

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



WATTS BAR RESERVOIR

LAND MANAGEMENT PLAN AMENDMENT

VOLUME II

July 2021



This page intentionally left blank

Document Type: EA Administrative Record
Index Field: Final EA
Project Name: Watts Bar RLMP
Amendment
Project Number: 2017-5

WATTS BAR RESERVOIR

Loudon, Meigs, Rhea, and Roane Counties, Tennessee

Land Management Plan Amendment

VOLUME II

Prepared by
Tennessee Valley Authority

July 2021

This page intentionally left blank

Table of Contents

APPENDICES	II
LIST OF TABLES.....	II
LIST OF FIGURES	II
ACRONYMS AND ABBREVIATIONS	III
CHAPTER 1. INTRODUCTION	1
1.1 Tennessee Valley Authority History	2
1.2 Overview of TVA’s Mission and Environmental Policy.....	3
1.2.1 TVA’s Mission	3
1.2.2 Environmental Policy	3
1.2.3 Land Policy	3
1.2.4 Shoreline Management Policy	4
1.2.5 Section 26a of the TVA Act.....	4
1.3 Natural Resource Plan.....	6
1.3.1 Comprehensive Valleywide Land Plan.....	6
1.4 Purpose of Reservoir Lands Planning.....	7
CHAPTER 2. REGIONAL OVERVIEW.....	9
2.1 History of Watts Bar Dam.....	9
2.2 Watts Bar Reservoir and Present Shoreline.....	10
2.2.1 Kingston Fossil Plant Coal Ash Release	12
2.2.2 Clinch River Site	12
2.2.3 Natural Resource Management	13
2.2.4 Natural Areas.....	13
2.2.5 Developed Recreation Areas	14
2.2.6 The Future Management of Reservoir Lands.....	16
2.3 Historical Overview of Watts Bar Reservoir Lands Planning	16
2.3.1 1988 Watts Bar Reservoir Land Management Plan.....	16
2.3.2 2009 Watts Bar Reservoir Land Management Plan.....	16
2.3.3 2009 Watts Bar Reservoir Land Management Plan Errata Sheet.....	17
2.3.4 2012 Kingston Recovery Project Land Management Plan.....	18
2.4 The Watts Bar Land Plan Amendment.....	18
2.4.1 Incorporation of Corrections and Updates.....	18
2.4.2 Land Use Allocation Changes.....	19
2.4.3 Detailed Parcel Descriptions and Updated Maps	20
2.4.4 Updated Environmental Review Process for Parcel 109	20

CHAPTER 3. LAND PLANNING PROCESS	21
3.1 Process for Planning Land	21
3.1.1 Committed and Uncommitted Land	23
3.1.2 Land Use Zone Definitions	24
3.1.3 Watts Bar Reservoir Land Plan Amendment Environmental Review	28
3.2 Reservoir Lands Planning Goals and Objectives	28
3.3 Parcel Allocations	29
3.4 Property Administration	31
CHAPTER 4. PARCEL DESCRIPTIONS	33
4.1 Introduction	33
CHAPTER 5. PLANNING TEAM	327
CHAPTER 6. LITERATURE CITED	331
GLOSSARY	332

APPENDICES

Appendix A – Land Plan Panel Maps	335
Appendix B – Allocation Change Exhibit Maps	345
Appendix C – Uncommitted Parcels	355

LIST OF TABLES

Table 1-1. Current and Comprehensive Valleywide Land Plan Allocation Ranges	7
Table 2-2. TVA Natural Areas on Watts Bar Reservoir	14
Table 2-3. Summary of Developed Recreation Areas on TVA Public Land	15
Table 2-3. Power Property Removed from Watts Bar Planned Land	19
Table 2-4. Description of Amendment Allocation Changes	19
Table 3-1. Land Use Zone Definitions	24
Table 3-2. Summary of Amendment Allocation Changes	30
Table 3-3. Summary of Watts Bar Reservoir Allocation Designations	30
Table 3-4. Allocation Range Comparisons	31
Table A-1. Panel Map Parcel Directory	339

LIST OF FIGURES

Figure 1-1. Map of TVA-Managed Reservoir Land	5
Figure 2-1. Map of TVA-Managed Reservoir Lands on Watts Bar Reservoir	11

ACRONYMS AND ABBREVIATIONS

CRM	Clinch River mile
CVLP	Comprehensive Valleywide Land Plan
EA	Environmental Assessment
EIS	Environmental Impact Statement
EO	Executive Order
ERM	Emory River mile
kV	Kilovolt
msl	Mean sea level
NEPA	National Environmental Policy Act
NRP	Natural Resource Plan
RLMP	Reservoir Land Management Plan
ROW	Right-of-way
SMI	Shoreline Management Initiative
SMP	Shoreline Management Policy
SR	Tennessee State Route
TDEC	Tennessee Department of Environment and Conservation
TRM	Tennessee River mile
TVA	Tennessee Valley Authority
TVA Act	Tennessee Valley Authority Act of 1933
TVA Board	Tennessee Valley Authority Board of Directors
TWRA	Tennessee Wildlife Resource Agency
U.S.	United States
US	United States Highway
Valley	Tennessee River Valley region

This page intentionally left blank

CHAPTER 1. INTRODUCTION

The Watts Bar Reservoir Land Management Plan (RLMP) Amendment was approved by the Tennessee Valley Authority (TVA) Chief Executive Officer on July 6, 2021. This Volume serves as the consolidated planning document addressing management of TVA reservoir lands on Watts Bar Reservoir for the reference of TVA staff and the public.

TVA manages approximately 293,000 acres of land along its reservoirs 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 ensure continuing economic growth in the Tennessee River Valley region (Valley). The Watts Bar RLMP Amendment is a compilation of the TVA-managed public lands surrounding Watts Bar Reservoir and serves to update the 2009 *Watts Bar Reservoir Land Management Plan and Environmental Impact Statement* (TVA 2009) (2009 RLMP and EIS) and its supplements¹.

This amendment was prepared in response to new issues and changes in conditions and circumstances on Watts Bar Reservoir and modifies the land use allocations on eight parcels affecting 231.2 acres. TVA has also prepared a supplemental environmental assessment (EA) (Volume I) that tiers from the 2009 Watts Bar RLMP and EIS to assess potential impacts of the allocation changes. The supplemental EA Volume I contains information on the scoping process, allocation process, alternatives, comparison of the alternatives, and the analysis of potential impacts of the allocation changes.

TVA develops RLMPs using the Single Use Parcel Allocation methodology, which defines separate parcels of reservoir lands and allocates those parcels and affiliated land rights to a single land use allocation zone. Land use zones are defined later in Table 3-1.

TVA Land Planning Zones

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

¹ After the 2009 RLMP and EIS were issued, TVA prepared the following supplements to the 2009 RLMP and EIS: an Errata Sheet that lists corrections to the 2009 RLMP and EIS and the 2012 Kingston Recovery Project Land Management Plan (TVA 2012) that addresses eight of the nine parcels on Watts Bar Reservoir that were impacted by the 2008 Kingston Fossil Plant ash spill.

This Volume provides background information about TVA's land management throughout its history and specifically focuses on TVA's management of its public lands surrounding Watts Bar Reservoir. It explains the purpose of the amendment and describes the processes used in its development. The Watts Bar 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 367 parcel descriptions documenting land management allocations. The four reservoir maps illustrating the land use allocations are included as Appendix A of this RLMP Amendment. This Volume will serve as the consolidated planning document addressing management of TVA reservoir lands on Watts Bar Reservoir for the reference of TVA staff and the public.

This Volume will guide land use approvals, private water use facility permitting, and resource management decisions on TVA-managed public land around Watts Bar 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). The TVA Act is available at <https://www.tva.com/About-TVA/Our-History/The-TVA-Act>.

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 as 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.

1.2 Overview of TVA's Mission and Environmental Policy

1.2.1 TVA's Mission

TVA has a rich history of improving the quality of life and economic prosperity for the 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, TVA has worked tirelessly to carry out that mission and to make life better for the nine million people who live in the Valley today. TVA serves the people of the 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." It follows that roughly half of the identified strategic objectives and critical success factors in that 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 2020, 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. A copy of the Environmental Policy is available at <https://www.tva.com/environment/policy>.

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. However, creation of the TVA reservoir system inundated approximately 470,000 acres with water. Since that time, TVA has transferred or sold approximately 509,000 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 (Figure 1-1) which continue to be managed pursuant to the TVA Act. These TVA-managed reservoir lands are also referred to as "TVA public land" 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.com/landpolicy>.

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 "blended alternative" and the current Shoreline Management Policy (SMP) became effective in November 1999. The SMP 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 the reasonable and compatible use of the shoreline by adjacent residents and defines the standards for vegetation management, docks, shoreline stabilization, and other residential shoreline alterations.

On August 20, 2009, the TVA Board amended the SMP to terminate the "Maintain and Gain" program, which allowed TVA to consider requests from property owners without shoreline access rights to obtain those rights in exchange for eliminating shoreline access rights of equal or preferably greater length and value; such exchanges would result in no net loss, or preferably a net gain, of public shoreline. There are four parcels in this RLMP Amendment associated with the former Maintain and Gain program (Parcels 51 and 52 and Parcels 89a and 256a). SMP information is available at <https://www.tva.com/smp>.

1.2.5 Section 26a of the TVA Act

The TVA Act confers on TVA the broad authority related to the unified conservation and development of the Valley and surrounding area and directs that property in TVA's custody be used to promote the Act's purposes. In particular, Section 26a of the 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

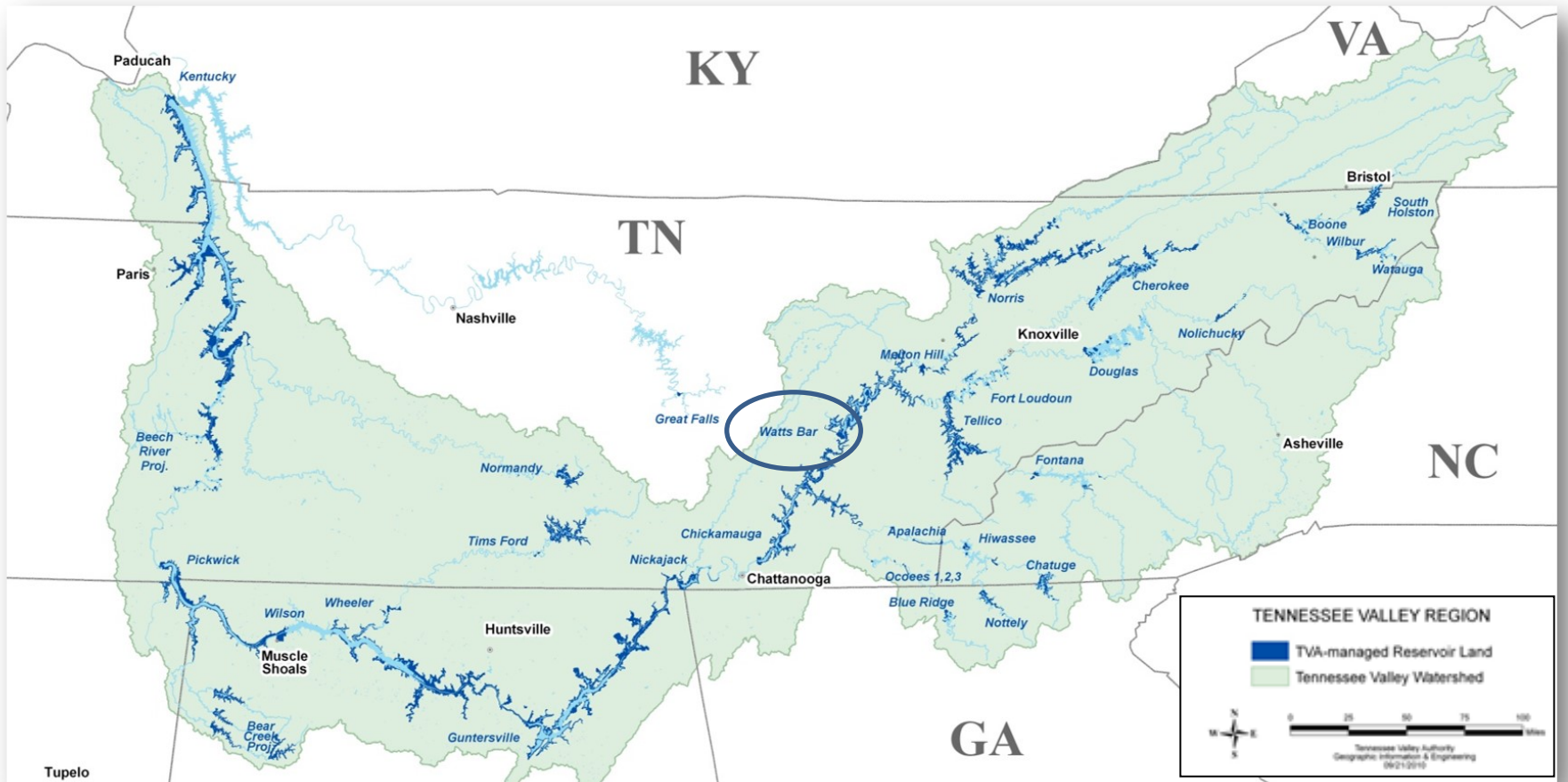


Figure 1-1. Map of TVA-Managed Reservoir Land

reservations along or in the Tennessee River or any of its tributaries. TVA's Section 26a regulations include shoreline construction standards as well as the approval process and other requirements regarding TVA's Section 26a jurisdiction. Section 26a regulations are available at <https://www.tva.com/26aregulations>.

1.3 Natural Resource Plan

In 2020, TVA updated its 2011 Natural Resource Plan (NRP) to support a more strategic, flexible, and comprehensive management approach to TVA's natural and cultural resource stewardship work. The updated NRP serves as a strategic document that addresses focus areas along with TVA programs, objectives, and anticipated benefits. The program focus areas represent an expansion of the NRP's focus from six resource areas to ten focus areas that encompass the entire scope of TVA's natural resource stewardship efforts. The six resource areas in the 2011 NRP have been carried forward and updated as the following focus areas: Reservoir Lands Planning; Land and Habitat Stewardship; Cultural Resource Management; Water Resources Stewardship; Recreation; and Public Outreach and Information. The new focus areas address Section 26a Permitting and Land Use Agreements; Public Land Protection; and Ecotourism. In addition, Nuisance and Invasive Species Management, which was addressed on a limited basis in the 2011 NRP, is included in the 2020 NRP as the Nuisance and Invasive Species Management Focus Area. Detailed implementation plans, such as this RLMP Amendment, are being developed consistent with the NRP to drive specific implementation efforts. More information about the NRP and TVA stewardship projects is available at <https://www.tva.com/nrp>.

1.3.1 Comprehensive Valleywide Land Plan

As part of the NRP, TVA adopted the Comprehensive Valleywide Land Plan (CVLP), which established target allocation ranges for each type of land use to enable TVA to maintain a desired balance of shoreline land uses on a system-wide basis. The CVLP and its allocation range targets enable TVA and the public to consider allocations across the reservoir system and determine whether too much or too little attention is being given to particular land uses.

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 reservoir 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 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 allocation ranges were updated in August 2017 to reflect changes in land use allocations across the Valley after the completion of the Multiple Reservoir Land Management Plans and EIS (TVA 2017). The multiple reservoirs project included eight reservoirs that comprised the last of the remaining TVA reservoir lands yet to be planned using the Single Use Parcel Allocation methodology. The current valley-wide percentages of TVA reservoir land use allocations shown in Table 1-1 represent the land use allocation acreages in TVA approved RLMPs.

Table 1-1. Current and Comprehensive Valleywide Land Plan Allocation Ranges

Allocation Designation ¹		Current Valleywide Allocation (Percent)	CVLP Allocation Ranges (Percent)
Zone 2	Project Operations	8.7	7 to 10
Zone 3	Sensitive Resource Management	16.0	14 to 18
Zone 4	Natural Resource Conservation	60.0	56 to 63
Zone 5	Industrial	1.6	1 to 3
Zone 6	Developed Recreation	8.4	8 to 10
Zone 7	Shoreline Access	5.2	5 to 6

¹ Zone 1 – Non-TVA Shoreland represents private land on which TVA retained certain rights such as flowage.

Lastly, the CVLP clarifies that TVA's reservoir lands planning no longer includes agency power plant properties. On Watts Bar Reservoir, planned power plant properties include Watts Bar Nuclear Plant, Kingston Fossil Plant, and the former Watts Bar Fossil Plant. These properties are no longer included as planned reservoir property and primary management will remain as power generation.

1.4 Purpose of Reservoir Lands 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.

Watts Bar Reservoir Land Plan Amendment

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.

An increasing demand for use of reservoir lands sometimes results in conflicting public opinions regarding the most appropriate use of individual parcels of TVA public land. These competing interests and development pressures, coupled with today's environmental awareness, underscore the necessity for a methodical and comprehensive planning approach to the management, retention, and disposal of reservoir lands managed by TVA.

The purpose of reservoir lands planning is to apply a systematic method of identifying and evaluating the most suitable uses of TVA public lands in furtherance of TVA's responsibilities under the TVA Act and TVA policies and plans.

CHAPTER 2. REGIONAL OVERVIEW

The headwaters of the Tennessee River are in eastern Tennessee, southwestern Virginia, western North Carolina, and 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 TVA Act was amended August 31, 1935, requiring TVA to report to Congress its recommendations for the unified development of the Tennessee River System. The proposed system would include nine main rivers, multi-purpose dams, and three or more tributary storage dams. The system would contribute substantially to the control of floods on the Tennessee, lower Ohio, and lower Mississippi rivers, establish a formalized navigation channel, and provide many related benefits, including a large supply of electric power. By the end of 1970, the integrated water control system in the Valley was comprised of 32 major dams, nine on the Tennessee River and 23 on tributaries.

2.1 History of Watts Bar Dam

Watts Bar Dam construction began in 1939 and was completed in January 1942, just weeks after the attack at Pearl Harbor, and it provided needed electricity for the war effort. The dam was initially named Whites Creek, but it was renamed Watts Bar Dam in reference to its location across the slough at the head of Watt Island. During the construction years, as many as 1,800 worked on building the dam. Watts Bar Dam is one of nine TVA dams on the Tennessee River and is located on the main Tennessee River at river mile 529.9, about midway between Chattanooga and Knoxville, Tennessee. Watts Bar Dam is 112 feet high and stretches 2,960 feet across the Tennessee River. Watts Bar Dam is a hydroelectric facility with five generating units that have a net dependable capacity of 196 megawatts. Net dependable capacity is the amount of power a dam can produce on an average day, minus the electricity used by the dam itself. Watts Bar has one 60-foot by 360-foot lock that lifts and lowers barges as much as

70 feet to Chickamauga Reservoir, and the lock handles more than one million tons of cargo a year.

2.2 Watts Bar Reservoir and Present Shoreline

Watts Bar Reservoir has 721 miles of shoreline and a total surface area of approximately 39,090 acres. The reservoir has a flood-storage capacity of 379,000 acre-feet. To maintain the water depth required for navigation, the minimum winter elevation for Watts Bar Reservoir is 735 feet mean sea level (msl), and the typical summer operating range is between 740 feet msl and 741 feet msl. The reservoir extends 72.4 miles up the Tennessee River to Fort Loudoun Dam and 62.5 miles up the Tennessee and Clinch rivers to Melton Hill Dam, and it also includes parts of the Emory River and Little Emory River. Watts Bar Reservoir flows from the northeast to southwest through portions of Loudon, Roane, Meigs, and Rhea counties, and the principal towns include Harriman, Kingston, Lenoir City, Loudon, Oak Ridge, Rockwood and Spring City (see Figure 2-1).

Existing land use patterns along the shoreline and backlying land have been influenced by initial TVA land acquisition and subsequent disposition via the sale, transfer of ownership, or retention of properties. TVA originally acquired approximately 55,000 acres of land for the Watts Bar project, including flowage and easements (TVA 1949). About 9,000 acres of this land has since been sold for private use or transferred to other federal and state agencies for public use. Subsequent land purchases for fossil and nuclear plants, transfers and/or sales of land to the U.S. Department of Energy, and for various commercial, industrial, residential, and recreational uses resulted in a balance of about 16,220 acres of TVA managed land (TVA 2009). Of these 16,220 acres, approximately 2,796 acres includes lands used solely for TVA power plant operations. Consistent with NRP, the scope of reservoir lands planning has been limited to TVA reservoir properties. Therefore, approximately 2,796 acres of power plant properties are no longer planned as reservoir property, and the remaining approximate 13,425 acres are the scope of TVA planned reservoir lands on Watts Bar Reservoir.

Of the 721 miles of shoreline, 340 miles (47 percent) are available for Shoreline Access (Zone 7) uses (residential areas where TVA sold tracts with deeded or implied rights for access and/or water use facilities across TVA land). The available area also includes previously planned lands determined by TVA policy to be available for consideration of water use facilities.

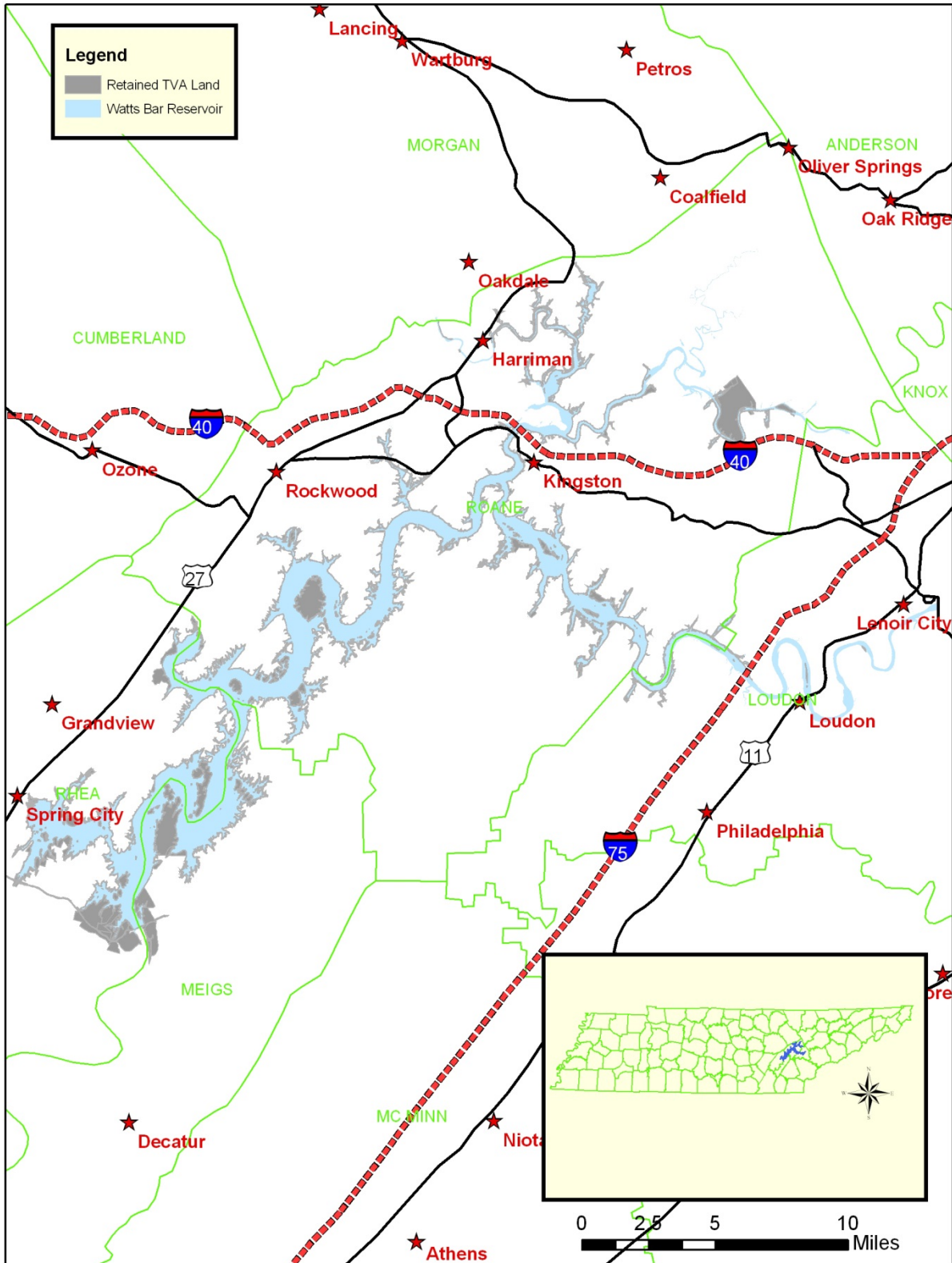


Figure 2-1. Map of TVA-Managed Reservoir Lands on Watts Bar Reservoir

2.2.1 Kingston Fossil Plant Coal Ash Release

On December 22, 2008, a coal ash spill occurred at Kingston Fossil Plant, releasing roughly 5.4 million cubic yards of coal ash to adjacent waterways and property on Watts Bar Reservoir. Property, structures, and infrastructure adjacent to Kingston Fossil Plant were damaged when the ash release occurred. In January 2009, it was estimated that approximately 275 acres of TVA property and private land were covered with ash, including two coves of the Emory River. Navigation on the Emory River from Emory River mile (ERM) 0 through ERM 4 was temporarily suspended during cleanup. Following the 2008 Kingston ash spill, TVA committed to restoring the area to as good as or better condition than it was before the spill, and all major construction associated with the recovery and restoration of the area is now complete.

