitat. Access to the parcel is by boat and unimproved trails from the adjoining private property. The parcel receives some hunting. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-473. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18-NE
TVA D-Stage Map Numbers	44
Stream Mile and Bank	TRM 47.9 L
Land Use/Land Cover	Bottomland hardwoods and forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for a wildlife management area
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Wetland and bottomland hardwoods enhancement
Potential Partners	Kentucky Department of Fish and Wildlife Resources

Parcel 474 – (25.5 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along the left descending bank of TRM 46.9. This parcel features scrub-shrub, emergent, and shoreline fringe wetlands of high quality and function. This parcel serves as riparian habitat and a visual buffer from nearby shoreline development. Access to the parcel is by boat and an adjoining road. The parcel receives some small and big game hunting in addition to waterfowl hunting. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-474. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18-NE
TVA D-Stage Map Numbers	41
Stream Mile and Bank	TRM 46.9L
Land Use/Land Cover	Scrub-shrub, emergent, and fringe shoreline wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for a wildlife management area

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	Kentucky Department of Fish and Wildlife Resources

Parcel 475 – (88.5 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of the Tennessee River. The parcel extends between TVA markers 40–72 to 41–15. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-475. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18–NE
TVA D–Stage Map Numbers	40 and 41
Stream Mile and Bank	TRMs 45.5 to 46.9L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–148, XGIR–149, XGIR–150, XGIR–151, XGIR–152, XGIR–153, XGIR–154, XGIR–155, XGIR–157, XGIR–158, XGIR–764, XGIR–765, and XGIR–766
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 476 – (36.5 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel consists of four small tracts of land located along both banks of Anderson Creek. This parcel features bottomland forested, scrub-shrub, and emergent shoreline fringe wetlands of high quality and function. These wetlands also provide fish spawning and nursery habitat. Access to the parcel is by boat and adjacent roads. No federally listed species are known to occur on the parcel. The chain pickerel is state-listed as a species of special concern and has been found in Anderson Creek. On the floodplain portion of this parcel, there is a medium probability for the presence of cultural resources. There is a low probability for the presence of cultural resources on the steep slopes of the parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-476. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18–NE and 18–NW
TVA D–Stage Map Numbers	40
Stream Mile and Bank	TRM 45.5L
Land Use/Land Cover	Forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Conduct land condition assessments to determine management options
Potential Partners	None identified

Parcel 477 – (40.5 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of four noncontiguous tracts and is located along both descending banks of Anderson Creek. The four tracts extend among TVA markers 40–59 to 40–60; TVA markers 40–61 to 40–62; TVA markers 40–63 to 40–64; TVA markers 40–65 to 40–66. This parcel lies

entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a medium probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. Potential impacts to wetlands and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-477. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18-NW and 18-NE
TVA D-Stage Map Numbers	40
Stream Mile and Bank	TRM 45.5L
Land Use/Land Cover	Deciduous forest
Fronts Former TVA Tract (s)	XGIR-146 and XGIR-147
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	Permanent easement to Calloway County, Tennessee for a roadway

Parcel 478 – (33.6 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along the left descending bank of Anderson Creek and features mostly upland hardwoods with some mixed pine. This parcel also supports bottomland hardwoods with scrub-shrub and emergent shoreline fringe wetlands along portions of the shoreline.

Access to the parcel is by boat and Anderson Shores Drive. Limited hunting occurs on the parcel. A dispersed recreation inventory was completed in 2006. The analysis identified two dispersed recreation sites that are considered candidates for management actions. The sites are located along the shoreline near Anderson Shores Drive.

No federally listed species are known to occur on the parcel. The chain pickerel is a state-listed as a species of special concern and has been found in Anderson Creek. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-478. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18-NE
TVA D-Stage Map Numbers	40
Stream Mile and Bank	TRM 45.5L
Land Use/Land Cover	Bottomland and upland hardwoods, mixed pines, and scrub-shrub, emergent, and shoreline fringe wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Conduct land condition assessments to determine management options • Mitigate dispersed recreation site impacts on identified sites
Potential Partners	None identified

Parcel 479 – (28.9 acres)

RLMP Allocation: Zone 5, Industrial

This parcel is an active industrial parcel located along the left descending bank of Anderson Creek at the confluence of the Tennessee River. Goodmar, Incorporated; Hutson Chemical Company, Incorporated; and Murray Harbor Services utilize this parcel to support their operations. The remainder of this parcel is in either deciduous forest or grassland. Undisturbed areas have a medium probability for the presence of cultural resources. A site-specific environmental review will be conducted prior to any ground disturbance. Requests for use of TVA lands and associated water-based structures to support industrial purposes would be considered.

Table 4-479. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18-NE
TVA D-Stage Map Numbers	40
Stream Mile and Bank	TRM 45L
Land Use/Land Cover	Deciduous forest, grasslands, and industrial sites

Location Component and Public Involvement Opportunities	Parcel Specific Information
Current Agreements/Commitments	Permanent easement to Goodmar, Incorporated for an industrial site

Parcel 480 – (71.5 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along the left descending bank of the Tennessee River. This parcel features deciduous hardwoods and bottomland forested, scrub-shrub, and emergent shoreline fringe wetlands. These wetlands also provide fish spawning and nursery habitat. Access to the parcel is by boat, Watersport Road, and Emma Drive. Watersport Road leads to Parcel 481. Murray State University’s Hancock Biological Station is accessed via Emma Drive. A dispersed recreation inventory was conducted in 2006, and the analysis identified four dispersed recreation sites that are considered as candidates for management actions.

No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources. There are existing facilities including a boat dock and buildings associated with the Hancock Biological Station. Requests for use of TVA lands and associated water-based structures to support educational purposes associated with the Hancock Biological Station would be considered. However, requests for private water use facilities would not be considered.

Table 4-480. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Calloway, Kentucky
Topographic Map (Sheet No. and Quadrant)	18-NE
TVA D-Stage Map Numbers	40
Stream Mile and Bank	TRMs 44.4 to 45L
Land Use/Land Cover	Bottomland and deciduous hardwoods and bottomland forested, scrub-shrub, emergent, and shoreline fringe wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	Permanent Easement to the Commonwealth of Kentucky (Murray State University) for Hancock Biological Station

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Conduct land condition assessments to determine management options • Mitigate dispersed recreation site impacts on identified sites
Potential Partners	Murray State University–Hancock Biological Station

Parcel 481 – (1.3 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of the Tennessee River and is surrounded by Parcel 480. The parcel is under a revocable license agreement with KDFWR for public recreation, and they maintain a boat-launching ramp and parking area on the parcel. There is a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-481. Parcel Information

Location Component	Parcel Specific Information
County, State	Calloway, Kentucky
TVA D–Stage Map Numbers	40
Stream Mile and Bank	TRM 44.5L

Parcel 482 – (287.5 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of the Tennessee River between river miles 39.8 and 44.2. The parcel is under a permanent easement (XTGIR-55E) to the Commonwealth of Kentucky for public recreation. The back-lying property is former TVA property (XTGIR-55) and was transferred to the Commonwealth of Kentucky for public recreation. This area is collectively managed as Kenlake State Resort Park. Park facilities include trails, golf course, marina, boat-launching ramp, fishing pier, motel, rental cabins, picnic areas, swimming pool, and restaurant. There is one record of the state-listed plant *oldenlandia*

within this parcel. The undeveloped areas have a medium probability for the presence of cultural resources, but the area has not been surveyed. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-482. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D–Stage Map Numbers	29
Stream Mile and Bank	TRM 38.5L

Parcel 483 – (48.4 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located upstream of Jonathan Creek and along the left descending bank of the Tennessee River. This parcel features mostly upland hardwoods. Access to the parcel is by boat, improved roads, and unimproved roads. This parcel is located adjacent to substantial development; therefore, dispersed recreational use is limited. No federally or state-listed species are known to occur on the parcel. The level areas of the parcel have a medium probability for the presence of cultural resources. The steep slopes have a low probability for the presence of cultural resources. There are existing facilities on this parcel that could be permissible under TVA’s policies unless they are determined to be violations. However, requests for new private water use facilities would not be considered.

Table 4-483. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–SW
TVA D–Stage Map Numbers	30
Stream Mile and Bank	TRMs 38.8 to 39.8L
Land Use/Land Cover	Upland hardwoods
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Revocable license to Cedar Point Resort for commercial recreation
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 484 – (23.2 acres)*RLMP Allocation: Zone 3, Sensitive Resource Management*

This parcel is located along the right descending bank of Jonathan Creek near the confluence with the Tennessee River. This parcel features mostly upland hardwoods. Access is by boat and several roads leading into the parcel. This parcel is located adjacent to substantial development, and disperse recreational use is limited. No federally or state-listed species are known to occur on the parcel. The area has a high probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-484. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–SW
TVA D–Stage Map Numbers	30
Stream Mile and Bank	TRM 39L
Land Use/Land Cover	Upland hardwoods
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Cultural resource protection
Potential Partners	None identified

Parcel 485 – (46.0 acres)*RLMP Allocation: Zone 7, Shoreline Access*

This parcel consists of four noncontiguous tracts of land and is located along the right descending bank of Jonathan Creek mile 1.0. The parcel extends among TVA markers 29–106A to 29–107A; 29–108A to 30–111A; 30–104 to 30–112; and 30–113 to 30–115. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. A portion of TVA–developed Jonathan Creek Subdivision is located on the back-lying private

property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-485. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17-SW
TVA D-Stage Map Numbers	29 and 30
Stream Mile and Bank	Jonathan Creek mile 1.0R
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-564
Structure Profile	Varies
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 486 – (34.5 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is located along the right descending bank of Jonathan Creek. This parcel features bottomland hardwoods and shoreline fringe wetlands. Access to the parcel is by boat and developed adjacent property. This parcel receives limited public use for dispersed recreation. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-486. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17-SW
TVA D-Stage Map Numbers	29 and 30
Stream Mile and Bank	Jonathan Creek mile 0.5 to 0.9R
Land Use/Land Cover	Shoreline fringe wetlands and bottomland hardwoods
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 487 – (13.2 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of Wolf Creek, a tributary to Jonathan Creek. This area is under a revocable license to Town and Country Resort for commercial recreation. Resort facilities include a marina, boat-launching ramp, campground, motel, rental cabins, swimming pool, and restaurant. The undeveloped portion of this parcel has a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-487. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D–Stage Map Numbers	29
Stream Mile and Bank	Jonathan Creek 1.4R

Parcel 488 – (16.4 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of Jonathan Creek. The parcel extends between Parcel 487 and Parcel 489. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. A portion of TVA-developed Jonathan Creek Subdivision is located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-488. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17-SW
TVA D-Stage Map Numbers	28 and 29
Stream Mile and Bank	Jonathan Creek miles 1.2 to 2.2R
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-564 and XGIR-628
Structure Profile	Varies
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 489 – (1.2 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small and narrow parcel is located along the right descending bank of Jonathan Creek between Parcels 488 and 489, which are allocated as Zone 7. This parcel features bottomland hardwoods. There is access to this parcel from adjacent property; however the parcel receives limited use due to adjacent residential development. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-489. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17-SW
TVA D-Stage Map Numbers	29
Stream Mile and Bank	Jonathan Creek mile 2.2R
Land Use/Land Cover	Bottomland hardwoods
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline
Potential Partners	None identified

Parcel 490 – (4.4 acres)*RLMP Allocation: Zone 7, Shoreline Access*

This parcel is located along the right descending bank of Jonathan Creek. The parcel extends between Parcel 489 and Parcel 491. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. A portion of TVA-developed Jonathan Creek Subdivision is located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-490. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–SW
TVA D–Stage Map Numbers	28 and 29
Stream Mile and Bank	Jonathan Creek miles 1.2 to 2.2R
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–564
Structure Profile	Varies
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 491 – (6.0 acres)*RLMP Allocation: Zone 6, Developed Recreation*

This parcel is located along right descending bank of Jonathan Creek and is bisected by US-68. The portion of the parcel lying downstream of US-68 adjoins Harry Waterfield Park. The back-lying property is former TVA property (XTGIR-24) transferred to the Commonwealth of Kentucky for public recreation. The amenities include a boat-launching ramp and parking area. The portion of this parcel situated upstream of US-68 adjoins Sportsman Anchor Resort and Marina. Facilities at this commercial recreation area include a marina, boat-launching ramp, campground, motel, rental cabins, swimming pool, and restaurant. The undeveloped portion of this parcel has a medium probability for the presence of cultural resources.

Table 4-491. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D–Stage Map Numbers	28
Stream Mile and Bank	Jonathan Creek mile 2.5R

Parcel 492 – (5.4 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of a small tract of land containing a portion of US-68. There is a low probability for the presence of cultural resources in the undisturbed portions of this parcel. Requests for private water use facilities would not be considered.

Table 4-492. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–SW
TVA D–Stage Map Numbers	28
Stream Mile and Bank	Jonathan Creek mile 2.5B
Land Use/Land Cover	Road ROW and grasslands
Known Dispersed Recreation Opportunities	bank fishing
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easement to the Commonwealth of Kentucky for a roadway • Permanent easement to the Jonathan Creek Water District for a water pipeline • Term easement to the City of Benton, Kentucky, for a natural gas pipeline
Potential Projects	None identified
Potential Partners	None identified

Parcel 493 – (25.0 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of Jonathan Creek mile 3.0. The parcel extends between TVA markers 32–77 to Parcel 491. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. Jonathan Shores Subdivision and Alice Levey Estates are located on the back-lying private property. There is a medium probability for the presence of cultural resources. Water use facilities have been

permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-493. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17-SW
TVA D-Stage Map Numbers	28 and 32
Stream Mile and Bank	Jonathan Creek mile 3.0R
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-12, XGIR-13, XGIR-14, and XGIR-19
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Term easement for a roadway

Parcel 494 – (30.3 acres)

RLMP Allocation: Zone 6, Developed Recreation

The parcel is managed as part of the Jonathan Creek Camp and Conference Center. The back-lying property is former TVA property (XGIR-11) and was sold via Section 31 of the TVA Act for group camp use. The shoreline parcel is utilized for water-based camp activities such as swimming, fishing, and boating. There is a high probability for the presence of cultural resources, but the area has not been surveyed. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-494. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D-Stage Map Numbers	32
Stream Mile and Bank	Jonathan Creek miles 3.8 to 4.1R

Parcel 495 – (5.4 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts of land and is located along the right descending bank of Jonathan Creek mile 4.2. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a high probability for the presence of

cultural resources. Pirate’s Cove Subdivision is located on a portion of the back-lying private property. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-495. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–SW
TVA D–Stage Map Numbers	32
Stream Mile and Bank	Jonathan Creek mile 4.2R
Land Use/Land Cover	Deciduous forest
Fronts Former TVA Tract (s)	XGIR–597
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for a wildlife management area

Parcel 496 – (30.0 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This parcel is located along both banks of Clear Creek, a tributary to Jonathan Creek. This parcel features bottomland forested wetlands and shoreline fringe, scrub-shrub, and emergent wetlands. Previous agricultural fields have reverted to early successional bottomland hardwoods. Access to the parcel is by boat and from the adjacent property. Small and big game and waterfowl hunting occurs on the parcel. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-496. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–SW
TVA D–Stage Map Numbers	32
Stream Mile and Bank	Jonathan Creek mile 4.2 R
Land Use/Land Cover	Bottomland wetlands, bottomland hardwoods, and scattered pines
Known Dispersed Recreation Opportunities	Hunting

Location Component and Public Involvement Opportunities	Parcel Specific Information
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for a wildlife management area
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Coordinate cultural resources management activities with Kentucky Department of Fish and Wildlife Resources • Wetlands protection • Assess cultural resource protection and/or management needs
Potential Partners	Kentucky Department of Fish and Wildlife Resources

Parcel 497 – (17.6 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of Jonathan Creek mile 4.2. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a medium probability for the presence of cultural resources. Pirate's Cove Subdivision is located on a portion of the back-lying private property. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-497. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17-SW
TVA D-Stage Map Numbers	32
Stream Mile and Bank	Jonathan Creek mile 4.2R
Land Use/Land Cover	Deciduous forest
Fronts Former TVA Tract (s)	XGIR-596
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for a wildlife management area

Parcel 498 – (67.8 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the right descending bank of Jonathan Creek. This area is under an easement (XGIR-871RE) to Pirate’s Cove for commercial recreation. The amenities include a marina, boat-launching ramp, campground, beach, swimming pool, motel, rental cabins, play courts, and a golf course. There is a medium probability for the presence of cultural resources, but this parcel has not been surveyed for cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-498. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D–Stage Map Numbers	32
Stream Mile and Bank	Jonathan Creek miles 4.4 to 5.3R

Parcel 499 – (2.7 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel consists of two small tracts of land located along the right descending bank of Jonathan Creek. This parcel features deciduous hardwoods, scattered loblolly pine stands, and bottomland forested wetlands. Access to the parcel is by boat and from the adjacent TVA property. This parcel receives limited use due to the surrounding residential development. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-499. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–SW
TVA D–Stage Map Numbers	32
Stream Mile and Bank	Jonathan Creek mile 5.4R

Location Component and Public Involvement Opportunities	Parcel Specific Information
Land Use/Land Cover	Deciduous hardwoods, pines, and bottomland forested wetlands
Known Dispersed Recreation Opportunities	None identified
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for a wildlife management area
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Coordinate cultural resources management activities with Kentucky Department of Fish and Wildlife Resources • Assess cultural resource protection and/or management needs
Potential Partners	Kentucky Department of Fish and Wildlife Resources

Parcel 500 – (33.4 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts of land and is located along the right descending bank of Jonathan Creek mile 5.9. The parcel extends among TVA markers 32–84 to 32–85 and 32–39 to 32–38. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Pirate's Cove Subdivision is located on a portion of the back-lying private property. Water use facilities have been permitted along a portion of the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-500. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–SW
TVA D–Stage Map Numbers	32
Stream Mile and Bank	Jonathan Creek miles 5.4 to 5.9R
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–144
Structure Profile	Elevation 381–foot msl

Location Component and Public Involvement Opportunities	Parcel Specific Information
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to the Commonwealth of Kentucky for a wildlife management area

Parcel 501 – (55.0 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel consists of two tracts of land located along both banks at Jonathan Creek mile 6. In addition to bottomland hardwoods, this parcel features high quality and functioning bottomland forested, fringe, scrub-shrub, and emergent wetlands. Access to the parcel is by boat and from KSR-402. This parcel is used for hunting and wildlife observation with unauthorized ATV use also occurring. Historically, embankment plantings were established on portions of this parcel to protect relocated roadway embankments from erosion. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-501. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–SW
TVA D–Stage Map Numbers	32 and 33
Stream Mile and Bank	Jonathan Creek mile 6B
Land Use/Land Cover	Historic hardwood tree plantings; bottomland hardwoods; and bottomland forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for a wildlife management area

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Continued efforts to eliminate unauthorized ATV use • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Coordinate cultural resources management activities with KDFWR • Assess cultural resource protection and/or management needs • Embankment plantings for forestry management needs • Embankment plantings research • Enhance wildlife observation opportunities
Potential Partners	Kentucky Department of Fish and Wildlife Resources

Parcel 502 – (12.3 acres)

RLMP Allocation: Zone 2, Project Operations

This parcel consists of a small tract of land containing a portion of the KSR-402. There is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-502. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–SW
TVA D–Stage Map Numbers	32 and 33
Stream Mile and Bank	Jonathan Creek mile 6B
Land Use/Land Cover	Road ROW
Known Dispersed Recreation Opportunities	Bank fishing
Current Agreements/Commitments	Permanent easement to the Commonwealth of Kentucky for a roadway
Potential Projects	None identified
Potential Partners	None identified

Parcel 503 – (237.9 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This large parcel consists of three tracts located along both banks of Jonathan Creek and upstream of the KSR-402 Bridge. In addition to bottomland hardwoods, this parcel features high quality and functioning bottomland forested, fringe scrub-shrub, and emergent wetlands. These wetlands also provide fish spawning and nursery habitat. Access to the parcel is by boat and KSR-402. Hunting and wildlife observation occur on this parcel. This area is a featured hunting area promoted by KDFWR. Historically, embankment plantings were established on portions of this parcel to protect relocated roadway embankments from erosion. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-503. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17-SW
TVA D-Stage Map Numbers	32 and 33
Stream Mile and Bank	Jonathan Creek mile 6B
Land Use/Land Cover	Historic hardwood tree plantings; bottomland hardwoods; and bottomland forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for a wildlife management area
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Coordinate cultural resources management activities with KDFWR • Assess cultural resource protection and/or management needs • Embankment plantings for forestry management needs • Embankment plantings assessment and research • Enhance wildlife observation opportunities • Wetlands management and enhancement
Potential Partners	KDFWR

Parcel 504– (0.8 acre)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the right descending bank of Jonathan Creek and adjacent to KSR-80. The area is under a revocable license to KDFWR for public recreation purposes. The amenities include a boat-launching ramp and parking area. The area has a high probability for the presence of cultural resources in undeveloped areas. It has not been surveyed for cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-504. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D–Stage Map Numbers	32
Stream Mile and Bank	Jonathan Creek mile 6R

Parcel 505 – (91.3 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along both banks of Jonathan Creek mile 6.1. The tract extends among TVA markers 33–26 to 33–28 and 33–32 to 33–29. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a high probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. However, water use facilities will be limited to in size and nature due to the proximity of the sensitive resource management areas and high quality wetlands. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-505. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–SW
TVA D–Stage Map Numbers	33
Stream Mile and Bank	Jonathan Creek mile 6.1B
Land Use/Land Cover	Deciduous forest
Fronts Former TVA Tract (s)	XGIR–142 and XGIR–143

Location Component and Public Involvement Opportunities	Parcel Specific Information
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for a wildlife management area

Parcel 506 – (46.5 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts and is located along the left descending bank of Jonathan Creek mile 5.2. The parcel extends among TVA markers 32–90 to 32–91 and 32–92 to 32–46. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a high probability for the presence of cultural resources. Water use facilities have been permitted along a portion of the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-506. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–SW
TVA D–Stage Map Numbers	32
Stream Mile and Bank	Jonathan Creek mile 5.2L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–571 and XGIR–595
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to the Commonwealth of Kentucky for a wildlife management area

Parcel 507 – (31.9 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along the left descending bank of Jonathan Creek. In addition to bottomland hardwoods at different successional stages, this parcel features high quality and functioning bottomland forested, scrub-shrub, and fringe emergent wetlands. These wetlands also provide fish spawning and nursery habitat. Access to the parcel is by boat. This parcel is

used for wildlife observation and hunting. Historically, embankment plantings were established on portions of this parcel to protect relocated roadway embankments from erosion. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-507. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17-SW
TVA D-Stage Map Numbers	32
Stream Mile and Bank	Jonathan Creek mile 5.4 L
Land Use/Land Cover	Historic hardwood tree plantings, bottomland hardwoods, and bottomland forested, scrub-shrub, emergent wetlands
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for a wildlife management area
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Coordinate cultural resources management activities with Kentucky Department of Fish and Wildlife Resources • Assess cultural resource protection and/or management needs • Embankment plantings for forestry management needs • Embankment plantings research • Enhance wildlife observation opportunities
Potential Partners	Kentucky Department of Fish and Wildlife Resources

Parcel 508 – (43.1 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along the left descending bank of Jonathan Creek near Barnett Cemetery. This parcel features bottomland and riparian forests and bottomland forested, scrub-shrub, and fringe emergent wetlands. These wetlands also provide fish spawning and nursery habitat. Access to the parcel is by boat and by adjacent property. This parcel is used for hunting small

and big game and waterfowl. A dispersed recreation inventory was conducted in 2006. The analysis identified three dispersed recreational use sites along the downstream portion of this parcel. These sites had a moderate level of impacts and were not considered as candidates for management actions. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. There are existing facilities on this parcel that could be permissible under TVA's policies unless they are determined to be violations. However, requests for new private water use facilities would not be considered.