2.2.2 Clinch River Site

In the 1970s and early 1980s, the Clinch River Breeder Reactor project was a joint effort of the U.S. Department of Energy and the electric power industry to design and construct a prototype for building breeder reactors on TVA property on the Clinch River portion of Watts Bar Reservoir between Clinch River miles (CRMs) 14.4 to 18.8 (see Appendix A, Panel Map 4).

There are six parcels designated as Zone 2 (Project Operations) on the former Breeder Reactor Site, now known as the Clinch River Site, to possibly meet future electric power demands (see Table 2-1). TVA received an early-site permit from the Nuclear Regulatory Commission in December 2019 which certifies the Clinch River Site's suitability from safety, environmental impact and emergency planning perspectives. TVA is further evaluating advanced power generation technologies which could be placed at the site and currently has no plans to build a new power plant at the Clinch River Site. An environmental review would be completed if TVA were to pursue a power generation project on the Clinch River Site, and the NEPA process provides an opportunity for public participation.

Table 2-1. Watts Bar Reservoir Parcels on Clinch River Site

Parcel Number	Description	Acres
137a	Navigation Safety Landing	2.6
142	Former Breeder Reactor Site	302.5
143	Former Breeder Reactor Site	181.6
144a	Former Breeder Reactor Site	172.3
145	Former Breeder Reactor Site	265.8
148	Former Breeder Reactor Site	10.5

2.2.3 Natural Resource Management

Through implementation of the NRP, TVA will address protecting and enhancing the biological resources of the Valley in a sustainable manner to support diverse habitats for wildlife populations. The Land and Habitat Stewardship focus area guides TVA's management of the forestlands, grasslands, wetlands and wildlife and their habitats through the continued evaluation of biological resources. This allows TVA to prioritize and then preserve sensitive resources (e.g., listed species and wetlands) and unique resources (e.g., old growth bottomland forests), as well as manage renewable resources (e.g., forests and native warm season grasses) in a sustainable manner to support diverse habitats for wildlife populations.

TVA public lands also provide many benefits to the people of the Valley and the Public Land Protection focus area serves to help prevent abuse and destruction of this land and to take necessary steps to remedy unauthorized uses and encroachments, as well as to engage and educate the public.

TVA reservoirs and public lands offer an abundance of recreation opportunities, including boating, water skiing, kayaking, canoeing, rafting, sailing, windsurfing, swimming, fishing, hunting, hiking, nature photography, picnicking, bird-watching and camping. The Recreation focus area promotes environmentally sustainable recreational use on TVA reservoirs and the land surrounding them. Further, with the Ecotourism focus area, TVA continues its mission of resource stewardship and economic development by building partnerships that support local, state, and regional tourism especially nature-based, outdoor adventure and sustainable activities.

2.2.4 Natural Areas

Natural areas are lands set aside for a particular management objective or lands that are known to contain sensitive biological, cultural, or scenic resources or ecologically significant sites. In 1983, in recognition of the importance of unique natural resources, TVA established a policy for the identification and protection of areas or features of natural and scenic significance. This policy provided for direct and cooperative actions by TVA in identifying significant natural and scenic areas of the region and in establishing protection for these resources. In order to implement this policy, a natural area identification and protection effort was established.

TVA natural areas are categorized as small wild areas (SWAs), ecological study areas (ESAs), habitat protection areas (HPAs), and wildlife observation areas (WOAs). SWAs are sites with

exceptional natural, scenic, or aesthetic qualities that are suitable for low-impact public use, such as foot trails and backcountry campsites. Ecological study areas are sites suitable for ecological research or environmental education. These study areas contain plant or animal populations of scientific interest and/or are located near an educational institution that would utilize and manage the area. HPAs are established to protect rare plants, animals, exemplary biological communities, or unique geological features. WOAs are sites that support concentrations of viewable wildlife such as shorebirds, songbirds, and waterfowl (TVA 2011). There are 10 TVA managed areas on Watts Bar Reservoir (see Table 2-2). Details about these natural areas are in the associated parcel descriptions included in Chapter 4.

Table 2-2. TVA Natural Areas on Watts Bar Reservoir

Parcel Number	Natural Area	Acres
8	Fooshee Peninsula SWA	141.0
65	Marney Bluff HPA	10.4
91	Marble Bluff HPA	11.9
94	Polecat Creek Slopes HPA	11.2
146	Grassy Creek HPA	99.0
152	Sugar Grove HPA	4.0
194	Rayburn Bridge HPA	8.0
196	Stowe Bluff HPA	11.0
233	Whites Creek Alluvial Deposit Forest HPA	27.2
238	Whites Creek SWA	171.0

2.2.5 Developed Recreation Areas

Watts Bar Reservoir is an important recreation source that attracts a wide range of activity including boating, fishing swimming, camping, and picnicking. Public and commercial recreation areas on TVA public lands provide recreation opportunities such as campgrounds, marinas, parks, and other recreation facilities occur on TVA property allocated as Zone 6 (Developed Recreation) and on portions of dam reservations which are allocated as Zone 2 (Project Operations). Developed recreation facilities on TVA public land and Watts Bar Reservoir are summarized below in Table 2-3. Further details about these developed recreation areas are included in the parcel descriptions included in Chapter 4.

Table 2-3. Summary of Developed Recreation Areas on TVA Public Land

Parcel Number	Developed Recreation Area	County
Campgrounds		
10	Fooshee Pass Recreation Area and Campground	Meigs
13	Cherokee Point Campground	Meigs
22	Hornsby Hollow Campground	Meigs
27	Campground on the Lakeshore	Meigs
74	Riley Creek Campground	Roane
136	Soaring Eagle Campground	Roane
201	Caney Creek RV Resort	Roane
241	Arrowhead Resort and Marine	Rhea
250	Eden Marina and Campground	Rhea
266	Rhea Springs Recreation Area and Campground	Rhea
Marinas		
14	Bluebirds Landing (formerly Sam's Boat Dock)	Meigs
18 and 20	Euchee Marina	Meigs
29	Landing Resort and Marina	Meigs
37	Blue Springs Marina	Roane
41 and 42	Bayside Marina	Roane
114	Long Island Marina	Roane
201	Caney Creek Marina	Roane
235	Whites Creek Marina	Rhea
241	Arrowhead Resort and Marine	Rhea
245	Terrace View Marina	Meigs
250	Eden Marina and Campground	Rhea
264	Piney Point Fishing Resort	Rhea
275	Rhea Harbor Marina	Rhea
277	Spring City Resort and Marina	Rhea
Parks		
4	TVA Dam Reservation and Forest City Trail	Meigs
10	Fooshee Pass Recreation Area	Meigs
121	Betty Brown Memorial Walking Trail, Kingston City Park, Southwest Point Park, 58 Landing	Roane
125	Ladd Landing Park	Roane
184 and 187	Lakeshore Park	Roane
188	Lakeshore Park and Gupton Wetland Area	Roane
201	Roane County Park	Roane
219	Rockwood Waterfront Park and Tom Fuller Park	Roane
266	Rhea Springs Recreation Area	Rhea
270	Spring City Park and Veteran's Park	Rhea

2.2.6 The Future Management of Reservoir Lands

Varying types of land management or conservation techniques coupled with development could occur along Watts Bar Reservoir. The implementation of the NRP will 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. Lands set aside for residential shoreline access 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 be managed in a similar manner.

2.3 Historical Overview of Watts Bar Reservoir Lands Planning

2.3.1 1988 Watts Bar Reservoir Land Management Plan

In August 1988, the TVA Board approved the *Watts Bar Reservoir Land Management Plan* (TVA 1988) to guide TVA resource management and property administration decisions concerning the 10,405 acres of TVA land on Watts Bar Reservoir. A multidisciplinary TVA team undertook a detailed planning process that resulted in the land use designations in the 1988 RLMP. Both public input and information from TVA specialists were analyzed in making these land use decisions. The 207 tracts of land in the 1988 RLMP were allocated under the former Multiple Use Tract Allocation methodology, which assigned one or more allowable land uses from a menu of 19 different land use allocations. The scope of the 1988 RLMP did not include land already committed to long-term or permanent uses, such as tracts encumbered by easements or property set aside for TVA dam reservations or power plants. Further, the narrow strips of TVA-managed land that fronts properties which TVA had previously sold or transferred, known as marginal strips, were not included under this planning methodology.

2.3.2 2009 Watts Bar Reservoir Land Management Plan

In February 2004, TVA began the lands planning process to update the 1988 RLMP and issued a Notice of Intent in the federal register to prepare an EIS. The update to the 1988 RLMP would allow TVA to allocate additional lands that were not previously considered, and to reassess past land use designations taking into account public needs, the presence of sensitive environmental resources, and TVA policies.

TVA prepared and released a draft Watts Bar RLMP and EIS for public comment in May 2005. Following the release of the draft RLMP and EIS, the TVA Board instituted a new TVA Land Policy in November 2006 governing TVA's retention, disposal, and planning of its lands. To implement this new policy, TVA revised the draft RLMP and EIS and issued an amended draft RLMP and EIS in August 2007.

During the development of the final Watts Bar RLMP and EIS, further modifications were proposed as a result of additional data and information, TVA policy and program needs, public and agency comments, and minor administrative changes. The alternatives for the final RLMP and EIS incorporated the substantive modifications and changes proposed by the previous draft RLMP and EIS.

As the concluding preparations for the final RLMP and EIS were wrapping up, the Kingston ash spill occurred on December 22, 2008, and all or parts of at least 134 acres on six parcels were impacted directly by the ash spill. Emergency response operations were immediately initiated, and impacts to environmental resources and private and public property were being assessed at the time the final RLMP and EIS were published. Since the vast majority of the land plan parcels on Watts Bar Reservoir were unaffected by the spill, TVA decided to move ahead with the land planning process, recognizing that the continued appropriateness of the allocation of the affected parcels would be reevaluated through the ash recovery planning process. The final RLMP and EIS was released in February 2009.

2.3.3 2009 Watts Bar Reservoir Land Management Plan Errata Sheet

After the release of the 2009 RLMP and EIS, TVA determined that more parcels and acreages were impacted by the ash spill than were initially described in the RLMP and EIS and these discrepancies were clarified in an Errata Sheet (TVA 2009). In the Errata Sheet, TVA clarified that 184 acres on nine parcels, rather than 134 acres on six parcels, were impacted by the ash spill, and that nine parcels, rather than six parcels needed to be excluded from the 2009 RLMP and EIS. These nine parcels were re-categorized as "Unplanned," and TVA decided that the appropriate future uses of these parcels would be determined during the Kingston Recovery Planning process. Due to these changes, the total acreage considered in the 2009 RLMP and EIS shifted from 16,220 acres to 16,036 acres. The TVA Board approved the final 2009 RLMP and EIS on November 19, 2009.

2.3.4 2012 Kingston Recovery Project Land Management Plan

In January 2009, TVA began developing a recovery plan to address remediation of the area affected by the coal ash release. As part of the recovery process, TVA completed the *Kingston Recovery Project Land Management Plan* in April 2012 (2012 Recovery Plan) to address eight of the nine parcels impacted by the coal ash release and excluded from the 2009 RLMP and EIS. This land planning effort allocated land use zones to 143.6 acres of the approximately 184 acres of reservoir property impacted by the coal ash release, and the 2012 Recovery Plan serves to supplement the 2009 RLMP. The remaining unplanned acreage (originally Parcel 153) is a 40.6-acre parcel that fronts residential property that was allocated as Zone 7 (Shoreline Access) prior to the coal ash release remains categorized as “Unplanned,” and this RLMP Amendment addresses this parcel’s allocation back to Zone 7 (Shoreline Access).

2.4 The Watts Bar Land Plan Amendment

This RLMP Amendment serves to update the 2009 RLMP and EIS and its amendments, and will guide land use approvals, private water use facility permitting, and resource management decisions on TVA-managed public land around Watts Bar Reservoir. Up-to-date RLMPs are needed to make land planning allocations on reservoirs consistent with standing TVA policies (Land Policy and SMP), regulations (Section 26a of the TVA Act), plans (NRP and the CVLP), and other guidance to incorporate TVA’s goals for managing natural resources on TVA public lands.

2.4.1 Incorporation of Corrections and Updates

The majority of the land use allocations for the 367 Watts Bar Reservoir parcels remain as allocated in the 2009 RLMP and EIS, 2009 Errata Sheet, and 2012 Recovery Plan.

Amendments to the 2009 RLMP are described below.

- Incorporates previous updates to parcel numbers, acreage, and allocations described in Section 2.2 including the 2009 Errata Sheet and 2012 Recovery Plan.
- Incorporates changes in “planned” land acreage from approximately 16,220 acres to 13,425 acres to reflect the removal of power plant properties from “planned” TVA reservoir land, consistent with the NRP. The 2009 RLMP included 2,796.1 acres of power plant properties, see Table 2-3 below.

Table 2-3. Power Property Removed from Watts Bar Planned Land

Parcel Number	Description	Acres
190	Kingston Fossil Plant	1,258.1
302	Former Watts Bar Fossil Plant	268.0
303	Watts Bar Nuclear Plant	85.3
304	Former Watts Bar Fossil Plant	191.5
305	Watts Bar Nuclear Plant	993.2
Total Acres		2,791.1

2.4.2 Land Use Allocation Changes

In order to reflect changes in conditions and circumstances on Watts Bar Reservoir since the 2009 RLMP and the 2012 Recovery Plan were completed, TVA has prepared a RLMP Amendment to update the land use allocations on eight parcels involving approximately 231 acres of TVA public land (see Table 2-4). The land use allocations on other Watts Bar Reservoir parcels would remain as allocated in the 2009 RLMP and 2012 Recovery Plan.

Table 2-4. Description of Amendment Allocation Changes

New Parcel Number	Allocation Change Acreage	New Allocation	Allocation Change Description
89a	0.4	Zone 7 – Shoreline Access	Change 0.4-acre portion of 34.6-acre Parcel 89 from Zone 4 – Natural Resource Conservation to reflect a past property exchange under TVA’s former Maintain and Gain program ¹ (associated with Parcel 256a).
144a	172.3	Zone 2 – Project Operations	Change entire Parcel 144 from Zone 3 – Sensitive Resource Management to support TVA’s potential use for a future advanced technology power generation facility.
153a	40.6	Zone 7 – Shoreline Access	Change entire Parcel 153 from “Unplanned” (due to ash spill) to reflect the backlying property’s return to residential ownership with shoreline access rights.
197a	10.2	Zone 6 – Developed Recreation	Change 10.2-acre portion of 36.8-acre Parcel 197 from Zone 7 – Shoreline Access to reflect the change in backlying property ownership and use from residential to public recreation.
251b	3.2	Zone 7 – Shoreline Access	Change entire Parcel 251a from Zone 6 – Developed Recreation to reflect the land use change from recreation and to recognize deeded shoreline access rights.
256a	0.1	Zone 4 – Natural Resource Conservation	Change 0.1-acre portion of 34.2-acre Parcel 256 from Zone 7 – Shoreline Access to reflect a previous property exchange under TVA’s former Maintain and Gain program ¹ (Parcel 89a).
271a	2.4	Zone 6 – Developed Recreation	Change 2.4-acre portion of 14.0-acre Parcel 271 from Zone 4 – Natural Resource Conservation to support public recreation access on adjacent Parcel 270 (Spring City Park).
274b	2.0	Zone 7 – Shoreline Access	Change entire Parcel 274a from Zone 5 – Industrial to reflect the change in backlying property ownership from industrial to residential with shoreline access rights.

¹ Although TVA executive approval was granted in June 2008 for the Parcel 89a and Parcel 256a Maintain and Gain request and the associated land use agreement and allocation changes, TVA delayed proceeding with the land transaction. TVA chose not to execute the approvals until completion of numerous external reviews of the land transaction including reviews by the Office of the Inspector General and an Ethics Committee of the U.S. Congress. Although the findings of the land transaction reviews indicated it was not improper, the execution remained on hold for many years. In November 2016, the applicant re-initiated the land transaction request to be executed. Final executive approval to proceed with execution of the land transaction and associated land use agreement was granted in 2017.

2.4.3 Detailed Parcel Descriptions and Updated Maps

Detailed parcel descriptions have been prepared for the 367 parcels on Watts Bar Reservoir to update the abbreviated parcel descriptions in the 2009 RLMP and EIS (see TVA 2009, Appendix B). Parcel descriptions include an explanation of the existing conditions and land uses, land cover, existing development (e.g., structures, facilities, amenities), public access enhancements (e.g., boat-launching ramp, camping pad, trails, picnic tables, restrooms), sensitive resources (listed species, cultural resources, forest communities, wetlands), known dispersed recreation uses (e.g., bank fishing, hiking, hunting), existing land use agreements and permits, identification of committed and uncommitted land, and backlying property use when relevant. Further, updated RLMP maps (see Appendix A) have been prepared to incorporate the 2009 Errata Sheet, 2012 Recovery Plan, RLMP Amendment allocation changes, and the removal of power property parcels from planned land.

2.4.4 Updated Environmental Review Process for Parcel 109

Also included in the RLMP Amendment is a minor environmental review process change for Parcel 109, which fronts Marble Bluff Subdivision. Parcel 109 is a 10.0-acre parcel allocated as Zone 7 (Shoreline Access) in the 2009 RLMP, and wetlands are located on portions of the parcel. In August of 1995, TVA assigned special conditions associated with Section 26a permitting practices to avoid impacts to wetlands on Parcel 109. TVA has researched and reviewed these special conditions and determined that the outcome of TVA's current environmental review process for Section 26a permitting is as protective as the 1995 special conditions, and those conditions are no longer included in the parcel description for Parcel 109.

CHAPTER 3. LAND PLANNING PROCESS

3.1 Process for Planning Land

The reservoir land management planning process involves allocation of reservoir land to one of 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 definition of a land use zone provides a clear statement of how TVA will manage public land, and allocation of a parcel to a particular land use zone identifies that land for specific uses. Further, the implementation of an RLMP minimizes conflicting land uses and makes it easier to handle requests for use of public land.

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.

Reservoir lands planning is performed on a reservoir-by-reservoir basis and land planning efforts may include an individual reservoir, multiple reservoirs, or portions of a reservoir. Furthermore, RLMPs govern decisions about whether land is disposed of or retained and establish how the land may be used and by whom.

After TVA approves a RLMP for a reservoir, all future uses of TVA-managed lands on that reservoir must then be consistent with the land use allocations within that RLMP. However, modifications to RLMPs to correct administrative errors that occurred during the lands planning process are allowed after approval of RLMPs but allocation changes needed for other purposes are limited to those identified in the Land Policy. In accordance with TVA policies and guidelines, allocation changes after the completion of a RLMP or outside the normal planning process (‘off-cycle’) are allowable only under the circumstances described below:

- To correct administrative errors that occurred during the planning process,
- To implement TVA’s Shoreline Management Policy, and
- To allow water-access for industrial or commercial recreation operations on backlying property.

Watts Bar Reservoir Land Plan Amendment

Allocation changes that are needed for purposes other than those noted above must be completed during the normal land planning cycle, i.e., through a supplement or an amendment to a portion of reservoir lands in an RLMP or through a revision of all reservoir lands in an RLMP. Some of the land use allocation changes needed on Watts Bar Reservoir do not meet the criteria for an 'off-cycle' allocation change, and therefore, an amendment to the 2009 RLMP is warranted.

The TVA Chief Executive Officer (CEO) has the authority to approve, following an opportunity for review by the TVA Board, RLMPs and modifications thereto, whose allocations, when combined with other approved plans, are within the parcel allocation zone ranges provided for in each zone in the CVLP. See Table 3-4 for allocation range comparisons with the incorporation of the RLMP Amendment.

The RLMP Amendment was developed by a team of land managers and technical experts from TVA, who are familiar with the reservoir and its resources. The planning team made land use decisions by integrating public needs, environmental conditions, economic benefits, state and federal policies, and the original congressional intent of the Watts Bar Reservoir project. The process includes information from resource data, computer analysis, the public, other agencies, and knowledgeable TVA staff. This RLMP Amendment is consistent with the strategic direction of the NRP and meets the objectives of the CVLP. Furthermore, the categorization and management of TVA-owned shoreline access land along Watts Bar Reservoir tiers from the Shoreline Management Initiative EIS (TVA 1998).

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 of former TVA tracts previously sold to private entities to identify existing shoreline access rights. In addition, the planning team honored existing commitments—that is, existing leases, licenses, and easements. Parcels were also allocated based on reservoir planning objectives and consideration of public input. Proposed land use allocations were made by consensus among the TVA planning team. During the allocation process, the planning team allocated the reservoir land to one of seven planning zones using the zone definitions listed below in Table 3-1. Land use allocation changes were made to parcels or portions of parcels where there was a change in conditions or circumstances warranting a modification.

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 in order to minimize adverse environmental effects.

3.1.1 Committed and Uncommitted Land

TVA allocated lands currently committed to a specific use were allocated 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, outstanding land rights, designated natural areas, leases, licenses, and sale and transfer agreements. Committed lands include the following: properties where TVA has granted land rights (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 prevent or remedy ongoing adverse impacts resulting from the actions of a licensee or easement holder. Identification of committed and uncommitted land is included in the parcel description's Parcel Information tables in Chapter 4.

Approximately 7,990 acres (59.5 percent) of the TVA land surrounding Watts Bar Reservoir are committed due to existing agreements, TVA operations, or other public infrastructure projects. Agricultural licenses are not considered as committed uses because they are an interim use of TVA land.

Approximately 5,435 acres (40.5 percent) of the TVA land surrounding Watts Bar Reservoir are uncommitted (Appendix C). Technical specialists collected existing data on many uncommitted parcels to identify areas containing known sensitive resources. The location of known and potentially sensitive resources was used in determining the capability and suitability of potential uses for each parcel of land. Potential impacts to wetlands or other sensitive resources and any mitigation resulting from potential development of TVA public land would be evaluated during a site-specific environmental review for that project.

Further, approximately 228.8 acres (98.9 percent) of the TVA land associated with an allocation change in this RLMP Amendment are committed, and approximately 2.4 acres (1.1 percent) of the TVA land are uncommitted.