Table 4-508. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–SW
TVA D–Stage Map Numbers	32
Stream Mile and Bank	Jonathan Creek miles 4.4 to 5.1L
Land Use/Land Cover	Bottomland hardwoods, riparian forest, and bottomland forested, scrub-shrub, emergent wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for a wildlife management area
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Coordinate cultural resources management activities with KDFWR • Assess cultural resource protection and/or management needs
Potential Partners	Kentucky Department of Fish and Wildlife Resources

Parcel 509 – (56.9 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts of land and is located along the left descending bank of Jonathan Creek. The two tracts extend among TVA markers 28–81 to 32–89 and 32–88 to 32–87. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a medium probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private

water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-509. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17-SW
TVA D-Stage Map Numbers	28 and 32
Stream Mile and Bank	Jonathan Creek miles 3.5 to 4.2L
Land Use/Land Cover	Deciduous forest
Fronts Former TVA Tract (s)	XGIR-139, XGIR-140, and XGIR-141
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for a wildlife management area

Parcel 510 – (24.0 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel consists of two tracts of land located along the left descending bank of Jonathan Creek, a tributary to the Tennessee River. This parcel features bottomland hardwoods; loblolly pines; and bottomland hardwood forested, scrub-shrub, and fringe emergent wetlands. These wetlands also provide fish spawning and nursery habitat. Access to the parcel is primarily by boat, and there are no obvious public roads on or adjacent to the parcel. This parcel is used for hunting and wildlife observation. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-510. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17-SW
TVA D-Stage Map Numbers	28 and 32
Stream Mile and Bank	Jonathan Creek miles 3.5 and 4.3L
Land Use/Land Cover	Bottomland hardwoods, loblolly pines, and bottomland forested, scrub-shrub, emergent wetlands

Location Component and Public Involvement Opportunities	Parcel Specific Information
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for a wildlife management area
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Coordinate cultural resources management activities with Kentucky Department of Fish and Wildlife Resources • Assess cultural resource protection and/or management needs
Potential Partners	Kentucky Department of Fish and Wildlife Resources

Parcel 511 – (46.2 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts of land and is located along the right descending bank of West Branch Ruff Creek, a tributary to Jonathan Creek mile. The two tracts extend among TVA markers 28–89 to Parcel 512 and 28–22 to Parcel 512. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a high probability for the presence of cultural resources. Water use facilities have not been permitted along the shoreline, but future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-511. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–SW
TVA D–Stage Map Numbers	28
Stream Mile and Bank	West Branch Ruff Creek mile 0.7R Jonathan Creek mile 3L
Land Use/Land Cover	Deciduous forest
Fronts Former TVA Tract (s)	XGIR–138
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	None identified

Parcel 512 – (3.6 acres)*RLMP Allocation: Zone 6, Developed Recreation*

This parcel is located along the right descending bank of the West Branch Ruff Creek at the confluence of Jonathan Creek. This area is under a revocable license to Cedar Knob Resort for commercial recreation. Resort facilities include a marina, boat-launching ramp, swimming beach, rental cabins, and play courts. There is a high probability for the presence of cultural resources in the undeveloped areas. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-512. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D–Stage Map Numbers	28
Stream Mile and Bank	Jonathan Creek mile 3.0L

Parcel 513 – (97.5 acres)*RLMP Allocation: Zone 4, Natural Resource Conservation*

This parcel consists of three tracts of land located along both banks of West Branch Ruff Creek, a tributary to Jonathan Creek. This parcel features bottomland hardwoods; loblolly pines; and high quality and functioning bottomland hardwood forested, scrub-shrub, and fringe emergent wetlands. These wetlands also provide fish spawning and nursery habitat. Historically, embankment plantings were established on portions of this parcel to protect relocated roadway embankments from erosion. Access to the parcel is primarily by boat, and there are no obvious public roads on or adjacent to the parcel. This area is used for hunting small and large game and waterfowl as well as for wildlife observation. There were previous term agricultural licenses on this parcel; however, aerial photography shows that these areas have reverted to bottomland hardwoods. No federally or state-listed species are known to occur on the parcel. A bald eagle nest is located on private property adjacent to the West Branch Ruff Creek drainage and generally southwest of parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-513. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17-SW
TVA D-Stage Map Numbers	28
Stream Mile and Bank	Jonathan Creek mile 2.8L
Land Use/Land Cover	Historic hardwood tree plantings; bottomland hardwoods; scattered loblolly pines; and bottomland forested, scrub-shrub, emergent wetlands
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Embankment planting research • Conduct land condition assessments to determine management options • Conduct forest regeneration inventory for previous agricultural licensed areas
Potential Partners	None identified

Parcel 514 – (11.7 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts of land and is located along both banks of West Branch Ruff Creek. The parcel extends among TVA markers 28-97 to 28-96 and 28-95 to 28-33A. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a medium probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. However, water use facilities will be limited in size and nature due to the proximity of a large wetland fronting the parcel. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-514. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky

Location Component and Public Involvement Opportunities	Parcel Specific Information
Topographic Map (Sheet No. and Quadrant)	17–SW
TVA D–Stage Map Numbers	28
Stream Mile and Bank	West Branch Ruff Creek mile 0.9B
Land Use/Land Cover	Deciduous forest and historic hardwood tree plantings
Fronts Former TVA Tract (s)	XGIR–593 and XGIR–594
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	None identified

Parcel 515 – (33.6 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of three noncontiguous tracts of land and is located along the left descending bank of West Branch Ruff Creek. The three tracts extend among TVA markers 28–103 to 28–102; 28–101 to 28–100; and 28–99 to 28–98. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Sassy Land Subdivision is located on a portion of the back-lying private property. Water use facilities have been permitted along portions of the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-515. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–SW
TVA D–Stage Map Numbers	28
Stream Mile and Bank	West Branch Ruff Creek miles 0.3 to 0.7L
Land Use/Land Cover	Deciduous forest, maintained lawns, and historic hardwood tree plantings
Fronts Former TVA Tract (s)	XGIR–570, XGIR–591, and XGIR–592
Structure Profile	Varies
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 516 – (15.2 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel consists of three tracts of land located along Ruff Creek, a tributary to Jonathan Creek. This parcel features bottomland hardwoods, riparian forests, and bottomland hardwood forested, scrub-shrub, and fringe emergent wetlands. These wetlands also provide fish spawning and nursery habitat. Access to the parcel is by boat, roads, and adjacent property. A portion of the parcel may receive some small and big game hunting. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources. There are existing facilities and/or activities on this parcel that could be permissible under TVA’s policies unless they are determined to be violations. However, requests for new private water use facilities would not be considered.

Table 4-516. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–SW
TVA D–Stage Map Numbers	28
Stream Mile and Bank	Jonathan Creek mile 2.8L
Land Use/Land Cover	Bottomland hardwoods, riparian forests, and bottomland forested, scrub-shrub, emergent wetlands
Known Dispersed Recreation Opportunities	Limited hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Address dispersed recreation impacts
Potential Partners	None identified

Parcel 517 – (77.8 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located at the confluence of three streams: West Branch Ruff Creek, North Branch Ruff Creek, and Jonathan Creek. This parcel features deciduous forest and scattered scrub-shrub and fringe emergent wetlands along the shoreline. Access is by boat with no

obvious access from roads coming into parcel. However, there is some ATV occurring on the parcel. This parcel, locally known as Cedar Knob, receives substantial hunting. A dispersed recreation inventory was conducted in 2006. The analysis identified one site along the shoreline having moderate impacts and was considered a candidate for management actions. No federally or state-listed species are known to occur on the parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-517. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–SW
TVA D–Stage Map Numbers	28
Stream Mile and Bank	Jonathan Creek mile 2.8L
Land Use/Land Cover	Deciduous forests and scattered scrub-shrub, fringe emergent wetlands
Known Dispersed Recreation Opportunities	Limited hunting
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Continued efforts to eliminate unauthorized ATV use
Potential Partners	None identified

Parcel 518 – (26.4 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the right descending bank of North Branch Ruff Creek, a tributary to Jonathan Creek. This area is under a term easement (XTGIR-140RE) to Marshall County, Kentucky for public recreation. The parcel is known as Wesley Village Park, and facilities include a trail, fishing pier, picnic tables, and a picnic pavilion. This parcel has a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-518. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D–Stage Map Numbers	28
Stream Mile and Bank	North Branch Ruff Creek mile 0.7R Jonathan Creek mile 2.8L

Parcel 519 – (86.9 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of four noncontiguous tracts of land and is located along both banks of North Branch Ruff Creek, a tributary to Jonathan Creek. The parcel extends among TVA markers 29–40 to 28–229; 28–225 to 25–32; 25–31 to 25–30; and 25–29 to 28–94. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. TVA–developed Ruff Creek Cabin Sites and New Heights subdivisions are located on a portion of the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-519. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–SW
TVA D–Stage Map Numbers	25, 28, and 29
Stream Mile and Bank	North Branch Ruff Creek miles 0.2 to 1.2B
Land Use/Land Cover	Deciduous forest, maintained lawns, and historic hardwood tree plantings
Fronts Former TVA Tract (s)	XGIR–9, XGIR–15, XGIR–135, XGIR–136, and XGIR–137
Structure Profile	Varies
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 520 – (45.4 acres)*RLMP Allocation: Zone 4, Natural Resource Conservation*

This parcel consists of a two tracts of land located along both banks of North Branch Ruff Creek, a tributary to Jonathan Creek. This parcel features bottomland hardwoods; loblolly pine plantations; and bottomland forested, scrub-shrub, and fringe emergent wetlands. Historically, embankment plantings were established on portions of this parcel to protect relocated roadway embankments from erosion. Access is by Village Road that parallels and bisects a portion of the parcel. This area receives small and big game hunting. No federally or state-listed species are known to occur on this parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-520. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17-SW
TVA D-Stage Map Numbers	25
Stream Mile and Bank	North Branch Ruff Creek mile 1.2B
Land Use/Land Cover	Historic hardwood tree plantings; bottomland hardwoods; loblolly pine plantations; and bottomland forested, scrub-shrub, and fringe emergent wetlands
Known Dispersed Recreation Opportunities	Limited hunting
Current Agreements/Commitments	Revocable license to West Kentucky Rural Electric Cooperative for electric utilities
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Embankment planting research
Potential Partners	None identified

Parcel 521 – (27.2 acres)*RLMP Allocation: Zone 6, Developed Recreation*

This parcel is located along the left descending bank of Jonathan Creek and is bisected by US-68. The portion of the parcel situated upstream of US-68 is under an easement (XTGIR-

138RE) to KDFWR for public recreation. A boat-launching ramp and parking area have been developed on this portion of the parcel. The portion of the parcel situated downstream of US-68 is under an easement (XTGIR-873RE) to Lakeside Landing Campground and Marina for commercial recreation. Facilities at this commercial recreation area include a marina, campground, swimming pool, and picnic pavilion. The undeveloped portion of this parcel has a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-521. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D-Stage Map Numbers	28
Stream Mile and Bank	Jonathan Creek mile 2.5L

Parcel 522 – (212.3 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along the left descending bank of Jonathan Creek and features upland hardwoods and mixed pine woodlands. Access to the parcel is by boat and from Cross Road. A dispersed recreation inventory was conducted in 2006, and the analysis identified one site on the upstream portion of the parcel. This minimal site has informal road access, but the area did not qualify for management actions. Although much of the parcel is steep, some small and big game hunting does occur. No federally or state-listed species are known to occur on this parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-522. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17-SW
TVA D-Stage Map Numbers	29 and 30
Stream Mile and Bank	Jonathan Creek miles 0.2 to 1.8L
Land Use/Land Cover	Upland hardwoods and mixed pine plantations
Known Dispersed Recreation Opportunities	Hunting and camping

Location Component and Public Involvement Opportunities	Parcel Specific Information
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Conduct comprehensive land condition assessment • Address access to known dispersed recreation sites from informal roads • Assess for all terrain vehicle use and/or abuse
Potential Partners	None identified

Parcel 523 – (346.8 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of the Tennessee River at the confluence with Jonathan Creek. This area is under an easement (XTGIR-906RE) to the Four Rivers Boy Scout Council for a group camp and has been designated as Camp Manchester Boy Scout Camp. Facilities include overnight accommodations, boat-launching ramp, boat slips, and picnic pavilion. There is a high probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-523. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D-Stage Map Numbers	26 and 29
Stream Mile and Bank	TRMs 36.3 to 38.2L

Parcel 524 – (39.0 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This parcel consists of islands stretching between TRMs 36.1 and 37.6. This parcel features bottomland/riparian forest and forested, scrub-shrub, and fringe emergent wetlands. These wetlands also provide fish spawning and nursery habitat. Access to the parcel is by boat only; therefore, activity is limited to primarily waterfowl hunting. Some of the islands have been used by nesting colonial wading and/or water birds. In recent years, there have been significant

nesting from double-crested cormorants. No federally or state-listed species are known to occur on the parcel. There is a high probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-524. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17-SW
TVA D-Stage Map Numbers	26
Stream Mile and Bank	TRMs 36.1 to 37.6L
Land Use/Land Cover	Riparian forest and forested, scrub-shrub, fringe emergent wetlands
Known Dispersed Recreation Opportunities	Waterfowl hunting
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for a wildlife management area
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Coordinate cultural resources management activities with Kentucky Department of Fish and Wildlife Resources • Shoreline stabilization on main channel side of islands to protect island vegetation and sensitive cultural resources • Survey islands for colonial wading/water bird and double-crested cormorants nesting and possible impacts to island vegetation • Assess for shoreline stabilization needs associated with cultural resources
Potential Partners	KDFWR

Parcel 525 – (97.5 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel consists of six noncontiguous tracts of land located along the left descending bank of the Tennessee River. This parcel features upland hardwoods and scattered pine interspersed throughout the parcel. Wetlands are present along West Fork Bee Creek and consist of forested, scrub-shrub, and emergent wetlands. These wetlands also provide fish spawning and nursery habitat. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. Access to the parcel is by boat and from informal and formal roads. Unauthorized ATV use has historically occurred in this area.

The parcel receives small and big game hunting with some waterfowl hunting also occurring. Camping may occur along the shoreline and near areas accessible by informal roads. An informal boat-launching ramp is also present at the end of Hickory Park Lane. No federally or state-listed species are known to occur on this parcel. The level areas of this parcel have a medium probability for the presence of cultural resources; the steep areas have a low probability for the presence of cultural resources. There are existing facilities on this parcel that could be permissible under TVA’s policies unless they are determined to be violations. However, requests for new private water use facilities would not be considered.

Table 4-525. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–SW
TVA D–Stage Map Numbers	22, 23, 25, and 26
Stream Mile and Bank	TRMs 34.8 to 36.7L
Land Use/Land Cover	Upland hardwoods, mixed pine plantations, and forested, scrub-shrub and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting and camping
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to the Commonwealth of Kentucky for a wildlife management area • Revocable license to West Kentucky Rural Electric Cooperative for electric utilities
Potential Projects	<ul style="list-style-type: none"> • Continued efforts to eliminate unauthorized ATV use • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Assess for dispersed recreation • Address access to known dispersed recreation sites from informal roads
Potential Partners	Kentucky Department of Fish and Wildlife Resources

Parcel 526 – (187.2 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of six noncontiguous tracts of land and is located along the left descending bank of the Tennessee River. The six tracts of land extend from Parcel 528 to TVA marker 22–6; TVA markers 22–3 to Parcel 527; Parcel 527 to Parcel 525; Parcel 525 to Parcel 525; Parcel 525 to Parcel 525; TVA markers 25–18 to 26–26; TVA markers 26–25 to 26–24. This parcel lies

entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Cemetery Hill Subdivision and Crosswind Estates are located on a portion of the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-526. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17-SW
TVA D-Stage Map Numbers	23, 25, and 26
Stream Mile and Bank	TRMs 35 to 36.3L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-132, XGIR-133, XGIR-134, XGIR-613, and XGIR-614
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to the Commonwealth of Kentucky for a wildlife management area

Parcel 527 – (1.8 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the right descending bank of the West Fork Bee Creek, a tributary to the Tennessee River. This area is under a revocable license to Hickory Hill Five-Star Resort for commercial recreation. Facilities at this commercial operation include a marina, boat-launching ramp, swimming beach, swimming pool, picnic area, rental cabins, and play courts. There is a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-527. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D-Stage Map Numbers	23
Stream Mile and Bank	TRM 34.8L

Parcel 528 – (9.1 acres)*RLMP Allocation: Zone 6, Developed Recreation*

This parcel is located along the left descending bank of West Fork Bee Creek, a tributary to the Tennessee River. The area is under a revocable license to Shawnee Bay Resort for commercial recreation. Facilities include a marina, boat-launching ramp, swimming beach, picnic facilities, rental cabins, and play courts. The undeveloped portion of this parcel has a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-528. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D–Stage Map Numbers	23
Stream Mile and Bank	TRM 34.5L

Parcel 529 – (104.4 acres)*RLMP Allocation: Zone 7, Shoreline Access*

This parcel consists of two noncontiguous tracts of land and is located along the left descending bank of TRM 34. The parcel is situated among parcels 528, 530, and 531. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Kentucky Lake Subdivision is located on the back-lying property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-529. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–NW
TVA D–Stage Map Numbers	22D and 23
Stream Mile and Bank	TRM 34.0L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–131, XGIR–609, XGIR–610, XGIR–611, XGIR–612, and XGIR–634
Structure Profile	Elevation 381–foot msl

Location Component and Public Involvement Opportunities	Parcel Specific Information
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to the Commonwealth of Kentucky for a wildlife management area

Parcel 530 – (30.2 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This parcel consists of a peninsula located along the left descending bank of the Tennessee River. This parcel features upland hardwoods and scattered mixed pine interspersed throughout the parcel. This parcel serves as a visual buffer from nearby shoreline development. Access to the parcel is by boat and from an informal road to McLoad Cemetery which allows for limited hunting and camping. No federally or state-listed species are known to occur on this parcel. There is a high probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-530. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–SW
TVA D–Stage Map Numbers	23
Stream Mile and Bank	TRM 34.4L
Land Use/Land Cover	Upland hardwoods and mixed pine plantations
Known Dispersed Recreation Opportunities	Hunting and camping
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for a wildlife management area
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Assess for cultural resources management actions • Coordinate cultural resources management activities with Kentucky Department of Fish and Wildlife Resources
Potential Partners	Kentucky Department of Fish and Wildlife Resources

Parcel 531 – (2.6 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of the Tennessee River and east of Barge Island Road. The area is under a revocable license to Hester’s Resort and Marina for commercial recreation. Facilities at this area include a marina, boat-launching ramp, swimming beach, rental cabins, picnic area, and play courts. There is a low probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-531. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D–Stage Map Numbers	23
Stream Mile and Bank	TRM 33.5L

Parcel 532 – (14.3 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts of land and is located along left the descending bank of TRM 33.5. The parcel extends from Parcel 534 to TVA marker 22–22 and TVA marker 22–52 to Parcel 531. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-532. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–NW
TVA D–Stage Map Numbers	22
Stream Mile and Bank	TRM 33.5L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–130, XGIR–607, and XGIR–609
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	None identified

Parcel 533 – (22.3 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of the Tennessee River and east of Barge Island Road. The area is under a revocable license to Southern Komfort Resort for commercial recreation. Facilities at this commercial recreation area include a marina, boat-launching ramp, swimming beach, campground, rental cabins, and restaurant. The undeveloped portion of this parcel has a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-533. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D-Stage Map Numbers	23
Stream Mile and Bank	TRM 33.2L

Parcel 534 – (19.4 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the right descending bank of Bee Spring, a tributary to the Tennessee River. The parcel is under a revocable license to Bee Spring Lodge for commercial recreation. Facilities at this area include a boat-launching ramp, campground, motel, rental cabins, and restaurant. The undeveloped portion of this parcel has a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-534. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D-Stage Map Numbers	19
Stream Mile and Bank	TRM 33L

Parcel 535 – (30.6 acres)*RLMP Allocation: Zone 7, Shoreline Access*

This parcel is located along left the descending bank of the TRM 32.9. The parcel extends between TVA markers 19–38 to Parcel 534. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-535. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–NW
TVA D–Stage Map Numbers	19 and 22
Stream Mile and Bank	TRM 32.9L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–130 and XGIR–605
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 536 – (101.3 acres)*RLMP Allocation: Zone 4, Natural Resource Conservation*

This parcel is located along the left descending bank of the Tennessee River and on the east side of Birmingham Point. This parcel features upland hardwoods and scattered mixed pine. Access to the parcel is by boat and an unimproved road. Hunting and camping occur on the parcel. No federally or state-listed species are known to occur on this parcel. There is a high probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-536. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–SW
TVA D–Stage Map Numbers	23

Location Component and Public Involvement Opportunities	Parcel Specific Information
Stream Mile and Bank	TRM 34.4L
Land Use/Land Cover	Upland hardwoods and mixed pine plantations
Known Dispersed Recreation Opportunities	Hunting and camping
Current Agreements/Commitments	Revocable license to West Kentucky Rural Electric Cooperative for electric utilities
Potential Projects	<ul style="list-style-type: none"> • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Conduct comprehensive land condition assessment • Assess for all terrain vehicle use and/or abuse • Protective measures for onsite cultural resources protection • Systematic survey for historic properties
Potential Partners	None identified

Parcel 537 – (81.8 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of the Tennessee River near the confluence with Big Bear Creek. The parcel extends between TVA markers 19–34 to 19–45, and Barge Island Road provides primary access to the parcel. The parcel includes three developed recreation areas.

Barge Island Boat Ramp is located along the right descending bank of Big Bear Creek. This area is under a revocable license to Marshall County, Kentucky, for public recreation. Facilities at this area include a boat-launching ramp and parking area.

Barge Island (Birmingham Point) Recreation Area is located at the confluence of Big Bear Creek and the Tennessee River. TVA originally developed this area; however, it is now under a lease (XGIR-927L) to a commercial operator. Facilities include a campground, swimming beach, picnic facilities, and play courts.