3.1.2 Land Use Zone Definitions

TVA develops RLMPs using the Single Use Parcel Allocation methodology, which defines separate parcels of reservoir lands and allocates those parcels and affiliated land rights to one of the following land use categories or ‘zones’:

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 rights-of-way. • 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 rights-of-way 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 hiking, 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.</p> <p>Areas included are:</p>

Zone	Definition
<p>Zone 3 Sensitive Resource Management</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. • 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>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.</p> <p>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

Zone	Definition
<p>Zone 4 Natural Resource Conservation</p>	<p>forest management purposes.</p> <ul style="list-style-type: none"> • 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. • River corridor without 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 without sensitive resources or 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.</p> <p>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 include:</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

Zone	Definition
	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.</p> <p>Types of development that can occur on this land include:</p> <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. <p>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.</p> <ul style="list-style-type: none"> • 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 and Section 26a regulations.</p> <p>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

Zone	Definition
	<p>space, and nonpotable water intakes.</p> <ul style="list-style-type: none"> • 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.

3.1.3 Watts Bar Reservoir Land Plan Amendment Environmental Review

In compliance with the National Environmental Policy Act (NEPA), TVA conducts an environmental review of the proposed RLMP as well as reasonable alternatives. The NEPA process allows for the public and intergovernmental partners to review TVA's proposed land use allocations and provide input regarding the proposed changes and the potential effects on the environment.

The *Watts Bar Reservoir Land Management Plan Amendment Supplemental EA - Volume I* (TVA 2019) was prepared to assess the impacts of the land use allocation changes on six parcels involving approximately 226 acres of TVA public land and the environmental review process change for Parcel 109 on Watts Bar Reservoir; the EA serves to supplement the 2009 RLMP and EIS. Further, an additional environmental review for allocation changes on two more parcels involving approximately 5.2 acres of TVA public land (Parcel 251a and Parcel 274a) was also completed.

3.2 Reservoir Lands Planning Goals and Objectives

Long-term reservoir lands planning goals and objectives were established to guide planning decisions across the Valley and implement TVA's mission.

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 federal regulations and executive orders.
- Enhance the protection of significant resources, including listed 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 reservoir lands planning process (Section 3.1) along with TVA's goals and objectives for planning reservoir lands (Section 3.2) were used to allocate TVA public land to one of the seven planning zones as indicated in Table 3-2 and Table 3-3.

Four of the allocation changes include the entire parcel (Parcels 144a, 153a, 251b, and 274b), and four of the allocation changes include a portion of a parcel (Parcels 89a, 197a, 256a, and 271a). Of the 231.2 acres associated with an allocation change, TVA has allocated 172.3 acres (74.5 percent) of the land to Zone 2 (Project Operations), 0.1 acre (<1 percent) to Zone 4 (Natural Resource Conservation), 12.6 acres (5.4 percent) to Zone 6 (Developed Recreation), and 46.2 acres (19.9 percent) to Zone 7 (Shoreline Access).

Table 3-2. Summary of Amendment Allocation Changes

New Parcel Number	Land Use Zone	Acreage
89a	Zone 7 – Shoreline Access	0.4
144a	Zone 2 – Project Operations	172.3
153a	Zone 7 – Shoreline Access	40.6
197a	Zone 6 – Developed Recreation	10.2
251b	Zone 7 – Shoreline Access	3.2
256a ¹	Zone 4 – Natural Resource Conservation	0.1
271a ¹	Zone 6 – Developed Recreation	2.4
274b	Zone 7 – Shoreline Access	2.0
Total Acres		231.2

¹ Denotes TVA reservoir lands that are considered Uncommitted

Of the 13,425 acres of planned reservoir land on Watts Bar Reservoir, TVA has allocated 1,867.9 acres (13.9 percent) of the land to Zone 2 (Project Operations), 3,575.9 acres (26.6 percent) to Zone 3 (Sensitive Resource Management, 3,787.0 acres (28.2 percent) to Zone 4 (Natural Resource Conservation), 354.5 acres (2.6 percent) to Zone 5 (Industrial), 1,563.3 acres (11.7 percent) to Zone 6 (Developed Recreation), and 2,276.4 acres (17.0 percent) to Zone 7 (Shoreline Access).

Table 3-3. Summary of Watts Bar Reservoir Allocation Designations

Allocation Designation		Number of Parcels	Acres	Percentage
Zone 2	Project Operations	37	1,867.9	13.9
Zone 3	Sensitive Resource Management	54	3,575.9	26.6
Zone 4	Natural Resource Conservation	86	3,787.0	28.2
Zone 5	Industrial	7	354.5	2.6
Zone 6	Developed Recreation	93	1,563.3	11.7
Zone 7	Shoreline Access	90	2,276.4	17.0
Total		367	13,425.0	100

Table 3-4 below compares the percentage changes after the eight allocation changes under the RLMP Amendment with the current valley-wide allocation percentages for TVA's 293,000 acres of public land (based on the land use allocations in approved RLMPs), and the updated 2017 CVLP target allocation ranges.

Table 3-4. Allocation Range Comparisons

Allocation Designation		Valley-wide Allocation Before Amendment (Percent)	CVLP Allocation Range (Percent)	Valley-wide Allocation with Amendment (Percent)
Zone 2	Project Operations	8.7	7 to 10	8.8
Zone 3	Sensitive Resource Management	16.0	14 to 18	16.0
Zone 4	Natural Resource Conservation	60.0	56 to 63	60.0
Zone 5	Industrial	1.6	1 to 3	1.6
Zone 6	Developed Recreation	8.4	8 to 10	8.4
Zone 7	Shoreline Access	5.2	5 to 6	5.2

The allocation changes result in minor fluctuations to the current valley-wide allocation percentages, and the allocations would remain within the 2017 CVLP allocation ranges. In conclusion, the additional analysis conducted during the development of the RLMP Amendment supports the CVLP.

3.4 Property Administration

As stewards of public land, TVA uses the RLMPs, along with TVA policies and guidelines, to manage resources and to respond to requests for the use of TVA land. All inquiries about or requests for the use of TVA land should be made to the TVA Public Land Information Center at 800-TVA-LAND (800-882-5263) between 8 a.m. and 6 p.m. eastern time Monday through Friday.

Pursuant to the Land Policy, TVA would consider changing a land use designation outside of the normal planning process only for the purpose of correcting administrative errors that occurred during the lands planning process, for water access for industrial or commercial recreational operations on privately owned backlying land, or to implement TVA's SMP.

Additionally, there are a small number of TVA parcels in the Valley that have deeded access rights for shoreline access that are currently utilized for other uses such as commercial recreation and industrial. Should the private backlying land become residential, a request for a change of allocation of the parcel to Zone 7 (Shoreline Access) would be subject, with the appropriate environmental review, to action by the TVA Board, or its designee (TVA CEO), or to Board-approved policy.

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

Watts Bar Reservoir Land Plan Amendment

works/utility projects, such as easements for pipelines, power or communication wires, roads, or other public infrastructure, proposed on TVA land that would not affect the zoned land use or sensitive resources would not require an allocation change as long as such projects would be compatible with the use of the allocated zone. Proposed 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

4.1 Introduction

This chapter describes the uses determined to be most suitable for each parcel of TVA land as shown on the land plan maps (Appendix A, Panels 1 through 4). The parcel descriptions include the land use zone allocations and relevant data including existing land uses, physical characteristics of the land, presence of existing water use facilities, and any special considerations related to the future use. Existing water use facilities with TVA permits are grandfathered, provided they are constructed in accordance with the plans approved by TVA.

Parcels allocated as Zone 2 (Project Operations) typically include descriptions of public infrastructure and/or recreation facilities and amenities; Zone 3 (Sensitive Resource Management) and Zone 4 (Natural Resource Conservation) typically include descriptions of vegetation and wildlife; Zone 6 (Developed Recreation) parcels typically include a description of recreation facilities and amenities; and Zone 7 (Shoreline Access) parcels typically include information about adjacent residential development and water use facilities.

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 are included in Table 3-1 and are available at <https://www.tva.com/landplanzones>.

In addition to allowable land 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 <https://www.tva.com/publiclandrules>. Examples of uses that are not allowable on all TVA public lands include leaving trash or litter and partaking in land-disturbing activities such as construction of temporary or permanent structures and vegetation cutting or removal without TVA approval. Furthermore, recreational use of off-road motorized vehicles 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 (800-882-5263) between the hours of 8 a.m. and 6 p.m. eastern time Monday through Friday.

Parcel 1 – (10.5 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is one contiguous tract of land located on the left bank of the Tennessee River downstream of Watts Bar Dam and is part of the Watts Bar Dam Reservation. The parcel provides public access to the Watts Bar tailwater area and contains a TVA-managed boat-launching ramp and parking area, and is accessible by public roadway (Pinhook Ferry Lane). The remainder of the parcel is mostly forested. Species such as tulip poplar, white oaks, and red oaks comprise the larger canopy species in much of the forest. The parcel has been surveyed and there is a low probability for the presence of cultural resources. 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	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-SE
TVA D-Stage Map Numbers	1
Stream Mile and Bank	Tennessee River mile (TRM) 528.5L
Land Use/Land Cover	Developed/open space and deciduous forest
Known Dispersed Recreation Opportunities	Bank fishing and public access
Committed or Uncommitted	Committed
Current Agreements/Commitments	TVA operations

Parcel 2 – (23.7 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is one narrow, contiguous tract of shoreline on the left bank of the Tennessee River downstream of Watts Bar Dam. This parcel is used to support the operation and maintenance of Watts Bar Dam and hydroelectric plant facilities and is accessible by public roadway (Watts Bar Landing Lane). TVA improved public access to the river on this parcel with sidewalks and public recreation opportunities such as bank fishing is allowed on this parcel. The parcel has been surveyed and there is a high probability for the presence of 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	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-SE
TVA D-Stage Map Numbers	1
Stream Mile and Bank	TRM 528.5L
Land Use/Land Cover	Developed/open space and mowed vegetation
Known Dispersed Recreation Opportunities	Bank fishing
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easement to Bell South for telecommunications • TVA operations

Parcel 3 – (280.4 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is part of the Watts Bar Dam Reservation and is one contiguous tract of land located downstream of the dam. Portions of this parcel are used for agricultural purposes and managed by TVA and a portion may be considered in the future for a cooperative agricultural license agreement. The parcel is also used to support the operation and maintenance of Watts Bar Dam and the associated hydroelectric plant facilities.

The parcel is bisected by a slough/drainage area that supports forested, scrub-shrub, and emergent wetland habitats, and it is accessible by public roadway (Watts Bar Landing Lane). The area has high potential as a wildlife viewing/observation area due to a variety of quality habitats found in the area. Hunting, however, is not allowed on this parcel because it is a part of the Watts Bar Dam Reservation. 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	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE and 118-SE
TVA D-Stage Map Numbers	1
Stream Mile and Bank	TRM 529.5L
Land Use/Land Cover	Developed/open space, agricultural fields, mowed vegetation, deciduous forest, and wetlands
Known Dispersed Recreation Opportunities	Wildlife viewing
Committed or Uncommitted	Committed
Current Agreements/Commitments	TVA operations

Parcel 4 – (145.6 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is one contiguous tract of land located upstream of Watts Bar Dam and is part of the Watts Bar Dam Reservation. The parcel supports the operation and maintenance of Watts Bar Dam and the associated hydroelectric plant facilities and public recreation areas. The land cover is a combination of developed/open space and deciduous forest for public enjoyment and aesthetic value. Project operation facilities include the dam powerhouse and associated access roads, transmission lines and substations, a navigation lock, mooring cells and associated access roads. Public recreation areas include multiple picnic tables, a pavilion, swim beach, restroom facilities, parking areas, boat-launching ramp, and disabled access ways to the reservoir. In addition, the parcel has a scenic 0.3 mile trail loop known as the Forest City Trail. The trail is ADA accessible and is managed in partnership with the Boy Scouts. The parcel is accessible by public roadway (Watts Bar Road). Portions of the parcel have been surveyed and there is a medium probability for the presence of cultural resources. 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	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE and 118-SE
TVA D-Stage Map Numbers	1 and 2
Stream Mile and Bank	TRM 530.0L
Land Use/Land Cover	Developed/open space and deciduous forest
Known Dispersed Recreation Opportunities Committed or Uncommitted	Public access, hiking, bank fishing and picnicking Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easement to Meigs County Highway Department for a roadway • TVA operations

Parcel 5 – (249.0 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one large, contiguous tract of land situated on the left bank of the Tennessee River. This parcel was once managed under a 30-year public recreation easement that expired in 2009 and was formally known as Meigs County Park. There are no longer developed

recreation amenities on this parcel, but the parcel is periodically used for bank fishing. The land cover is a mixture of deciduous forest and mowed open fields and species such as tulip poplar, white oaks, and red oaks comprise the larger canopy species in much of the forest. The forested riparian zone is made up of sycamore, green ash, and various oak species. Two 161-kilovolt (kV) transmission lines cross this parcel and there is a private cemetery on this parcel that is fenced. TVA has installed access controls that restrict unauthorized activities such as dumping and off-road vehicle that previously occurred on this parcel. Parcel 5 is accessible by Tennessee State Route (SR) 68 and is located between Lots O' Lake Subdivision and the Watts Bar Dam Reservation. Portions of the parcel have been surveyed and 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 4-4. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	1, 2, and 3
Stream Mile and Bank	TRM 531.0L
Land Use/Land Cover	Mixed deciduous forest, power line ROWs, and mowed areas
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 6 – (4.2 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one contiguous tract of land on the main channel of the Tennessee River that fronts former TVA property with shoreline access rights that has been developed for residential use including Lots O' Lake Subdivision. This narrow shoreline parcel consists of scattered trees, shrubs, and maintained vegetation. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and there is a low 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 4-6. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	2
Stream Mile and Bank	TRM 532.0L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-193, XWBR-194, and XWBR-195
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 7 – (728.7 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This large parcel comprises a significant portion of the Fooshee Peninsula, the adjacent Goat Island, and four smaller islands off the western shoreline of the area. This undeveloped peninsula is a popular area for hunting on Watts Bar Reservoir. A small portion of Fooshee Small Wild Area (SWA) hiking trail (also located on adjacent Parcels 8 and 9) crosses onto this parcel. Several natural resource management activities have been conducted on this parcel to regenerate mixed forests and enhance wildlife habitat, and a portion of the parcel is under a license agreement with TWRA to improve wildlife habitat. There have been some unauthorized uses including vegetation removal and placement of structures such as storage sheds on this parcel.

The land cover is a mixture of deciduous forest, pines, and open land habitats, which creates ideal habitat for numerous wildlife species. Riparian conditions on this parcel vary from good to fair with shoreline vegetation species such as river alder, silky dogwood, and St. John’s wort. The islands support a variety of forested, scrub-shrub, and emergent wetland types with common vegetation being silver and red maple, green ash, sycamore, river birch, black willow, willow oak, river alder, silky dogwood, water willow, and woolgrass. Wildlife use of this parcel is as varied as the different habitats that are available on this property. Mammals such as white-tailed deer, gray fox, gray squirrel, and coyote are fairly common and riparian/water bird species such as ospreys, herons, and belted kingfishers routinely use the shoreline areas as foraging and perching sites. Likewise, both resident and neo-tropical migrant bird species use the various onsite habitats. Of particular importance are the early successional areas that support

use by species such as prairie warbler, common yellowthroat, yellow-breasted chat, and white-eyed vireos. Additionally, numerous reptiles and amphibians are found on the parcel.

There is a public roadway (Sandy Bottom Lane) near adjacent Parcel 9, otherwise, it is only accessible by watercraft from the reservoir. The parcel has been surveyed and there is a high probability for the presence of cultural resources. The downstream portion of this parcel, at approximate TRM 532.5L, has an approved private water use facility. Existing previously approved water use facilities would be allowed to remain; however, requests for new private water use facilities or expansions to existing private water use facilities would not be considered.

Table 4-5. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE and 124-NW
TVA D-Stage Map Numbers	2, 8, and 10
Stream Mile and Bank	TRM 534.0L
Land Use/Land Cover	Deciduous forest and wetlands
Known Dispersed Recreation Opportunities	Hiking and hunting
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Approved water use facilities

Parcel 8 – (141.0 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is one contiguous tract of land on the left bank of the Tennessee River and it is designated as the Fooshee Peninsula SWA. SWAs are sites with exceptional natural, scenic and aesthetic qualities that are suitable for low-impact public use, and where some facilities have been installed to help make the land available to the public (e.g., foot trails, educational signs, and parking areas). There is a public roadway (Sandy Bottom Lane) near adjacent Parcel 9, otherwise, it is only accessible by watercraft from the reservoir. A dry ridge forest of large white oaks and shagbark hickories is on the east, and the west includes Brown Hollow, a moist forest of beeches and maples with a ground cover of ferns and wildflowers. The SWA provides habitat for bald eagles and numerous other migratory birds, offering visitors a unique wildlife viewing opportunity. A 3-mile round trip hiking trail crosses Parcels 7, 8 and 9 through an upland, dry-site chestnut oak forest ending at a bluff occasionally used by wintering bald eagles. The current trailhead is located on the adjoining Parcel 9, which is adjacent to the Fooshee

Pass Recreation Area and campground on Parcel 10. The parcel has been surveyed and there is a low probability for the presence of cultural resources. 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	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE and 124-NW
TVA D-Stage Map Numbers	10
Stream Mile and Bank	TRM 538.0L
Land Use/Land Cover	Mixed deciduous forest
Known Dispersed Recreation Opportunities	Hiking and hunting
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 9 – (122.5 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land on the left bank of the Tennessee River that is part of the Fooshee Peninsula. The parcel is adjacent to the Fooshee Pass Recreation Area, a commercial campground and recreation area on Parcel 10. There is a public roadway (Sandy Bottom Lane) near Parcel 9. The parcel is undeveloped and would be available for an expansion of the Fooshee Pass Recreation Area campground. The Rowden Bluff Light for navigation is located on the downstream side, and the Gillespie Bend lighted buoy is located on the upstream side. The parcel has been surveyed and 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 4-7. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	8 and 10
Stream Mile and Bank	TRM 538.3L
Land Use/Land Cover	Mixed deciduous and pine forest
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 10 – (78.4 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land on the left bank of the Tennessee River known as Fooshee Pass Recreation Area, a commercial campground and recreation area. The campground has 55 sites (52 recreational vehicle (RV) sites and three tent sites) and all camp sites have water and electricity connections, picnic tables, a grill, and a fire ring. A boat-launching ramp and courtesy dock, swim beach, bathhouse/restrooms, playground area, picnic pavilion and a large day use area are also located on the parcel. The parcel is accessible by public roadway (Sandy Bottom Lane). The parcel has been surveyed and 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 4-8. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE and 124-NW
TVA D-Stage Map Numbers	8
Stream Mile and Bank	TRM 538.5L
Land Use/Land Cover	Mixed forest with developed/open space, campground facilities and shoreline access areas
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • License to campground operator for commercial recreation • Section 26a permit to campground operator

Parcel 11 – (58.6 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is four noncontiguous tracts of land encompassing the majority of Wann Branch. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including C.F. Scott, Doris Trowbridge, Goose Point, Georgia Point, and Lake View subdivisions. The large parcel is comprised of shoreland with scattered trees, shrubs, and maintained vegetation. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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 4-11. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE and 124-NW
TVA D-Stage Map Numbers	2 and 8
Stream Mile and Bank	TRM 538.6L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-196, XWBR-197, XWBR-198, XWBR-199, XWBR-200, XWBR-201, XWBR-202, XWBR-203, XWBR-204, XWBR-205, XWBR-206, and XWBR-207
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

NOTE- Parcels 12-1 to 12-70 front former TVA property that was transferred to the State of Tennessee (State) to allow public access to the reservoir. The numeric value in the parcel number after 12- is consistent with TVA tract numbers (e.g., 12-1 and XTWBR-1).

Parcel 12-1 – (1.6 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land on the left bank of the Tennessee River. The parcel is adjacent to Parcel 11 (C.F. Scott Subdivision) and Parcel 13; the nearest roadway is Scott Subdivision Road. Parcel 12-1 fronts former TVA property (XTWBR-1) that was transferred to the State to allow public recreation access to the reservoir and it is under license to TWRA for public recreation. This parcel is undeveloped and is comprised of mixed woodland forest. The parcel has been surveyed and 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 4-9-1. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE and 124-NW
TVA D-Stage Map Numbers	2
Stream Mile and Bank	TRM 538.6L
Land Use/Land Cover	Mixed woodland forest
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-2 – (3.0 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land on the left bank of the Tennessee River and is adjacent to Parcel 11. Parcel 12-2 fronts former TVA property (XTWBR-2) that was transferred to the State for public recreation purposes. This undeveloped parcel is under license to TWRA for public recreation purposes and receives only informal use. The parcel is accessible by River Road/SR-304. The land cover is deciduous forest and species such as tulip poplar, white oaks, and red oaks comprise the larger canopy species in much of the forest. The parcel has been surveyed and 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 4-12-2. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	2 and 8
Stream Mile and Bank	TRM 538.6L
Land Use/Land Cover	Deciduous forest
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-3 – (1.7 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land on the left bank of the Tennessee River and is adjacent to Parcel 15 and Parcel 15a. Parcel 12-3 fronts former TVA property (XTWBR-3) that was transferred to the State to allow public access to the reservoir, and it is under license to TWRA for public recreation. The parcel is undeveloped and it is comprised of a forested riparian zone made up of sycamore, green ash, and various oak species on this parcel; it is accessible by public roadway (River Road/SR-304). The parcel has been surveyed and 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 4-12-3. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	8
Stream Mile and Bank	TRM 538.8L
Land Use/Land Cover	Shoreland with scattered trees and shrubs
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-4 – (4.5 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land on the left bank of the Tennessee River and is located between Parcel 15 and Parcel 16a. It fronts former TVA property (XTWBR-4) that was transferred to the State to allow public access to the reservoir and is under license to TWRA for public recreation. This property is accessible by public roadway (River Road/SR-304) and includes a public access area known as the Wide Spot that features a gravel parking area and concrete boat-launching ramp. The land cover is scattered riparian trees and shrubs with open shoreline. The parcel has been surveyed and 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 4-12-4. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	9
Stream Mile and Bank	TRM 539.3L
Land Use/Land Cover	Mixed woodland with developed/open space
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-6 – (5.1 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is two noncontiguous tracts of land on the left bank of the Tennessee River and is adjacent to Parcel 25. Parcel 12-6 fronts former TVA property (XTWBR-6) that was transferred

to the State to allow public access to the reservoir. The parcel is under license to TWRA for public recreation and there is a public access area known as the Hog Pen with a gravel parking area and a concrete boat-launching ramp with a courtesy dock. This parcel is accessible by public roadway (River Road/SR-304) and the land cover consists of scattered riparian woodland species along the shoreline. The parcel has been surveyed and 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 4-12-6. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	9
Stream Mile and Bank	TRM 541.0L
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-8 – (3.4 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located in the Upper Muddy Creek embayment on the Piney River, and it is between Parcel 265 and Parcel 266. Parcel 12-8 fronts former TVA property (XTWBR-8) that was transferred to the State to support public access to Watts Bar Reservoir, and it is currently under license to TWRA for public recreation. The parcel is comprised of a forested riparian zone made up of sycamore, green ash, and various oak species, and it is accessible by public roadway (Rhea Springs Road). There is a gravel pull off area on this parcel, but there are no other public access facilities. The parcel has been surveyed and 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 4-12-8. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	12
Stream Mile and Bank	Piney River mile 4.6L
Land Use/Land Cover	Riparian forest with open shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-13 – (2.4 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one narrow, contiguous tract of land located in the Cane Creek embayment on the Tennessee River and is adjacent to Parcel 36. Parcel 12-13 fronts former TVA property (XTWBR-13) that was transferred to the State to enable public access to the reservoir. The parcel is currently under license to TWRA for public recreation. This narrow parcel is undeveloped with scattered riparian woodland species and features an informal roadside pull off; it is accessible by public roadway (River Road/SR-304). The parcel has been surveyed and 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 4-12-13. Parcel Information

Location Component	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	16 and 20
Stream Mile and Bank	TRM 547.5L
Land Use/Land Cover	Scattered woodland and open shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-16 – (2.9 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land situated on the main channel of the Tennessee River and is between Parcels 248 and 249. Parcel 12-16 is licensed to TWRA for public recreation purposes, and it fronts former TVA property (XTWBR-16) that was transferred to the State to support public access to the reservoir. The parcel is undeveloped and does not have any recreational improvements or amenities and the nearest public roadway Ewing Road. The land cover is comprised of a forested riparian zone made up of sycamore, green ash, and various oak species and open shoreline. The parcel has been surveyed and 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 4-12-16. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	17
Stream Mile and Bank	TRM 542.3
Land Use/Land Cover	Riparian forest with open shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-17 – (2.3 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located in Rector Branch at Whites Creek and it is adjacent to Parcels 242 and 243. Parcel 12-17 is under license to TWRA for public recreation, and it fronts former TVA property (XTWBR-17) that was transferred to the State for public recreation purposes. The parcel is undeveloped and does not have any recreational improvements or amenities and the nearest public roadway is Bills Pier Lane. The land cover is comprised of a woodland riparian zone made up of sycamore, redbud, and various oak species with open shoreline. The parcel has been surveyed and 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 4-12-17. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE and 124-NW
TVA D-Stage Map Numbers	17 and 18
Stream Mile and Bank	Whites Creek mile 1.0R
Land Use/Land Cover	Riparian woodland and open shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-18 – (2.1 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract found in Rector Branch at Whites Creek and it is adjacent to Parcel 242. Parcel 12-18 fronts former TVA property (XTWBR-18) that was transferred to the State for public recreation purposes, and it is under license to TWRA for public recreation. This parcel features a gravel parking lot and boat-launching ramp, and a portion of the shoreline has been stabilized with riprap. The land cover is a mixture of developed/open space with trees and shrubs scattered along the shoreline. This parcel is adjacent to the Broyles and Arrowhead subdivisions and it is accessible by public roadway (Rector Creek Road). The parcel has been surveyed and 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 4-12-18. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE and 124-NW
TVA D-Stage Map Numbers	17 and 18
Stream Mile and Bank	Whites Creek mile 1.0R
Land Use/Land Cover	Developed/open space with scattered trees and shrubs and maintained vegetation along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-20 – (5.6 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land situated in the Cane Creek embayment on the Tennessee River and is adjacent to Parcels 36 and 37. Parcel 12-20 fronts former TVA property (XTWBR-20) that was transferred to the State to provide public access to the reservoir. The property is under license to TWRA for public recreation and contains a TWRA-managed boat-launching ramp and courtesy dock. This parcel is adjacent to the Blue Springs Marina, and TWRA has a partnership with the Blue Springs Marina at this boat-launching ramp. Additionally, this parcel is accessible by public roadway (River Road/SR-304). The parcel has been surveyed and 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 4-12-20. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	20
Stream Mile and Bank	TRM 547.8L
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-22 – (4.3 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land on the left bank of the Tennessee River and is adjacent to Parcel 48 (Panel Map 2). Parcel 12-22 fronts former TVA property (XTWBR-22) that was transferred to the State for public recreation purposes. The property is currently under license to TWRA and features a small pull-off area that is used for bank fishing. Additionally, this parcel is easily accessible by public roadway (W. Rockwood Ferry Road). This parcel is on the strip of property between the W. Rockwood Ferry Road and the reservoir and it is comprised of a scattered forested riparian area with sycamore, green ash, redbud, and various oak species. The parcel has been surveyed and 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 4-12-22. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D-Stage Map Numbers	21
Stream Mile and Bank	TRM 556.5L
Land Use/Land Cover	Scattered riparian trees and shrubs
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-23 – (3.7 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land found along the left bank of the Tennessee River in the back of a cove between Parcels 48 and 49. Parcel 12-23 fronts former TVA property (XTWBR-23) that was transferred to the State to allow public access to the reservoir. This parcel is undeveloped and it is near River Road and West Rockwood Ferry Road. The land cover is a mixture of upland and riparian habitat along the reservoir shoreline, and the parcel is under license to TWRA for public recreation purposes. The parcel has been surveyed and 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 4-12-23. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D-Stage Map Numbers	21
Stream Mile and Bank	TRM 556.8L
Land Use/Land Cover	Scattered upland and riparian habitat along shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-24 – (3.3 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located alongside the right bank of the Tennessee River and is between Parcels 225 and 232. The parcel fronts former TVA property (XTWBR-24) that was transferred to the State to allow public access to the reservoir, and is currently under license to TWRA for public recreation. The parcel has a public boat-launching ramp and it is accessible by public roadway (Anna Laura Lane). This parcel is on the strip of property between Anna Laura Lane and the reservoir and it is comprised of scattered riparian trees including sycamore, redbud, and various oak species. The parcel has been surveyed and 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 4-12-24. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D-Stage Map Numbers	22
Stream Mile and Bank	TRM 545.8R
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-26 – (1.5 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the right bank of Whites Creek and fronts former TVA property (XTWBR-26) that was transferred to the State to allow public access to the reservoir. Parcel 12-26 is located between Parcels 237 and 238 and the trailhead for the Whites Creek SWA trail is located on this parcel. SWAs are sites with exceptional natural, scenic or aesthetic qualities that are suitable for low-impact public use, and where some facilities have been installed to help make the land available to the public. The parcel is currently under license to TWRA for public recreation and features a popular TWRA-managed public access facility known as Roddy Access Area and Whites Creek Boat Ramp. Parcel 12-26 is accessible by public roadway (E. Roddy Road) and has a concrete boat-launching ramp with a courtesy pier and an unpaved parking area. The parcel has been surveyed and 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 4-12-26. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	117-SE
TVA D-Stage Map Numbers	18
Stream Mile and Bank	Whites Creek mile 2.3R
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-27 – (2.3 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land that expands from the right bank of the Tennessee River to the left bank of Whites Creek and it is adjacent to Parcel 232. The parcel fronts former TVA property (XTWBR-27) that was transferred to the State to allow public access to the reservoir, and the property is under license to TWRA for public recreation. Parcel 12-27 is accessible by public roadway (Eagle Point Drive) and features a TWRA-managed boat-launching ramp. The parcel has been surveyed and 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 4-12-27. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D-Stage Map Numbers	23
Stream Mile and Bank	TRM 544.9R to Whites Creek mile 4.0L
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-29 – (4.9 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land found on the right bank of the Tennessee River and is adjacent to Parcel 221. The parcel fronts former TVA land (XTWBR-29) that was transferred to the State to allow public access to the reservoir, and it is under license to TWRA for public recreation. Parcel 12-29 is accessible by public roadway (Winton Chapel Road) and features a TWRA-managed concrete boat-launching ramp with a courtesy pier and gravel parking lot. The parcel has been surveyed and 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 4-12-29. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D-Stage Map Numbers	25
Stream Mile and Bank	TRM 551.4R
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-30 – (5.2 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land situated on the right bank of the main channel of the Tennessee River and is adjacent to Parcel 212. Parcel 12-30 fronts former TVA property (XTWBR-30) that was transferred to the State to allow public access to the reservoir, and it is under license to TWRA for public recreation. The parcel is accessible by public roadway located at the end of New Hope Road on Johnson Bend. Facilities present on this parcel include a TWRA-managed boat-launching ramp with a courtesy pier and a gravel parking area. The parcel has been surveyed and 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 4-12-30. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D–Stage Map Numbers	25 and 26
Stream Mile and Bank	TRM 556.1R
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-31 – (1.4 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the right bank of the main channel of the Tennessee River and it is between Parcels 210 and 211. Parcel 12-31 fronts former TVA land (XTWBR-31) that was transferred to the State to allow public access to the reservoir. The property is currently under license to TWRA for public recreation and the parcel is undeveloped. Parcel 12-29 is near Loop Road and the land cover is a mixture of upland and riparian habitat along the reservoir shoreline. The parcel has been surveyed and 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 4-12-31. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D–Stage Map Numbers	26 and 29
Stream Mile and Bank	TRM 559.5R
Land Use/Land Cover	Mixture of upland and riparian habitat along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-32 – (2.9 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located off of River Road (SR-304) on the left bank of the Tennessee River and is adjacent to Parcels 52 and 53. This parcel fronts former TVA property (XTWBR-32) that was transferred to the State for public recreation purposes. The property is currently under license to TWRA for public recreation and there is an access area known as the Shady Grove boat launch access. The facilities present include a TWRA-managed concrete boat-launching ramp with a courtesy pier and gravel parking lot. The parcel has been surveyed and 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 4-12-32. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D–Stage Map Numbers	27
Stream Mile and Bank	TRM 557.1L
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-34 – (4.1 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the right bank of the Tennessee River and it is adjacent to Parcels 215 and 216. The parcel fronts former TVA land (XTWBR-34) that was transferred to the State for public recreation purposes and it is under license to TWRA for public recreation. The parcel has an access area known as New Hope boat launch access and facilities present include a TWRA-managed gravel parking lot and concrete boat-launching ramp; Parcel 12-34 is accessible by public roadway (New Hope Road). The parcel has been surveyed and 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 4-12-34. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D-Stage Map Numbers	29
Stream Mile and Bank	TRM 553.5R
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-35 – (3.4 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land situated on the right bank of the main channel of the Tennessee River and it is adjacent to Parcel 215. Parcel 12-35 fronts former TVA land (XTWBR-35) that was transferred to the State for public recreation purposes and it is under license to TWRA for public recreation. The parcel is undeveloped and it is accessible by public roadway (New Hope Cove Road). The land cover is a mixture of upland and riparian habitat along the shoreline. The parcel has been surveyed and 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 4-12-35. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D-Stage Map Numbers	29
Stream Mile and Bank	TRM 553.7R
Land Use/Land Cover	Scattered upland and riparian trees along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-36 – (3.9 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the right bank of the Tennessee River and it is adjacent to Parcel 208. Parcel 12-36 fronts former TVA land (XTWBR-36) that was transferred to the State for public recreation purposes. The land is currently under license to TWRA for public recreation, and the public access facilities on the parcel include a TWRA-managed concrete boat-launching ramp with courtesy pier and paved parking area. Additionally, this parcel is accessible by public roadway (Caney Creek Road). The parcel has been surveyed and 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 4-12-36. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW and 123-SE
TVA D-Stage Map Numbers	29
Stream Mile and Bank	TRM 561.0R
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • License to TWRA for public recreation • Section 26a permit for access walkway and pier

Parcel 12-37 – (0.8 acre)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land on the right bank of the Tennessee River near Lake Forrest Estates Subdivision and adjacent to Parcel 197. Parcel 12-37 fronts former TVA land (XTWBR-37) that was transferred to the State for public recreation purposes and the land is under license to TWRA for public recreation. This small parcel is undeveloped and is often utilized by the public as a fishing area; it is accessible by public roadway (Bowman Bend Road). The parcel has been surveyed and 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 4-12-37. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	34
Stream Mile and Bank	TRM 566.3R
Land Use/Land Cover	Forested with scattered shrubs and herbaceous vegetation along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-38 – (2.2 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located near Tanglewood Subdivision and it is adjacent to Parcel 61. This parcel fronts former TVA land (XTWBR-38) that was transferred to the State for public recreation purposes, and it is under license to TWRA for public recreation. Public access facilities present on Parcel 12-38 include a TWRA-managed concrete boat-launching ramp with a courtesy pier and gravel parking lot. The parcel is accessible by public roadway (De Armond Road). The parcel has been surveyed and 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 4-12-38. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	35
Stream Mile and Bank	TRM 562.5L
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-39 – (6.7 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land situated on the left bank of the Tennessee River and it is adjacent to Parcels 61 and 62. Parcel 12-39 fronts former TVA land (XTWBR-39) that was transferred to the State to support public access to the reservoir. It is currently under license to TWRA for public recreation and it is undeveloped. There is no direct public road access to this parcel, so it is best accessed by boat. The parcel is forested and species such as tulip poplar, white oaks, and red oaks comprise the larger canopy species. The parcel has been surveyed and 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 4-12-39. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D–Stage Map Numbers	35
Stream Mile and Bank	TRM 564.2L
Land Use/Land Cover	Deciduous forest
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-41 – (2.0 acres)

Land Use Allocation: Zone 6, Developed Recreation

This tract is one contiguous tract of land situated on the left bank of the Tennessee River and it is adjacent to Parcel 71. Parcel 12-41 fronts former TVA land (XTWBR-41) that was transferred to the State for public recreation purposes, and it is under license to TWRA for public recreation. This parcel is accessible by public roadway (Morning Cove Road), and public recreation facilities present on Parcel 12-41 include a TWRA-managed gravel boat-launching ramp and parking area. The parcel has been surveyed and 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 4-12-41. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	36
Stream Mile and Bank	TRM 569.7L
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-43 – (0.8 acre)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land that is located on the right bank of the main channel of the Tennessee River and it is adjacent to Parcels 118 and 119. Parcel 12-43 fronts former TVA property (XTWBR-43) that was transferred to the State for public recreation purposes, and it is under license to TWRA for public recreation. This parcel is easily accessible by public roadway (Old James Ferry Road), and it has a public access area commonly known as Bell Cove boat launch access. Facilities present on this parcel include a TWRA-managed concrete boat-launching ramp with a courtesy dock and gravel parking area. The parcel has been surveyed and 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 4-12-43. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	37
Stream Mile and Bank	TRM 569.4R
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-44 – (2.7 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the right bank of the Clinch River and it is adjacent to Parcel 195. Parcel 12-44 fronts former TVA land (XTWBR-44) that was transferred to the State for public recreation purposes, and it is under license to TWRA for public recreation. This parcel has an unpaved parking area, is used for bank fishing, and is easily accessible by public roadway (Ferguson Lane). The parcel has been surveyed and 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 4-12-44. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D-Stage Map Numbers	38
Stream Mile and Bank	CRM 2.2R
Land Use / Land Cover	Forested with scattered riparian shrubs and herbaceous vegetation
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-45 – (1.6 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is a narrow and steep contiguous tract of land in the Swan Pond Creek embayment on the Emory River (Panel Map 4). Parcel 12-45 is located near Kingston Fossil Plant, and it is adjacent to Parcels 184 and 186. Due to its proximity to the Kingston Fossil Plant, this parcel was affected by the 2008 coal ash pond release. Parcel 12-45 fronts former TVA land (XTWBR-45) that was transferred to the State for public recreation purposes, and it is currently under license to TWRA for public recreation. This undeveloped parcel is located between Swan Pond Circle and embayment, and it is across the embayment from Lakeshore Park. The parcel has been surveyed and 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 4-12-45. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D-Stage Map Numbers	39 and 45
Stream Mile and Bank	ERM 2.5R – Swan Pond Creek embayment
Land Use/Land Cover	Shoreland with scattered trees, shrubs and herbaceous vegetation
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-47 – (4.5 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is two noncontiguous tracts of land located along the left bank of the Emory River and it is adjacent to Parcels 166 and 168. Parcel 12-47 fronts former TVA land (XTWBR-47) that was transferred to the State for public recreation purposes, and it is under license to TWRA for public recreation. The northern portion of this parcel is accessible by public roadway (Tanglewood Road) and is used for bank fishing. The southern portion of Parcel 12-47 is accessible by public roadway (Webster Road) and has developed access facilities including a TWRA-managed boat-launching ramp with a courtesy pier and an unpaved parking area. The parcel has been surveyed and 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 4-12-47. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D-Stage Map Numbers	40 and 44
Stream Mile and Bank	ERM 7.5L
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-48 – (10.2 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land along the right bank of the Little Emory River; it is adjacent to Parcels 162 and 163, and Clax Gap Bridge crosses a portion of this parcel. This parcel fronts former TVA land (XTWBR-48) that was transferred to the State for public recreation purposes, and it is under license to TWRA for public recreation. Developed facilities present on this parcel include a TWRA-managed concrete boat-launching ramp and gravel parking lot and it is known as Little Emory boat launch access. Additionally, it is easily accessible by public roadway (Webster Road). The parcel has been surveyed and 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 4-12-48. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	44
Stream Mile and Bank	Little ERM 2.0R
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-49 – (2.8 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located along the main channel of the Little Emory River and it is between Parcel 157 and Parcel 307. Parcel 12-49 fronts former TVA land (XTWBR-49) that was transferred to the State for public recreation purposes, and it is currently under license to TWRA for public recreation. The parcel is easily accessible by public roadway (Old Elverton Road). There is no development on this parcel, but it receives some informal use. This parcel is on the property between Old Elverton Road and the reservoir and it is comprised of a riparian forest with sycamore, green ash, redbud, and various oak species. The parcel has been surveyed and 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 4-12-49. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	44
Stream Mile and Bank	Little ERM 3.0
Land Use/Land Cover	Shoreland with riparian forest
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-50 – (8.4 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land situated on the left bank of the Little Emory River adjacent to Lancer Subdivision and Parcel 157, and the Clax Gap Bridge crosses the upstream portion of this parcel. This parcel fronts former TVA land (XTWBR-50) that was transferred to the State for public recreation purposes. Parcel 12-50 is currently under license to TWRA for public recreation, and there are not any public access facilities on this parcel. The parcel is forested with silver and red maple, sycamore, sweetgum, river alder and buttonbush. Further, the parcel is accessible by public roadway (Clax Gap Road). The parcel has been surveyed and 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 4-12-50. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	44
Stream Mile and Bank	Little ERM 2.0L
Land Use/Land Cover	Shoreland with riparian forest
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-51 – (1.2 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land situated on the main channel of the Emory River near Kingston Fossil Plant and it is adjacent to Parcel 187. Due to its proximity to the Kingston Fossil Plant, this parcel was affected by the 2008 coal ash pond release. Parcel 12-51 fronts former TVA land (XTWBR-51) that was transferred to the State for public recreation purposes, and it is under license to TWRA for public recreation. One of the two weir dams described in Parcel 186 is adjacent to Parcel 12-51. The parcel features a small, gravel public access area just off of Swan Pond Circle, and it is regularly used for bank fishing. The parcel has been surveyed and 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 4-12-51. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D-Stage Map Numbers	39 and 45
Stream Mile and Bank	ERM 2.3
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-53 – (6.1 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is two noncontiguous tracts of land located on the left bank of the Emory River and it is adjacent to Parcels 151 and 153. This parcel fronts former TVA land (XTWBR-53) that was transferred to the State for public recreation purposes, and it is under license to TWRA for public recreation. Facilities present on this parcel include a TWRA-managed boat-launching ramp, parking area, and a private use area. The northeastern tract is along Peninsula Road and has a small gravel parking area with a gravel boat-launching ramp and is known as Sugar Tree boat launch access. The southwestern tract is near Sugar Grove Valley Road and Holiday Shores Subdivision and the area closest to Holiday Shores Subdivision receives heavy use. The parcel has been surveyed and 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 4-12-53. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	46
Stream Mile and Bank	ERM 1.0L
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-54 – (1.5 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one narrow tract of land located on the right bank of the Clinch River. The parcel is crossed by Centers Ferry Bridge, and it is adjacent to Parcels 152 and 154. This parcel fronts former TVA property (XTWBR-54) that was transferred to the State for public recreation purposes, and it is under license to TWRA for public recreation. Landward access to this parcel is limited and the parcel is undeveloped. The parcel has been surveyed and 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 4-12-54. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	47
Stream Mile and Bank	CRM 4.6R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and herbaceous vegetation
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-55 – (1.4 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the left bank of the Clinch River; it is crossed by Interstate (I) 40 Bridge and U.S. Highway (US-70) Bridge, and it is adjacent to Parcel 123. Parcel 12-55 fronts former TVA land (XTWBR-55) that was transferred to the State for public recreation purposes, and it is currently under license to TWRA for public recreation. When the new US-70 Bridge was constructed, a fishing berm was constructed on the parcel and the area receives regular use by anglers. Additionally, this parcel features a TWRA-managed gravel parking lot and a concrete boat-launching ramp known as the Kingston boat launch access; this parcel is also used by kayakers. The parcel has been surveyed and 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 4-12-55. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D-Stage Map Numbers	38 and 47
Stream Mile and Bank	CRM 2.6L
Land Use/Land Cover	Developed/open space with fishing berm and scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-56 – (2.6 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land situated on the right bank of the Tennessee River and it is between Parcel 113 and Parcel 115 (Map Panel 3). Parcel 12-56 fronts former TVA land (XTWBR-56) that was transferred to the State for public recreation purposes; however, this parcel was reconveyed to TVA and it is not under license to TWRA for public recreation access. The land below the 745-foot contour on this property is under a land use permit to TWRA for the regulation of hunting and trapping on the parcel. The undeveloped parcel is forested with silver and red maple, sycamore, sweetgum, and river alder, and it is accessible by public roadway (Paint Rock Ferry Road). The parcel has been surveyed and 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 4-12-56. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	48 and 54
Stream Mile and Bank	TRM 571.9R
Land Use/Land Cover	Riparian forested shoreland
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Land use permit to TWRA for hunting and trapping regulation

Parcel 12-57 – (1.4 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land situated on the left bank of the Tennessee River and it is adjacent to Parcels 71 and 72. Parcel 12-57 fronts former TVA land (XTWBR-57) that was transferred to the State for public recreation purposes, and it is currently under license to TWRA for public recreation. Public access facilities present on this parcel include a TWRA-managed gravel boat-launching ramp and gravel parking area and it is known as Mournays Cove boat launch access. The parcel is accessible by public road (Marney Cove Road). The parcel has been surveyed and 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 4-12-57. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	36
Stream Mile and Bank	TRM 570.0L
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-59 – (3.8 acre)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located along the left bank of the Tennessee River and it is adjacent to Parcel 77 and Parcel 81. Parcel 12-59 fronts former TVA land (XTWBR-59) that was transferred to the State for public recreation purposes, and it is currently under license to TWRA for public recreation. The parcel is accessible by public road (Chamberlain Cove Road), and the parcel is undeveloped. Additionally, land located below the 745-foot contour on this parcel is under land use permit to TWRA for the purpose of regulating hunting and trapping in the area. The parcel has been surveyed and 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 4-12-59. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	50
Stream Mile and Bank	TRM 571.8L
Land Use/Land Cover	Forested with scattered shrubs and herbaceous vegetation
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • License to TWRA for public recreation • Land use permit to TWRA for hunting regulation

Parcel 12-60 – (1.7 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the left bank of the Tennessee River in Stamp Creek and it is adjacent to Parcels 81 and 82. Parcel 12-60 fronts former TVA land (XTWBR-60) that was transferred to the State for public recreation purposes, and it is under license to TWRA for public recreation. Land below the 745-foot contour is also under a land use permit to TWRA for the regulation of hunting and trapping. This parcel features an informal gravel boat-launching area and it is frequently used for bank fishing. This parcel is easily accessible by public roadway (Broken Arrow Road), and a 161-kv transmission line crosses the

parcel. The parcel has been surveyed and 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 4-12-60. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	51
Stream Mile and Bank	TRM 572.3L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • License to TWRA for public recreation • Land use permit to TWRA for hunting regulation