The remainder of this parcel extends between TVA markers 19–43 to 19–45. The back-lying property is former TVA property (XGIR-819) and was sold via Section 4(k)(a) of the TVA Act to the Bear Creek Girl Scout Council. The back-lying property is currently used as Kentuckiana Girl Scout Camp and future development is restricted to recreational purposes. The shoreline parcel is utilized for water-based activities such as swimming, boating, and fishing. The undeveloped

portion of this parcel has a high probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-537. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D–Stage Map Numbers	19
Stream Mile and Bank	TRMs 31.2–32.1L

Parcel 538 – (14.3 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

This parcel is a small island located near the mouth of Bear Creek and the Barge Island Recreation Area. This parcel features upland hardwoods and scattered mixed pine woodlands. During summer months, access to the parcel is by boat; however, the parcel is connected to the mainland during winter months. The shoreline appears to be relatively steep which limits shoreline dispersed recreation use. The parcel may receive some use from the nearby commercial campground for hiking and nature viewing. No federally or state-listed species are known to occur on this parcel. There is a high probability for the presence of cultural resources. Birmingham Cemetery is located on the parcel. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-538. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–NW
TVA D–Stage Map Numbers	16
Stream Mile and Bank	TRM 31.1L
Land Use/Land Cover	Upland hardwoods and mixed pine woodlands
Known Dispersed Recreation Opportunities	Hiking and wildlife observation
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Refresh the existing paint denoting TVA’s property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Protective measures for onsite cultural resources protection • Systematic survey for historic properties

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Partners	None identified

Parcel 539 – (21.0 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of Big Bear Creek. The tract extends between TVA markers 19–42 to 19–34. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawn. There is a high probability for the presence of cultural resources. One water use facility has been constructed along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-539. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–NW
TVA D–Stage Map Numbers	19
Stream Mile and Bank	Big Bear Creek miles 0.4 to 0.7R
Land Use/Land Cover	Deciduous forest and maintained lawn
Fronts Former TVA Tract (s)	XGIR–822
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Approved water use facility

Parcel 540 – (299.3 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the right descending bank of Big Bear Creek, a tributary to the Tennessee River. This area is under easements (XTGIR-78E and XTGIR-78RE) to the Commonwealth of Kentucky for public recreation. This area is known as Camp John Currie and includes a museum, nature center, fishing pier, overnight accommodations, and swimming pool. Midland softshell turtle hatchlings, a state-listed species of concern, were recorded on this parcel in 1984. The undeveloped portion of this parcel has a high probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-540. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D–Stage Map Numbers	19
Stream Mile and Bank	Big Bear Creek miles 0.7 to 2.3R

Parcel 541 – (25.2 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along right the descending bank of Big Bear Creek. The parcel extends between TVA markers 22–65 to 22–28. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. However, water use facilities could be limited to in size and nature due to the proximity of a large wetland. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-541. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–NW and 17–SW
TVA D–Stage Map Numbers	22
Stream Mile and Bank	Big Bear Creek mile 2.4R
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–589 and XGIR–590
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to the Commonwealth of Kentucky for a wildlife management area

Parcel 542 – (85.8 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel consists of three noncontiguous tracts of land located along both banks of Big Bear Creek. This parcel features forested, scrub-shrub and emergent wetlands of high quality and function. These wetlands also provide fish spawning and nursery habitat. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. Access to the parcel is by boat and road access is limited. Bear Creek Rookery State Natural Area, which supported a large nesting colony of great blue herons, is located on the western portion of this parcel. There is a memorandum of agreement with Kentucky Nature Preserves Commission for the registration and recognition of this state natural area. The parcel receives extensive hunting. No federally or state-listed species are known to occur on this parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-542. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–NW and 17–SW
TVA D–Stage Map Numbers	22
Stream Mile and Bank	Big Bear Creek miles 2.8 to 3B
Land Use/Land Cover	Forested, scrub-shrub and emergent wetlands of high quality and function
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to the Commonwealth of Kentucky for a wildlife management area • Memorandum of agreement between TVA and the Kentucky Nature Preserves Commission regarding the state natural area
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Wetlands management • Assess and inventory the Bear Creek Rookery wading bird nesting colony • Implement natural areas management plan
Potential Partners	<ul style="list-style-type: none"> • Kentucky Department of Fish and Wildlife Resources • Kentucky Nature Preserves Commission

Parcel 543 – (38.1 acres)*RLMP Allocation: Zone 7, Shoreline Access*

This parcel consists of three noncontiguous tracts of land and is located along both banks of Big Bear Creek, a tributary to the Tennessee River. The parcel extends among TVA markers 22–46 to 22–68; 22–61 to 22–62; and 22–63 to 22–64. This parcel lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a medium probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. However, water use facilities will be limited to in size and nature due to the proximity of a large wetland. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-543. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–NW and 17–SW
TVA D–Stage Map Numbers	22–D
Stream Mile and Bank	Big Bear Creek mile 2.8B
Land Use/Land Cover	Deciduous forest and wetlands
Fronts Former TVA Tract (s)	XGIR–587
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	Revocable license to the Commonwealth of Kentucky for a wildlife management area

Parcel 544 – (63.6 acres)*RLMP Allocation: Zone 7, Shoreline Access*

This parcel is located along left the descending bank of Big Bear Creek. The parcel extends from Parcel 545 to TVA marker 22–70. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. However, water use facilities will be limited to in size and nature due to the proximity of a large wetland. Potential

impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-544. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17-NW
TVA D-Stage Map Numbers	18 and 22
Stream Mile and Bank	Big Bear Creek miles 2 to 2.9L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-128, XGIR-129, and XGIR-569
Structure Profile	Varies
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to the Commonwealth of Kentucky for a wildlife management area

Parcel 545 – (3.9 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the right descending bank of King Creek, a tributary to Big Bear Creek. The parcel is under a revocable license to King Creek Resort for commercial recreation. Facilities at the resort include a marina, boat-launching ramp, swimming beach, campground, rental cabins, and play courts. There is a low probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-545. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D-Stage Map Numbers	18
Stream Mile and Bank	Big Bear Creek mile 2L King Creek mile 0.3R

Parcel 546 – (30.9 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along right the descending bank of King Creek and left descending bank of Big Bear Creek. The parcel extends between TVA markers 18-43 to Parcel 545. This parcel

lies entirely below the 375-foot msl, and the current land cover is deciduous forest. There is a medium probability for the presence of cultural resources. One water use facility has been permitted and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-546. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17-NW
TVA D-Stage Map Numbers	18
Stream Mile and Bank	King Creek miles 0.3 to 0.6R Big Bear Creek mile 2L
Land Use/Land Cover	Deciduous forest
Fronts Former TVA Tract (s)	XGIR-586
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	Approved water use facility

Parcel 547 – (78.1 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel consists of four noncontiguous tracts of land located along both banks of King Creek and Malcolm Creek. This parcel features bottomland forested, scrub-shrub, and emergent fringe wetlands of high quality and function. There is also some perennial hay present. This parcel serves as a visual buffer from nearby shoreline development in addition to providing numerous riparian habitat functions. Access to the parcel is by boat and from Ken Wood Road. Hunting, camping, and wildlife observation occur throughout this parcel. There is a historical record for a Great blue heron nesting colony in the Malcolm Creek area. No other federally or state-listed species are known to occur on this parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-547. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17-NW
TVA D-Stage Map Numbers	18

Location Component and Public Involvement Opportunities	Parcel Specific Information
Stream Mile and Bank	King Creek miles 0.3 to 0.6R Big Bear Creek mile 2L
Land Use/Land Cover	Forested, scrub-shrub and emergent wetlands of high quality and function
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	Term agricultural license for perennial hay
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries. • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Conduct comprehensive land condition assessment • Assess historic colonial wading bird nesting colony
Potential Partners	<ul style="list-style-type: none"> • Kentucky Department of Fish and Wildlife Resources • KY Nature Preserves Commission

Parcel 548 – (55.1 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of three noncontiguous tracts of land and is located along the right descending bank of Malcolm Creek and left descending bank of King Creek. The parcel extends among TVA markers 18–11 to Parcel 550; 19–25 to 19–26, and 19–26 to 18–44. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. TVA-developed Malcolm Creek Subdivision is located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-548. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–NW
TVA D–Stage Map Numbers	18

Location Component and Public Involvement Opportunities	Parcel Specific Information
Stream Mile and Bank	Big Bear Creek mile 2L King Creek miles 0 to 0.8L Malcolm Creek miles 0.2 to 0.7R
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-124, XGIR-588, and XGIR-568
Structure Profile	Varies
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 549 – (6.2 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of Big Bear Creek, a tributary to the Tennessee River. Big Bear Highway provides access to the property. This area is under an easement (XTGIR-130WA) to Marshall County, Kentucky, for public recreation. This area is known as Bear Creek Day Use Park, and amenities include a boat-launching ramp, picnic pavilions, picnic area, fishing pier, restrooms, and play courts. Undisturbed portions of this parcel have a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-549. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D-Stage Map Numbers	18
Stream Mile and Bank	Big Bear Creek mile 1.6L

Parcel 550 – (17.1 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of Big Bear Creek at the confluence of Malcolm Creek. The back-lying property is former TVA property (XGIR-125 and XGIR-636) and was sold via Section 4(k)(a) of the TVA Act for commercial recreation purposes. The back-lying property is managed as a part of Big Bear Resort, and future development of this parcel is restricted to recreational purposes. Resort facilities include a marina, boat-launching ramp, swimming beach, fishing pier, campground, rental cabins, swimming pool, and play courts. Undisturbed portions of this parcel have a medium probability for the presence of cultural

resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-550. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D–Stage Map Numbers	18
Stream Mile and Bank	Big Bear Creek miles 1.3 to 1.6L

Parcel 551 – (7.0 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the right descending bank of Malcolm Creek, a tributary to Big Bear Creek. The upstream portion of the parcel is under a revocable license to Malcolm Creek Resort for commercial recreation. Resort facilities include a marina, boat-launching ramp, swimming beach, campground, rental cabins, and swimming pool. The downstream portion of the parcel is under a revocable license to Whispering Oaks Resort for commercial recreation. Facilities at this resort include a marina, boat-launching ramp, beach, picnic pavilion, rental cabins, and play courts. Undisturbed portions of this parcel have a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-551. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D–Stage Map Numbers	18
Stream Mile and Bank	Malcolm Creek mile 0.8L

Parcel 552 – (27.2 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the right descending bank of Malcolm Creek, a tributary to Big Bear Creek. The parcel extends among TVA markers 18–45 to Parcel 551. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest, maintained lawns, and perennial hay. There is a medium probability for the presence of cultural resources. Holland Acres Subdivision is located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be

considered. Records of a colonial wading bird colony within in this parcel included records of the great egret, a state endangered species. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-552. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–NW
TVA D–Stage Map Numbers	18
Stream Mile and Bank	Malcolm Creek mile 0.8R
Land Use/Land Cover	Deciduous forest, maintained lawns, and perennial hay
Fronts Former TVA Tract (s)	XGIR–584 and XGIR–585
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Term agricultural license for perennial hay • Revocable license to West Kentucky Rural Electric Cooperative for electric utilities

Parcel 553 – (25.1 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts of land and is located along the right descending bank of Malcolm Creek. The parcel extends among TVA markers 18–51 to 18–50 and 18–49 to 18–48. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest, maintained lawns, and perennial hay. There is a medium probability for the presence of cultural resources. Holland Acres Subdivision is located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-553. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–NW
TVA D–Stage Map Numbers	18–D

Location Component and Public Involvement Opportunities	Parcel Specific Information
Stream Mile and Bank	Malcolm Creek mile 1.2R
Land Use/Land Cover	Deciduous forest, maintained lawns, and perennial hay
Fronts Former TVA Tract (s)	XGIR-583, XGIR-584, and XGIR-585
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Term agricultural license for perennial hay • Revocable license to West Kentucky Rural Electric Cooperative for electric utilities

Parcel 554 – (53.6 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of Big Bear Creek. The parcel extends between TVA markers 16-41 to 18-52. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. TVA-developed Birmingham and Brien subdivisions are located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-554. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17-NW
TVA D-Stage Map Numbers	16 and 18
Stream Mile and Bank	Big Bear Creek miles 0.4 to 1R
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-121, XGIR-122, XGIR-567, and XGIR-587
Structure Profile	Varies
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 555 – (85.2 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along the left descending bank of Buckhorn Creek. This area features upland hardwoods, mixed pine, bottomland hardwoods, and shoreline fringe wetlands. Access

to the parcel is by boat. A dispersed recreation inventory was conducted in 2006, and the analysis identified two dispersed recreation sites on the parcel. However, the sites contain minimal impacts, and no management actions were proposed. Hunting, camping, and wildlife observation occur on this relatively large area. From 1993 to 1995, forestry management activities were conducted on this parcel including a shelterwood and a small regeneration harvest. No federally or state-listed species are known to occur on this parcel. There is a medium probability for the presence of cultural resources. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-555. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17-NW
TVA D-Stage Map Numbers	16
Stream Mile and Bank	Bear Creek mile 0.5L
Land Use/Land Cover	Bottomland hardwoods, shoreline fringe wetlands, and upland hardwoods
Known Dispersed Recreation Opportunities	Hunting, camping, and wildlife observation
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Conduct comprehensive land condition assessment • Follow-up on previous forestry actions to determine outcomes and success • Conduct follow up assessments on known dispersed recreation sites
Potential Partners	None identified

Parcel 556 – (27.6 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the Buckhorn Bay inlet of Big Bear Creek. The parcel is under an easement (XTGIR-143RE) to Marshall County, Kentucky for public recreation. Buckhorn Bay Day Use Area is present on the parcel, and facilities include a boat-launching ramp, fishing pier, picnic pavilion, picnic area, and restrooms. The undeveloped portion of this parcel has a medium probability for the presence of cultural resources, but the area has not been surveyed.

Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-556. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D-Stage Map Numbers	16
Stream Mile and Bank	Big Bear Creek mile 0.5L

Parcel 557 – (19.6 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the Buckhorn Bay inlet of Big Bear Creek. The parcel extends among from TVA marker 16-44 to Parcel 558. The parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. A portion of Mor-Land Subdivision is located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-557. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17-NW
TVA D-Stage Map Numbers	16
Stream Mile and Bank	Big Bear Creek mile 0.5L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-104
Structure Profile	Elevation 381-foot msl
Current Agreements/Commitments	<ul style="list-style-type: none"> • Revocable license to South Central Bell for telephone lines • Revocable license to Meriwether-Lewis Electric Cooperative for electric utilities • Revocable license to West Kentucky Rural Electric Cooperative for electric utilities • Approvals for private water use facilities

Parcel 558 – (24.6 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located at the confluence of Big Bear Creek and the Tennessee River. The parcel is under an easement (XGIR-879RE) to Moor’s Resort for commercial recreation. The resort includes a marina, boat-launching ramp, swimming beach, campground, motel, rental cabins, restaurant, swimming pool, play courts, and a golf course. There is a low probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-558. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D–Stage Map Numbers	16
Stream Mile and Bank	TRM 30.9L

Parcel 559 – (185.9 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of Tennessee River between TRM 27 and 30.5. This parcel also includes most of the right descending bank of Little Bear Creek. The parcel extends between TVA markers 13–63 to Parcel 558. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest, wetlands, and maintained lawns. There is a medium probability for the presence of cultural resources. Cambridge Shores Subdivision, Buena Vista Estates, Sherwood Shores Subdivision, a portion of Mor–Land Subdivision and TVA–developed Marshall Subdivision are located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-559. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	6–NE and 17–NW
TVA D–Stage Map Numbers	10, 13, 14, and 16

Location Component and Public Involvement Opportunities	Parcel Specific Information
Stream Mile and Bank	TRMs 27 to 30.5L Little Bear Creek miles 0 to 2R
Land Use/Land Cover	Deciduous forest, maintained lawns, and wetlands
Fronts Former TVA Tract (s)	XGIR-99, XGIR-100, XGIR-101, XGIR-102, XGIR-103, and XGIR-104
Structure Profile	Varies
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easement to Marshall County, Kentucky, for a roadway • Approvals for private water use facilities

Parcel 560 – (1.7 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This small parcel is an island located north of Cambridge Shores Subdivision. This parcel features upland hardwoods and scattered mixed pine woodlands, and access to the parcel is by boat only. The shoreline appears to be relatively steep which limits shoreline recreation use and minimizes use by campers. No federally or state-listed species are known to occur on this parcel. The island parcel could be used by colonial nesting wading and/or water birds. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-560. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17-NW
TVA D-Stage Map Numbers	14
Stream Mile and Bank	TRM 27.9L
Land Use/Land Cover	Upland hardwoods and mixed pine woodlands
Known Dispersed Recreation Opportunities	Limited camping
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Placement of TVA property and public lands signs along parcel boundaries and shoreline if deemed necessary • Assess for shoreline erosion issues • Survey island for nesting wading/water bird use
Potential Partners	None identified

Parcel 561 – (201.0 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along both descending banks of Little Bear Creek. The parcel features upland hardwoods; pines; and bottomland forested, scrub-shrub, and fringe emergent wetlands of high quality and function. These wetlands also provide fish spawning and nursery habitat. There are also associated mud flats during winter months. Access to the parcel is by boat and the back-lying private property. ATV's are accessing parcel from back-lying property and informal roads and trails. Hunting, hiking, and wildlife observation occurs on the parcel. No federally or state-listed endangered, threatened or special status species are known to occur on this parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-561. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	6-NE
TVA D-Stage Map Numbers	13
Stream Mile and Bank	Bear Creek miles 1.3 to 2.3B
Land Use/Land Cover	Mudflats, upland hardwoods and pines, and bottomland forested wetlands, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting, wildlife observation, and hiking
Current Agreements/Commitments	None identified
Potential Projects	<ul style="list-style-type: none"> • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Conduct comprehensive land condition assessment • Address all terrain vehicle use/abuse • Address informal trail system • Systematic survey for historic properties
Potential Partners	Kentucky Department of Fish and Wildlife Resources

Parcel 562 – (97.8 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel is located along the left descending bank of Little Bear Creek and left descending bank of TRM 26.9. The parcel extends among TVA markers 16 to Parcel 563 and 13–49A to Parcel 563. TVA–developed Little Bear Creek Subdivision and Running Bear Subdivision are located on the back-lying private property. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-562. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	6–NE and 17–NW
TVA D–Stage Map Numbers	10 and 13
Stream Mile and Bank	Little Bear Creek miles 0 to 1.3L TRMs 26.3 to 26.8L
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR–3, XGIR–92, XGIR–95, and XGIR–96
Structure Profile	Varies
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approvals for private water use facilities • Revocable license to a private individual for recreational use

Parcel 563 – (1.5 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located at the confluence of Little Bear Creek and the Tennessee River. The parcel is under a revocable license to Marshall, County, Kentucky, for public recreation. This park is known as Little Bear Creek Ramp and includes a boat-launching ramp, fishing pier, picnic pavilion, and overlook area. There is a low probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-563. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D–Stage Map Numbers	10
Stream Mile and Bank	TRM 26.7L

Parcel 564 – (940.3 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This large parcel is located along the right descending bank of Sledd Creek. This parcel features a mixture of perennial hay land and upland hardwoods. The area also contains bottomland forested wetlands and shoreline fringe, scrub-shrub, and emergent wetlands. These wetlands also provide fish spawning and nursery habitat. Access to the parcel is by boat, back-lying property, and a nearby public boat-launching ramp. Three term agricultural licenses for perennial hay are present, and the area could be a featured native grassland wildlife habitat. A portion of the parcel will be converted to native warm season grasses for wildlife benefits. No federally or state-listed species are known to occur on this parcel. One bald eagle nest was recorded on this parcel and it is not known to be active at this time; however inactivity does not mean the nest is permanently inactive. There is a high probability for the presence of cultural resources, but only a portion has been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-564. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	17–NW and 6–NE
TVA D–Stage Map Numbers	6,9, and 10
Stream Mile and Bank	TRMs 25 to 26.5L
Land Use/Land Cover	Upland hardwoods, perennial hay/grasslands, and bottomland forested, shoreline fringe, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	Term agricultural license for perennial hay

Location Component and Public Involvement Opportunities	Parcel Specific Information
Potential Projects	<ul style="list-style-type: none"> • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Address dispersed site impacts for potential needs • Large scale native warm season grasses and wildlife habitat demonstration with agricultural partners • Systematic survey for historic properties
Potential Partners	Kentucky Department of Fish and Wildlife Resources

Parcel 565 – (26.6 acres)

RLMP Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts located along the right descending bank of Sledd Creek and left descending bank of TRM 25.7. The two tracts extend among TVA markers 9–22 to 9–25 and 24 to 23. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and pasture. There is a high probability for the presence of cultural resources. Water use facilities have not been constructed along the shoreline, but future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-565. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	6–NE
TVA D–Stage Map Numbers	9 and 10
Stream Mile and Bank	Sledd Creek mile 0.4R TRM 25.7L
Land Use/Land Cover	Deciduous forest and pasture
Fronts Former TVA Tract (s)	XGIR–90 and XGIR–91
Structure Profile	Elevation 381–foot msl
Current Agreements/Commitments	None identified

Parcel 566 – (24.6 acres)*RLMP Allocation: Zone 6, Developed Recreation*

This parcel is located along the left descending bank of Sledd Creek, a tributary to the Tennessee River. A portion of this parcel is under a revocable license to KDFWR for public recreation. A boat-launching ramp and parking area have been developed by KDFWR in partnership with TVA. The parcel includes additional land to accommodate future expansion of public recreation facilities. The undeveloped portion of this parcel has a medium probability for the presence of cultural resources, but the area has not been surveyed. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-566. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D–Stage Map Numbers	9
Stream Mile and Bank	Sledd Creek mile 1.5L TRM 25L

Parcel 567 – (79.4 acres)*RLMP Allocation: Zone 7, Shoreline Access*

This parcel is located along the left descending bank between TRMs 24 and 25. This parcel extends between TVA marker SC–4 to Parcel 564. This parcel lies entirely below the 375-foot msl, and the current land use is deciduous forest and maintained lawns. There is a medium probability for the presence of cultural resources. TVA–developed Sledd Creek Subdivision is located on the back-lying private property. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered. Potential impacts to wetlands or other resources and any resulting mitigation from proposed water use facilities would be evaluated during a site-specific environmental review.

Table 4-567. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	6–NE
TVA D–Stage Map Numbers	6
Stream Mile and Bank	TRMs 24 to 25L

Location Component and Public Involvement Opportunities	Parcel Specific Information
Land Use/Land Cover	Deciduous forest and maintained lawns
Fronts Former TVA Tract (s)	XGIR-783
Structure Profile	Varies
Current Agreements/Commitments	Approvals for private water use facilities

Parcel 568 – (157.1 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is located along the left descending bank of the Tennessee River. The parcel extends between the left abutments of Kentucky Dam to TVA marker SC-4. The back-lying property is former TVA property (XTGIR-56) and was transferred to the Commonwealth of Kentucky for public recreation. This parcel is also under an easement (also XTGIR-56) to the Commonwealth of Kentucky for public recreation. The back-lying property along with this parcel is collectively managed as Kentucky Dam Village State Park. Facilities in this part of the park include a marina, boat-launching ramp, swimming beaches, motel, rental cottages, swimming pool, restaurant, play courts, golf course, riding stables, trails, picnic areas, and pavilions. The shoreline parcel is utilized for water-based activities such as swimming, boating, and fishing. The undeveloped portion of this parcel has a medium probability for the presence of cultural resources, but the area has not been surveyed. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-568. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D-Stage Map Numbers	5
Stream Mile and Bank	TRMs 22.6 to 23.7L

Parcel 569 – (146.7 acres)

RLMP Allocation: Zone 6, Developed Recreation

This parcel is comprised of two noncontiguous tracts of land located along the left descending bank of the Tennessee River and below Kentucky Dam.

The western portion of the parcel is under a permanent easement (XTGIR-73E) to the Commonwealth of Kentucky for public recreation. This area is managed as a part of Kentucky

Dam Village State Park. Facilities in this part of the park include a campground, camp store, recreation pavilion, and playgrounds.

The eastern portion of this parcel is adjacent to the tailwaters of Kentucky Dam. This area is under a permanent easement agreement (XTGIR-75E) to the Commonwealth of Kentucky. This area is considered part of Kentucky Dam Village State Park; however, the area is managed by KDFWR. Facilities on this portion of the parcel include a boat-launching ramp and parking area. The undeveloped portion of this parcel has a high probability for the presence of cultural resources, but only portions of the area have been surveyed. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-569. Parcel Information

Location Component	Parcel Specific Information
County, State	Marshall, Kentucky
TVA D–Stage Map Numbers	3–1 and 4
Stream Mile and Bank	TRM 21.6L

Parcel 570 – (75.8 acres)

RLMP Allocation: Zone 4, Natural Resource Conservation

This parcel is located along the left descending bank of the Tennessee River and downstream of the Interstate 24 Bridge. This parcel features mostly bottomland hardwoods and bottomland forested wetlands with some perennial hay. Access to the parcel is by boat, adjoining private property, and transmission line corridors. Hunting and ATV use occurs on the parcel. One record of trepocarpus (*Trepocarpus aethusae*), a state-listed species of concern is located within this parcel. There is a medium probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-570. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	5–SE
TVA D–Stage Map Numbers	3
Stream Mile and Bank	TRMs 19 to 19.3L

Location Component and Public Involvement Opportunities	Parcel Specific Information
Land Use/Land Cover	Bottomland hardwoods, bottomland forested wetlands, and perennial hay/grassland
Known Dispersed Recreation Opportunities	Hunting and wildlife observation
Current Agreements/Commitments	Term agricultural license for perennial hay
Potential Projects	<ul style="list-style-type: none"> • Systematic survey for historic properties • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Address all terrain vehicle use and abuse
Potential Partners	None identified

Parcel 571 – (76.7 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

The proposed Tupelo–Cypress Swamp HPA and SWA are located along the left descending bank of the Tennessee River and downstream of Kentucky Dam. This area features a bottomland wetland/swamp. Tupelo gum is the dominate species with bald cypress trees scattered throughout. This area has standing water throughout the year except during drought conditions. Access to the parcel is by boat, from an adjacent road, and via transmission line corridors. Hunting and ATV use occurs on the parcel. Installation of a boardwalk and interpretive signage would facilitate low impact recreation while educating the public. Potential partnerships could be established with Kentucky State Nature Preserves Commission, Kentucky Nature Conservancy, Western Kentucky University, Murray State University, and other educational institutions. Within this parcel, there is one record of Carolina silverbell, a state-listed endangered species. There is a high probability for the presence of cultural resources, but the area has not been surveyed. No existing shoreline improvements are currently present, and requests for private water use facilities would not be considered.

Table 4-571. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	5–SE
TVA D–Stage Map Numbers	3
Stream Mile and Bank	TRMs 19 to 19.6L
Land Use/Land Cover	Bottomland hardwoods, bottomland forested wetlands, and tupelo gum/bald cypress swamp

Location Component and Public Involvement Opportunities	Parcel Specific Information
Known Dispersed Recreation Opportunities	Hunting
Current Agreements/Commitments	Proposed registry agreement with Kentucky Nature Conservancy and Kentucky Nature Preserves Commission
Potential Projects	<ul style="list-style-type: none"> • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries and shoreline • Systematic survey for historic properties • Complete biological inventory • Ecological education and research • Install a boardwalk with interpretive signage for public use • Address all terrain vehicle use and abuse
Potential Partners	<ul style="list-style-type: none"> • Kentucky State Nature Preserves Commission • Kentucky Nature Conservancy • Western Kentucky University • Murray State University • University of Tennessee at Martin

Parcel 572 – (148.4 acres)

RLMP Allocation: Zone 3, Sensitive Resource Management

The TVA natural area Cypress Creek Slough HPA is located along Cypress Creek off Kentucky Reservoir shoreline proper. This area features a bottomland wetland and forested slough that is of high quality and function. This area has standing water throughout the year except during drought conditions. Access to the parcel is from adjacent roads and a transmission line corridor. Hunting and wildlife observation may occur on the parcel. There are known occurrences of several globally rare and state-listed species found here: Cypress knee sedge, Texas lilliput, brown creeper, bird-voiced treefrog and others. There is a high probability for the presence of cultural resources, but the area has not been surveyed.