Parcel 12-62 – (1.6 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the right bank of the main channel of the Tennessee River and it is adjacent to Parcel 112. Parcel 12-62 fronts former TVA land (XTWBR-62) that was transferred to the State to allow public access to the reservoir, and it is currently under license to TWRA for public recreation. There are public access facilities on this parcel and it is known as Johnson Creek boat launch access. Facilities present include a TWRA-managed boat-launching ramp with a courtesy dock and a gravel parking area, and it is accessible by public road (Paint Rock Ferry Road). The parcel has been surveyed and 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 4-12-62. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	54
Stream Mile and Bank	TRM 572.5R
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-63 – (3.2 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land found on the left bank of the Clinch River and it is adjacent to Parcels 127 and 128. Parcel 12-63 fronts former TVA land (XTWBR-63) that was transferred to the State for public recreation purposes, and it is under license to TWRA for public recreation. The parcel has a TWRA-managed boat-launching ramp with a small parking area and it is accessible by public roadway (Gailean Road). The parcel has been surveyed and 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 4-12-63. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	55
Stream Mile and Bank	CRM 6.5L
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-66 – (3.8 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the right bank of the Tennessee River and it is adjacent to Parcels 109, 110, and 111. Parcel 12-66 fronts former TVA land (XTWBR-66)

that was transferred to the State for public recreation purposes, and it is currently under license to TWRA for public recreation. Public access facilities on this parcel include a TWRA-managed concrete boat-launching ramp with a small parking area, and it is accessible by public road (Little Dogwood Road). The parcel has been surveyed and 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 4-12-66. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	68 and 69
Stream Mile and Bank	TRM 577.2R
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-68 – (6.3 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is two noncontiguous tracts of land located on the left bank of the Tennessee River at Pond Creek and it is adjacent to Parcel 96. Parcel 12-68 fronts former TVA land (XTWBR-68) that was transferred to the State for public recreation purposes, and it is under license to TWRA for public recreation. Facilities present on this parcel, known as the Pond Creek boat launch access, include a TWRA-managed double concrete boat-launching ramp, a gravel parking lot, and a courtesy pier. This parcel receives heavy use from the public and is accessible by public roadway (SR-72). This parcel has 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 4-12-68. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Loudon, Tennessee
Topographic Map (Sheet No. and Quadrant)	131-NW
TVA D-Stage Map Numbers	70
Stream Mile and Bank	TRM 579.6L
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 12-69 – (5.2 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the left bank of the Tennessee River at the mouth of Pond Creek and it is adjacent to Parcel 95. Parcel 12-69 fronts former TVA land (XTWBR-69) that was transferred to the State for public recreation purposes, and it is under license to TWRA for public recreation. Additionally, a ‘Letter of No Objection’ is on file to Loudon Utilities for a water main around the bridge area. There are not any developed public access areas on this parcel and it is accessible by public road (SR-72). The parcel has been surveyed and 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 4-12-69. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Loudon, Tennessee
Topographic Map (Sheet No. and Quadrant)	131-NW
TVA D-Stage Map Numbers	70
Stream Mile and Bank	TRM 579.8L
Land Use/Land Cover	Shoreland with scattered trees and shrubs
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • License to TWRA for public recreation • Letter of No Objection to Loudon Utilities for water main

Parcel 12-70 – (4.4 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land situated on the right bank of the Tennessee River and it is adjacent to Parcel 106 and Parcel 108. The parcel fronts former TVA property (XTWBR-70) that was transferred to the State to allow public access to the reservoir and it is currently under license to TWRA for public recreation. This parcel is commonly referred to as both the Witches Circle or Cave Creek boat launch access. Landward access to this parcel is limited to foot traffic for security purposes, and it is closed to vehicles due to a history of illegal dumping. Facilities present on this land include a TWRA-managed gravel boat-launching ramp and gravel parking area. The parcel has been surveyed and 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 4-12-70. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	72
Stream Mile and Bank	TRM 582.4R
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	License to TWRA for public recreation

Parcel 13 – (5.2 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land on the left bank of the Tennessee River in Wann Branch (Panel Map 1). There is a commercial recreation license in place for Cherokee Point Campground. Recreation facilities in the campground include RV and primitive camping, and facilities present on this parcel include courtesy docks, a pavilion, and boat-launching ramp. This parcel is easily accessible by public roadway (Huff Bend Lane). Furthermore, backlying land may have deeded access rights across the parcel. The parcel has been surveyed and 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 4-13. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE and 124-NW
TVA D-Stage Map Numbers	2 and 8
Stream Mile and Bank	TRM 538.6L
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	Commercial recreation license to campground operator

Parcel 14 – (1.8 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located in Wann Branch on the left bank of the Tennessee River. This property is currently under license for commercial recreation purposes for Bluebirds Landing (formerly Sam's Boat Dock). Recreation facilities include a marina with covered boat slips, boat-launching ramp, multiple courtesy piers, a gravel parking area, and RV campsites. There are also rental cabins on the private backlying property. This parcel is accessible by public roadway (Sam's Boat Dock Road). Further, backlying land may have deeded access rights across this parcel. The parcel has been surveyed and 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 4-14. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	8
Stream Mile and Bank	TRM 538.6L
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • License to Bluebirds Landing operator for commercial recreation facilities • Section 26a permit to Bluebirds Landing operator for commercial recreation facilities

Parcel 15a – (4.1 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is one contiguous tract of land located along McCall Branch just upstream from River Road on the Tennessee River. Comprised of forested wetlands, the dominant tree species present on the parcel are sweetgum, red maple, green ash, and American and slippery elm. Shrubs include spicebush and pawpaw, and there is emergent wetland vegetation at McCall Branch and the backwaters of Watts Bar Reservoir. The branch is braided as it flows through this area, making it a somewhat sensitive geologic feature. The area has a presence of invasive nonnative plants, high course woody debris, standing dead snags, and amphibian breeding pools. The parcel is accessible by public roadway (River Road/SR-304). This parcel provides a good example of forested wetland habitat on Watts Bar Reservoir and will be managed in a manner that serves to enhance the protection of the forested wetlands present on the parcel. The parcel has been surveyed and there is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-15a. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	8
Stream Mile and Bank	TRM 538.9L
Land Use/Land Cover	Forested wetland with a shrubs and emergent wetland vegetation
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 15 – (54.5 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two long, narrow, and noncontiguous tracts of land located on the left bank of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including the Ewing, Meigs, and Whitaker subdivisions. The land cover includes scattered trees, shrubs, and mowed vegetation. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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 4-15. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	8 and 9
Stream Mile and Bank	TRM 538.8L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-209, XWBR-210, XWBR-211, XWBR-212, XWBR-213, XWBR-214, XWBR-215, XWBR-216, XWBR-217, XWBR-218, XWBR-219, XWBR-220, XWBR-221, XWBR-222, XWBR-223, XWBR-224, XWBR-226, XWBR-227, and XWBR-228
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 16a – (3.0 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is one contiguous tract of land located along an unnamed tributary on the left bank of the Tennessee River. The parcel has a forested wetland area and the dominant tree species include sweetgum, red maple, green ash, American elm, and slippery elm, and shrubs on the parcel include spicebush and pawpaw. There is local farm road that runs immediately adjacent to the parcel that has allowed for the spread of some invasive nonnative plants along the wetland edge, and the parcel is accessible by public roadway (River Road/SR-304). This parcel provides a good example of forested wetland habitat on Watts Bar Reservoir and it will be managed in a manner to enhance the protection of the bottomland forested wetlands. The parcel has been surveyed and there is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-16a. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	9
Stream Mile and Bank	TRM 539.1L
Land Use/Land Cover	Forested wetland
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 16 – (20.8 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two narrow, noncontiguous tracts on the left bank of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Culvahouse and Pledge Point subdivisions. The land cover includes scattered trees, shrubs, and maintained vegetation. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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 4-16. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	9
Stream Mile and Bank	TRM 539.7L
Land Use/Land Cover	Shoreline with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-230 and XWBR-492
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 17a – (3.2 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one contiguous tract of land located along the left bank of the Tennessee River. There is a narrow fringe wetland area composed of riparian vegetation including sweetgum, tulip poplar, elm, white and red oaks, and eastern red cedar. Much of the understory in this area is dominated by invasive nonnative plant species including privet, mimosa, multi-flora rose, and Japanese honeysuckle in addition to the native sawbrier. The small area between the parcel and the adjoining small island is dominated by wetland fringe vegetation including black willow, buttonbush, and various sedges and rushes. There have been signs of an active beaver along the shoreline and this area contains numerous dead tree snags with small cavities. There has been some unauthorized vegetation removal adjacent to the residential area, and the parcel is near a public roadway (River Road/SR-304). The parcel has been surveyed and there is a high probability for the presence of cultural resources. There is an approved water use facility present on the parcel, and existing previously approved water use facilities would be allowed to remain. However, requests for new private water use facilities or expansions to existing private water use facilities would not be considered.

Table 4-17a. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	9
Stream Mile and Bank	TRM 539.5L
Known Dispersed Recreation Opportunities	None identified
Land Use/Land Cover	Riparian and fringe wetland vegetation
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Approved water use facilities

Parcel 17 – (2.6 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel consists of a small island and a peninsula on the left bank of the Tennessee River. The peninsula is actually an island connected to the mainland by an earthen dyke constructed in the 1950s to assist in the development of the adjacent commercial marina. This mostly forested parcel serves to provide visual buffer for the adjacent private property with historic structures and will be managed to protect the visual character of the reservoir; it is best accessed by boat.

The parcel has been surveyed and there is a high probability for the presence of cultural resources. 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	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	9
Stream Mile and Bank	TRM 539.7L
Land Use/Land Cover	Riparian forest with areas of open shoreline
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 18 – (10.2 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the left bank of the Tennessee River that has been developed to support commercial recreation. The backlying property is former TVA property that was sold for commercial recreation purposes (XWBR-232) under Section 4(k)(a) of the TVA Act to Euchee Dock and Boat Company, Inc. with the necessary land rights for water use facilities. Euchee Marina is a full service marina with a ship store, restaurant, and fuel dock. There is also a campground, swim beach, two concrete boat-launching ramps with courtesy docks and numerous boat slips, and some shoreline areas have been stabilized with riprap. The parcel is accessible by Euchee Lane, and the adjacent marina property has many other commercial recreation amenities. The parcel has been surveyed and 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 4-18. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	9
Stream Mile and Bank	TRM 539.9L
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Section 4(k)(a) sale for commercial recreation use • Section 26a permit to Euchee Marina operator for harbor limits and marina facilities

Parcel 19 – (2.1 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is one narrow, contiguous tract of land situated on the left bank of the Tennessee River. The parcel is adjacent to River Road (SR-304) and contains portions of the road ROW. The parcel serves to support the road ROW and the land cover is fringe woodland with mowed areas. This parcel has a low probability for the presence of cultural resources, but it has not been surveyed. 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	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	9
Stream Mile and Bank	TRM 540.0L
Land Use/Land Cover	Mowed road ROW vegetation with some adjacent woodland areas
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	Permanent easement to Meigs County for roadway

Parcel 20 – (3.6 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the left bank of the Tennessee River. Areas of this parcel are used for storage to support Euchee Marina and undeveloped areas are used for informal camping by the public. A portion of the parcel is under license for Euchee Marina and the Section 26a approval for Euchee Marina on Parcel 18 is also associated with this parcel. Parcel 20 is adjacent to Meigs Subdivision and is accessible by public roadway (Lakeview Court). The parcel has been surveyed and 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 4-20. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	9
Stream Mile and Bank	TRM 540.0L
Land Use/Land Cover	Developed/open space and woodlands
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • License to Euchee Marina operator for commercial recreation • Section 26a permit to Euchee Marina operator for harbor limits and storage areas

Parcel 21 – (11.2 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one long, narrow, and contiguous tract of land located on the left bank of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Meigs Subdivision. This narrow shoreline parcel consists of scattered trees, shrubs, and maintained vegetation. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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 4-21. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	9
Stream Mile and Bank	TRM 540.2L
Land Use/Land Cover	Shoreline with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-233 and XWBR-234
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 22 – (58.1 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land on the Tennessee River and is under a 30-year commercial recreation agreement (XWBR-719RE) for the Hornsby Hollow Campground. Amenities present on the property support tent and RV camping with water and electricity hook-ups available. Additionally, there are bath houses, a swim beach, playground, boat-launching ramp, courtesy docks, and parking areas, and the undeveloped areas of the parcel are wooded. This parcel is easily accessible by public roadway (Hornsby Hollow Campground Way). The parcel has been surveyed and 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 4-22. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	9
Stream Mile and Bank	TRM 540.3L
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> Commercial recreation easement to operator of Hornsby Hollow Campground Section 26a permit approval for associated campground structures

Parcel 23 – (17.4 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the left bank of the Tennessee River adjacent to Hornsby Hollow Campground. The Athens City Schools Board of Education currently holds a 30-year public recreation easement (XTWBR-138RE,S.1X) for the operation of Camp Ootahnanochee, a campground and education center used by the city school system. This parcel is mostly wooded and there are bunk houses, restrooms/bath houses, an amphitheater, a fire pit, and two courtesy docks with access walkways on the shoreline. Additionally, this parcel is accessible by public roadway (River Road/SR-304). The parcel has been surveyed and 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 4-23. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	9
Stream Mile and Bank	TRM 540.5L
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Public recreation easement to Athens City School Board of Education • Land use permit to Athens City School Board of Education • Section 26a permit to Athens City School Board of Education

Parcel 24 – (83.9 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is comprised of an island locally known as Hornsby Island. The island is adjacent to the Hornsby Hollow Campground on the left bank of the Tennessee River, and is only accessible by boat. The island receives some hunting and a duck hunting blind is located on the southwest point of the property closest to the main reservoir channel. The portion of the island that fronts the main channel of the reservoir is eroding in places. Additionally, there is a large dispersed campsite on the southwest end of the island.

The land features various land aspects and slopes as well as a diverse collection of forest cover ranging from upland oaks, hickories, and eastern red cedar forests to riparian habitats with red maple, silver maple, alder, eastern gamma grass, and other shoreline emergent wetland species. In recent years, TWRA partnered with TVA and planted bald cypress in several shoreline areas around the island. Nonnative invasive plant populations are present in small colonies and include mimosa, sericea lespedeza, and multi-flora rose.

The parcel provides habitat for a variety of both upland and riparian wetland wildlife species including white-tailed deer, gray squirrel, resident and migratory songbirds, great blue, green, and black-crowned night-herons, and kingfishers. One active osprey nest and two great blue heron nests have been found on the island. There are known cultural resources on the island and the parcel will be managed in a manner to enhance the protection of cultural and natural resources present. Requests for private water use facilities would not be considered.

Table 4-24. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	9 and 16
Stream Mile and Bank	TRM 540.5L
Land Use/Land Cover	Mixture of upland forest, riparian habitat, mixed pine and deciduous forest
Known Dispersed Recreation Opportunities Committed or Uncommitted	Camping, wildlife observation, and hunting
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 25 – (90.8 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is comprised of three large noncontiguous tracts located at the back of Rowden Branch. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including the Culvahouse, Driftwood, King Pryor, Red Cloud, Red Cloud Cottage, Red Cloud Resort, and Red Cloud Shores subdivisions. The land cover is a mixture of open shoreline with maintained vegetation and scattered trees and shrubs. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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 4-25. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	9 and 16
Stream Mile and Bank	TRM 541.0L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-236, XWBR-238, XWBR-240, XWBR-241, XWBR-242, and XWBR-243
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 26 – (7.6 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is one contiguous tract of land situated on the left bank of the Tennessee River at Rowden Branch that serves to provide visual buffer from developed residential areas for the adjacent private property with historic structures including the 19th century Culvahouse House and farm. Unfortunately, the house was lost in a fire in 2009. This parcel was reconveyed from the State in 1985 and is TVA retained land (XWBR-307R) that is undeveloped with mixed deciduous forest and some open shoreline. The parcel is accessible by public roadway (River Road/SR-304). The parcel has been surveyed and there is a low probability for the presence of cultural resources. Requests for private water use facilities on this parcel would not be considered.

Table 4-26. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	9 and 16
Stream Mile and Bank	TRM 541.0L
Land Use/Land Cover	Mixed deciduous forest and open shoreline
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 27 – (1.8 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the left bank of the Tennessee River in Rowden Branch. This parcel is under a commercial recreation license for the Campground on the Lakeshore, and there is a Section 26a approval for harbor limits and boat slips. The campground amenities include RV camp sites, covered boat slips, fishing pier, boat-launching ramp, playground, and courtesy boat docks, and a portion of the shoreline has been stabilized with riprap. The parcel is accessible by public roadway (Red Cloud Road). Further, the backlying land is former TVA property (XWBR-243) and may have deeded access rights across the parcel. The parcel has been surveyed and 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 4-27. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	16
Stream Mile and Bank	TRM 540.8L
Land Use/Land Cover	Maintained vegetation with scattered trees
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Commercial recreation license to Campground on the Lakeshore operator • Section 26a permit for harbor limits and campground structures to Campground on the Lakeshore operator

Parcel 28 – (36.8 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of land located along the main channel of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Red Cloud Overlook, Red Cloud Shores, and Red Cloud Homestead subdivisions. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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 4-28. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	16
Stream Mile and Bank	TRM 541.2L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-243
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 29 – (2.3 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land situated on the left bank of the Tennessee River. The property is currently under a commercial license agreement for a commercial marina with a ship store and restaurant known as Watts Bar Landing Resort and Marina. The shoreline has boardwalks with fishing piers and courtesy docks, and the parcel that is accessible by public roadway (Sunset Island Drive). Further, the backlying land is former TVA property (XWBR-243) and may have deeded access rights across the parcel. The parcel has been surveyed and 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 4-29. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	16
Stream Mile and Bank	TRM 541.5L
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • License to Watts Bar Landing Resort and Marina operator for commercial recreation • Section 26a permit for marina and associated structures

Parcel 30 – (7.6 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This relatively narrow parcel is one contiguous tract of land that has a northwest aspect and is relatively steep. The parcel is primarily comprised of upland deciduous forest including oaks, hickories, and beech. Additionally, winged elm, pine, and eastern red cedar trees dominate some portions of the shoreline, especially in areas where there are exposed rock shelves. Riprap has been added to stabilize the shoreline in some areas. The riparian habitat is rated as fair to good on this parcel, and it provides habitat for typical upland wildlife species. The parcel is accessible by public roadway (Sunset Island Drive). The parcel has been surveyed and there is a low probability for the presence of cultural resources. Requests for private water use facilities on this parcel would not be considered.

Table 4-30. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	16
Stream Mile and Bank	TRM 541.5L
Land Use/Land Cover	Upland deciduous forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 31 – (6.7 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one contiguous tract of land located on the left bank of the Tennessee River in the back of the Pearl Harbor embayment. This narrow shoreline parcel is moderately sloped and has various aspects. Upland oaks, hickories, eastern red cedar, and scattered pines comprise most of the forested area. Further, this area supports typical upland wildlife species, including local and migratory songbird species, and has good understory conditions. The adjacent private property has been developed for residential use, and there have been some unauthorized land uses such as vegetation clearing and road development. The upland deciduous forest on this parcel provides an important buffer between the reservoir and backlying residential development. The parcel is accessible by public roadway (Indian Shadows Drive). The parcel

has been surveyed and there is a low probability for the presence of cultural resources.

Requests for private water use facilities on this parcel would not be considered.

Table 4-31. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	16
Stream Mile and Bank	TRM 541.6L
Land Use/Land Cover	Upland deciduous forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 32 – (18.6 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one contiguous tract of land that fronts the shoreline of the Pearl Harbor embayment off the main channel of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Lakeside Coves Subdivision. The land cover is primarily mixed pine and deciduous forest and mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and there is a low 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 4-32. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	16
Stream Mile and Bank	TRM 541.7L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-244
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 33 – (13.0 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This long, linear parcel is one contiguous tract of land located on the left bank of the Tennessee River. Most of this parcel is steep with bluffs and exposed bedrock extending from the property boundary down to the reservoir edge. This shallow rock site supports mixed deciduous forest species such as chestnut, oak, various hickories, and maple along with eastern red cedar. There is a record of the state-plant spreading false-foxglove (*Aureolaria patula*) on this parcel, which is sensitive to trampling and habitat alteration. The downstream portion of this parcel has some steep clay banks. Some portions of the backlying private property have been developed for residential use, and the parcel is accessible by public roadway (Indian Shadows Drive). The parcel has been surveyed and there is a medium probability for the presence of cultural resources. Requests for private water use facilities on this parcel would not be considered.

Table 4-33. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	16 and 19
Stream Mile and Bank	TRMs 541.8L to 543.1L
Land Use/Land Cover	Upland deciduous forest and exposed bluff areas
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 34 – (25.3 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one long and narrow contiguous tract of land along the left bank of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Indian Shadows Subdivision. The parcel spans the Meigs County and Roane County lines. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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 4-34. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs and Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	19
Stream Mile and Bank	TRMs 543.2L to 547.2L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-245 and XWBR-246
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 35 – (18.2 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one contiguous peninsular, near-island tract located on the left bank of the Tennessee River that is flat to moderately flat. The immediate backlying land use is residential and is part of Indian Shadows Subdivision and there is no road access, so access is limited to boats. This parcel has been under a land use permit to TWRA for wildlife management purposes since 1956. However, the area has not been actively managed for wildlife by TWRA for several years and areas that were formerly maintained have reverted to stands of tulip poplar, red maps, sweetgum, and locust forest cover. Other portions of this parcel support older mixed deciduous, pine, and eastern red cedar forest cover with typical riparian vegetation species, such as silver and red maple, along the shoreline. This parcel supports a high presence of invasive nonnative plants, including privet and Japanese honeysuckle. Additionally, informal camping occurs on the northeast end of the parcel. The parcel has been surveyed and there is a high probability for the presence of cultural resources. Requests for private water use facilities on this parcel would not be considered.

Table 4-35. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	19
Stream Mile and Bank	TRM 544.0L
Land Use/Land Cover	Mixed deciduous forest
Known Dispersed Recreation Opportunities	Dispersed camping
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Land use permit to TWRA

Parcel 36 – (54.3 acres)*Land Use Allocation: Zone 7, Shoreline Access*

This parcel is two noncontiguous, narrow tracts of land located in Cane Creek embayment. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Half Moon Shores Subdivision and a portion of Indian Shadows Subdivision. Further, Parcel 36 is adjacent to Zone 1 (Non-TVA Shoreland) areas with flowage easement rights (WBR-513F and WBR-514F). There are wetlands on a portion of this parcel and wetlands may affect where private water use facilities would be permitted. Landward access to the parcel is limited and the parcel is surrounded by residential property. Further, The parcel has been surveyed and there is a medium probability for the presence of cultural resources. Potential impacts to wetlands or other sensitive resources and any mitigation resulting from potential development of TVA public land would be evaluated during a site-specific environmental review for that project. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-36. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	16, 19, and 20
Stream Mile and Bank	TRM 547.5L – Cane Creek embayment
Land Use/Land Cover	Shoreland with wetlands, scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-246, XWBR-247, XWBR-248, XWBR-249, and XWBR-250
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 37 – (2.9 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the left bank of the Tennessee River in Cane Creek embayment. Blue Springs Marina is on Parcel 37 and is operated under commercial recreation license. Recreation facilities include a full service marina with restaurant, ship store, fuel station, boat slips, dry-stack launching facility, and parking areas. The parcel is adjacent to Parcel 12-20 that provides reservoir access with a public boat-launching ramp, and it is accessible by public roadway (River Road/SR-304). It is important to note that the backlying land is former TVA property (XWBR-253) and may have deeded access rights across this parcel. The parcel has been surveyed and 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 4-37. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	20
Stream Mile and Bank	TRM 547.8L – Cane Creek embayment
Land Use/Land Cover	Maintained vegetation with scattered trees
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • License to Blue Springs Marina for commercial recreation • Section 26a permit for marina and associated structures

Parcel 38 – (35.5 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one contiguous tract of land located in Cane Creek embayment. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including the Williams and Bayside subdivisions. This parcel is comprised of shoreline with scattered trees, shrubs, and maintained vegetation. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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 4-38. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	20
Stream Mile and Bank	TRM 548.0L – Cane Creek embayment
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-253, XWBR-254, and XWBR-255
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 39 – (7.5 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This peninsular parcel is one contiguous tract of land located in Cane Creek embayment across the cove from Blue Springs Marina (Parcel 37). The immediate backlying land use is residential and is part of Williams Subdivision and there is no road access, so access is limited to boats. This parcel is comprised of mixed deciduous forest and pine stands with shortleaf and Virginia pine, tulip poplar, and southern red oak being the most common tree species present. This parcel provides habitat for a variety of wildlife species and has substrate suitable to support nesting herons and osprey. The parcel has been surveyed and there is a medium probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-39. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	20
Stream Mile and Bank	TRM 547.8L – Cane Creek embayment
Land Use/Land Cover	Mixed deciduous forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 40 – (175.5 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is comprised of three islands and one peninsula on the left bank of the Tennessee River at the mouths of Cane Creek and Gordon Branch (Map Panel 2). The two largest islands, which lie nearest to the main channel, are steeply sloped and comprised of predominantly upland deciduous forest. These islands provide habitat for a wide variety of wildlife species and have supported nesting herons and osprey. The larger of the small islands is mostly comprised of bottomland forest and pines and has supported nesting great blue herons. The parcel has been surveyed, there is a high probability for cultural resources, and there are known cultural resources on the parcel. TVA has stabilized the shoreline of the smallest of the islands and a shoreline segment on the adjoining larger island in recent years to enhance the protection of cultural resources. Requests for private water use facilities would not be considered.