Table 4-572. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Marshall, Kentucky
Topographic Map (Sheet No. and Quadrant)	5-SE
TVA D-Stage Map Numbers	3
Stream Mile and Bank	TRMs 19 to 19.6L
Land Use/Land Cover	Bottomland hardwoods and forested wetlands
Known Dispersed Recreation Opportunities	Hunting, wildlife observation, and nature study

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Location Component and Public Involvement Opportunities	Parcel Specific Information
Current Agreements/Commitments	Registry agreement with Kentucky Nature Conservancy and Kentucky Nature Preserves Commission
Potential Projects	<ul style="list-style-type: none"> • Refresh the existing paint denoting TVA's property boundaries • Placement of TVA property and public lands signs along parcel boundaries • Systematic survey for historic properties • Complete biological inventory • Ecological education and research • Implement natural areas management plan
Potential Partners	<ul style="list-style-type: none"> • Kentucky State Nature Preserves Commission • Kentucky Nature Conservancy • Western Kentucky University • Murray State University • University of Tennessee at Martin

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CHAPTER 5. PLANNING TEAM

J. Kenley Austin

Position: Program Manager, Reservoir Land Use and Permitting
Education: B.S., Biology and Geography
Experience: 12 years in Planning and Managing Land; 8 years in Natural Resource Management
Involvement: Planning Team and Deed interpretation

Kelly R. Baxter

Position: Senior Specialist, Reservoir Lands Planning
Education: M.S., Plant Science and Landscape Systems and B.S., Botany
Experience: 14 years in NEPA Compliance, Land Management, and Environmental Impacts Evaluation
Involvement: Project Manager

Chellye L. Campbell

Position: Senior Specialist, Land Policy
Education: B.S., Biology
Experience: 14 years in Planning and Managing Land
Involvement: Deed interpretation and Land Policy guidance

Jerry G. Fouse

Position: Recreation Specialist
Education: M.B.A.; B.S., Forestry and Wildlife
Experience: 38 years in Natural Resources – Recreation Planning and Economic Development
Involvement: Planning Team and Recreation Management

Heather M. Hart

Position: Natural Areas Specialist
Education: M.S., Environmental Science and Soils; B.S., Plant and Soil Science
Experience: 9 years in Surface Water Quality and Soil and Groundwater Investigations; 7 years in Environmental Reviews
Involvement: Planning Team

Wesley K. James

Position: Natural Resource Specialist
Education: B.S., Wildlife and Fisheries Science
Experience: 36 years in Terrestrial and Wildlife Management
Involvement: Planning Team

Gary Jenkins

Position: Natural Resource Specialist
Education: B.S., Wildlife and Fisheries Science
Experience: 34 years in Aquatic and Terrestrial Habitat Assessments and Management
Involvement: Planning Team

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Thomas O. Maher

Position: Senior Archaeologist
Education: Ph.D., Anthropology
Experience: 32 years in the field of Archaeology
Involvement: Planning Team

Leonard L. McCurdy, Jr.

Position: Senior Specialist, Reservoir Land Use and Permitting
Education: B.S., Environmental Studies–Chemistry; J.D., Law
Experience: 25 years in the field of Law including 18 years in TVA real property rights
Involvement: Deed interpretation and Land Policy guidance

Susan D. McDaniel

Position: Process Integration Specialist
Experience: 30 years in Geographic Information Systems and Planning and Managing Land
Involvement: Planning Team and preparation of geographic information system

Heather L. Montgomery

Position: Senior Program Manager, Reservoir Lands Planning
Education: B.S., Environmental Biology
Experience: 13 years in Planning and Managing Land and Environmental Impacts Evaluation
Involvement: Program Manager

Karen A. Rylant

Position: Senior Specialist, Section 26a Policy and Process
Education: Ph.D., Agronomy (Soil Chemistry); M.S., Soil Fertility; B.A., Chemistry, B.A., Geology
Experience: 8 years in Environmental Research; 4 years in Land and Shoreline Management
Involvement: Deed interpretation and Section 26a guidance

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GLOSSARY

acre	A unit measure of land area equal to 43,560 square feet
agricultural licensing	Some parcels or portions of parcels designated for other purposes or uses may also be suitable for interim agricultural licensing. These parcels have been identified using the criteria contained in TVA's agriculture instruction. Normal tenure for a TVA agricultural license is five years. Land with extreme erosion potential may not be licensed for agricultural use unless erosion and sediment controls, including the use of best management practices, can be successfully implemented. Further investigation and/or mitigation of adverse impacts to natural or cultural resources may be required prior to approval of license agreements.
Comprehensive Valleywide Land Plan	The Comprehensive Valleywide Land Plan was set forth in the 2011 Natural Resource Plan to guide resource management and administration decisions on the approximately 293,000 acres of TVA-managed lands around 46 reservoirs. It established the allocation ranges of land available for each land use allocation zone (Project Operations, Sensitive Resource Management, Natural Resource Conservation, Industrial, Developed Recreation, and Shoreline Access).
cultural resources	Archaeological, historic, and architectural resources
dam reservation	Lands generally maintained in a park-like setting by TVA to protect the integrity of the dam structure, hydroelectric facilities, and navigation locks. The reservation also provides for public visitor access to the TVA dam facilities and recreation opportunities, such as public boat access, bank fishing, camping, picnicking, etc. Hunting is not typically allowed on dam reservations.
deciduous	Vegetation that sheds leaves in autumn and produces new leaves in the spring.
dewatering unit	A small impoundment that is operated independently of the larger reservoir. Surface water is pumped from the dewatering unit to the reservoir during the summer months and vice versa during winter months.
dispersed recreation	Recreation of an informal nature such as hunting, hiking, biking, bird watching, photography, primitive camping, bank fishing, and picnicking that occur on TVA land. These activities are not associated with developed facilities although some improvements may occur for access, health and safety, or to protect the environment.
embayment	A bay or arm of the reservoir
emergent wetland	Wetlands dominated by erect, rooted herbaceous plants, such as cattails and bulrushes.
endangered species	A species in danger of extinction throughout all or a significant part of its range. Endangered species recognized by the Endangered Species Act or similar state legislation have special legal status for their protection and recovery.
Environmental Policy	A TVA Board-approved policy that communicates guiding principles to lead TVA successfully in the reduction of its environmental impact while continuing to provide reliable and competitively priced power to the Valley
floodplain	Any land area susceptible to inundation by water from any source by a flood of selected frequency. For purposes of the National Flood Insurance

	Program, the floodplain, as a minimum, is that area subject to one percent or greater chance of flooding (100-year flood) in any given year.
flood risk profile	The elevation of the 500-year flood that has been adjusted for surcharge at the dam. Surcharge is the ability to raise the water level behind the dam above the top-of-gates elevation.
forest	Vegetation having tree crowns overlapping, generally forming 60 to 100 percent cover.
Land Policy	A TVA Board-approved policy that guides retention, disposal, and planning interests in real property
mitigation	An action that either will result in avoidance or an effect or cause the results of an activity to be minor in significance
multiple use tract allocation methodology	Land allocations under this previous planning method assigned one or more land uses from multiple categories including: Wildlife Management, Forest Management, Recreation, Cultural Resources Management, Agriculture, Navigation, Visual Protection, Open Space, and Industrial. Further, land plans under this methodology did not allocate lands committed to a long-term or permanent use (easements, leases, marginal strip, etc.).
natural areas	Ecologically significant sites, lands set aside for particular management objectives, and lands that contain sensitive biological, cultural or scenic resources. The TVA natural area program includes small wild areas, habitat protection areas, wildlife observation areas, and ecological study areas.
plan tract	A numbered parcel of TVA fee-owned land that has been assigned, through the reservoir land planning process, an allocation to guide future land use decisions.
prime farmland	Generally regarded as the best land for farming, these areas are flat or gently rolling and are usually susceptible to little or no soil erosion. Prime farmland produces the most food, feed, fiber, forage, and oil seed crops with the least amount of fuel, fertilizer, and labor. It combines favorable soil quality, growing season, and moisture supply and, under careful management, can be farmed continuously and at a high level of productivity without degrading either the environment or the resource base. Prime farmland does not include land already in or committed to urban development, roads, or water storage.
riparian	Related to or located on the banks of a river or stream
scrub-shrub	Woody vegetation less than about 20 feet tall. Species include true shrubs, young trees, and trees or shrubs that are small or stunted because of environmental conditions
shoreland	The surface of land lying between the minimum pool elevation of a TVA reservoir and the maximum shoreline contour or TVA back-lying property (whichever is further)
shoreline	The line where the water of a TVA reservoir meets the shore when the water level is at the normal summer pool elevation.
shoreline access rights	TVA land encumbered with deeded or implied rights held by adjacent property owners. The deeded or implied rights allow individuals to construct water use facilities upon receipt of TVA's written approval of plans.

single use parcel allocation methodology	This current planning methodology allocates land into broad categories or “zones” including Zone 1 (Non-TVA Shoreland), Zone 2 (Project Operations), Zone 3 (Sensitive Resource Management), Zone 4 (Natural Resource Conservation), Zone 5 (Industrial), Zone 6 (Developed Recreation) and Zone 7 (Shoreline Access).
threatened species	A species threatened with extinction throughout all or a significant portion of its range or territory. Threatened species recognized by the Endangered Species Act or similar state legislation have special legal status for their protection and recovery.
wetlands	As defined in TVA Environmental Review Procedures, “Wetlands are those areas inundated by surface or groundwater with a frequency sufficient to support and under normal circumstances do or would support a prevalence of vegetation or aquatic life that requires saturated or seasonably saturated soil conditions for growth and reproduction. Wetlands generally include swamps, marshes, bogs, and similar areas such as sloughs, potholes, wet meadows, mud flats, and natural ponds.
wildlife management area	Land and/or water areas designated by state wildlife agencies, such as the Tennessee Wildlife Resources Agency, for the protection and management of wildlife. These areas typically have specific hunting and trapping regulations as well as rules regarding appropriate uses of these areas by the public.

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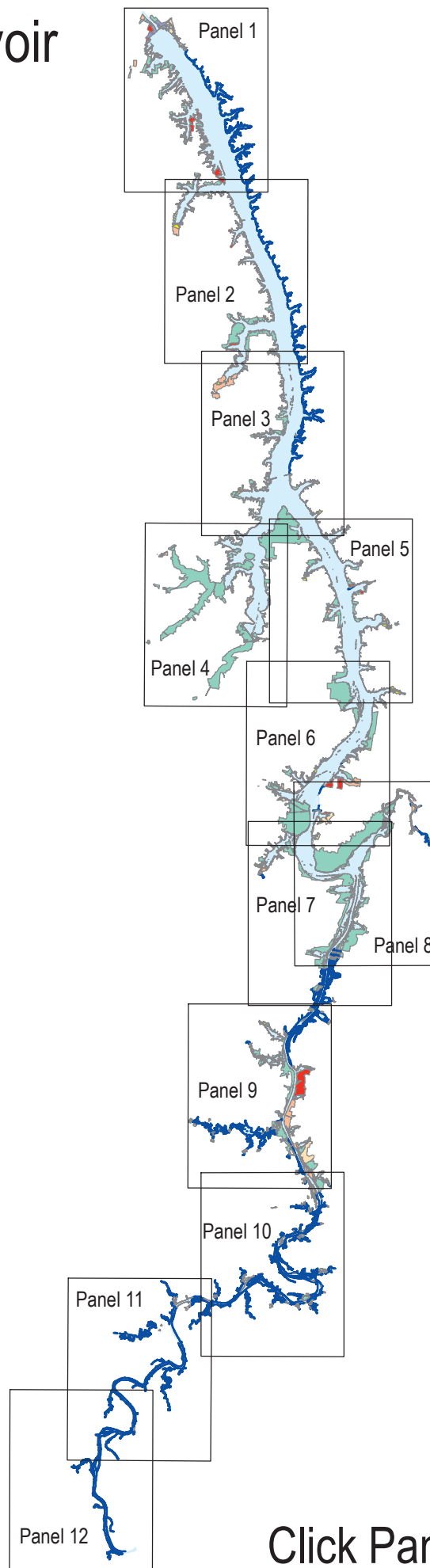
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141, 142, 143, 144, 145, 147, 148, 149, 150, 151, 153, 154, 156, 157, 158, 159, 160, 161, 163, 164, 165, 166, 167, 168, 169, 171, 173, 174, 175, 177, 178, 179, 180, 181, 182, 183, 184, 186, 187, 188, 189, 190, 191, 192, 193, 194, 196, 198, 199, 200, 201, 204, 207, 208, 209, 211, 212, 213, 214, 215, 216, 217, 218, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 236, 237, 238, 240, 241, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 269, 270, 271, 273, 274, 275, 276, 277, 278, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 324, 325, 327, 331, 332, 333, 334, 335, 336, 338, 339, 340, 341, 343, 344, 345, 346, 347, 348, 349, 351, 353, 354, 355, 356, 357, 359, 360, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 426, 427, 428, 429, 431, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 454, 455, 456, 458, 460, 462, 465, 466, 467, 468, 469, 470, 471, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 484, 485, 486, 487, 488, 494, 495, 496

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Appendix A – Land Management Plan Maps – Panels 1 through 12

Kentucky Reservoir



[Click Panel to View PDF Map](#)

APPENDIX A

Table A-1. Kentucky Reservoir Parcels by Map Panel

Kentucky Panel 1					
Parcel	Zone	Acreage	Parcel	Zone	Acreage
1	4	129.7	540	6	299.3
2	2	559.7	541	7	25.2
3	2	121.7	542	4	85.8
4	5	428.4	543	7	38.1
5	6	19.9	544	7	63.6
6	4	21.4	545	6	3.9
513	4	97.5	546	7	30.9
514	7	11.7	547	4	78.1
515	7	33.6	548	7	55.1
516	4	15.2	549	6	6.2
517	4	77.8	550	6	17.1
518	6	26.4	551	6	7.0
519	7	86.9	552	7	27.2
520	4	45.4	553	7	25.1
521	6	27.2	554	7	53.6
522	4	212.3	555	4	85.2
523	6	346.8	556	6	27.6
524	3	39.0	557	7	19.6
525	4	97.5	558	6	24.6
526	7	187.2	559	7	185.9
527	6	1.8	560	4	1.7
528	6	9.1	561	4	201.0
529	7	104.4	562	7	97.8
530	3	30.2	563	6	1.5
531	6	2.6	564	4	940.3
532	7	14.3	565	7	26.6
533	6	22.3	566	6	24.6
534	6	19.4	567	7	79.4
535	7	30.6	568	6	157.1
536	4	101.3	569	6	146.7
537	6	81.8	570	4	75.8
538	3	14.3	571	3	76.7
539	7	21.0	572	3	148.4

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Kentucky Panel 2					
Parcel	Zone	Acreage	Parcel	Zone	Acreage
437	6	6.2	479	5	28.9
438	7	38.3	480	4	71.5
439	4	25.1	481	6	1.3
440	7	56.1	482	6	287.5
441	4	17.2	483	4	38.2
442	4	851.4	484	3	23.2
451	4	26.8	485	7	46.0
452	7	80.1	486	4	34.5
453	6	5.7	487	6	13.2
454	4	1,145.8	488	7	16.4
455	6	98.6	489	4	1.2
456	7	16.0	490	7	4.4
457	4	75.8	491	6	6.0
458	7	29.6	492	2	5.4
459	4	2.8	493	7	25.0
460	6	4.5	494	6	30.3
461	4	494.7	495	7	5.4
462	6	4.8	496	3	30.0
463	7	5.3	497	7	17.6
464	6	10.5	498	6	67.8
465	7	28.8	499	4	2.7
466	4	161.5	500	7	33.4
467	7	29.5	501	4	55.0
468	6	1.7	502	2	12.3
469	4	28.6	503	3	237.9
470	7	11.3	504	6	0.8
471	4	11.8	505	7	91.3
472	7	16.8	506	7	46.5
473	4	3.8	507	4	31.9
474	4	25.5	508	4	43.1
475	7	88.5	509	7	56.9
476	4	36.5	510	4	24.0
477	7	40.5	511	7	46.2
478	4	33.6	512	6	3.6
Kentucky Panel 3					
Parcel	Zone	Acreage	Parcel	Zone	Acreage
7	2	15.9	408	4	10.1
8	4	122.7	409	7	40.6
8a	6	27.7	410	6	9.1
9	2	3.6	411	4	18.5

Appendix A – Land Management Plan Maps – Panels 1 through 12

10	7	49.6	412	7	40.1
11	4	53.9	413	6	2.2
12	7	24.4	414	4	10.2
13	6	6.5	415	7	23.4
14	7	153.1	416	2	1.0
15	6	4.4	417	4	31.1
16	7	70.8	418	7	21.3
17	3	21.3	419	4	6.4
101	4	23,758.3	420	6	7.6
383	5	28.3	421	7	12.2
384	6	48.6	422	6	18.5
385	4	56.5	423	4	14.2
386	6	39.0	424	6	15.3
387	7	7.9	425	4	120.1
388	4	243.7	426	3	28.1
389	2	24.4	427	4	4.6
390	7	3.7	428	4	476.6
391	7	39.2	429	6	3.2
392	7	49.6	430	4	46.7
393	6	2.6	431	7	74.6
394	7	24.5	432	4	17.7
395	6	3.4	433	7	30.6
396	6	1.4	434	4	52.7
397	6	14.1	435	7	35.5
398	4	83.0	436	7	47.1
399	7	16.0	443	7	59.0
400	6	292.7	444	4	41.8
401	2	4.4	445	7	36.6
402	7	17.9	446	3	1,071.7
403	6	1.2	447	7	73.3
404	4	34.3	448	7	80.0
405	6	14.1	449	4	5.0
406	4	162.1	450	7	33.4
407	7	14.5			
Kentucky Panel 4					
Parcel	Zone	Acreage	Parcel	Zone	Acreage
101	4	23,758.3	360	7	9.5
101b	7	1.1	361	4	17.8
338	6	8.8	362	6	15.3
339	4	113.5	363	4	18.4
340	4	4.9	364	3	85.0
341	7	50.1	365	4	30.0
341a	4	0.9	365a	4	16.2
342	4	1.2	366	7	0.3

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343	4	14.3	367	6	5.6
344	7	17.8	368	7	51.9
345	4	76.4	369	4	14.5
346	4	11.7	370	7	3.2
347	6	14.4	371	4	36.4
348	2	3.3	372	7	1.4
349	4	15.6	373	6	4.4
350	4	13.0	374	2	6.0
351	2	75.7	375	4	6,384.9
352	6	1.2	376	2	26.2
353	2	10.9	377	2	1.8
354	4	3,023.8	378	7	11.4
355	7	22.0	379	3	67.8
356	7	11.7	380	2	16.1
357	3	23.6	381	7	8.7
358	4	40.6	382	4	26.2
359	3	14.5			
Kentucky Panel 5					
Parcel	Zone	Acreage	Parcel	Zone	Acreage
18	6	1.4	67	7	3.1
19	4	3.4	68	7	103.3
20	7	52.1	69	4	1.6
21	4	7.3	70	4	13.7
22	7	0.8	71	7	13.3
23	6	2.1	72	6	21.0
24	7	22.9	73	7	69.6
25	4	25.4	74	6	11.2
26	7	29.1	75	7	94.9
27	4	4.4	76	4	11.5
28	7	13.1	77	4	32.6
29	4	65.2	78	7	105.4
30	7	18.7	299	3	122.4
31	4	4.1	303	7	64.2
32	7	37.1	304	4	10.0
33	4	2.7	305	6	21.0
34	7	29.0	306	7	26.9
35	3	43.2	307	4	0.7
36	4	160.7	308	2	7.9
37	5	44.3	309	7	25.4
38	4	83.1	310	3	8.9
39	6	71.4	311	4	475.6
40	7	11.5	312	7	3.8
41	2	4.1	313	3	69.9
42	4	12.7	314	4	53.3

Appendix A – Land Management Plan Maps – Panels 1 through 12

43	6	5.9	315	6	11.0
44	2	61.4	316	7	11.4
45	7	12.3	317	6	7.0
46	4	60.8	318	4	185.4
47	6	54.5	319	6	11.6
48	4	82.0	320	7	10.8
49	3	21.9	321	4	2.9
50	4	304.5	322	7	11.9
51	7	25.5	323	3	25.5
52	4	6.2	324	3	12.5
53	6	7.2	325	7	60.2
54	7	35.2	326	6	23.5
55	4	6.7	327	3	23.2
56	3	103.8	328	7	16.3
57	4	40.7	329	4	48.8
58	7	36.1	330	7	52.4
59	3	8.0	331	6	4.4
60	7	71.9	332	4	203.1
61	4	16.8	333	7	40.1
62	7	7.2	334	4	3.3
63	4	11.6	335	3	1.7
64	7	78.5	336	6	3.0
65	3	19.5	337	7	58.7
66	4	24.9			
Kentucky Panel 6					
Parcel	Zone	Acreage	Parcel	Zone	Acreage
79	4	28.2	272	7	32.3
80	7	66.0	273	4	448.4
81	4	1,033.2	274	2	9.2
82	6	27.2	275	7	2.0
83	3	10.0	276	3	119.8
84	7	141.1	277	7	84.1
85	4	31.1	278	4	18.5
86	4	0.5	279	6	2.3
87	5	155.5	280	4	214.0
88	4	175.7	281	2	5.0
89	3	409.3	282	7	7.5
90	6	525.9	283	4	8.9
91	4	0.1	284	7	23.4
92	2	4.7	285	6	0.8
93	6	3.5	286	6	2.2
94	7	18.7	287	4	24.9
95	6	36.0	288	7	87.3
96	4	43.0	289	4	17.0

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97	5	571.0	290	6	48.7
98	2	42.9	291	4	0.9
260	7	28.0	292	3	0.3
261	4	0.04	293	4	42.7
262	7	3.5	294	6	7.8
263	7	11.1	295	7	38.5
264	3	9.3	296	6	70.4
265	3	3.7	297	7	97.0
266	4	3,633.3	298	4	331.6
267	2	71.0	299	3	122.4
268	6	2.2	300	7	12.0
269	7	7.1	301	4	2,617.3
270	7	25.8	302	6	31.5
271	5	87.8			
Kentucky Panel 7					
Parcel	Zone	Acreage	Parcel	Zone	Acreage
99	3	34.2	250	2	3.9
100	2	92.4	251	7	65.2
101	4	23,758.3	252	4	54.0
101a	6	13.7	253	3	225.4
109	4	129.1	254	7	11.6
110	2	2.9	255	4	112.5
111	4	28.1	256	7	108.9
247	4	133.8	257	7	32.5
248	4	2.9	258	4	7.6
249	6	56.4	259	6	61.2
Kentucky Panel 8					
Parcel	Zone	Acreage	Parcel	Zone	Acreage
100	2	92.4	104	2	0.6
101	4	23,758.3	105	7	12.7
101a	6	13.7	106	7	2.1
102	3	486.8	107	7	25.7
103	6	5.5	108	7	11.9
Kentucky Panel 9					
Parcel	Zone	Acreage	Parcel	Zone	Acreage
101	4	23,758.3	208	6	25.8
112	4	11.4	209	4	16.9
113	4	27.6	210	4	23.7
114	2	1.3	211	2	2.4
115	3	48.0	212	4	52.4
116	4	27.1	213	2	3.9
117	6	5.1	214	4	2.0

Appendix A – Land Management Plan Maps – Panels 1 through 12

118	4	84.7	215	4	21.6
119	7	10.4	216	4	33.5
120	4	2.5	217	2	1.6
121	6	1,191.1	218	4	77.9
122	4	23.1	219	2	2.9
123	3	0.4	220	4	19.6
124	2	0.4	221	2	0.9
125	7	15.7	222	6	1.9
126	6	38.9	223	5	5.5
127	2	0.5	224	4	135.5
128	3	731.7	225	6	13.1
129	2	13.1	226	3	16.2
130	5	14.5	227	2	0.8
131	3	99.5	228	5	4.6
132	4	29.4	229	4	2.4
133	2	41.8	230	6	31.7
134	6	20.8	231	4	35.3
135	4	10.4	232	5	1.6
136	3	87.4	233	7	1.9
137	2	0.7	234	3	54.5
138	4	246.8	235	6	18.1
139	5	701.4	236	2	1.7
140	3	264.4	237	4	133.4
141	4	415.6	238	7	48.8
142	6	6.3	239	7	11.1
143	6	24.0	240	4	82.3
144	4	453.9	241	7	91.0
145	7	15.6	242	6	4.7
204	4	39.8	243	7	6.9
205	2	4.6	244	4	6.3
206	4	668.8	245	4	53.5
207	2	1.4	246	3	6.0
Kentucky Panel 10					
Parcel	Zone	Acreage	Parcel	Zone	Acreage
144	4	453.9	182	4	11.8
145	7	15.6	183	4	22.5
146	4	11.7	184	7	2.1
147	2	1.7	185	4	7.7
148	4	13.4	186	3	6.1
149	2	1.1	187	2	0.7
150	4	62.9	188	4	44.5
151	4	7.2	189	7	7.9
152	4	62.2	190	3	2.6
153	2	7.1	191	4	4.3

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154	4	3.7	192	4	164.3
155	4	8.7	193	6	2.5
156	6	22.6	194	4	44.5
157	4	9.0	195	4	0.9
158	6	1.9	196	4	3.4
159	6	39.2	197	4	29.9
160	4	16.2	198	2	0.8
161	4	2.2	199	4	2.6
162	4	46.8	200	4	22.2
163	2	4.6	201	4	2.0
179	3	21.2	202	3	218.4
180	6	15.4	203	4	17.5
181	2	0.6			
Kentucky Panel 11					
Parcel	Zone	Acreage	Parcel	Zone	Acreage
164	3	53.5	172	2	1.8
165	4	12.2	173	6	8.3
166	2	2.5	174	4	26.2
167	6	7.4	175	4	3.1
168	4	14.5	176	5	3.6
169	2	1.2	177	4	19.8
170	4	0.7	178	2	0.6
171	4	35.8			
Kentucky Panel 12					
Acreage	Zone	Acreage	Parcel	Zone	Acreage
167	6	7.4			

Appendix B – Comparison of Parcel Allocations by Alternative

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APPENDIX B

Comparison of Parcel Allocations by Alternative

KENTUCKY RESERVOIR

Under Alternative A – No Action Alternative, TVA would continue to use the previous land use plans, if any, which use an older method of land use planning. In the case of Kentucky Reservoir, the 1985 Kentucky RLMP was prepared under the Multiple Use Tract Allocation methodology. This methodology was retired and replaced with the Single Use Parcel Allocation methodology in 1999. Under Alternative B – Land Use Plan Alternative, TVA applies the Single Use Parcel Allocation methodology.

Because of the differences with past and present land planning methodologies, to facilitate the comparison of Alternatives A and B, the existing land use designations from the 1985 Kentucky RLMP and the committed land that was not assigned a land use designation in the 1985 RLMP have been converted to the equivalent designation of one of the seven land use zones to represent Alternative A – No Action Alternative.

Under Alternative B, of the 74,713.6 acres on Kentucky Reservoir, there are no allocation changes to 64,729.0 acres (86.6 percent); all allocation changes involve 9,984.6 acres (13.4 percent). Of the 9,984.6 acres, TVA would allocate 4,048.7 acres (40.5 percent) to reflect existing land use agreements or commitments. The remaining 5,935.9 acres (59.5 percent) involve parcel allocations that are not based on existing land use agreements or commitments.

¹Some parcels are separated into smaller portions to show comprehensive consideration of some parcels. Portions of parcels are in bold text with a footnote.

See Tables below:

Table 1 = No Allocation Changes;

Table 2 = Changes Based on Existing Agreements or Commitments;

Table 3 = Changes NOT based on Existing Agreements or Commitments

Table 1. No Allocation Changes			
Number of Parcels Per Zone Allocation			
Zone 2	11	Zone 5	9
Zone 3	9	Zone 6	64
Zone 4	192	Zone 7	109

Parcel	No Action Allocation (Alternative A)	Proposed Allocation (Alternative B)	Acres per Allocation
1	4	4	129.7
2	2	2	559.7
3 ¹	2	2	111.7
4 ¹	5	5	170.2
5 ¹	6	6	14.3
6	4	4	21.4
8	4	4	122.7
10 ¹	7	7	49.6
11	4	4	53.9
12 ¹	7	7	20.7
14 ¹	7	7	146.4
16 ¹	7	7	70.6
17	3	3	21.3
19	4	4	3.4
20 ¹	7	7	52.0
21	4	4	7.3
22	7	7	0.8
24 ¹	7	7	14.3
25	4	4	25.4
26 ¹	7	7	4.2
27	4	4	4.4
28 ¹	7	7	12.8
29	4	4	65.2
30 ¹	7	7	16.9
31	4	4	4.1
32 ¹	7	7	35.7
33	4	4	2.7
34 ¹	7	7	7.2
36 ¹	4	4	143.7
38	4	4	83.1
40 ¹	7	7	11.1
42 ¹	4	4	5.5
45	7	7	12.3

Appendix B – Comparison of Parcel Allocations by Alternative

Parcel	No Action Allocation (Alternative A)	Proposed Allocation (Alternative B)	Acres per Allocation
46¹	4	4	59.4
47	6	6	54.5
48	4	4	82.0
50	4	4	304.5
51¹	7	7	22.0
52	4	4	6.2
54¹	7	7	30.7
55	4	4	6.7
57	4	4	40.7
58¹	7	7	5.2
60¹	7	7	69.9
61¹	4	4	16.6
62¹	7	7	3.5
63	4	4	11.6
64¹	7	7	75.3
66	4	4	24.9
67	7	7	3.1
68¹	7	7	102.8
69	4	4	1.6
70	4	4	13.7
71	7	7	13.3
72	6	6	21.0
73¹	7	7	68.0
75¹	7	7	18.7
76	4	4	11.5
77¹	4	4	31.1
78¹	7	7	104.5
79	4	4	28.2
80¹	7	7	65.6
81¹	4	4	915.4
82¹	6	6	27.0
84¹	7	7	89.7
85	4	4	31.1
86	4	4	0.5
87¹	5	5	42.9
88	4	4	175.7
90¹	6	6	27.3
91	4	4	0.1
93	6	6	3.5
94	7	7	18.7
95¹	6	6	35.7

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Parcel	No Action Allocation (Alternative A)	Proposed Allocation (Alternative B)	Acres per Allocation
96	4	4	43.0
97¹	5	5	379.6
98	2	2	42.9
99¹	3	3	33.4
101	4	4	23,758.3
102	3	3	486.8
103	6	6	5.5
109	4	4	129.1
110	2	2	2.9
111¹	4	4	18.3
112	4	4	11.4
113	4	4	27.6
114	2	2	1.3
116	4	4	27.1
117	6	6	5.1
118	4	4	84.7
120	4	4	2.5
121¹	6	6	1,186.8
122	4	4	23.1
125¹	7	7	10.5
126¹	6	6	38.2
130¹	5	5	13.7
132	4	4	29.4
133¹	2	2	33.1
134¹	6	6	2.1
138¹	4	4	64.9
141	4	4	415.6
142	6	6	6.3
143	6	6	24.0
144	4	4	453.9
146	4	4	11.7
147	2	2	1.7
148¹	4	4	11.6
150	4	4	62.9
151	4	4	7.2
152	4	4	62.2
154	4	4	3.7
155	4	4	8.7
156	6	6	22.6
157	4	4	9.0
158	6	6	1.9

Appendix B – Comparison of Parcel Allocations by Alternative

Parcel	No Action Allocation (Alternative A)	Proposed Allocation (Alternative B)	Acres per Allocation
159	6	6	39.2
160	4	4	16.2
161	4	4	2.2
162	4	4	46.8
165	4	4	12.2
167	6	6	7.4
168	4	4	14.5
170	4	4	0.7
171	4	4	35.8
174	4	4	26.2
176	5	5	3.6
179	3	3	21.2
182	4	4	11.8
183	4	4	22.5
185	4	4	7.7
188	4	4	44.5
191	4	4	4.3
192	4	4	164.3
194	4	4	44.5
195	4	4	0.9
197	4	4	29.9
198	2	2	0.8
200	4	4	22.2
201	4	4	2.0
203	4	4	17.5
206	4	4	668.8
209	4	4	16.9
210	4	4	23.7
212	4	4	52.4
214	4	4	2.0
215	4	4	21.6
216	4	4	33.5
218	4	4	77.9
220	4	4	19.6
224	4	4	135.5
225	6	6	13.1
226¹	3	3	12.0
228	5	5	4.6
229¹	4	4	0.1
230¹	6	6	29.6
231	4	4	35.4

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Parcel	No Action Allocation (Alternative A)	Proposed Allocation (Alternative B)	Acres per Allocation
232	5	5	1.6
233	7	7	1.9
237	4	4	133.4
238¹	7	7	24.0
240	4	4	82.3
241¹	7	7	51.8
242	6	6	4.7
243¹	7	7	6.8
244	4	4	6.3
245	4	4	53.5
247	4	4	133.8
248	4	4	2.9
249¹	6	6	35.6
251¹	7	7	22.3
252	4	4	54.0
255	4	4	112.5
257	7	7	24.6
258	4	4	7.6
260¹	7	7	25.6
261	4	4	0.04
262	7	7	3.5
263¹	7	7	11.0
266	4	4	3,633.3
267¹	2	2	3.9
271¹	5	5	83.1
273¹	4	4	447.7
277¹	7	7	79.5
278	4	4	18.5
280	4	4	214.0
282	7	7	7.5
283	4	4	8.9
284	7	7	23.4
286	6	6	2.2
287	4	4	24.9
288¹	7	7	69.4
289¹	4	4	11.9
290¹	6	6	48.6
291	4	4	0.9
293	4	4	42.7
294	6	6	7.8
295¹	7	7	24.6

Appendix B – Comparison of Parcel Allocations by Alternative

Parcel	No Action Allocation (Alternative A)	Proposed Allocation (Alternative B)	Acres per Allocation
297	7	7	97.0
298	4	4	331.6
300	7	7	12.0
301¹	4	4	2,601.8
302¹	6	6	14.7
303¹	7	7	63.9
304	4	4	10.0
305¹	6	6	5.9
306	7	7	26.9
307	4	4	0.7
309	7	7	25.4
311	4	4	475.6
314	4	4	53.3
315	6	6	11.0
317 ¹	6	6	7.0
318	4	4	185.4
319¹	6	6	8.7
320	7	7	10.8
321	4	4	2.9
322¹	7	7	11.1
325¹	7	7	60.1
328¹	7	7	10.9
329	4	4	48.8
331	6	6	4.4
332	4	4	203.1
333¹	7	7	39.8
334	4	4	3.3
337¹	7	7	39.2
338	6	6	8.8
339	4	4	113.5
340	4	4	4.9
341¹	7	7	23.3
341a	4	4	0.9
342	4	4	1.2
343	4	4	14.3
344	7	7	17.8
345	4	4	76.4
346	4	4	11.7
348	2	2	3.3
349	4	4	15.6
350	4	4	13.0

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Parcel	No Action Allocation (Alternative A)	Proposed Allocation (Alternative B)	Acres per Allocation
354	4	4	3,023.8
358	4	4	40.6
361	4	4	17.8
362	6	6	15.3
363	4	4	18.4
365	4	4	30.0
365a	4	4	16.2
366	7	7	0.3
367	6	6	5.6
368¹	7	7	35.5
369	4	4	14.5
371¹	4	4	24.0
373	6	6	4.4
375¹	4	4	6,360.6
377	2	2	1.8
382	4	4	26.2
385	4	4	56.5
386	6	6	39.0
387¹	7	7	6.0
388	4	4	243.7
393	6	6	2.6
394¹	7	7	24.1
395	6	6	3.4
396	6	6	1.4
397	6	6	14.1
398¹	4	4	77.8
400¹	6	6	282.3
402¹	7	7	17.1
404	4	4	34.3
405	6	6	14.1
406	4	4	162.1
407	7	7	14.5
408	4	4	10.1
409¹	7	7	32.6
410¹	6	6	8.3
411	4	4	18.5
412¹	7	7	34.7
413	6	6	2.2
414	4	4	10.2
417	4	4	31.1
418	7	7	12.9

Appendix B – Comparison of Parcel Allocations by Alternative

Parcel	No Action Allocation (Alternative A)	Proposed Allocation (Alternative B)	Acres per Allocation
419	4	4	6.4
420	6	6	7.6
421¹	7	7	10.7
422¹	6	6	3.0
424	6	6	15.3
425	4	4	120.1
426	3	3	28.1
427	4	4	4.6
428	4	4	476.6
430	4	4	46.7
431¹	7	7	74.2
432	4	4	17.7
433¹	7	7	27.0
434¹	4	4	51.7
435¹	7	7	32.3
436¹	7	7	46.7
438¹	7	7	37.7
439	4	4	25.1
441	4	4	17.2
442	4	4	851.4
443¹	7	7	57.5
444	4	4	41.8
445¹	7	7	13.2
446¹	3	3	189.9
448¹	7	7	66.7
449	4	4	5.0
450¹	7	7	32.4
451	4	4	26.8
452¹	7	7	79.3
454	4	4	1,145.8
455	6	6	98.6
456¹	7	7	10.7
457	4	4	75.8
458¹	7	7	15.3
459	4	4	2.8
461¹	4	4	356.3
462	6	6	4.8
465¹	7	7	27.8
466	4	4	161.5
467	7	7	29.5
468	6	6	1.7

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Parcel	No Action Allocation (Alternative A)	Proposed Allocation (Alternative B)	Acres per Allocation
469	4	4	28.6
470¹	7	7	10.6
471	4	4	11.8
472¹	7	7	15.4
473	4	4	3.8
474¹	4	4	24.9
475¹	7	7	83.7
476	4	4	36.5
477¹	7	7	10.2
478	4	4	33.6
479¹	5	5	24.0
480¹	4	4	24.5
481	6	6	1.3
482	6	6	287.5
483	4	4	38.2
485¹	7	7	10.7
486	4	4	34.5
488¹	7	7	16.2
489	4	4	1.2
490¹	7	7	4.4
491	6	6	6.0
493	7	7	25.0
498	6	6	67.8
499	4	4	2.7
500¹	7	7	32.1
501	4	4	55.0
507	4	4	31.9
508	4	4	43.1
509¹	7	7	47.9
510	4	4	28.2
511¹	7	7	44.4
513¹	4	4	95.1
515¹	7	7	33.1
516	4	4	15.2
517	4	4	77.8
518	6	6	26.4
519¹	7	7	68.2
520	4	4	45.4
521	6	6	27.2
522	4	4	212.3
523	6	6	346.8

Appendix B – Comparison of Parcel Allocations by Alternative

Parcel	No Action Allocation (Alternative A)	Proposed Allocation (Alternative B)	Acres per Allocation
524	3	3	39.0
525	4	4	97.5
526 ¹	7	7	170.3
529	7	7	104.4
532	7	7	14.3
535	7	7	30.6
536	4	4	101.3
537 ¹	6	6	36.4
539	7	7	21.0
540	6	6	299.3
541 ¹	7	7	21.9
542 ¹	4	4	85.8
543 ¹	7	7	31.5
544 ¹	7	7	63.0
546	7	7	30.9
547 ¹	4	4	71.0
548	7	7	55.1
549	6	6	6.2
552	7	7	27.2
553 ¹	7	7	5.6
554 ¹	7	7	51.6
555	4	4	85.2
556	6	6	27.6
557 ¹	7	7	19.2
558	6	6	24.6
559 ¹	7	7	184.6
560	4	4	1.7
561	4	4	201.0
564 ¹	4	4	934.8
568	6	6	157.1
569	6	6	146.7
570	4	4	75.8
572	3	3	148.4
Total = 394 Parcels or Portions of a Parcel		Total = 64,729.0 Acres	

¹Denotes a portion of the parcel

Table 2. Changes Based on Existing Agreements or Commitments			
	No Action ¹ Parcels	Proposed Allocation Parcels	
Zone 2	2	49	<i>5.4 Percent of Kentucky Lands</i>
Zone 3	7	2	
Zone 4	185	19	
Zone 5	26	7	278 Parcels
Zone 6	16	69	4,048.7 Acres
Zone 7	41	132	

Parcel	No Action Allocation (Alternative A)	Proposed Allocation (Alternative B)	Acres per Allocation
3 ¹	5	2	10.0
4 ¹	4	5	258.2
5 ¹	2	6	2.5
5 ¹	5	6	3.1
7	5	2	15.9
9	4	2	3.6
10 ¹	4	7	0.1
12 ¹	4	7	2.2
13 ¹	4	6	3.6
13 ¹	7	6	2.9
14 ¹	4	7	6.7
15	7	6	4.4
16 ¹	4	7	0.2
18	7	6	1.4
20 ¹	4	7	0.1
23 ¹	4	6	0.8
23 ¹	7	6	1.2
24 ¹	4	7	8.6
26 ¹	4	7	24.8
28 ¹	4	7	0.2
30 ¹	4	7	1.8
32 ¹	4	7	1.3
34 ¹	4	7	21.7
39	4	6	71.4
40 ¹	4	7	0.4
41 ¹	4	2	1.1
41 ¹	5	2	3.0
42 ¹	7	4	7.2
43	7	6	5.9
44	6	2	61.4

Appendix B – Comparison of Parcel Allocations by Alternative

Parcel	No Action Allocation (Alternative A)	Proposed Allocation (Alternative B)	Acres per Allocation
46¹	7	4	1.3
51¹	4	7	3.4
53	4	6	7.2
54¹	4	7	4.6
58¹	4	7	30.9
60¹	4	7	2.0
61¹	7	4	0.2
62¹	4	7	3.7
64¹	4	7	3.2
68¹	4	7	0.5
73¹	6	7	1.7
74	7	6	11.2
75¹	4	7	76.2
77¹	7	4	1.5
78¹	4	7	0.9
80¹	4	7	0.4
82¹	4	6	0.2
84¹	4	7	51.4
87¹	4	5	5.0
87¹	7	5	107.6
90¹	3	6	251.1
90¹	4	6	247.5
92	5	2	4.7
95¹	4	6	0.2
100	4	2	92.4
101a	4	6	13.7
101b	4	7	1.1
104	3	2	0.6
105	3	7	12.7
106	4	7	2.1
107	3	7	25.7
108	3	7	11.9
119	4	7	10.4
121¹	4	6	4.3
123	4	3	0.4
124	4	2	0.4
125¹	4	7	5.2
126¹	4	6	0.6
127	4	2	0.5
129¹	4	2	7.6
129¹	5	2	5.5

Kentucky Reservoir Land Management Plan

Parcel	No Action Allocation (Alternative A)	Proposed Allocation (Alternative B)	Acres per Allocation
130¹	4	5	0.8
133¹	4	2	8.6
134¹	4	6	5.3
134¹	5	6	13.4
135	5	4	10.4
137	5	2	0.7
145	4	7	15.6
148¹	5	4	1.8
149	5	2	1.1
153	5	2	7.1
163	5	2	4.6
166	4	2	2.5
169	5	2	1.2
172	4	2	1.8
173	4	6	8.3
175	5	4	3.1
178	5	2	0.6
180	4	6	15.4
181	4	2	0.6
184	4	7	2.1
187	4	2	0.7
189	4	7	7.9
193	4	6	2.5
196	6	4	3.4
199	6	4	2.6
205	5	2	4.6
207	4	2	1.4
208	4	6	25.8
211	4	2	2.4
213	5	2	3.9
217	4	2	1.6
219	4	2	2.9
221	4	2	0.9
222	4	6	1.9
223	4	5	5.5
227	3	2	0.8
229¹	6	4	2.4
230¹	5	6	2.1
235	4	6	18.1
236	4	2	1.7
238¹	4	7	24.8

Appendix B – Comparison of Parcel Allocations by Alternative

Parcel	No Action Allocation (Alternative A)	Proposed Allocation (Alternative B)	Acres per Allocation
239	4	7	11.1
241¹	4	7	39.2
243¹	4	7	0.2
249¹	4	6	20.8
250	5	2	3.9
251¹	4	7	42.8
254	4	7	11.6
256	4	7	108.9
257	4	7	7.9
259¹	4	6	9.2
259¹	7	6	52.0
260¹	4	7	2.4
263¹	4	7	0.1
267¹	4	2	67.0
268	4	6	2.2
269	4	7	7.1
270	4	7	25.8
272	4	7	32.3
273¹	7	4	0.7
274	5	2	9.2
275	4	7	2.0
277¹	4	7	4.7
279	4	6	2.3
281	5	2	5.0
285	7	6	0.8
288¹	4	7	17.9
289¹	7	4	5.1
290¹	4	6	0.1
295¹	4	7	13.9
296¹	4	6	2.6
296¹	7	6	67.8
301¹	6	4	15.5
302¹	4	6	16.7
303¹	4	7	0.3
305¹	4	6	15.1
308	4	2	7.9
312	4	7	3.8
316¹	4	7	9.4
316¹	6	7	2.0
319¹	4	6	2.9
322¹	4	7	0.7

Kentucky Reservoir Land Management Plan

Parcel	No Action Allocation (Alternative A)	Proposed Allocation (Alternative B)	Acres per Allocation
325¹	4	7	0.1
326¹	7	6	8.0
328¹	4	7	5.4
330	4	7	52.4
333¹	4	7	0.3
335	4	3	1.7
336	7	6	3.0
337¹	4	7	19.5
341¹	4	7	26.8
347	4	6	14.4
351	4	2	75.7
352	4	6	1.2
353	4	2	10.9
355	4	7	22.0
356	4	7	11.7
360	4	7	9.5
368¹	4	7	16.3
370	4	7	3.2
372	6	7	1.4
374	4	2	6.0
376	4	2	26.2
378	4	7	11.4
380	4	2	16.1
381	4	7	8.7
383	6	5	28.3
384	4	6	48.6
387¹	4	7	1.9
389	5	2	24.4
390	4	7	3.7
391	4	7	39.2
392¹	4	7	45.5
392¹	6	7	4.1
394¹	6	7	0.4
399¹	4	7	14.4
399¹	5	7	1.6
400¹	2	6	10.4
401	6	2	4.4
402¹	4	7	0.8
403	4	6	1.2
409¹	4	7	8.0
410¹	4	6	0.8

Appendix B – Comparison of Parcel Allocations by Alternative

Parcel	No Action Allocation (Alternative A)	Proposed Allocation (Alternative B)	Acres per Allocation
412¹	4	7	5.3
415	4	7	23.4
416	5	2	1.0
418	4	7	8.4
421¹	4	7	1.5
422¹	7	6	15.5
429	4	6	3.2
431¹	4	7	0.5
433	4	7	3.7
434¹	7	4	1.1
435¹	4	7	3.2
436¹	4	7	0.5
437	4	6	6.2
438¹	4	7	0.5
440	4	7	56.1
443¹	4	7	1.5
445¹	4	7	23.4
447¹	3	7	6.3
447¹	4	7	67.0
448¹	4	7	13.2
450¹	4	7	1.0
452¹	4	7	0.8
453	7	6	5.7
456¹	4	7	5.3
458¹	4	7	14.3
460¹	4	6	3.1
460¹	7	6	1.5
463	4	7	5.3
464	7	6	10.5
465¹	4	7	1.0
468a¹	4	7	2.9
468a¹	6	7	2.9
470¹	4	7	0.7
472¹	4	7	1.4
474¹	7	4	0.6
475¹	4	7	4.8
477¹	4	7	30.4
479¹	7	5	4.9
485¹	4	7	23.4
485¹	6	7	11.9
487	7	6	13.2

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Parcel	No Action Allocation (Alternative A)	Proposed Allocation (Alternative B)	Acres per Allocation
488¹	4	7	0.2
492	5	2	5.4
494	7	6	30.3
495	4	7	5.4
497	4	7	17.6
500¹	4	7	1.3
502	4	2	12.3
504	4	6	0.8
505	4	7	91.3
506	4	7	46.5
509¹	4	7	9.0
511¹	4	7	1.8
512	7	6	3.6
513¹	7	4	2.5
514	4	7	11.7
515¹	4	7	0.5
519¹	4	7	18.8
526¹	4	7	17.0
527	7	6	1.8
528	7	6	9.1
531	7	6	2.6
533	7	6	22.3
534	7	6	19.4
537¹	7	6	45.3
541¹	4	7	3.3
542¹	7	4	0.02
543¹	4	7	6.6
544¹	4	7	0.6
545	7	6	3.9
547¹	7	4	7.1
550	7	6	17.1
551	7	6	7.0
553¹	4	7	19.4
554¹	4	7	2.0
557¹	6	7	0.4
559¹	4	7	1.3
562	4	7	97.8
563	4	6	1.5

Appendix B – Comparison of Parcel Allocations by Alternative

Parcel	No Action Allocation (Alternative A)	Proposed Allocation (Alternative B)	Acres per Allocation
564 ¹	7	4	5.6
565	4	7	26.6
567 ¹	4	7	1.4
567 ¹	6	7	78.0
Total = 278 Parcels or Portions of a Parcel		Total = 4,048.7 Acres	