Table 4-40. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	19 and 20
Stream Mile and Bank	TRM 547.8L
Land Use/Land Cover	Mixture of deciduous forest, mixed pine, and bottomland forest
Known Dispersed Recreation Opportunities	Hunting
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 41 – (2.3 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located in Gordon Branch adjacent to Bayside Subdivision. Parcel 41 and the adjacent Parcel 42 are under a license for commercial recreation use for Bayside Marina and RV Park. Marina amenities on Parcel 41 include a restaurant, ship store, fuel station, and boat slips. Parcel 42 includes a campground for both tent and RV camping and a boat-launching ramp. There is also a concrete retaining wall to stabilize the shoreline. This parcel is accessible by public roadway (Bayside Drive). Further, the backlying land is former TVA property (XWBR-255) and may have deeded access rights across this parcel. Portions of this parcel have been surveyed and there is a low probability for cultural

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

Table 4-41. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	20
Stream Mile and Bank	TRM 548.2L
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> Commercial recreation license for Bayside Marina and RV Park Section 26a permit for marina and associated structures

Parcel 42 – (0.9 acre)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land on the left bank of the Tennessee River at Gordon Branch adjacent to Bayside Subdivision. Parcel 42 is also under a commercial recreation license for Bayside Marina and RV Park, and the amenities on this parcel include campsites with water and electricity hook-ups and a boat-launching ramp. This parcel is accessible by public roadway (Bayside Drive). Portions of this parcel have been surveyed and there is a low probability for cultural resources. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-42. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	20
Stream Mile and Bank	TRMs 548.9 to 549.8L
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> Commercial recreation license for Bayside Marina and RV Park Section 26a permit for marina and associated structures

Parcel 43 – (46.0 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of land that starts at Gordon Branch and continues to the main channel of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including the Bayside Farms, Bayview, and Irwinton Shores subdivisions. This parcel also includes a portion of land that was reconveyed to TVA from TWRA. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed, there is a medium probability for cultural resources, and there are known cultural resources on the parcel. Potential impacts to sensitive resources and any mitigation resulting from potential development of TVA public land would be evaluated during a site-specific environmental review for that request. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-43. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	20 and 21
Stream Mile and Bank	TRM 548.5L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-255, XWBR-256, XWBR-257, XWBR-258, and XWBR-584
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 44 – (23.1 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This linear shoreline parcel is one contiguous tract of land located along the left bank of the Tennessee River. Most of the parcel is steep and the shoreline is eroding in several areas. There is no landward access to the parcel. The land cover is mixed pine and upland deciduous forest with a rocky to bluff-like shoreline. Some of the shoreline provides habitat for resident and migratory bird species such as pine warbler, summer tanagers, yellow warbler, tufted titmouse,

Northern cardinal, red-bellied woodpecker, and American crow. Belted kingfishers have used the exposed, eroding clay banks on some shoreline areas for nesting burrow habitat. The parcel has been surveyed, there is a medium probability for cultural resources, and there are known cultural resources on the parcel. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D–Stage Map Numbers	21
Stream Mile and Bank	TRMs 548.9 to 549.8L
Land Use/Land Cover	Mixed pine and upland deciduous forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 45 – (32.5 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located along the left descending bank of the Tennessee River. Parcel 45 fronts former TVA property (XWBR-624) that was sold under Section 4(k)(a) of the TVA Act for group camp recreational use and this parcel is used for Camp John Knox. The backlying property owner is the Knoxville Presbytery of the Presbyterian Church, which is responsible for the operation of Camp John Knox. Camp John Knox is a recreational group camp facility and the amenities on Parcel 45 include courtesy piers, boat-launching ramps, swim beach, kayak storage area, and parking areas. This parcel is accessible by public roadway (West Rockwood Ferry Road). The parcel has been surveyed, there is a high probability for cultural resources, and there are known cultural resources on the parcel. Potential impacts to sensitive resources and any mitigation resulting from potential development of TVA public land would be evaluated during a site-specific environmental review for that request. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-45. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D–Stage Map Numbers	21 and 25
Stream Mile and Bank	TRM 550.5L
Land Use/Land Cover	Mostly wooded with some maintained vegetation and developed/open space
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Section 4(k)(a) sale for group camp recreational use • Section 26a permit for group camp structures

Parcel 46 – (784.9 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This large parcel is comprised of the Thief Neck Island complex, including the main island as well as three smaller islands on the south side of the island. Fifty-eight acres of the main island are under a land use permit to TWRA for wildlife management purposes and are planted with wildlife food crops and native warm season grasses. In addition to the cultivated fields, the main island contains mature upland mixed deciduous and pine forest, scrub-shrub land, and bottomland forest, which provide habitats for a diverse array of wildlife species including many neo-tropical migratory birds. The island has long been a focal point for TWRA’s white-tailed deer management program on Watts Bar Reservoir, and a non-quota Young Sportsman hunt is designated on the island on an annual basis. The main island receives use by the public for camping and other dispersed recreation. The island was once managed in conjunction with Roane State Community College and the island featured an established trail system that spanned around the property. However, this agreement is no longer in place and the established trail system no longer exists. In recent years, however, TVA has added hardened campsites to this island to facilitate public use of this parcel and taken measures to reduce resource degradation on the property. The islands contain historic structures and cultural resources. This biologically diverse island is managed to protect sensitive cultural, natural, and visual resources while allowing for appropriate dispersed recreation uses and wildlife management by TWRA. Furthermore, there is an existing habitat diversity project in place on the ridge situated on the main island, and this roughly 50-acre ridge area is on a periodic prescribed burn schedule. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D-Stage Map Numbers	25
Stream Mile and Bank	TRMs 550.8 to 555.8L
Land Use/Land Cover	Mixture of cultivated fields, mature upland forest, mixed deciduous and pine forest, scrub-shrub land, and bottomland forest
Known Dispersed Recreation Opportunities	Camping, informal hiking, and hunting
Committed or Uncommitted	Committed
Current Agreements/Commitments	Land use permit to TWRA

Parcel 47 – (21.8 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is one contiguous tract of land located on the left bank of the Tennessee River. The shoreline is relatively steep and bluff-like and supports a mostly mixed upland deciduous and pine forest, and the parcel is near a public roadway (W. Rockwood Ferry Road). This parcel has been surveyed and it contains cultural resources. The parcel will be managed in a manner to enhance the protection of these sensitive features as well as the visual landscape. Requests for private water use facilities on this parcel would not be considered.

Table 4-47. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D-Stage Map Numbers	21 and 25
Stream Mile and Bank	TRM 556.0L
Land Use/Land Cover	Steep shoreline, mixed upland deciduous and pine forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 48 – (66.0 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is five noncontiguous tracts of land located on the left bank of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including the Bluff Shores, Calvin Cannon, Lakewood Marina, Shorewood, and Woodland Cove subdivisions. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. There is a medium probability for cultural resources on this parcel, and there are known cultural resources on the parcel. Potential impacts to sensitive resources and any mitigation resulting from potential development of TVA public land would be evaluated during a site-specific environmental review for that request. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-48. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D–Stage Map Numbers	21
Stream Mile and Bank	TRM 556.7L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-260, XWBR-261, XWBR-262, XWBR-263, XWBR-264, XWBR-265, XWBR-266, XWBR-267, XWBR-268, and XWBR-269
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 49 – (2.2 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is comprised of two small noncontiguous tracts located in Ellis Creek. The parcel is surrounded by residential development, provides some limited riparian habitat and is accessible by public roadway (Ellis Road and River Road). This parcel also has encroachments including a private water use facility and unauthorized uses from horses and fences on the upstream segment. In the forested areas, the dominant species include willow, oak, sycamore, red maple, sweetgum, mixed pine, and elm. There is a medium amount of invasive nonnative plant species

including sericea lespedeza and privet. Portions of this parcel have been surveyed and there is a low probability for cultural resources on this parcel. Requests for private water use facilities on this parcel would not be considered.

Table 4-49. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D-Stage Map Numbers	21
Stream Mile and Bank	TRM 556.70L
Land Use/Land Cover	Shoreland with scattered riparian forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 50 – (20.1 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is composed of a grouping of 10 islands along the left descending shoreline of the Tennessee River. The islands contain wetlands and cultural resources and the most downstream island has been stabilized to enhance the protection of cultural resources. The islands are all relatively flat with the dominant vegetation found on the complex being bottomland trees such as red and silver maple, sweetgum, and sycamore with wetland fringe vegetation such as silky dogwood, leadbush, alder, and various sedges and rushes. The shoreline has a medium level of invasive nonnative plants including privet, multi-flora rose, and sericea lespedeza. Two of these islands are under a land use permit to TWRA for wildlife management purposes; however, they have not been actively managed in several years.

These islands receive significant use by a variety of wildlife species including nesting osprey, great blue and black-crowned night-herons, wood ducks, Eastern kingbirds, and yellow-breasted chats. Exposed, eroding mud banks on some of the islands contain nesting cavities and burrows for rough-winged swallows and belted kingfishers. Additionally, some of the islands that are a part of this parcel are large enough to receive use by white-tailed deer and other mammals. There is a high probability for cultural resources on this parcel, and there are known cultural resources on the parcel. This parcel will be managed to enhance the protection of the

wetlands and cultural resources present on the property. Requests for private water use facilities on this parcel would not be considered.

Table 4-50. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW and 123-SE
TVA D–Stage Map Numbers	21 and 27
Stream Mile and Bank	TRMs 556.8 to 557.2L
Land Use/Land Cover	Wetlands and bottomland forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	Land use permit to TWRA for wildlife management

Parcel 51 – (42.2 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is two noncontiguous tracts of land located on the left bank of the Tennessee River. The parcel wraps around a peninsula and contains several different habitat types ranging from upland deciduous forest to scrub-shrub and emergent wetlands. Most of the parcel is relatively flat with various aspects and much of this area was formerly grazed. A portion of the parcel is under an agricultural license for hay production. Adjacent land use is both agricultural and rural residential. In order to protect this land from encroachment associated with these adjacent land uses, cattle are fenced off of the TVA property, and buffer strips have been established around the licensed hay tract to provide additional wildlife habitat and protect water quality.

This parcel is the site of a Maintain and Gain (McLeroy) under TVA’s former program where shoreline access rights along a 0.4-acre portion of Parcel 52 were gained in exchange for a 5.3-acre portion of this parcel, supporting the high function and value of shoreline wetlands. Several hundred feet of shoreline has been stabilized by TVA in partnership with the backlying landowner to enhance the protection of a cemetery immediately adjacent to the shoreline.

In the forested areas, the dominant species include willow, oak, sycamore, red maple, sweetgum, mixed pine, and elm. Riparian conditions on this parcel vary from good to fair with typical shoreline vegetation species, including river alder, silky dogwood, and St. John’s wort. There is a medium amount of invasive nonnative plant species including sericea lespedeza and privet. Typical mammals, reptiles, amphibians, and resident and migratory bird species are

expected to utilize portions of this parcel for life requisite needs. The parcel receives limited public use as access is mostly limited to watercraft from the reservoir. The parcel has been surveyed and there is a medium probability for the presence of cultural resources. Requests for private water use facilities on this parcel would not be considered.

Table 4-51. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW and 123-SE
TVA D–Stage Map Numbers	21
Stream Mile and Bank	TRM 557.0L
Land Use/Land Cover	Mixture of wetlands, upland deciduous forest, scrub-shrubs, agriculture fields
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Agricultural license

Parcel 52 – (12.4 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of land located along Jackson Branch off the main channel of the Tennessee River on the left bank. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including the Robert Beard and Henley Point subdivisions. A 0.4-acre portion of this parcel gained shoreline access rights (XWBR-715RE) under TVA’s former Maintain and Gain program (McLeroy). Additionally, the parcel is comprised of shoreline with scattered trees, shrubs, and maintained vegetation. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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 4-52. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW and 123-SE
TVA D-Stage Map Numbers	21 and 27
Stream Mile and Bank	TRM 557.2L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-272, XWBR-273, XWBR-274, XWBR-275, XWBR-276, XWBR-277, XWBR-278, and XWBR-279
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 53 – (45.4 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is a long, narrow, contiguous tract of land located on the left bank of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including the Garlington Pointe, Georgia Meadows, Holiday Hills, and Lake Shado Estates subdivisions. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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 4-53. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	27
Stream Mile and Bank	TRM 557.5L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-281, XWBR-283, and XWBR-284
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 54 – (21.8 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel consists of two islands and one peninsular tract on the left bank of the Tennessee River. The parcel has bottomland riparian species such as sycamore, red and silver maple, and sweetgum trees and wetland vegetation such as silky dogwood, leadbush, alder, and various sedges and rushes. This parcel supports wildlife species typical for low island situations including osprey, great blue and black-crowned night-herons and belted kingfishers. The early successional/lowland habitat is utilized by a variety of wildlife species, particularly neo-tropical migrant birds such as white-eyed vireos and yellow warblers. The parcel receives limited public use as access is mostly limited to watercraft from the reservoir. The parcel has been surveyed and there are cultural resources on the parcel. The parcel will be managed in a manner to enhance the protection of wetlands and cultural resources. Requests for private water use facilities on this parcel would not be considered.

Table 4-54. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	27
Stream Mile and Bank	TRMs 557.5 to 558.2L
Land Use/Land Cover	Wetlands, bottomland forest, and riparian forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 55 – (10.0 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one contiguous tract of land on the left bank of the Tennessee River and it is adjacent to residential development. Some bank stabilization has taken place and ‘Letters of No Objection’ for mowing have been issued for this parcel due to the parcel’s history of mowing prior to the Shoreline Management Policy. Areas where the vegetation has not been disturbed support typical shoreline vegetation such as silver maple, elm, and hackberry. This parcel does not receive much public use due to its lack of access from the landward side. The parcel has

been surveyed and there is a high probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	27
Stream Mile and Bank	TRM 558.5L
Land Use/Land Cover	Scattered shoreline vegetation and maintained vegetation
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Letters of no objection for mowing

Parcel 56 – (61.7 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts located on the left bank of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including portions of Lake Harbor and Lake Shado Estates subdivisions. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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 4-56. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	27 and 28
Stream Mile and Bank	TRM 558.8L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-286 and XWBR-287
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 57 – (8.1 acres)

Land Use Allocation: Zone 3, Sensitive Resources Management

This parcel is one contiguous, peninsular tract located on the left bank of the Tennessee River. The peninsula contains multiple habitat types ranging from bottomland forest to scrub-shrub and emergent wetlands. Bottomland tree species include red and silver maple, sweetgum, and sycamore and shoreline vegetation species include river alder, silky dogwood, and St. John's wort. There is no landward access and the parcel is limited to watercraft from the reservoir. This parcel also contains cultural resources and the property will be managed to enhance the protection of these resources and wetlands. Requests for private water use facilities on this parcel would not be considered.

Table 4-57. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	27 and 28
Stream Mile and Bank	TRM 558.8L
Land Use/Land Cover	Bottomland forest and wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 58 – (9.2 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one contiguous tract of land that lies in the back of a large cove on the left bank of the Tennessee River. Landward access to the parcel is limited and the parcel is surrounded by residential property. Both riparian and fringe wetland habitats are present and these habitats are in fair condition due to instances of unauthorized land uses including mowing by an adjacent landowner, boat mooring, shoreline vegetation clearing, and cattle grazing. Furthermore, a fence has been built across a small drainage area that feeds from the northeast side of the parcel. In areas where the vegetation has not been disturbed or mowed to the shoreline, the parcel is typified by bottomland riparian vegetation species. Additionally, undisturbed portions of the shoreline support typical wetland fringe vegetation such as silky dogwood, leadbush, alder, and various sedges and rushes. Unauthorized vegetation management and unauthorized water

use facilities located on this property will be addressed as encroachments. The parcel has been surveyed and there is a medium probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-58. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	28
Stream Mile and Bank	TRM 559.5L
Land Use/Land Cover	Bottomland riparian and wetland fringe habitat
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 59 – (35.0 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one contiguous tract of land located on the left bank of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including the Idle Oaks Subdivision. This parcel is comprised of shoreline with scattered trees, shrubs, and maintained vegetation. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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 4-59. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	28 and 35
Stream Mile and Bank	TRM 560.3L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-289, XWBR-290, and XWBR-291
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 60 – (1.5 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This small parcel is one contiguous tract of land on a moderate to steep north-facing aspect on the main channel of the Tennessee River. The predominant vegetation includes upland deciduous forest species, primarily oaks and hickories. Landward access to the parcel is limited and the parcel is surrounded by residential property. There has been unauthorized vegetation clearing on a portion of the parcel. The parcel has been surveyed and there is a high probability for the presence of cultural resources. Requests for private water use facilities on this parcel would not be considered.

Table 4-60. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	35
Stream Mile and Bank	TRM 561.7L
Land Use/Land Cover	Upland deciduous forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 61 – (31.2 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts of land on the main channel of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including the Anderson Point Estates Subdivision. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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.

Table 4-61. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	35
Stream Mile and Bank	TRM 563.3L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-294, XWBR-295, XWBR-296, XWBR-599, XWBR-600, XWBR-601, XWBR-602, XWBR-603, XWBR-604, XWBR-605, and XWBR-606
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 62 – (4.9 acres)

Land Use Allocation: Zone 4, Natural Resources Conservation

This parcel is one contiguous tract of land on the left bank of the Tennessee River at the Chapman Branch embayment. The parcel has primarily low-lying, bottomland-type habitat with the dominant tree species being green ash, sweetgum, red and silver maples, and elm. There is a small amount of shoreline fringe wetlands at the shallow end of the embayment. A portion of the parcel is immediately adjacent to Ross Estates Subdivision, and there has been unauthorized vegetation clearing in that area. There is also evidence of understory vegetation clearing in the bottomland areas along the upper part of the branch.

Parcel 62 provides fair to good habitat for a variety of bottomland reservoir riparian wildlife species, although the unauthorized vegetation removal limits the value of these habitats to some degree. The parcel does appear to be receiving some dispersed recreation use; however, most use appears to originate from the adjacent backlying landowners. The parcel is accessible by public roadway (River Road/SR-304). The parcel has been surveyed and there is a low probability for the presence of cultural resources. Requests for private water use facilities on this parcel would not be considered.

Table 4-62. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	35
Stream Mile and Bank	TRM 564.1L
Land Use/Land Cover	Bottomland forest and fringe wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 63 – (46.7 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one contiguous tract of land located on the left bank of the main channel of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including the Bjorn Stenberg and Ross Estates subdivisions. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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 4-63. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	35
Stream Mile and Bank	TRM 564.4L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-298, XWBR-299, and XWBR-300
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 65 – (10.4 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is one contiguous tract of land on the left bank of the Tennessee River. The parcel is designated as the Marney Bluff Habitat Protection Area (HPA) which has been set aside to enhance the protection of the state-listed northern bush-honeysuckle (*Diervilla lonicera*). The brittle stems of this plant make it susceptible to trampling and breakage. HPAs are established to protect populations of listed species. The habitat is mostly rocky, dry woodland and the understory vegetation is typical for dry ridge sites in this area. This steep bluff area also supports an active bald eagle nest site on adjacent private property approximately 75 feet from the TVA property boundary. The top of the bluff on Parcel 65 is predominantly covered with upland oak and hickory forest with scattered Virginia and shortleaf pines. Typical upland wildlife species including common resident and migratory songbirds, raptors, reptiles, white-tailed deer, and gray squirrels would be expected to utilize this habitat. The nearest roadway is River Road (SR-304). This parcel receives little public use as the backlying property is privately owned and posted to no trespassing. The parcel has been surveyed and there is a high probability for the presence of cultural resources. Requests for private water use facilities on this parcel would not be considered.

Table 4-65. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D–Stage Map Numbers	35
Stream Mile and Bank	TRM 564.9L
Land Use/Land Cover	Rocky bluffs and upland forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 66 – (28.7 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is three noncontiguous tracts of shoreline along the left bank on the main channel of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including the Lakeview Estates and Lakeview Home Sites subdivisions. The land cover is a combination of scattered riparian trees and shrubs and

open shoreland with mowed areas. Parcel 66 is adjacent to Zone 1 (Non-TVA Shoreland) areas with flowage easement rights (WBR-838F, WBR-839F, WBR-840F, and WBR-841F). Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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 4-66. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	34, 35, 36, and 37
Stream Mile and Bank	TRM 565.4L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-301, XWBR-302, XWBR-303, XWBR-607, XWBR-608, XWBR-609, XWBR-610, XWBR-611, XWBR-612, XWBR-613, XWBR-615, and XWBR-616
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 67 – (4.0 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is divided into two noncontiguous tracts along the left bank on the main channel of the Tennessee River. The southern tract is adjacent to active agricultural land and is mostly comprised of herbaceous vegetation that has been grazed by cattle from the adjacent farm. Much of the shoreline on this segment has been stabilized in the past with large riprap stone and there are some scattered trees and shrubs remaining along the shoreline. The northern tract lies in the back of a small cove immediately adjacent to Lakeview Home Sites Subdivision. The northern tract is primarily comprised of bottomland forest with fringe wetland vegetation along the shoreline. Like the southern portion of Parcel 67, the area has limited value for wildlife due to both its small size and proximity to residential development. At times, unauthorized mooring occurs in the area adjacent to a small open portion of shoreline. There is no landward access to the parcel and public access is limited to watercraft from the reservoir. The parcel has been surveyed and there is a low probability for the presence of cultural resources. Requests for private water use facilities on this parcel would not be considered.

Table 4-67. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVAD-Stage Map Numbers	36 and 37
Stream Mile and Bank	TRMs 565.5L to 566.2L
Land Use/Land Cover	Scattered riparian trees, shrubs, and herbaceous vegetation
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 68 – (24.3 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land along the left bank of the Tennessee River. The parcel fronts the former Southwest Point Golf Course which was sold in late 2019. Property developers purchased the private backlying property and are proposing to develop this TVA reservoir property and the backlying private property for recreational, commercial, and residential development on the former golf course. The developers are working through TVA’s Recreation phased approach process for proposed development on the former Southwest Point Golf Course. The land cover is a combination of scattered riparian trees and shrubs and open shoreland. The parcel is accessible by public roadway (Decatur Highway). The parcel has been surveyed and 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 4-68. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	37
Stream Mile and Bank	TRM 567.5L
Land Use/Land Cover	Developed/open space and maintained vegetation with scattered trees
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Section 26a permit for shoreline stabilization

Parcel 69 – (4.2 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is a low-lying island located on the main channel of the Tennessee River. The island parcel is immediately adjacent to the former Southwest Point Golf Course and it serves to provide a visual buffer for historic structures (Fort Southwest Point) across the river channel. The island is comprised largely of mixed forest with some planted loblolly pines and shoreline fringe wetlands with vegetation such as silky dogwood, leadbush, alder, and various sedges and rushes. The parcel provides habitat for a variety of wetland and riparian dependent wildlife species including osprey, herons, egrets, wood ducks, and various resident and migratory songbird species. The loblolly pine present on the island provides potential nesting substrate for great blue and black-crowned night-herons. The parcel has a large dispersed recreational camping site that receives regular use by the public. The parcel has been surveyed and there is a high probability for the presence of cultural resources. Requests for private water use facilities on this parcel would not be considered.