¹Denotes a portion of the parcel

Table 3. Changes NOT Based on Existing Agreements or Commitments			
	No Action Parcels	Proposed Allocation Parcels	
Zone 2	1	0	<i>7.9 Percent of Kentucky Lands</i>
Zone 3	0	44	
Zone 4	45	13	
Zone 5	10	5	65 Parcels 5,935.9 Acres
Zone 6	8	3	
Zone 7	1	0	

Parcel	No Action Allocation (Alternative A)	Proposed Allocation (Alternative B)	Acres per Allocation
8a	4	6	27.7
35	4	3	43.2
36 ¹	5	4	17.0
37	4	5	44.3
49	4	3	21.9
56 ¹	4	3	72.0
56 ¹	7	3	31.7
59	4	3	8.0
65	4	3	19.5
81 ¹	6	4	117.8
83	4	3	10.0
89	4	3	409.3
97 ¹	4	5	191.4
99 ¹	5	3	0.8
111 ¹	2	4	9.8
115	4	3	48.0
128	4	3	731.7
131	4	3	99.5
136	5	3	87.4
138 ¹	5	4	181.8
139	4	5	701.4

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Parcel	No Action Allocation (Alternative A)	Proposed Allocation (Alternative B)	Acres per Allocation
140	4	3	264.4
164	4	3	53.5
177	5	4	19.8
186	4	3	6.1
190	5	3	2.6
202	4	3	218.4
204	5	4	39.6
226¹	5	3	1.9
226¹	6	3	2.3
234	4	3	54.5
246	4	3	6.0
253	4	3	225.4
264	4	3	9.3
265	4	3	3.7
271¹	4	5	4.3
271¹	6	5	0.5
276	4	3	119.8
292	4	3	0.3
299	4	3	122.4
310	4	3	8.9
313	4	3	69.9
323	4	3	25.5
324	4	3	12.5
326¹	4	6	15.5
327	4	3	23.2
357	4	3	23.6
359	4	3	14.5
364	4	3	85.0
371¹	6	4	12.4
375¹	5	4	24.2
375¹	6	4	0.1
379	4	3	67.8
398¹	5	4	5.2
423	6	4	14.2
446¹	4	3	881.8
461¹	6	4	138.5
480¹	6	4	47.0
484	4	3	23.2
496	4	3	30.0
503	4	3	237.9
530	4	3	30.2

Appendix B – Comparison of Parcel Allocations by Alternative

Parcel	No Action Allocation (Alternative A)	Proposed Allocation (Alternative B)	Acres per Allocation
538	4	3	14.3
566	4	6	24.6
571	4	3	76.7
Total – 65 Parcels or Portions of a Parcel		Total = 5,935.9 Acres	

¹Denotes a portion of the parcel

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**Appendix C – Kentucky Final RLMP Allocation and Acreage
Changes**



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Kentucky Final RLMP

Allocation and Acreage Changes

Parcels 8a, 13, 130, 262, 295, 317, 341a, 346, 347, 360, 365a, 445, 483, 489, 509, 515, 533
Neighboring Parcels Impacted by Boundary Changes: Parcels 8, 12, 128, 134, 293, 294, 314, 316, 341, 345, 349, 350, 351, 363, 365, 444, 485, 488, 490, 510, 516, 532
Parcels 262 and 346 are changing allocation only – no acreage changes

Land Plan Zone Allocations

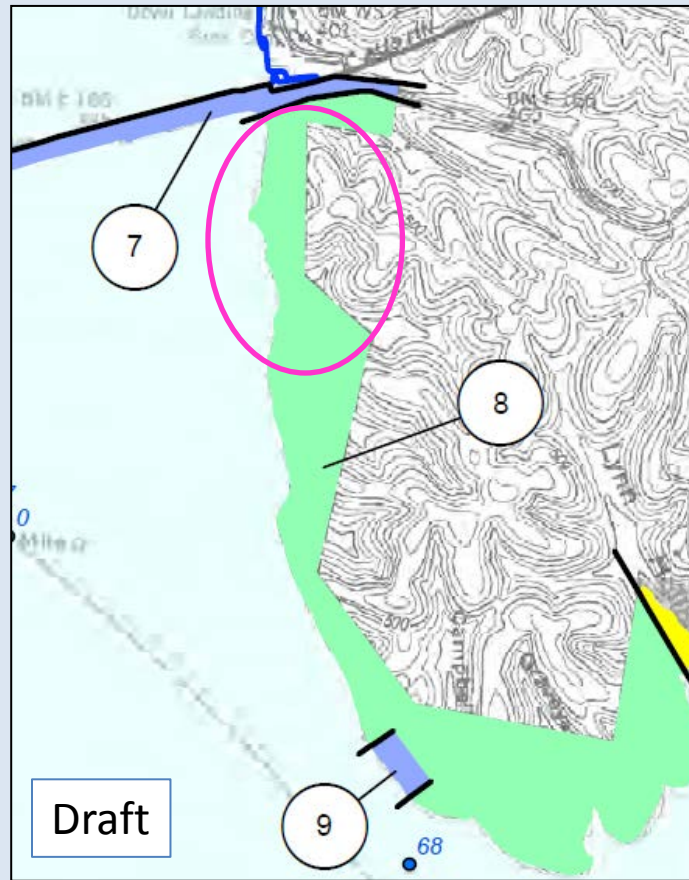
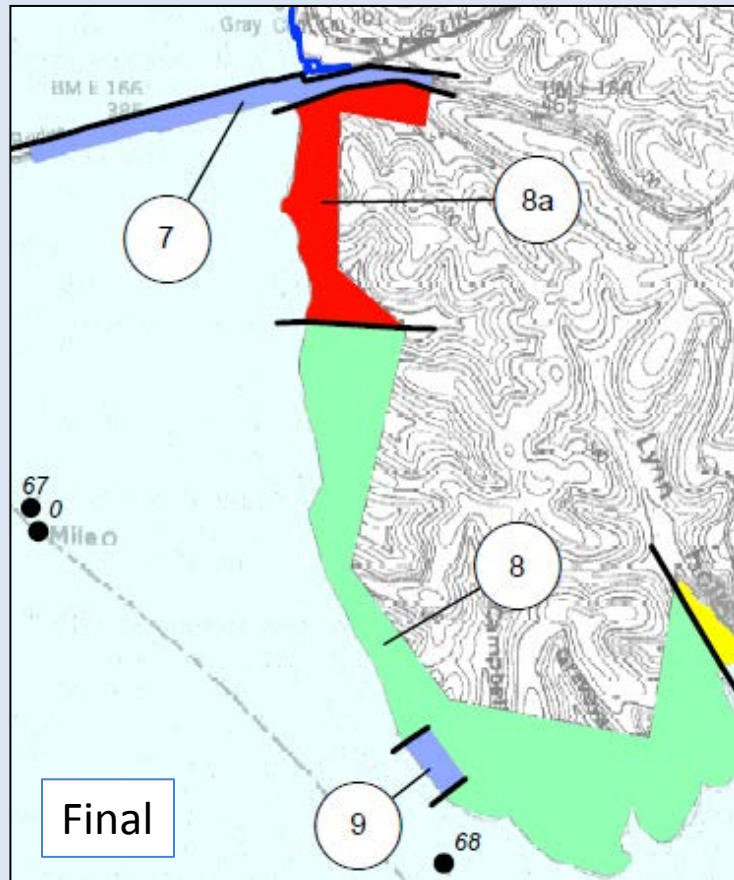
-  Zone 1 – Non-TVA Shoreland
-  Zone 2 – Project Operations
-  Zone 3 – Sensitive Resource Management
-  Zone 4 – Natural Resource Conservation
-  Zone 5 – Industrial
-  Zone 6 – Developed Recreation
-  Zone 7 – Shoreline Access

PARCEL 8a – Zone 6 (27.7 acres); Parcel 8 – Zone 4 (122.7 acres)

Location: Panel 3; Stewart Co.; TRM 67.3R

Revision: Create new Parcel 8a from Parcel 8 and allocate as Zone 6.

Requested for public recreation use.

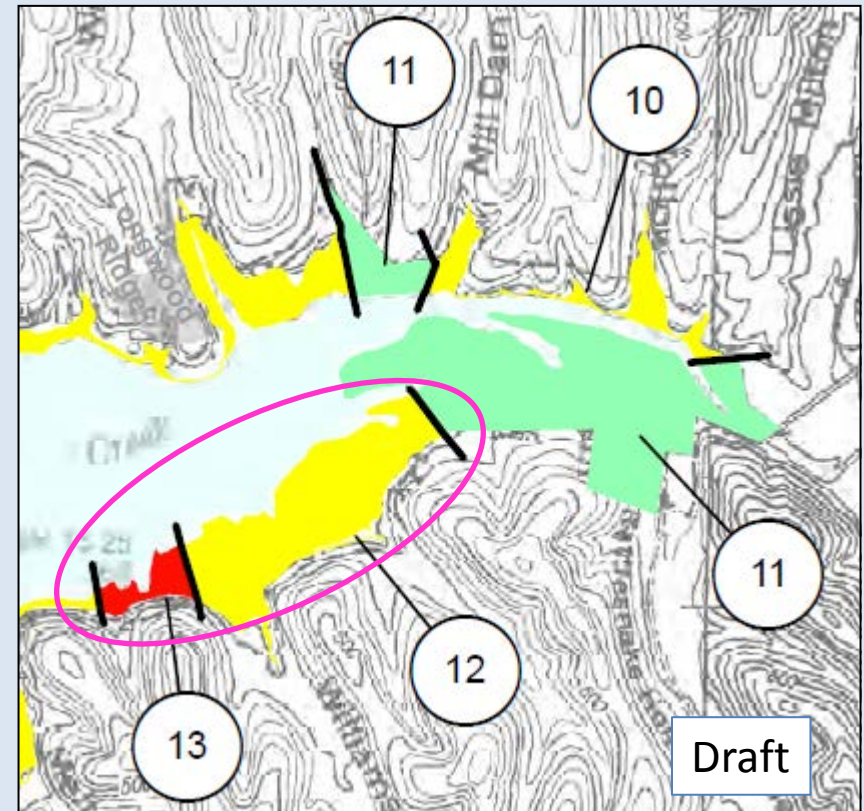
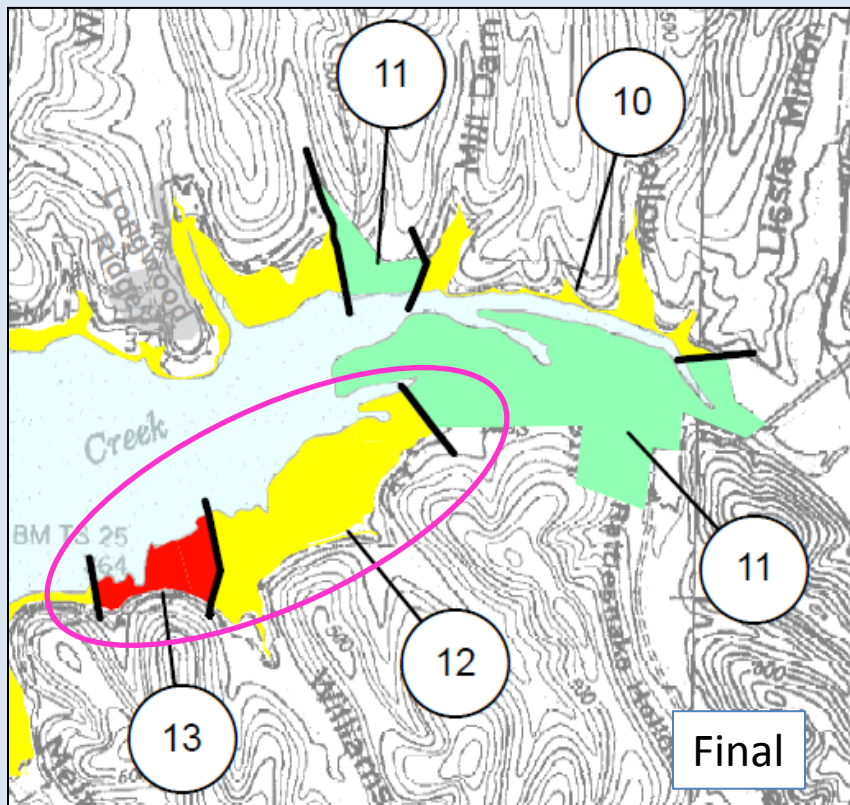


- Parcel 8 (Zone 4) revised from 150.4 acres to 122.7 acres
- Moved a 27.7-acre portion of Parcel 8 to Zone 6 (Parcel 8a)

PARCEL 13 – Zone 6 (6.5 acres); Parcel 12 – Zone 7 (24.4 acres)

Location: Panel 3; Stewart Co.; TRM 68.3R

Revision: Shift Parcel 13 boundary to the east to reflect updated license agreement

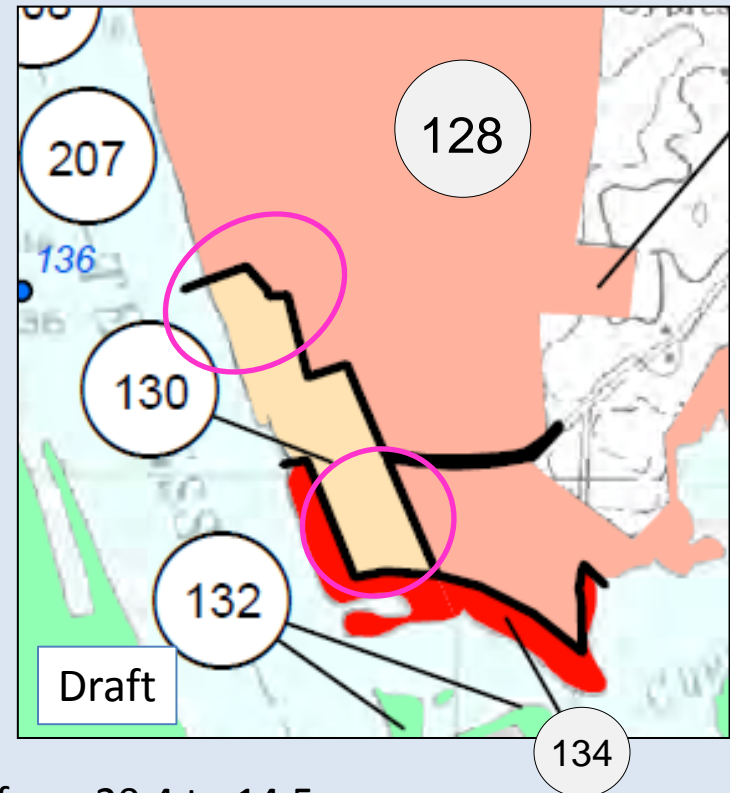
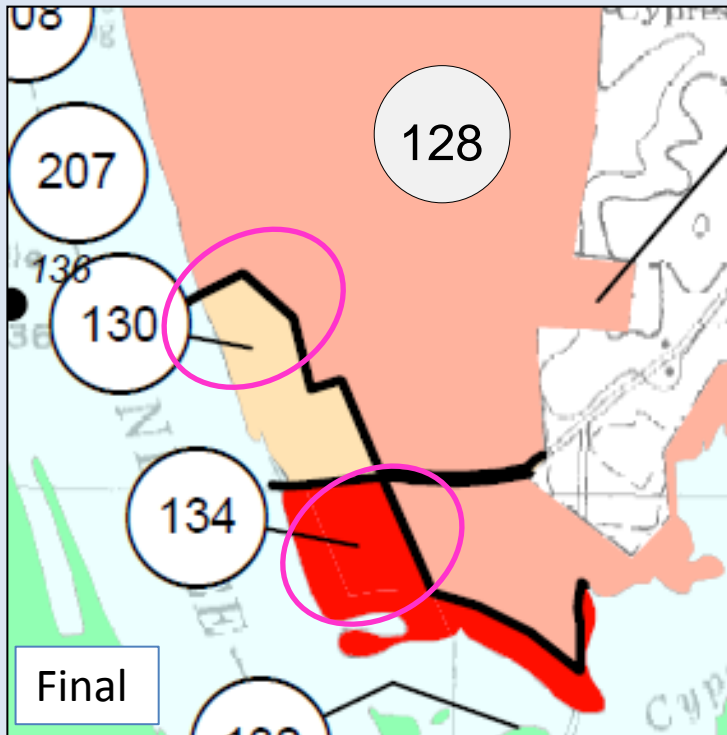


- Parcel 12 (Zone 7) revised from 27.3 to 24.4 acres
- Moved a 2.9-acre portion of Parcel 12 to Zone 6 (Parcel 13)
 - Revised Parcel 13 (Zone 6) from 3.6 to 6.5 acres

PARCEL 130 – Zone 5 (14.5 acres); Parcels 128 (Zone 3) and 134 (Zone 5)

Location: Panel 9; Perry Co; TRM 136.1

Revision: 1) Revise Parcels 130/128 boundaries to reflect industrial easement XGIR-984BT;
2) Change a portion of Parcel 130 from Zone 5 to Zone 6.

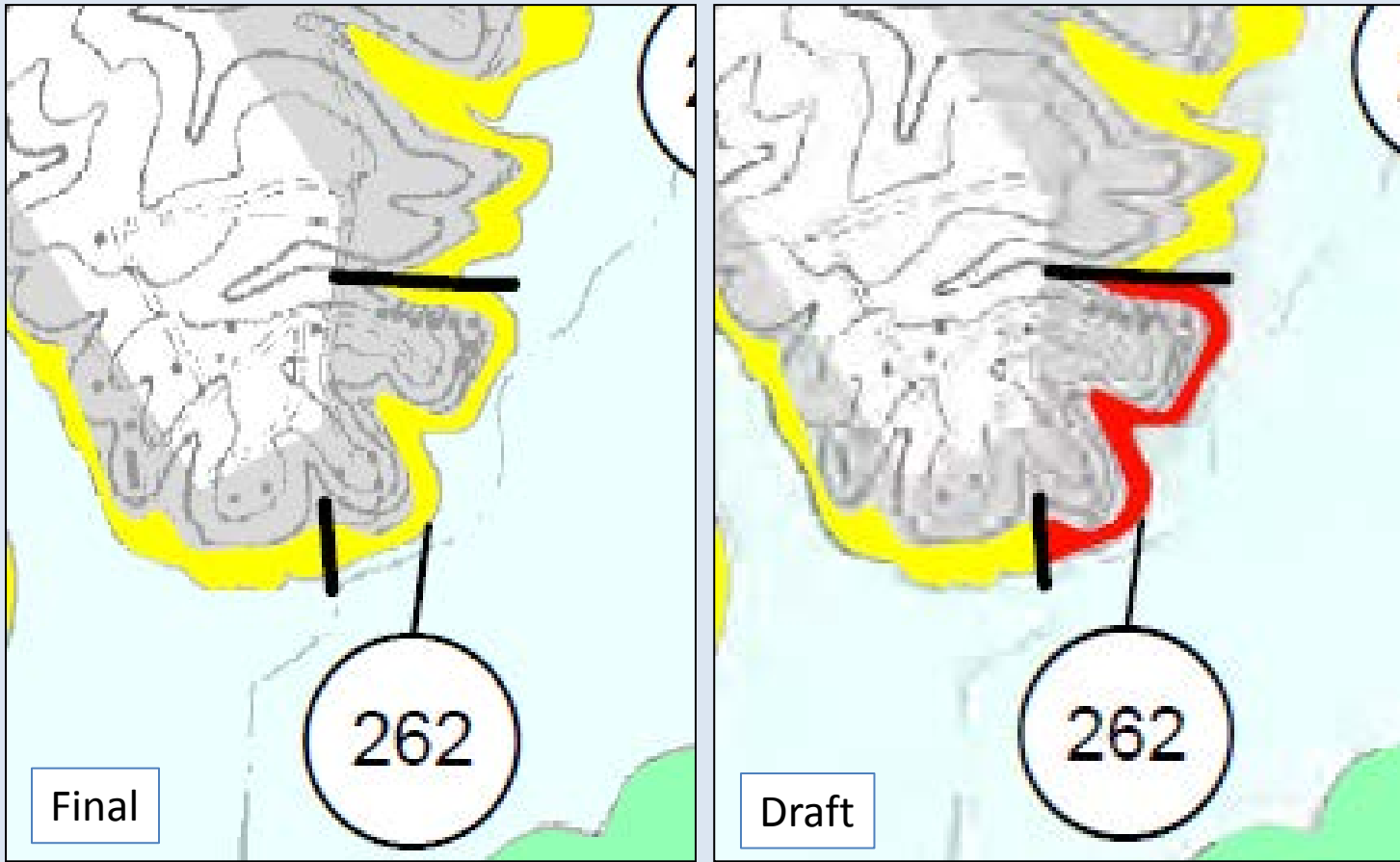


- Parcel 130 (Zone 5) revised from 20.4 to 14.5 acres
- Revised boundary at Parcel 128 – Parcel 128 revised from 732.7 to 731.7
- Moved a portion of Parcel 130 to Zone 6 -- Parcel 134 revised from 13.8 to 20.8 acres

PARCEL 262 – Zone 7 (3.5 acres)

Location: Panel 6; Benton Co.; TM 103.5L

Revision: Change parcel from Zone 6 to Zone 7 to reflect shoreline access rights. Change is consistent with Shoreline Management Policy.

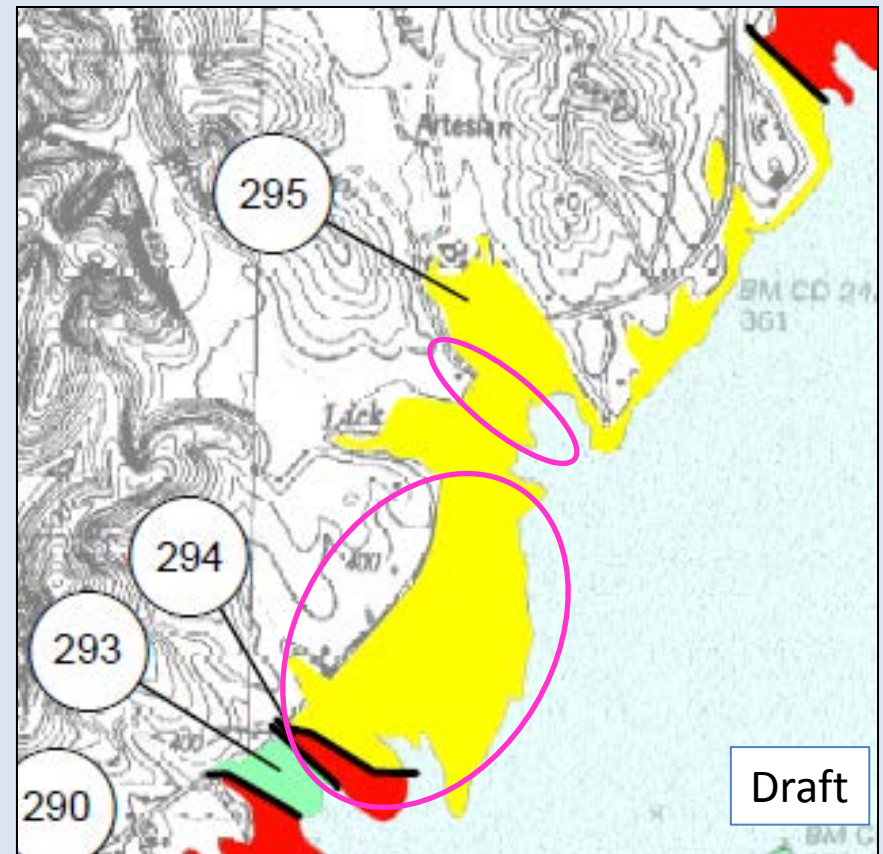
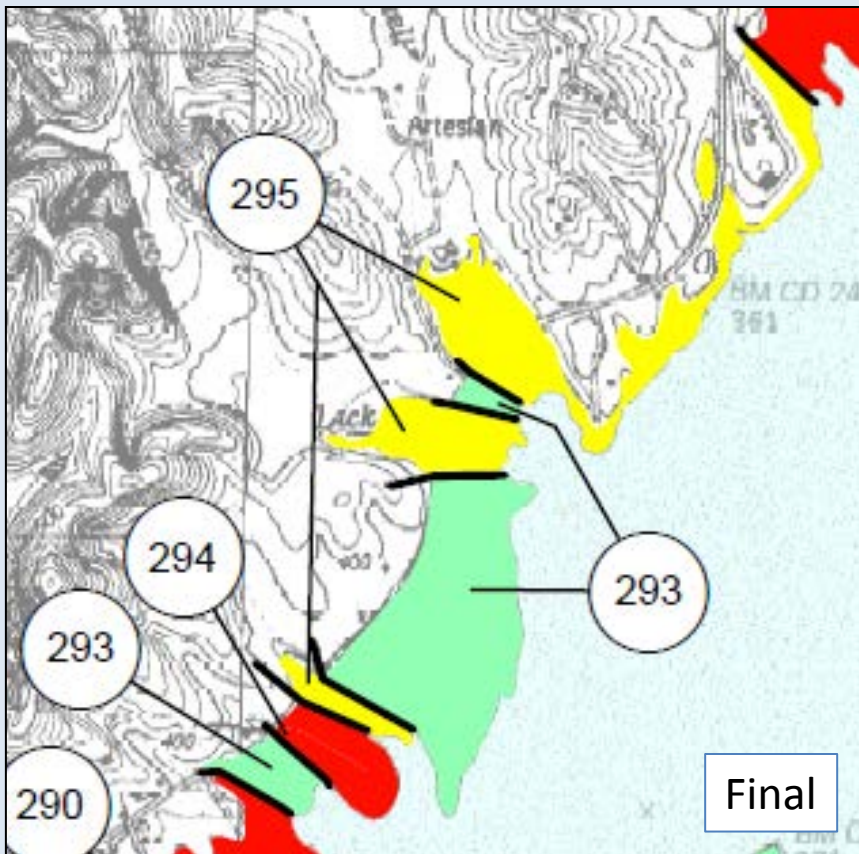


- Parcel 262 (Zone 6) 3.5 acres changed to Zone 7

PARCEL 295 - Zone 7 (38.5 acres); Parcels 293 (Zone 4) and 294 (Zone 6)

Location: Panel 6; Benton Co.; TRM 103.5L

Revision: Portions of Parcel 295 should be not be Zone 7 - the road was mistaken for the 375-foot contour. Moved 37.9 acres to Zone 4 and 3.4 acres to Zone 6.