Table 4-69. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	37
Stream Mile and Bank	TRM 568.0L
Land Use/Land Cover	Mixed forest with fringe wetlands
Known Dispersed Recreation Opportunities	Dispersed camping
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 70a – (1.3 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is one contiguous, steep, narrow tract of land located on the main channel of the Tennessee River and along a portion of former TVA property (XWBR-304). This parcel has been designated for Project Operations because of the presence of an existing navigation safety landing, Webster Bluff lighted buoy and Daymark 569.0. These facilities are just off the shoreline and at the edge of the navigation channel. The backlying former TVA property does not have the necessary land rights needed to request private water use facilities. Landward

access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and there is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-70a. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	37
Stream Mile and Bank	TRM 568.7L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and herbaceous vegetation
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	Navigation safety landing

Parcel 70 – (3.6 acres)

Land Use Allocation: Zone 4, Natural Resource Management

This contiguous parcel, which forms the base of Webster Bluff, is a steep, narrow tract of land with a predominantly eastern aspect located on the left bank of the main channel on the Tennessee River. Rock outcrops are common among the mature upland deciduous forest species on this property, and a population of the state-listed plant spreading false-foxglove (*Aureolaria patula*), which is sensitive to trampling and habitat alteration, is known along a portion of the shoreline. In addition to habitat for state-listed plant species, this area also provides good riparian habitat for a variety of resident and migratory wildlife species; it is known that osprey, herons, and belted kingfishers routinely perch and roost along this shoreline. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and there is a low probability for the presence of cultural resources. Additionally, this parcel fronts former TVA property that does not have the necessary land rights to request a private water use facility. Requests for private water use facilities on this parcel would not be considered.

Table 4-70. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	37
Stream Mile and Bank	TRM 568.7L
Land Use/Land Cover	Rock outcrops and mature upland forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 71 – (14.5 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of land along the main channel of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Lakewood Heights and Mariners Point subdivisions. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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 4-71. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	36, 37, and 50
Stream Mile and Bank	TRM 569.5L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-305, XWBR-306, XWBR-307, XWBR-508, XWBR-509, XWBR-510, and XWBR-511, XWBR-512
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 72 – (113.2 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

The parcel is comprised of two islands and a three mainland tracts located in the Riley Creek embayment. This parcel contain a range of diverse high quality habitat types, supporting a variety of wildlife species. The downstream portion of this parcel, including two islands and the mainland area adjacent to Meadowlake Airport, have been under a land use permit to TWRA for wildlife management purposes since late 1956. Additionally, TWRA has an agricultural license agreement with a farmer to manage and cut hay crops off portions of the mainland property near the airport runway. The islands are currently reverting back to early successional habitat, and the portion of the mainland area that is not involved in active hay production is comprised of typical riparian shrub and bottomland forest species along with shoreline fringe wetlands, providing habitat for numerous wildlife species; the habitat this area provides is especially beneficial for wading birds, wood ducks, osprey, belted kingfishers, and neo-tropical migrant songbirds such as yellow and prothonotary warblers, white-eyed vireos, and common yellowthroats. These habitats are also utilized by numerous mammal, amphibian, and reptile species.

The upstream portion of this parcel surrounds the shallowest embayment section of Riley Creek. Some of the area is comprised of typical bottomland forest species with some loblolly pine plantations scattered about the segment. Additionally, there has been some unauthorized mowing and derelict docks on a small portion in this area. Wildlife utilization of this portion of the parcel is similar to that described for the downstream section with beaver activity in the upper part of Riley Creek. Public access to this upper portion of the parcel is not good due to the position of the backlying private property and the shallow water in the embayment restricting watercraft from the reservoir. However, the area probably does receive some use by hunters. The parcel has been surveyed and there is a low probability for the presence of cultural resources. Existing private water use facilities are on the parcel and would be allowed to remain; however, future requests for new private water use facilities or expansions to existing private water use facilities would not be considered.

Table 4-72. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	36 and 50
Stream Mile and Bank	TRM 570.0L
Land Use/Land Cover	Bottomland forest
Known Dispersed Recreation Opportunities	Bank fishing, hunting and wildlife observation
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Land use permit to TWRA for wildlife management • License to TWRA for agriculture purposes • Approved water use facilities

Parcel 73 – (27.1 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of land that fronts the Henley Property, Anglers Cove, and Island Grove subdivisions. This parcel is located in the Riley Creek embayment, and the upstream portion of this parcel adjoins the Riley Creek Campground. This parcel is comprised of shoreline with scattered trees, shrubs, and maintained vegetation. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and there is a low 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 4-73. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	36 and 50
Stream Mile and Bank	TRM 570.2L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-310, XWBR-312, and XWBR-313
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 74 – (77.7 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the left bank of the Tennessee River and is used for Riley Creek Recreation Area and campground. The campground amenities include campsites for RV and tent camping with water and electricity hook-ups, bath houses, a resident manager house, picnic areas, a pavilion, courtesy slips, concrete boat-launching ramp, two swimming areas, and parking areas. The property is accessible by public roadway (Anglers Cove Road) and is under a public recreation license agreement with Roane County. The parcel has been surveyed and there is a high probability for the presence of cultural resources. Furthermore, the parcel includes Riley Creek Cemetery, which is fenced and off limits for any activities associated with campground expansion. 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 and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	50
Stream Mile and Bank	TRM 570.3L
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • License to Roane County for public recreation • Section 26a permit for associated park structures

Parcel 75 – (15.4 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel consists of several low-lying, noncontiguous islands located near the mouth of Riley Creek and Riley Creek Recreation Area (Parcel 74). The islands, known as the Riley Creek Islands, lie below the 745-foot contour, are under a land use permit issued to TWRA for wildlife management purposes. The predominant vegetation on Parcel 75 are bottomland forest species such as green ash, sycamore, sweetgum, boxelder, and silver and red maples with dominant wetland fringe species being black willow, alder, silky dogwood, leadbush, soft rush, water willow, woolgrass, and cattails in the area. These islands have been used as nesting habitat by

a variety of water bird species including great blue, green, and black-crowned night-herons as well as osprey and resident Canadian geese. Furthermore, TWRA has erected wood duck nesting boxes around many of these islands to support populations. These habitats are also very valuable to both resident and neo-tropical migratory bird species as well as typical wetland mammals, such as muskrats, and numerous amphibians and reptiles.

These islands receive some limited public use and are allocated as Zone 3 (Sensitive Resource Management) for the protection and management of the high quality wetlands and wildlife habitat on the property. Additionally, there are archeological resources present on this site, and the parcel will be managed in a manner to ensure the protection of these sensitive resources. Requests for private water use facilities on this parcel would not be considered.

Table 4-75. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	36 and 50
Stream Mile and Bank	TRMs 569.6 to 570.2L
Land Use/Land Cover	Bottomland forest and fringe wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	Land use permit to TWRA for wildlife management

Parcel 76 – (29.9 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one contiguous tract of land that contains a high quality mixture of upland deciduous and mixed pine forest with the adjoining private land managed for wildlife and forest resources. This property is located along the shoreline immediately upstream from the Riley Creek Campground (Parcel 74), and the private backlying land has been managed for wildlife and forestry by the landowner. The land cover is predominantly upland deciduous forest with a mixed pine component and some cove-type trees in the draws. Typical upland wildlife species such as white-tailed deer, gray squirrel, and gray fox plus numerous resident and migratory songbirds utilize this area. Likewise, the shoreline area supports use by wood ducks, wading birds, and osprey. This parcel is used for dispersed camping, bank fishing, and white-tailed deer hunting. Hunters access the area both by watercraft and from the adjacent Riley Creek

Campground (Anglers Cove Road). Permission has been granted to the adjoining private landowner that allows him to erect signage on a portion of the parcel to warn hunters of his nearby residence. The parcel has been surveyed and there is a medium probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	50
Stream Mile and Bank	TRM 570.6L
Land Use/Land Cover	Upland deciduous and mixed pine forest
Known Dispersed Recreation Opportunities	Dispersed camping, bank fishing, and hunting
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 77 – (10.7 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel consists of two noncontiguous tracts of land on the left bank of the Tennessee River that front residential property with shoreline access rights (see Panel Map 3). The northern tract is along the main channel of the Tennessee River and the southern tract is on Chamberlain Branch and fronts Highland Reserve Subdivision. Land below the 745-foot contour is under a land use permit to TWRA for hunting and trapping regulation. Landward access to the parcel is limited. The parcel has been surveyed and 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 4-77. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	50
Stream Mile and Bank	TRMs 571 to 571.8L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-314 and XWBR-316
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approved water use facilities • Land use permit to TWRA for regulation of hunting and trapping

Parcel 78 – (82.6 acres)*Land Use Allocation: Zone 3, Sensitive Resource Management*

This parcel is comprised of Long Island and six adjacent small islands. Long Island has been under a land use permit to TWRA for wildlife management purposes since 1956; the other smaller islands were added to the permit in 1969. A large portion of Long Island is planted with crops annually by TWRA to attract migratory and resident waterfowl, mourning doves, and white-tailed deer. The remainder of the island is comprised of a mix of scrub-shrub and bottomland forest habitats with high quality fringe wetlands along the shoreline. Like most other islands on Watts Bar Reservoir, these islands receive substantial use by numerous wildlife species, in particular wildlife associated with wetland riparian habitats.

TWRA has erected numerous osprey and wood duck nesting structures on and in the adjacent shallow waters around the island, most of which are being utilized. One of the upstream islands has supported an active great blue and black-crowned night-heron nesting colony for many years. Additionally, the expansive shallow water and mud flats surrounding these islands receive sporadic use by migrating sandhill cranes. There is a high probability for cultural resources on this parcel, and there are known cultural resources on the parcel. These islands are designated as Sensitive Resource Management in order to enhance the protection of valuable wetlands and wetland wildlife habitat as well as cultural resources. Requests for private water use facilities would not be considered.

Table 4-78. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	50
Stream Mile and Bank	TRM 571.5
Land Use/Land Cover	Mixture of agricultural fields and mixed scrub-shrub, bottomland forest with fringe wetlands
Known Dispersed Recreation Opportunities	Hunting
Committed or Uncommitted	Committed
Current Agreements/Commitments	Land use permit to TWRA for wildlife management

Parcel 79 – (3.8 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one contiguous tract of narrow and steep land on the main channel of the Tennessee River. Forest cover on Parcel 79 is comprised of typical upland species found on steeper slopes along the reservoir and provides roosting and cover habitat for a variety of riparian oriented wildlife species. There is no landward access to the parcel and public access is limited to watercraft from the reservoir. This narrow parcel receives little if any public use and will be managed in a manner to enhance protection of the riparian habitats. A portion of the parcel has been surveyed and there is a low probability for cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	50
Stream Mile and Bank	TRM 571.3L
Land Use/Land Cover	Upland forests and steep slopes
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Land use permit to TWRA for hunting regulation

Parcel 80 – (14.9 acres)*Land Use Allocation: Zone 4, Natural Resource Conservation*

This parcel is one contiguous tract of land located on the main channel of the Tennessee River at the mouth of Chamberlain Branch. This area is covered predominantly by upland deciduous forest with a mixed pine component and some cove-type tree species in the draws. Typical upland wildlife species such as white-tailed deer, gray squirrel, and gray fox plus numerous resident and migratory songbirds utilize this area. Likewise, the shoreline area supports use by wood ducks, wading birds, and osprey. There is no landward access to the parcel and public access is limited to watercraft from the reservoir. There is a high probability for cultural resources on this parcel, and there are known cultural resources on the parcel. Requests for private water use facilities would not be considered.

Table 4-80. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D–Stage Map Numbers	50
Stream Mile and Bank	TRM 572.0L
Land Use/Land Cover	Mixed pine and deciduous forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Land use permit to TWRA for hunting regulation

Parcel 81 – (25.6 acres)*Land Use Allocation: Zone 7, Shoreline Access*

This parcel is one contiguous tract of land that begins at the head of Chamberlain Branch, continues into the main channel of the Tennessee River, and ends at Stamp Creek. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Laurel Creek Woods Subdivision. Further, Parcel 81 is adjacent to Zone 1 (Non-TVA Shoreland) areas with flowage easement rights (WBR-854F). The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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 4-81. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	50 and 51
Stream Mile and Bank	TRM 572.0L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-316, XWBR-317, and XWBR-318
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approved water use facilities • Land use permit to TWRA for hunting regulation

Parcel 82 – (37.2 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one contiguous tract of land located in the upper Stamp Creek embayment. The portion of Parcel 82 on the left descending shoreline is relatively narrow and mostly comprised of low-lying scattered bottomland forest and scrub-shrub fringe wetlands. In the forested areas, the dominant species include willow, oak, sycamore, red maple, sweetgum, mixed pine, and elm. Wetland fringe vegetation includes silky dogwood, leadbush, alder, and various sedges and rushes. Riparian conditions on this parcel vary from good to fair and there is a moderate amount of invasive nonnative plant species including sericea lespedeza and privet.

There has been unauthorized vegetation clearing in the past on this parcel. The portion of this parcel on the right descending shoreline of Stamp Creek is moderate to very steep on a predominantly northwest aspect. Dominant vegetation on this portion is upland and cove-type deciduous forest among scattered limestone outcrops. The backlying land use is rural residential on the left descending shoreline and rural woodland on the right shoreline. Further, the back of the cove is adjacent to Zone 1 (Non-TVA Shoreland) areas with flowage easement rights (WBR-869F and WBR-870F). There is no landward access to the parcel and public access is limited to watercraft from the reservoir.

Wildlife utilizing this parcel includes both wetland and upland habitat species, such as herons, wood ducks, osprey, beaver, white-tailed deer, gray squirrel, and numerous resident and

migratory songbird species. The parcel also provides excellent habitat for many reptiles and amphibians that use high quality, riparian wetland fringe habitats on Watts Bar Reservoir. The parcel has been surveyed and there is a medium probability for the presence of cultural resources. There are existing previously approved water use facilities on this parcel, and these previously approved facilities would be allowed to remain; however, future requests for private water use facilities or expansions to existing private water use facilities would not be considered.

Table 4-82. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	51
Stream Mile and Bank	TRMs 572.5 to 573.4L
Land Use/Land Cover	Bottomland forest, scrub-shrub fringe wetlands, and upland deciduous forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Land use permit to TWRA for hunting regulation

Parcel 83 – (19.0 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of land that begin in Stamp Creek and continues into the main channel of the Tennessee River. This parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Charles H. Halcomb and Rogers on the Lake subdivisions. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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 4-83. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	50 and 51
Stream Mile and Bank	TRMs 572.5 to 573.4L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-323, XWBR-324, and XWBR-325
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 84 – (1.6 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one contiguous tract of land on the left bank of the Tennessee River in the Stamp Creek embayment. This parcel is a former TWRA transfer tract that was reconveyed to TVA. The parcel is accessible by public roadway (Paint Rock Road) and receives moderate public use. Parcel 84 provides a limited amount of riparian habitat and open shoreline with typical shoreline vegetation species including river alder, silky dogwood, and St. John’s wort. There is a moderate amount of invasive nonnative plant species including sericea lespedeza, multiflora rose, and privet. The parcel has been surveyed and there is a medium probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-84. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	51
Stream Mile and Bank	TRM 572.3L – Stamp Creek embayment
Land Use/Land Cover	Riparian habitat and open shoreline
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Land use permit to TWRA for hunting regulation

Parcel 85 – (4.4 acres)

Land Use Allocation: Zone 2 – Project Operations

This parcel is one contiguous tract of land on the left bank of the Tennessee River. The parcel has a navigation safety harbor for barge traffic. This steep parcel is located between Round Island Light and Daymark and Huffin Light and Daymark, and the parcel is comprised of open shoreline and upland forest. Species such as tulip poplar, white oaks, and red oaks comprise the larger canopy species in much of the forest. There is no landward access to the parcel and public access is limited to watercraft from the reservoir. The parcel has been surveyed and there is a low probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	51
Stream Mile and Bank	TRM 573.6L
Land Use/Land Cover	Shoreline with scattered trees and shrubs
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Navigation safety harbor • Land use permit to TWRA for hunting regulation

Parcel 86 – (0.7 acre)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the left bank of the Tennessee River. The parcel fronts a portion of the Whitestone Inn grounds and is under a recreation license to Whitestone Inn. There are permitted recreation facilities on the parcel including floating boat slips, a retaining wall, and a concrete boat-launching ramp. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the nearest roadway is Paint Rock Road. The parcel has been surveyed and 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 4-86. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	51
Stream Mile and Bank	TRM 573.7L
Land Use/Land Cover	Shoreland with developed/open space, scattered trees, shrubs, and herbaceous vegetation
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Recreation license to Whitestone Inn • Section 26a permit for floating boat slips, retaining wall, boat-launching ramp • Land use permit to TWRA for hunting regulation

Parcel 87 – (10.6 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is two noncontiguous tracts of land located on the left bank of the main channel of the Tennessee River. The upstream tract of this relatively steep, east-facing parcel abuts the boundary of the Paint Rock Wildlife Refuge. The downstream tract fronts the grounds of the Whitestone Inn and is used by Inn patrons for dispersed recreation activities such as hiking and wildlife observation. The land cover is a combination of upland forest, riparian species, and open shoreland with mowed areas. Species such as tulip poplar, white oaks, and red oaks comprise the larger canopy species in the forested areas. There is a moderate amount of invasive nonnative plant species including sericea lespedeza and privet. This narrow, somewhat rocky parcel provides habitat for a variety of upland and riparian wildlife species and acts as a buffer between the Whitestone Inn property and the reservoir. Landward access to the parcel is limited and the nearest roadway is Paint Rock Road. The parcel has been surveyed and there is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-87. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	51
Stream Mile and Bank	TRM 573.9L
Land Use/Land Cover	Rocky areas with upland and riparian habitat
Known Dispersed Recreation Opportunities	Hiking and wildlife observation
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Land use permit for hunting regulation

Parcel 88 – (647.7 acres)*Land Use Allocation: Zone 3, Sensitive Resource Management*

This large parcel is comprised of multiple noncontiguous tracts of land and islands along both shorelines of the Tennessee River and includes property that abuts Buck Creek, Greasy Run, Huffine Branch, Paint Rock Creek, and Richland Creek. Parcel 88 encompasses all of the TWRA-managed Paint Rock Wildlife Refuge which has long been the focal point of waterfowl management for TWRA on Watts Bar Reservoir following the establishment of the 'Refuge by State' proclamation in 1962.

In more recent years, due to flyway-wide changes in waterfowl migration patterns and a subsequent increase in resident Canadian geese and white-tailed deer populations, management priorities for the refuge have changed. Some smaller areas are planted with wildlife food crops to provide habitat for resident Canadian geese, wood ducks, and early migratory waterfowl species; however, much emphasis in recent years has been placed on management of non-game, or watchable, wildlife species. TWRA has erected numerous osprey nesting structures within the refuge boundaries making this area one of the most densely populated osprey nesting sites on the reservoir. Bald eagles have also nested immediately upstream of the refuge in the Paint Rock Bluff area for several years and can be frequently seen perched or foraging within the refuge boundaries. Several of the islands within the refuge are used as nesting substrate and roosting habitat by great blue, green, and black-crowned night-herons and double-crested cormorants. The exposed mud flats and shallow water areas also receive use by migratory shorebirds and, occasionally, by migrating sandhill cranes. The diversity and juxtaposition of habitats, in conjunction with the refuge's regulations that preclude

public use of the area for several months during the fall and winter, makes Paint Rock Refuge the most valuable and unique wildlife habitat on Watts Bar Reservoir.

There have been unauthorized activities such as vegetation clearing and off-road vehicle trails, boat mooring, establishment of private water use facilities, and livestock grazing scattered throughout the refuge’s shoreline areas. This parcel also includes 4.8 acres of property along Huffine Branch that was acquired as mitigation for the granting of a recreation license to Whitestone Inn on adjacent Parcel 86. This large parcel is accessible by multiple public roadways including Myers Road, Paint Rock Road, Paint Rock School Road, and Tennessee Chapel Circle. This parcel will be managed to enhance the protection of significant resources, including cultural resources, wetlands, unique habitats, natural areas, and the visual character of the reservoir. Portions of the parcel have been surveyed and there is a high probability for the presence of cultural resources, and there are known cultural resources on the parcel. TVA has stabilized portions of Huffine Island to protect specific archaeological sites. Requests for private water use facilities on this parcel would not be considered.

Table 4-88. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	51, 52, 53, 54, and 68
Stream Mile and Bank	TRMs 574.0 to 576.0B
Land Use/Land Cover	Broad mix of forest types with scattered wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Land use permit to TWRA for Paint Rock Wildlife Refuge • Section 26a permit and license to Volunteer Energy Cooperative for electric utilities

Parcel 89a – (0.3 acre)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one small, contiguous tract of land on the left bank of the Tennessee River that is relatively flat to gently sloping. The parcel fronts a portion of former TVA property (XWBR-328) that has gained shoreline access rights (WBR-122,S.1Q) along 145 feet of shoreline under TVA’s former Maintain and Gain program. The associated property where shoreline access

rights were extinguished along 150 feet of shoreline of former TVA property (XWBR-122,S.1X) is located in Rhea County at TRM 536.0R adjacent to Parcel 256a. This parcel has a low probability for the presence of cultural resources, but it has not been surveyed. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-89a. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	53
Stream Mile and Bank	TRM 577.3L
Land Use/Land Cover	Shoreland with scattered trees and shrubs
Committed/Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Deed modification (WBR-122,S.1Q) • Recreation easement (WBR-720RE) • Approved community water use facilities

Parcel 89 – (34.7 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is two noncontiguous tracts of land located on the left bank of the Tennessee River. The upstream tract near TRM 577.0 is relatively flat to gently sloping with a predominantly bottomland forest cover type along the shoreline. There is a presence of invasive nonnative species including privet, multi-flora rose, and Japanese honeysuckle in this area. The upstream portion of Parcel 89 provides good habitat for white-tailed deer, woodpeckers, osprey and other common wildlife species. The most upstream portion of this parcel fronts former TVA property (XWBR-328), which does not have the necessary land rights needed to request private water use facilities. Furthermore, there is a medium probability for the presence of cultural resources on the upstream portion of the parcel.

The downstream tract near TRM 576.0 is comprised of a steeper bank area with a relatively narrow strip of deciduous trees including oaks, hackberry, elms, sycamore, and hophornbeam. Downstream, the understory is sparse due to extensive past and present grazing pressure from cattle on the adjacent farm. Additionally, some shoreline sections of this downstream portion are eroding, especially in areas where cattle have been accessing the reservoir for water. Species such as osprey, Canadian geese, and belted kingfishers utilize this area; however, the overall

wildlife habitat value of this portion has been degraded by the ongoing cattle grazing activity. This cattle activity is also degrading reservoir water quality on a localized basis. Future management emphasis on this parcel should be focused on the exclusion of cattle and/or the restriction of cattle access to the reservoir via a defined water lane. There is no landward access to the parcel and public access is limited to watercraft from the reservoir. Furthermore, portions of the parcel have been surveyed and there is a medium probability for the presence of cultural resources. The backlying property owners do not have the necessary rights for private water use facilities. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	53
TVA D-Stage Map Numbers	130-SW
Stream Mile and Bank	TRMs 575.9 to 577.5L
Land Use/Land Cover	Bottomland and deciduous forest, and shoreland with scattered trees and shrubs
Known Dispersed Recreation Opportunities	None identified
Committed/Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 90 – (1.4 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is one contiguous tract of land situated on the main channel of the left bank of the Tennessee River. There are mooring cells fronting this parcel to support a navigation safety landing and harbor. The parcel is steep with scattered upland deciduous forest species such as tulip poplar, oak, hickory, maple, beech, birch, and black locust. There is no landward roadway access to the parcel and public access is limited to watercraft from the reservoir. This parcel has a low probability for the presence of cultural resources, but it has not been surveyed. Requests for private water use facilities would not be considered.