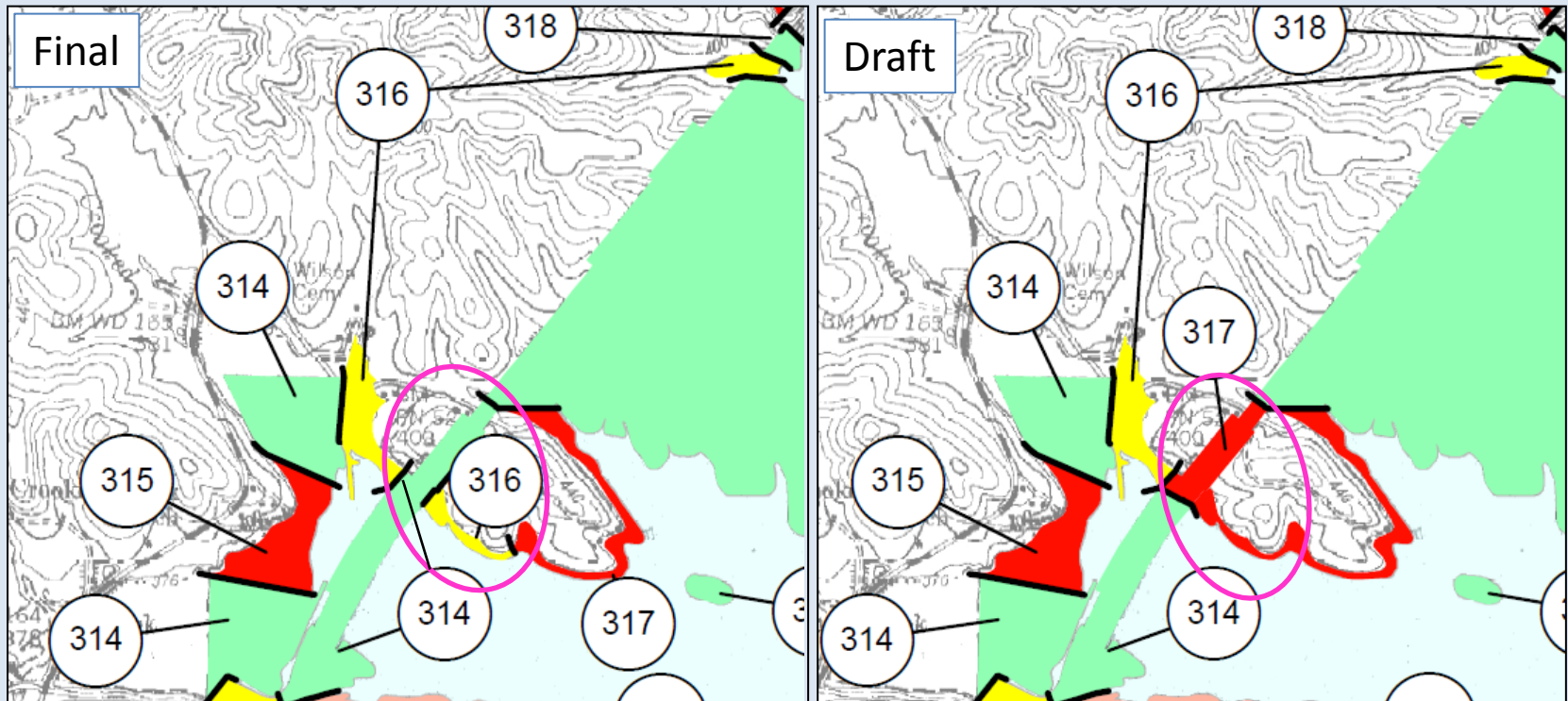


- Parcel 295 (Zone 7) revised from 79.8 acres to 38.5 acres
- Moved a portion of Parcel 295 to Zone 4 - Parcel 293 revised from 4.8 to 42.7 acres
- Moved a portion of Parcel 295 to Zone 6 - Parcel 294 revised from 4.4 to 7.8 acres

PARCEL 317 – Zone 6, (8.0 acres); Parcels 314 (Zone 4) and 316 (Zone 7)

Location: Panel 5; Benton Co.; TRM 79.5L

Revision: Changed portion of Parcel 317 fronting residential property with deeded access rights to Zone 7, changed adjacent straight-line property to Zone 4.

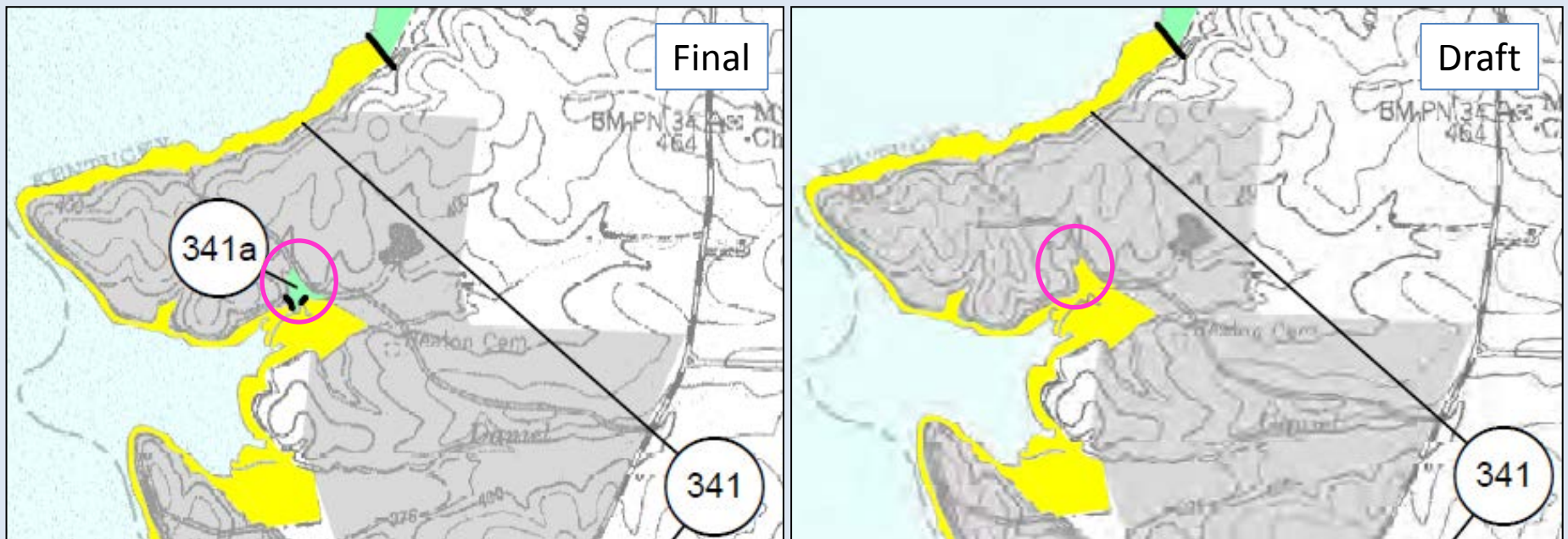


- Moved a portion of Parcel 317 to Zone 7 (Parcel 316)
 - Parcel 317 revised from 15.0 to 8.0 acres
 - Parcel 316 revised from 9.4 to 11.4 acres
- Moved a portion of Parcel 317 to Zone 4 (Parcel 314)
 - Parcel 314 revised from 47.3 to 53.3 acres

Parcel 341 – Zone 7 (50.1 acres); PARCEL 341a – Zone 4 (0.9 acre)

Location: Panel 4; Benton Co., Big Sandy River miles 12.1 to 13R

Revision: Create a new Zone 4 parcel to reflect previous property exchange where shoreline access rights were extinguished at this location in exchange for shoreline access rights across the river (Parcel 366).

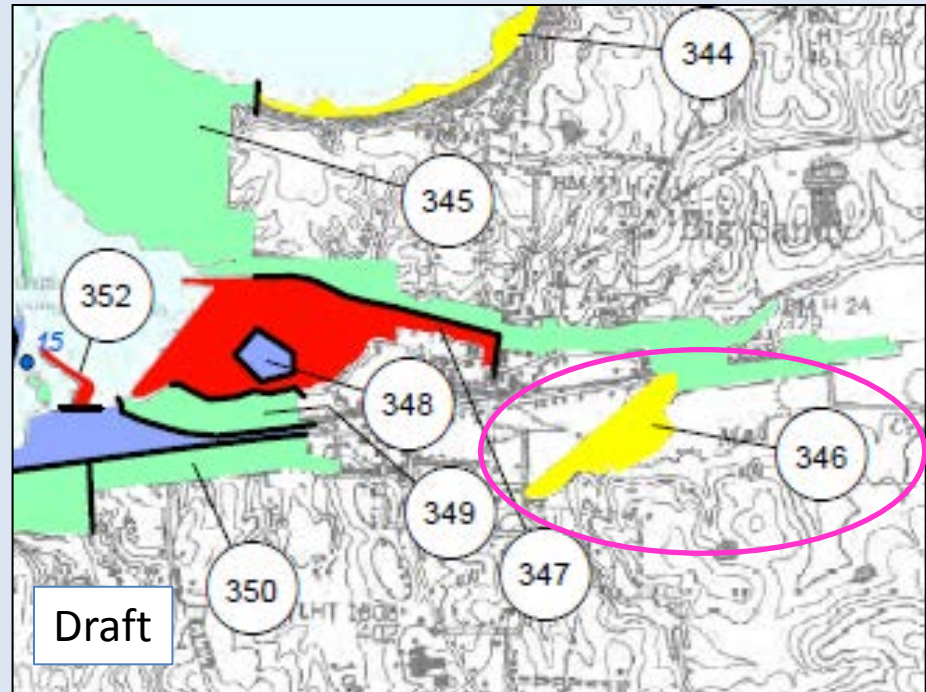
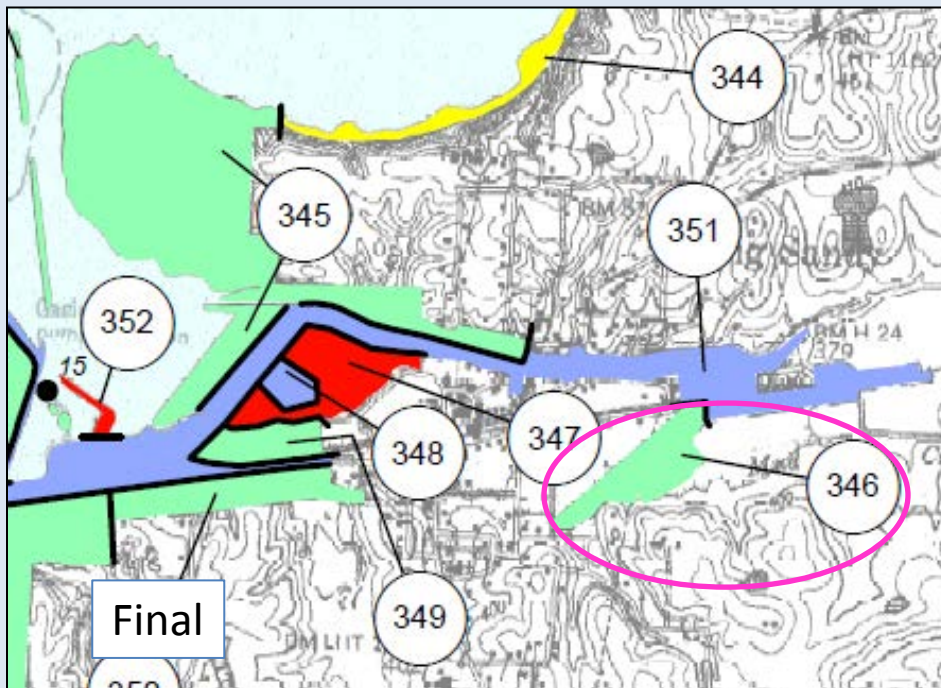


- Parcel 341 (Zone 7) revised from 51.0 to 50.1 acres
- Moved a portion of Parcel 341 to Zone 4, new Parcel 341a (0.9 acre)

PARCEL 346 – Zone 4 (11.7 acres)

Location: Panel 4, Benton Co., Big Sandy River mile 15R

Revision: Change allocation from Zone 7 to Zone 4. Although back-lying property has shoreline access rights, the reservoir is over 3,350 feet away and a water-use facility is not feasible.

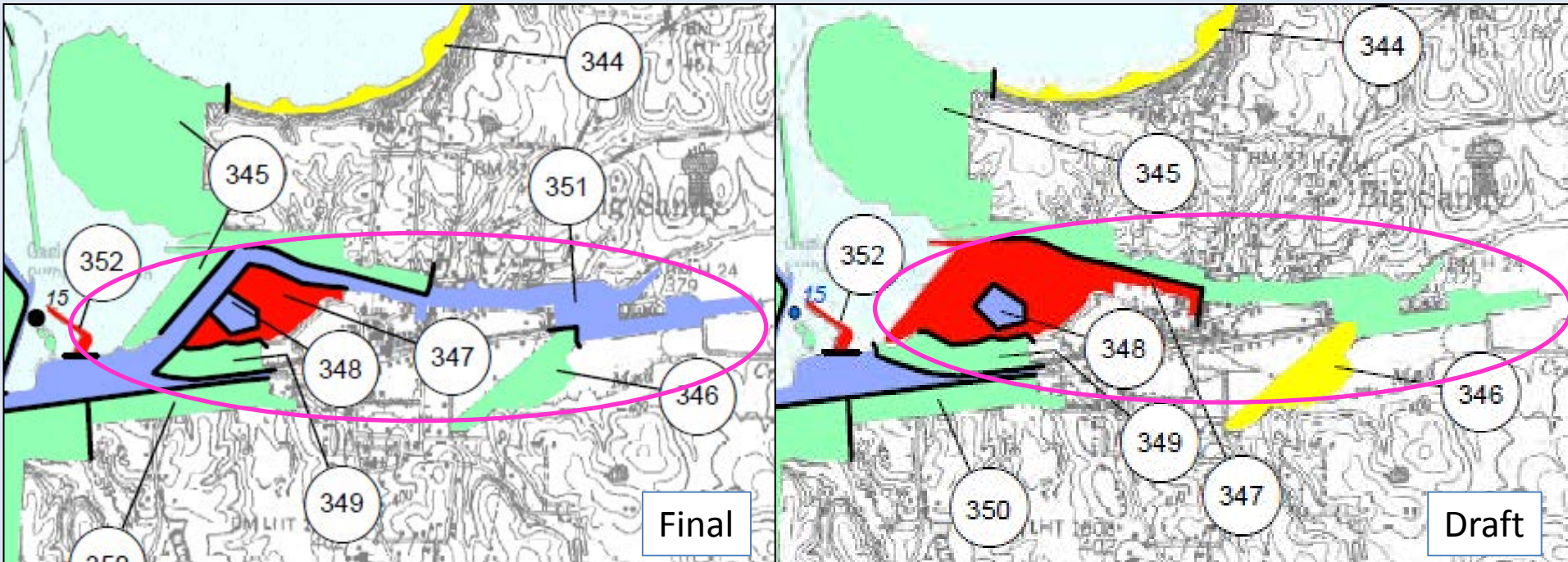


- Parcel 346 (Zone 7); changed 11.7 acres to Zone 4

PARCEL 347 – Zone 6 (14.4 acres); Parcels 345 and 349 (Zone 4); Parcel 351 (Zone 2)

Location: Panel 1, Benton Co., Big Sandy River mile 15R

Revision: TVA backwater protection levee was overlooked during planning. Revised parcel boundaries within levee footprint and allocated all property within levee footprint as Zone 2
Parcels 345, 347, 349, and 351 changed boundaries, and acreages.



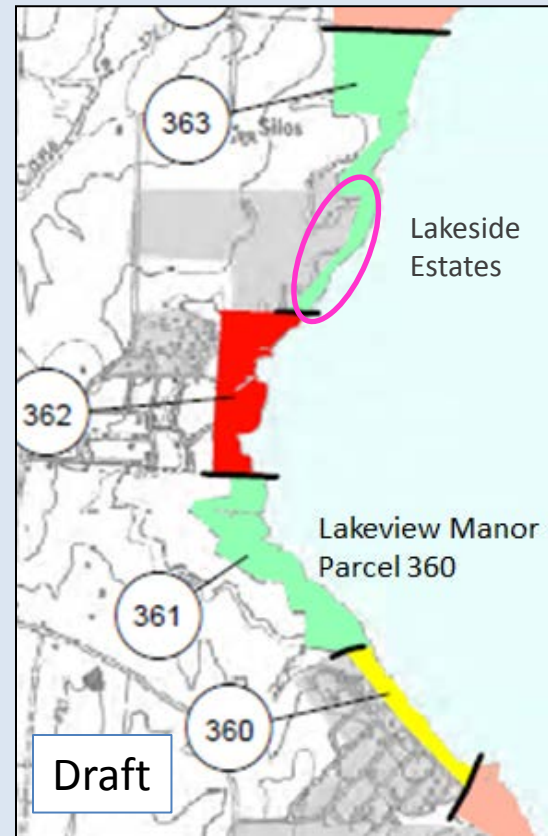
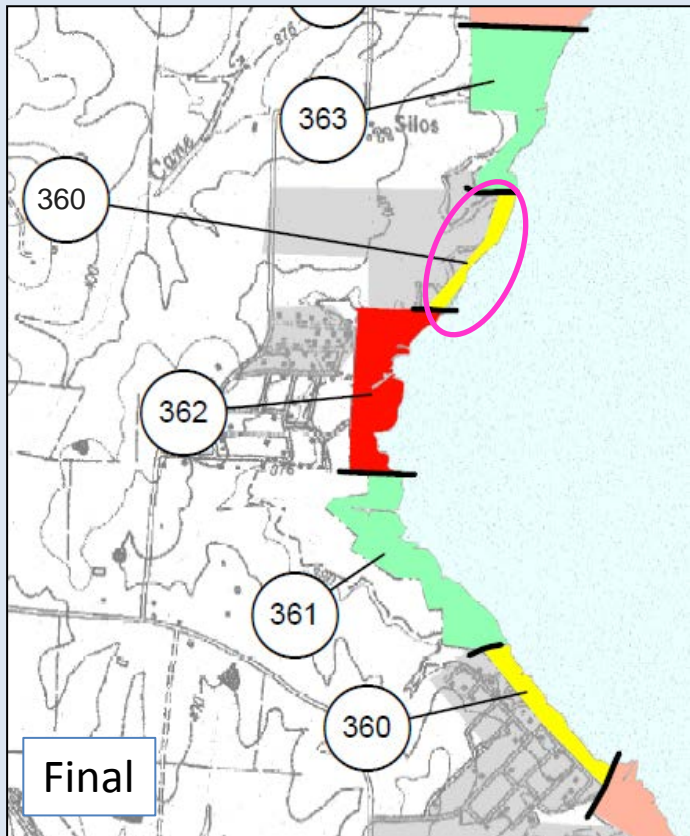
- Moved levee area on Parcel 345 (Zone 4) to Zone 2 (Parcel 351)
- Moved portions of Parcel 347 to Zone 2 (Parcel 351) and Zone 4 (Parcel 349)
- Moved levee area on Parcel 349 (Zone 4) to Zone 2 (Parcel 351)

PARCEL 360 – Zone 7 (9.5 acres); Parcel 363 - Zone 4 (18.4 acres)

Location: Panel 4; Henry Co.; Big Sandy River mile 13.5L

Revision: Changed a 3.6-acre portion of Parcel 363 fronting Lakeside Estates to Zone 7 (Parcel 360) to reflect shoreline access rights.

Zone 7 allocation is consistent with the Shoreline Management Policy.

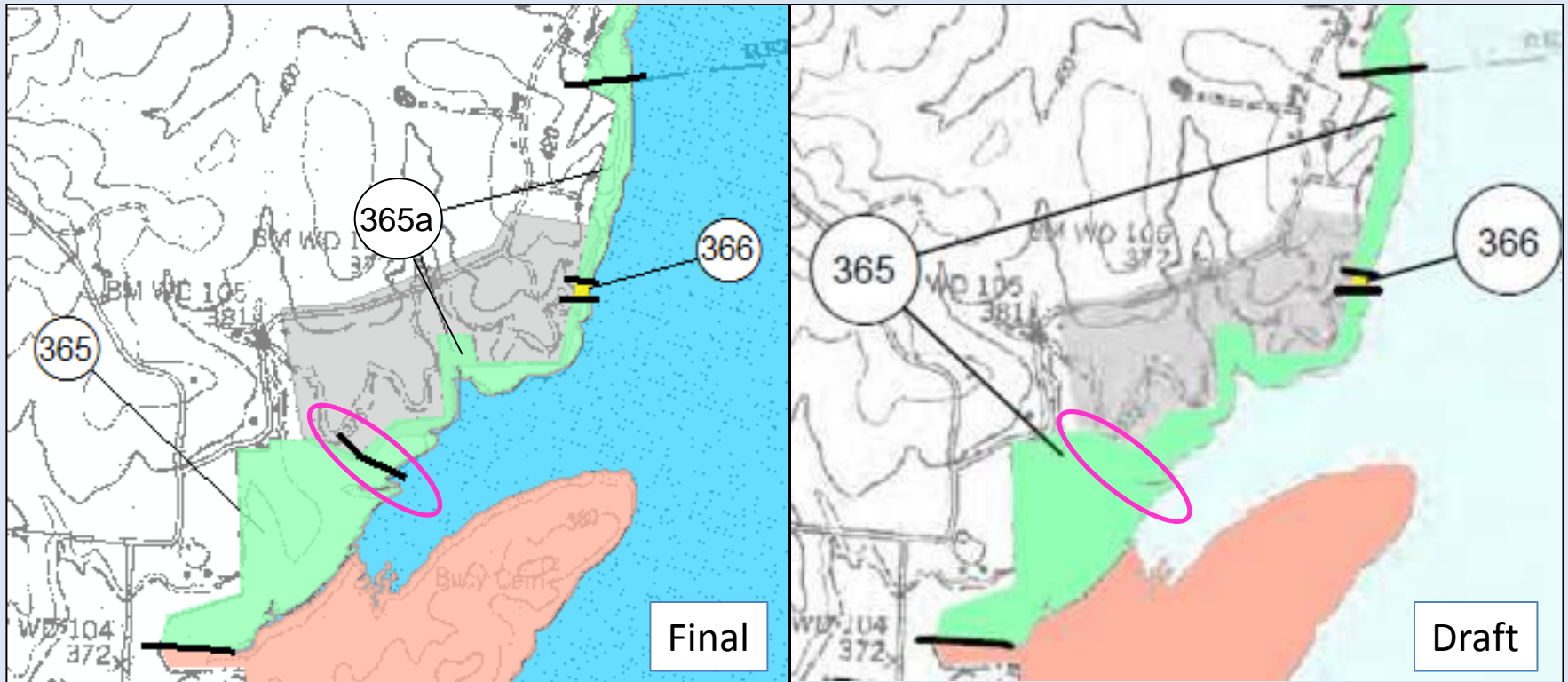


- Parcel 360 (Zone 7) revised from 5.9 to 9.5 acres
- Parcel 363 (Zone 4) revised from 22.0 to 18.4 acres

PARCEL 365a – Zone 4 (16.2 acres); Parcel 365 – Zone 4 (46.2 acres)

Location: Panel 4; Henry Co.; Big Sandy River miles 10.7 to 11.5L

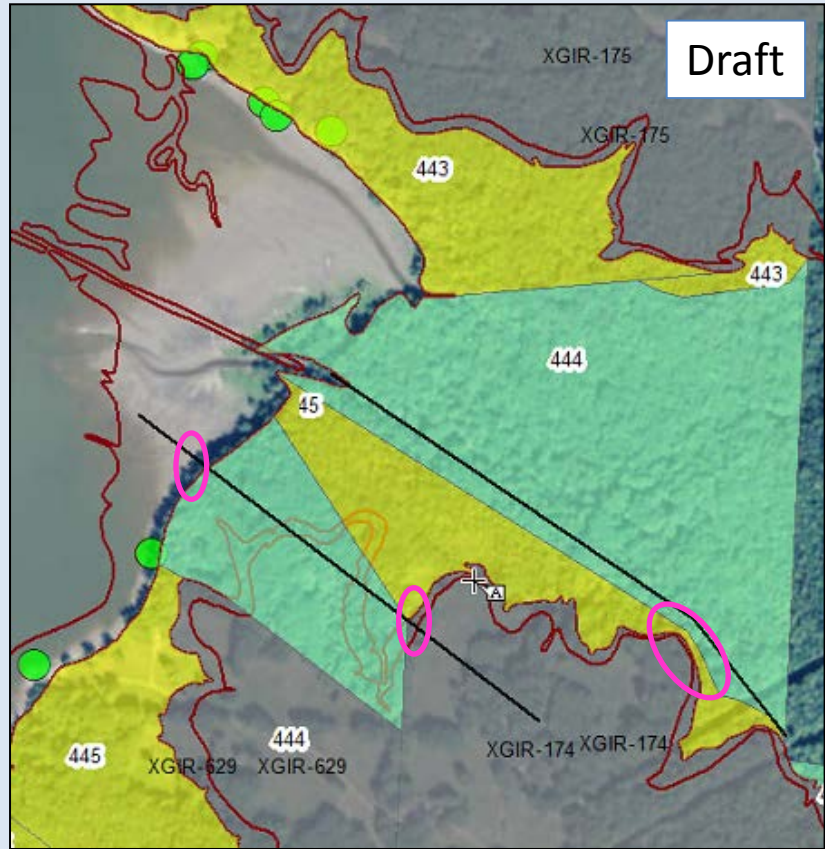
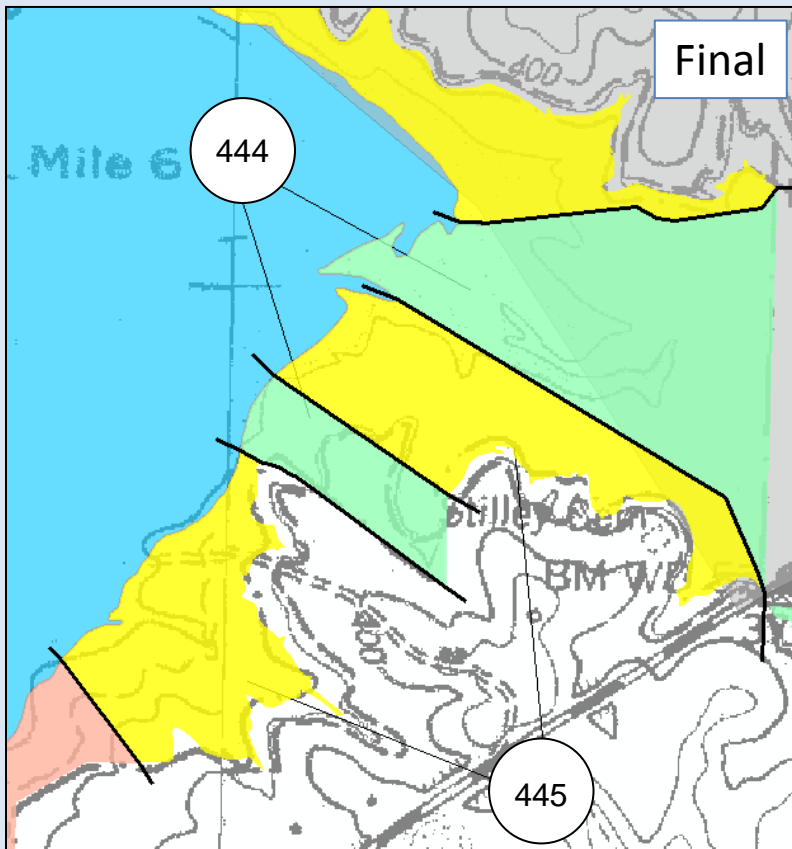
Revision: Reduced Parcel 365 by 16.2 acres and added 16.2 acres to create Parcel 365a. Changes reflect a request for a new parcel fronting residential area. There is no change to the allocation as back-lying property does not have shoreline access rights.



PARCEL 444 – Zone 4 (41.8 acres); Parcel 445 – Zone 7 (36.6 acres)

Location: Panel 3; Calloway Co., Blood River mile 6R

Revision: Adjust shoreline boundary.



- Moved a portion of Parcel 444 to Zone 7 - Parcel 444 revised from 50.5 to 41.8 acres
 - Parcel 445 (Zone 7) revised from 27.9 to 36.6 acres

PARCEL 483 – Zone 4 (48.4 acres); Parcel 485 – Zone 7 (46.0 acres)

Location: Panel 2; Marshall Co., TRMs 38.8 to 39.8L

Revision: Remove unauthorized peninsula on Parcel 483 and change from Zone 4 to Unplanned. Adjust Parcel 485 boundary to reflect the shoreline contour.

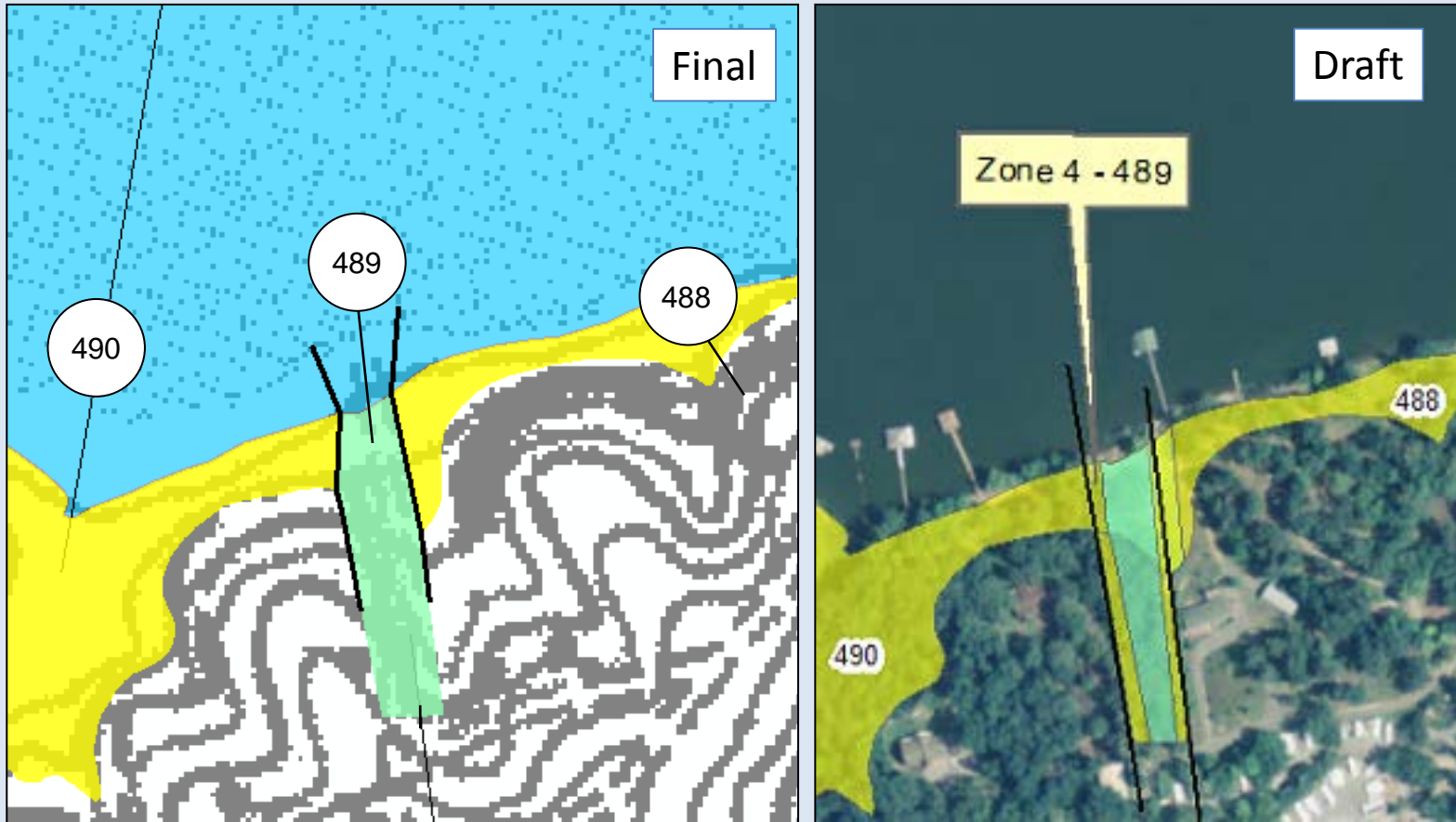


- Moved a portion of Parcel 483 to Parcel 485 – Parcel 485 revised from 45.9 to 46.0 acres
 - Parcel 483 (Zone 4) revised from 49.0 to 48.4 acres

PARCEL 489 – Zone 4 (1.2 acres); Parcel 488 (16.4 acres); Parcel 490 (4.4 acres)

Location: Panel 2; Marshall Co.; Jonathan Creek mile 2.2R

Revision: Adjust Parcel 489 eastern and western boundaries to be consistent with back-lying property access rights

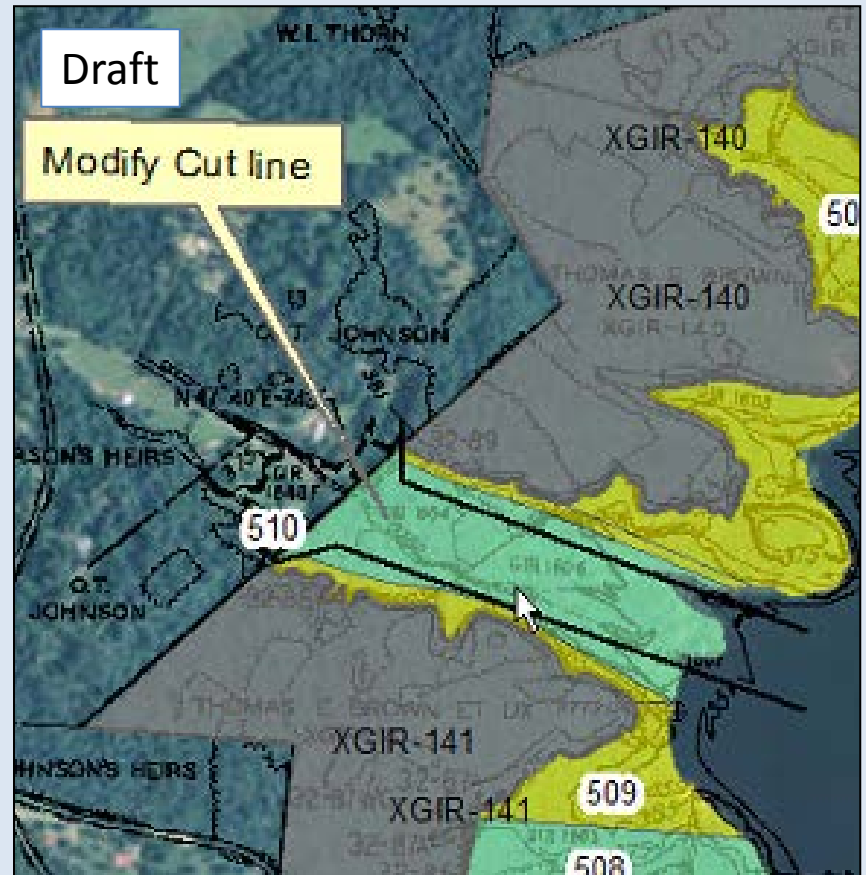
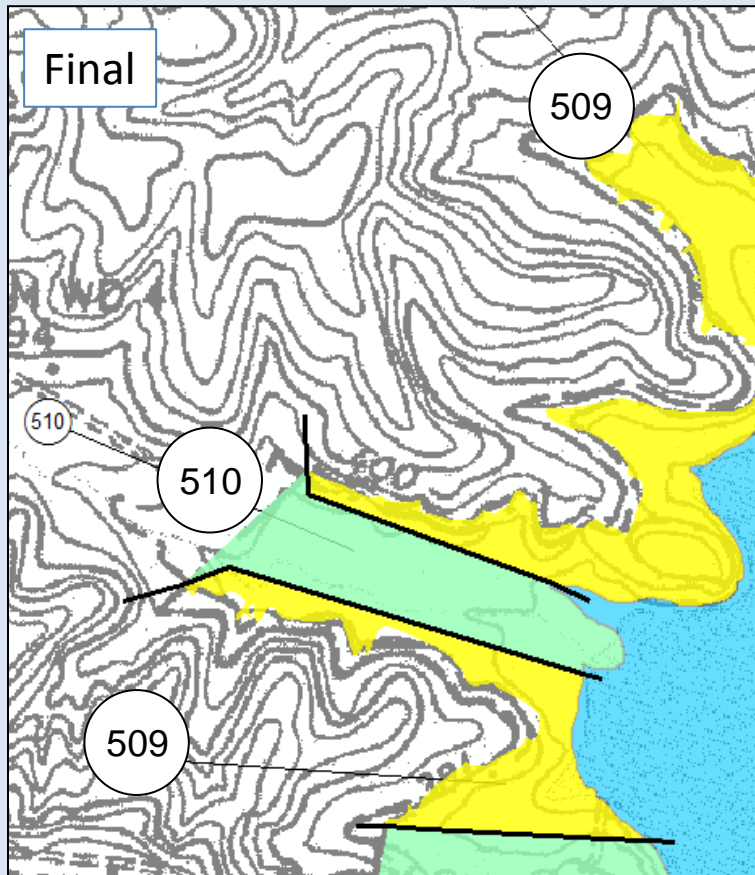


- Revised Parcel 489 (Zone 4) from 0.7 to 1.2 acres
- Parcel 488 (Zone 7) from 16.6 to 16.4 acres -- Parcel 490 (Zone 7) from 4.6 to 4.4 acres

PARCEL 509 – Zone 7 (56.9 acres); Parcel 510 – Zone 4 (24.0 acres)

Location: Panel 2; Marshall Co.; Jonathan Creek miles 3.5 and 4.3L

Revision: Minor adjustment to boundaries.

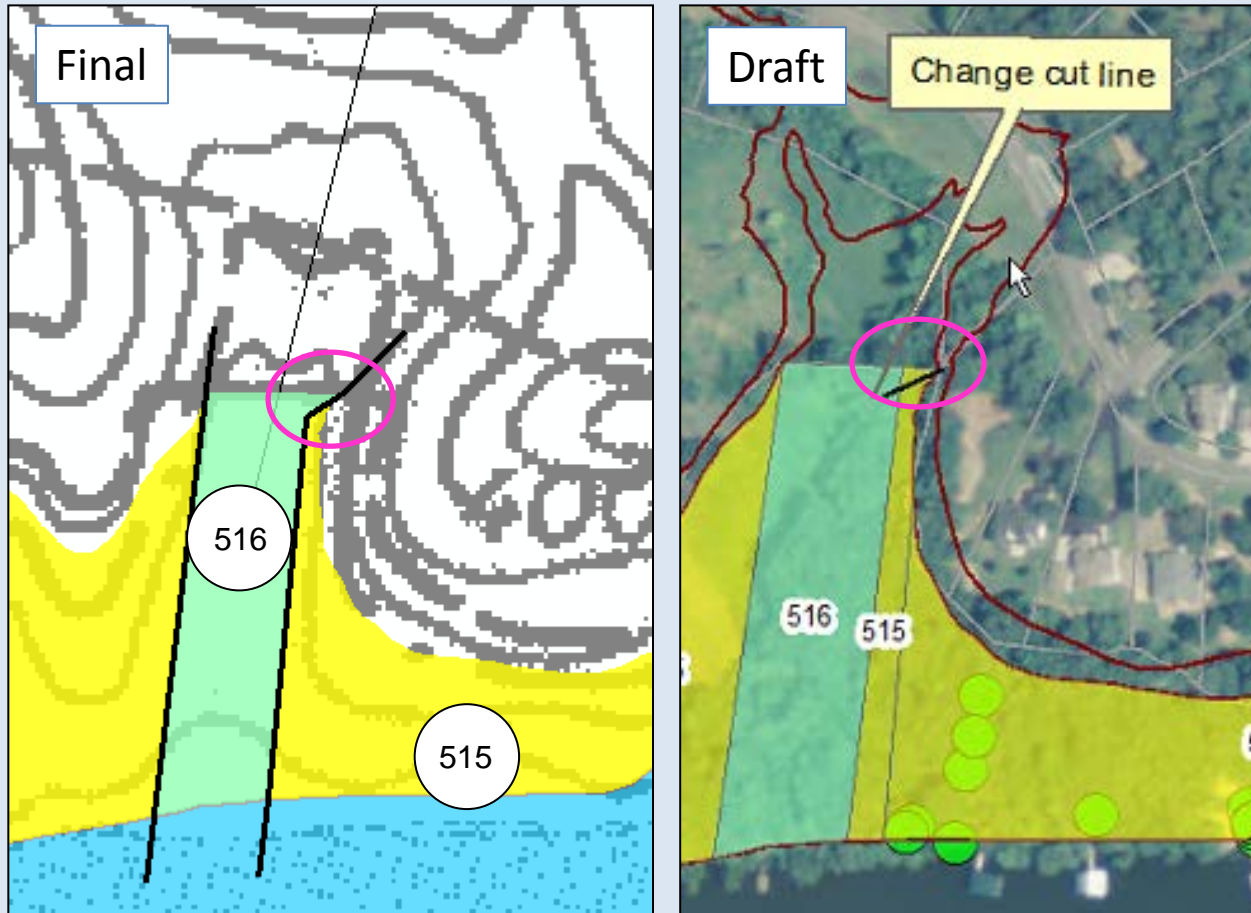


- Moved a portion of Parcel 510 to Zone 7 - Parcel 510 revised from 28.2 to 24.0 acres
 - Parcel 509 (Zone 7) revised from 52.7 to 56.9 acres

PARCEL 515 – Zone 7 (33.6 acres); Parcel 516 – Zone 4 (15.2 acres)

Location: Panel 1; Marshall Co.; TRM 33.2L

Revision: Adjust corner portion of Parcel 516 (Zone 4) to reflect shoreline access rights.

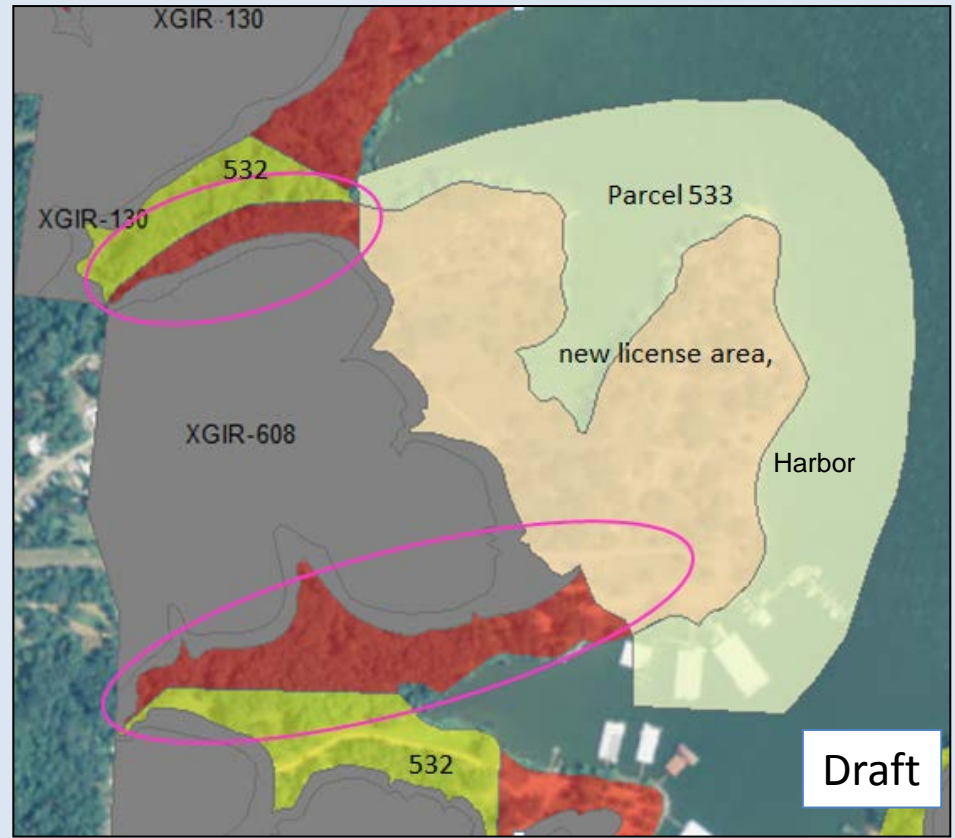
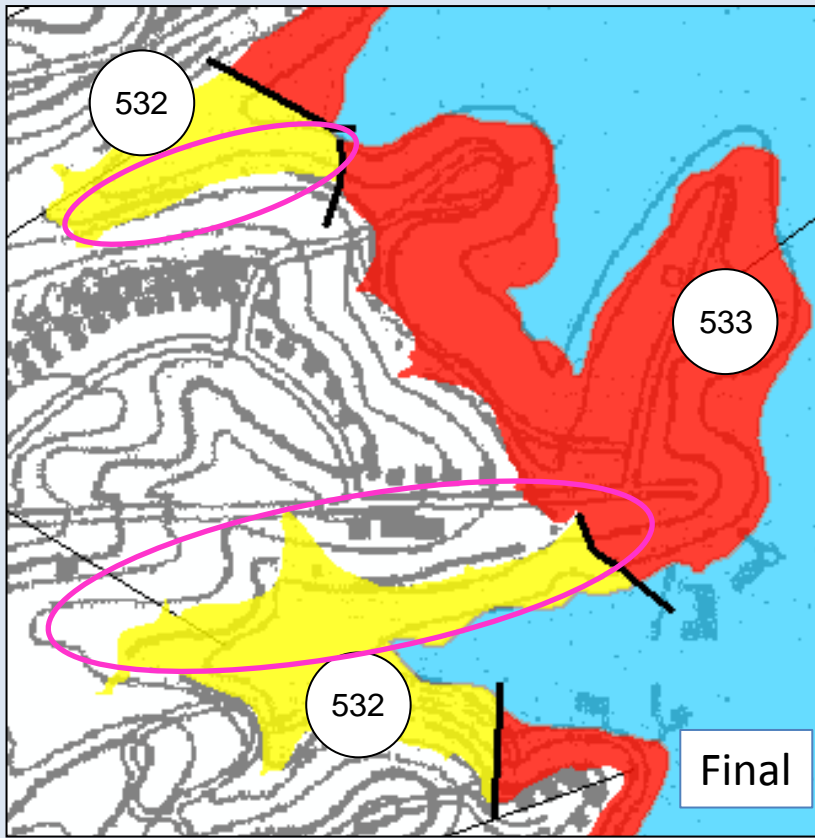


- Moved a portion of Parcel 515 to Zone 4 - Parcel 515 revised from 33.7 to 33.6 acres
 - Parcel 516 (Zone 4) revised from 15.1 to 15.2 acres

PARCEL 533 – Zone 6 (22.3 acres); Parcel 532 – Zone 7 (14.3 acres)

Location: Panel 1; Marshall Co.; TRM 33.2L

Revision: Changed portions of Parcel 533 to Zone 7 to reflect changes in back-lying property ownership and deeded shoreline access rights. Change also reflects updated recreation license area.



- Moved a portion of Parcel 533 (Zone 6) to Zone 7 (Parcel 532)
- Parcel 533 revised from 29.1 to 22.3 acres -- Parcel 532 revised from 7.5 to 14.3 acres