Table 4-90. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	53
Stream Mile and Bank	TRM 577.5L
Land Use/Land Cover	Steep shoreland with scattered trees and shrubs
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	Navigation safety landing

Parcel 91 – (11.9 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is one contiguous tract of land located on the main channel of the Tennessee River, and the downstream two-thirds of this parcel are designated as the Marble Bluff HPA. HPAs are established to protect populations of listed species and sometimes geological features are also protected in HPAs. Parcel 91 contains habitat for the state-listed plant spreading false-foxglove (*Aureolaria patula*) as well as a cave that supports sporadic and transient use by Gray bats, a federally listed species, and other bat species. TVA gated this cave several years ago in partnership with the University of Tennessee's Department of Archaeology in an effort to protect cultural resources present on the property from being disturbed and defaced. The cave could also provide habitat for the rare Tennessee cave salamander. This parcel also receives use from a variety of riparian wildlife species. The parcel is covered predominantly by upland deciduous forest with a mixed pine component and some rock outcrops. The downstream portion of the parcel is accessible by public roadway (Marble Bluff Road). There is a high probability for cultural resources on this parcel. This parcel will be managed to enhance the protection of significant resources, including listed species, cultural resources, wetlands, unique habitats, and the visual character of the reservoir. Requests for private water use facilities on this parcel would not be considered.

Table 4-91. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane and Loudon, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D–Stage Map Numbers	53 and 70
Stream Mile and Bank	TRMs 577.8 to 578.8L
Land Use/Land Cover	Upland deciduous forest with limestone outcrops
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 92 – (34.9 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is two noncontiguous tracts of land that begins on the main reservoir shoreline of Watts Bar and extends up and along both sides of the Polecat Creek embayment. The aspect and slope of this parcel varies from steep on the main reservoir portion and near the mouth of the creek to relatively flat along the upper reaches of the embayment. The primary forest cover is comprised of oaks, hickories, eastern red cedar, elms, tulip poplar, and Virginia pine with some scattered American beech in steeper, cove-type areas. In some of the more low-lying areas and in the riparian zone, the dominant tree species are silver maple, green ash, and sycamore. The riparian condition on this parcel is good to fair with some existing unauthorized land uses such as vegetation clearing, mowing, and the establishment of private water use facilities in the Polecat Creek embayment. The backlying land use on the right descending shoreline of this property is rural residential mixed with agricultural hay land and rural woodland on the west, or left, descending bank of the embayment. Furthermore, the presence of invasive nonnative plants is medium to high on this parcel with privet and mimosa being the most common species present.

Parcel 92 provides habitat for most common resident and migratory wildlife species found on Watts Bar, from upland forest species to riparian, shallow water oriented species. The private property that adjoins this parcel on the west bank is managed for wildlife and leased by a hunting club. Some off-road vehicle trails located on the adjacent private property in this area extend down onto the TVA property and these trails are considered an authorized land use. This parcel is also the site of a former TWRA access area that has since been reconveyed to TVA. The road, parking area, and unpaved boat-launching ramp are located near the area where the

creek enters the reservoir and receive heavy dispersed recreation use. The parcel is accessible by public roadway (Marble Bluff Road). This parcel has not been surveyed and there is a medium probability for the presence of cultural resources. There are existing previously approved water use facilities on this parcel and these facilities would be allowed to remain; however, requests for new private water use facilities or expansions to existing private water use facilities would not be considered.

Table 4-92. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Loudon, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW and 131-NW
TVA D-Stage Map Numbers	70
Stream Mile and Bank	TRM 578.9L
Land Use/Land Cover	Shoreline fringe wetlands and deciduous forest
Known Dispersed Recreation Opportunities	Camping and bank fishing
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Approved water use facilities

Parcel 93 – (10.4 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is one contiguous tract of land located in the Polecat Creek embayment where the impoundment backwater begins. This parcel is allocated as Sensitive Resource Management to support the high quality wetlands present on the parcel. Beavers have built dams that have backed water over a major portion of the parcel, creating wetlands of high function and value. This wetland is comprised of forested, scrub-shrub, and emergent vegetation types with black willow, river alder, silky dogwood, leadbush, soft rush, woolgrass, and various other wetland sedges, rushes, and grasses. The wetland provides many water quality functions including sediment trapping and nutrient sequestration. Typical wildlife species utilizing this wetland habitat include beavers, herons, wood ducks, muskrat, prothonotary warblers, green frog, northern water snake, and numerous other resident amphibians, reptiles, and migratory bird species. This wetland complex, which extends onto adjoining private property upstream on Polecat Creek, receives substantial use by waterfowl hunters as numerous migratory waterfowl species use this area during the fall and winter months. This parcel will be managed in a manner to enhance the protection of wetlands. There is no landward roadway access to the parcel. This parcel has not been surveyed and there is a medium probability for the

presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-93. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Loudon, Tennessee
Topographic Map (Sheet No. and Quadrant)	131-NW
TVA D-Stage Map Numbers	70
Stream Mile and Bank	TRM 578.9L
Land Use/Land Cover	Wetlands
Known Dispersed Recreation Opportunities	Hunting
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 94 – (11.2 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is one contiguous tract of land on the left bank of the Tennessee River and it is designated as the Polecat Creek Slopes HPA. HPAs are established to protect populations of listed species. This steep, north to northeast facing tract contains habitat for the state-listed plant spreading false-foxglove (*Aureolaria patula*), which is sensitive to trampling and habitat alteration. The parcel is accessible by public roadway (Marble Bluff Road). An informal turnaround associated with dispersed recreation is located on this parcel and unauthorized dumping has taken place in this area. This unauthorized use has been an ongoing issue that is being addressed by TVA field staff to maintain control and to enhance the protection of this parcel’s valuable resources. This parcel has not been surveyed and there is a medium probability for cultural resources. There is an existing previously approved private water use facility, and there are two other existing Section 26a permit approvals on this parcel. Existing previously approved water use facilities would be allowed to remain; however, requests for new private water use facilities or expansions to existing private water use facilities would not be considered.

Table 4-94. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Loudon, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW and 131-NW
TVA D-Stage Map Numbers	70
Stream Mile and Bank	TRMs 579.0 to 579.6L
Land Use/Land Cover	Mixed deciduous forest and limestone outcrops
Known Dispersed Recreation Opportunities	Bank fishing
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Section 26a permit and license for utilities • Approved water use facilities

Parcel 95 – (16.0 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is four noncontiguous tracts of land where one tract is on the main channel of the Tennessee River and three tracts are located in the cove fed by Pond Creek. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Lakeshore Wright Subdivision. Further, Parcel 95 is adjacent to Zone 1 (Non-TVA Shoreland) areas with flowage easement rights (WBR-1409F, WBR-1410F, and WBR-1621F). The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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 4-95. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Loudon, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE, 130-SW, and 131-NW
TVA D-Stage Map Numbers	70 and 71
Stream Mile and Bank	TRMs 579.6 to 580.5L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-332, XWBR-333, and XWBR-334
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 96 - (11.5 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is three noncontiguous tracts of land located on the upper end of the Pond Creek embayment and is primarily comprised of a variety of riparian habitats. The backlying land use is both rural residential and agricultural. The parcel is adjacent to Zone 7 (Shoreline Access) property on both sides of the creek on the downstream end and Prospect Road on the upper end. Riparian conditions on this parcel vary from good to fair with typical shoreline vegetation species, including river alder, silky dogwood, and St. John’s wort. There is a moderate amount of invasive nonnative plant species including sericea lespedeza and privet. This parcel provides some moderate quality riparian wildlife habitat. Past flooding and high-flow situations have eroded portions of Parcel 96, and parts of the parcel have also been grazed by livestock. The parcel is accessible by public roadway (SR-72 and Prospect Church Road). This parcel has a high probability for the presence of cultural resources, but it has not been surveyed. 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	Loudon, Tennessee
Topographic Map (Sheet No. and Quadrant)	131-NW
TVA D-Stage Map Numbers	70
Stream Mile and Bank	TRMs 579.0 to 579.8L
Land Use/Land Cover	Shoreland with scattered trees
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Section 26a permit for water main

Parcel 97 – (39.1 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is comprised of about a dozen scattered islands located on the left descending shoreline from TRM 577.0 near Wilson Island upstream to TRM 598.0 near Browder Bend Island. Most all of these islands are relatively low-lying and support bottomland forest and wetland fringe species such as silver and red maple, green ash, sycamore, river birch, black willow, sweetgum, river alder, silky dogwood, buttonbush, and leadbush. Common emergent

wetland species found on this property include marsh-mallow, cattail, water willow, woolgrass, soft rush, rice cutgrass, and various other sedges, rushes, and grasses. Invasive nonnative plants are fairly common on many of these islands and include privet, multi-flora rose, mimosa, and Japanese honeysuckle. An invasive grass species, reed canarygrass, is becoming common in several emergent wetland habitats located on the islands and threatens native flora in those areas. Like most islands on Watts Bar, erosion from watercraft wave wash is beginning to have a substantial effect on a number of the islands associated with this parcel, and cultural resources are contained on several of these islands.

The island habitats support use for a wide variety of both resident and migratory wildlife species. Some of the islands, in particular Sweetwater Island, Blair Island, and Browder Bend Island, provide nesting substrate for wading and water birds including great blue, green, and black-crowned night-herons and double crested cormorants. Ospreys also nest on or adjacent to several of the islands. Mammals such as beavers, muskrats, and raccoons utilize these habitats as well as white-tailed deer on some of the larger islands. Amphibians such as green frog and Cope’s gray tree frog and reptiles such as northern water snakes and garter snakes are also relatively common in these areas. These island habitats are particularly important habitat for certain neo-tropical migratory birds such as white-eyed vireo, blue-gray gnatcatcher, common yellowthroat, and yellow and prothonotary warblers. The parcel has been surveyed and there is a high probability for cultural resources. The parcel will be managed in a manner to ensure the protection of the sensitive wetland riparian habitats, bottomland forest, and cultural resource sites present on the property. Requests for private water use facilities would not be considered.

Table 4-97. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Loudon, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE, 130-SW, 130-SE, 131-NW, and 131-NE
TVA D-Stage Map Numbers	53, 68, 69, 70, 71, 72, 75, and 76
Stream Mile and Bank	TRMs 576.6 to 597.2L
Land Use/Land Cover	Wetlands and bottomland forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 98 – (9.4 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is three noncontiguous tracts of land located on the left bank of the Tennessee River, and it is adjacent to the Tennessee National Golf Course and a residential development. A revocable license has been issued to Tennessee National for a linear golf cart path on a portion of this parcel, and a Section 26a permit was issued for a golf cart bridge at the licensed area. The vegetation balance of the parcel consists of a mixture of upland and riparian habitat along the reservoir shoreline, which provides some habitat for a variety of both upland and riparian wildlife species typical for this portion of Watts Bar Reservoir. Landward access to the parcel is limited and the parcel is surrounded by the golf course and residential property. The parcel has been surveyed and there is a high probability for the presence of cultural resources. 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	Loudon, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE and 130-SW
TVA D-Stage Map Numbers	71
Stream Mile and Bank	TRMs 580.6 to 581.1L
Land Use/Land Cover	Upland and riparian habitat
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	<ul style="list-style-type: none"> • Land use permit to Tennessee National for cart path and bridge • Section 26a permit to Tennessee National for cart path bridge

Parcel 99 – (10.2 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the left bank of the Tennessee River. The parcel has a 30-year public recreation easement with the City of Loudon for Riverside Park. This parcel is in the center of town and is accessible by public roadway (Main Street). The parcel features public recreation facilities for boating and picnicking, includes fishing piers, boat-launching ramp, boat dock, picnic areas, and restrooms. 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. In 2020, the City of Loudon submitted an application for additional recreation amenities, including a fuel dock, and a master plan for “Historic Harbortown of Loudon.”

Table 4-99. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Loudon, Tennessee
Topographic Map (Sheet No. and Quadrant)	131-NE
TVA D-Stage Map Numbers	74-1 and 74-2
Stream Mile and Bank	TRM 591.8L
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Term easement to the City of Loudon for public recreation • Section 26a permits to the City of Loudon for recreation facilities

Parcel 100 – (11.2 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This narrow, linear parcel is three noncontiguous tracts of land along the right bank of the Tennessee River and along a large, unnamed tributary stream and shallow embayment just downstream of the I-75 Bridge. Most of the parcel is relatively flat with scattered patches of riparian forest vegetation including silver maple, black locust, sycamore, green ash, and honey locust. Some shoreline areas support stands of river alder, and scattered scrub-shrub and emergent fringe wetlands are found in the upper end of the shallow embayment. Invasive nonnative plants are scattered along the parcel and privet is the most common species. Much of the downstream segment of the parcel abuts agricultural land while the upstream portion fronts the Riverview Golf Course. Section 26a permits associated with the golf course have been issued to the City of Loudon for bank stabilization, pedestrian bridges construction, and a water intake. There is no direct road access to the parcel. This parcel has a high probability for the presence of cultural resources, and there are cultural resource sites on the parcel. 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	Loudon, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW and 130-SE
TVA D-Stage Map Numbers	73
Stream Mile and Bank	TRMs 584.4 to 585.2R
Land Use/Land Cover	Riparian forest with fringe wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	<ul style="list-style-type: none"> • Section 26a permits to City of Loudon for shoreline stabilization, water intake, and pedestrian bridges • Section 26a permit to Tennessee Department of Transportation for bridge

Parcel 101 – (21.5 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is four noncontiguous tracts located along the right bank of the Tennessee River and along a portion of the Ray Branch embayment. Much of the shoreline frontage has a shallow embayment situated behind it. The adjacent mainland is relatively steep and narrow and has common upland deciduous forest species. The riparian zone and the wetland fringe found on this parcel are comprised of black willow, green ash, red and silver maple, silky dogwood, river alder, buttonbush, Virginia sweetspire, jewel weed, lizard’s tail, smartweed, and swamp dock. Invasive nonnative plant species are found in some areas with privet on the higher ground and reed canary grass in the emergent wetland areas. This parcel supports typical wetland wildlife species known from Watts Bar Reservoir. Wood ducks and other waterfowl and water bird species use the shallow water and wetland habitats. Several mammals, including white-tailed deer, utilize these areas as well. These wetlands are also critical habitat for the prothonotary warbler, a species whose low population numbers are of growing concern in southeast. The predominant backlying land use is rural woodland, and there is no direct road access to the parcel. This parcel has been surveyed and there is a low probability for the presence of cultural resources. Parcel 101 will be managed to enhance the protection of the high quality wetlands present on this parcel. 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	Loudon, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW and 130-SE
TVA D-Stage Map Numbers	72 and 73
Stream Mile and Bank	TRMs 583.7 to 584.3R
Land Use/Land Cover	Wetlands and deciduous forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 102 – (53.3 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of land located on the right bank of the Tennessee River and continues into the Hines Creek slough. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including the Lake-A-Wana Subdivision. A navigation beacon known as Bogarts Light is on the parcel, and the land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. This parcel has been surveyed and wetlands and cultural resources are located on this parcel, which may affect what activities and developments can be permitted on this property. Potential impacts to wetlands, cultural resources, or other sensitive resources and any mitigation resulting from potential development of TVA public land would be evaluated during a site-specific environmental review for that request. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-102. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	72
Stream Mile and Bank	TRMs 582.5 to 583.6R
Land Use/Land Cover	Shoreland with wetlands, scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	WBR-997
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 103 – (14.9 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is one contiguous tract of land located in the upper end of the Hines Creek embayment and it contains wetlands. Dominant species in this forested wetland include red maple, sycamore, and American elm. Some privet is present in the understory as are river oats, asters, and nutsedges. Beavers have built dams and impounded a portion of the area, enhancing the wetland hydrology and creating a large scrub-shrub and emergent wetland area. Buttonbush and river alder are the dominant shrubs in this area. Wildlife known to utilize this wetland complex include white-tailed deer, beaver, muskrat, red-shouldered hawk, wood duck, yellow-rumped warbler, prothonotary warbler, red-bellied and downy woodpeckers, green frogs, bull frogs, and numerous other amphibian and reptile species. Much of the adjoining land is Hines Creek floodplain bottomland and deciduous forest. There is no direct road access to the parcel and Hal Road is the nearest roadway. The parcel has been surveyed and there is a low probability for the presence of cultural resources. This parcel will be managed to enhance the protection of the wetlands. Requests for private water use facilities would not be considered.

Table 4-103. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Loudon, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	72
Stream Mile and Bank	TRM 583.0R
Land Use/Land Cover	Forested wetland and bottomland forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 104 – (7.2 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one contiguous tract of land located on the right descending shoreline of Hines Creek and is immediately adjacent to Hines Valley Road. Most of the parcel is a reverted old field with the predominant vegetation being Virginia pine and mixed deciduous forest with a heavy privet understory. The remainder of the parcel consists of narrow riparian zone that receives limited public use. The parcel is accessible by public roadway (Hall Road). The parcel

has been surveyed and 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	Loudon, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	72
Stream Mile and Bank	TRM 583.0R
Land Use/Land Cover	Riparian areas and mixed deciduous forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 105 – (1.8 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one contiguous tract of land located in the Hines Creek embayment that was re-conveyed from TWRA several years ago. Parcel 105 includes an informal boat-launching ramp where Old Kingston Road crosses Hines Creek. This boat-launching ramp receives regular use by fishermen with small watercrafts. The parcel has riparian trees species including willow, oak, sycamore, red maple, and sweetgum. The parcel is accessible by public roadway (Old Kingston Road). The parcel has been surveyed and there is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-105. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Loudon, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	72
Stream Mile and Bank	TRM 583.0R
Land Use/Land Cover	Riparian trees
Known Dispersed Recreation Opportunities	Bank fishing
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 106 – (11.7 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one contiguous tract of land situated in the back of a small embayment where Cave Creek enters the reservoir. Parcel 106 is bordered along its upstream portion by Lake-A-Wana Subdivision and along its downstream portion by a TWRA public use/access area (Parcel 12-70). Additionally, part of this parcel lies immediately adjacent to Dogwood Valley Road. The parcel is relatively flat with various aspects and the dominant forest cover being comprised of oaks, eastern red cedar, sycamore, green ash, and river birch. The riparian condition of the habitats present on the property is considered fair to good with river alder well established in some places. The presence of invasive nonnative vegetation is medium with sericea lespedeza, privet, and reed canary grass along the shoreline being the most common. The parcel is accessible by public roadway (Dogwood Valley Road), and it receives public use in the form of bank fishing. The parcel has been surveyed and there is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-106. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	72
Stream Mile and Bank	TRM 582.3R
Land Use/Land Cover	Riparian habitat and streamside buffer
Known Dispersed Recreation Opportunities	Bank fishing
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 107 – (19.7 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two narrow, noncontiguous tracts of land located on the right bank of the main channel of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Dogwood Shores Subdivision. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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 4-107. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	69 and 70
Stream Mile and Bank	TRMs 579.9 to 582.3R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-412
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 108 – (21.9 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is two noncontiguous tracts of land along the right descending shoreline of the Tennessee River at upper Wright Bend. The parcel is separated by the northern tract of Parcel 107. The most downstream portion of this parcel is moderately sloped located on an east-facing aspect. The dominant species include oaks, hickories, sweetgum, black locust, green ash, sycamore, and scattered basswood. The presence of invasive nonnative plants is low in this area with mimosa being the most common. This parcel is utilized by a wide variety of upland, riparian, and wetland wildlife species with osprey roosting and foraging being very common. The upstream portion of the parcel is relatively flat with a predominantly southeast aspect. Common forest species along this linear, narrow parcel include oaks, green ash, sycamore, black cherry, silver maple, black walnut, red mulberry, river birch, and black willow in the lowest, wettest sites. The riparian habitat condition and age structure of this segment of the parcel are good with river alder well established in many places along with silky dogwood, trumpet vine, and water willow present in the shallow reservoir fringe. The presence of invasive nonnative plants is generally low on this segment with some reed canary grass in emergent wetland fringe areas. This parcel segment provides excellent wetland wildlife habitat for such species as great blue heron, green and black-crowned night-herons, osprey, and prothonotary warblers in addition to numerous mammal, amphibian, and reptile species. The adjoining land of the northern tract is rural woodland and the southern tract is adjacent to a portion of Dogwood Shores Subdivision. This parcel is not accessible by public roadway. The parcel has been surveyed and there is a low

probability for the presence of cultural resources. Requests for private water use facilities on this parcel would not be considered.

Table 4-108. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	69 and 72
Stream Mile and Bank	TRMs 580.6 to 580.9 and 581.4 to 582.2R
Land Use/Land Cover	Riparian forest habitat and fringe wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 109 – (10.0 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one narrow, contiguous tract of land on the right bank of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Marble Bluff Subdivision. Landward access to the parcel is limited and the parcel is surrounded by residential property. Wetlands are located on portions of this parcel, which may affect what activities and developments can be permitted on this property. The parcel has been surveyed and there is a high probability for the presence of cultural resources. Potential impacts to wetlands, cultural resources or other sensitive resources and any mitigation resulting from potential development of TVA public land would be evaluated during a site-specific environmental review for that request. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-109. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	53, 68, 69, and 70
Stream Mile and Bank	TRMs 577.2 to 578.7R
Land Use/Land Cover	Shoreland with wetlands, scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-411
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 110 – (1.4 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is one contiguous tract of land located on the right bank of the Tennessee River, and Parcel 12-66, a TWRA public access area, lies between the parcel and the reservoir. The parcel is encumbered with a road ROW along Little Dogwood Road. The land cover is deciduous forest along the mowed ROW adjacent to the road. The parcel is accessible by public roadway (Little Dogwood Road). The parcel has been surveyed and there is a low probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	68 and 69
Stream Mile and Bank	TRM 577.2R
Land Use/Land Cover	Deciduous forest with adjacent mowed ROW
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	Permanent easement to Roane County for road ROW

Parcel 111 – (15.1 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one contiguous tract of land located on the right bank of the main channel of the Tennessee River, including the Wolf Creek slough. The parcel fronts former TVA property with shoreline access rights that is mostly undeveloped with some rural residential use. Landward access to the parcel is limited and the parcel is surrounded by private property. Wetlands are located on portions of this parcel, which may affect what activities and developments can be permitted on this property. The parcel has been surveyed and there is a medium probability for the presence of cultural resources. Potential impacts to wetlands, cultural resources or other sensitive resources and any mitigation resulting from potential development of TVA public land would be evaluated during a site-specific environmental review for that request. Water use

facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-111. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	53 and 68
Stream Mile and Bank	TRMs 576.0 to 577.1R
Land Use/Land Cover	Shoreland with scattered trees and wetlands
Fronts Former TVA Tract(s)	XWBR-409 and XWBR-410
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 112 – (25.8 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of land located on the right bank of the main channel of the Tennessee River and covers a long, linear stretch of reservoir, including a slough. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use, and is adjacent to Zone 1 (Non-TVA Shoreland) areas with flowage easement rights (WBR-928F). Landward access to the parcel is limited and the parcel is surrounded by residential property. Wetlands are located on a portion of this parcel, which may affect what activities and developments can be permitted on this property. The parcel has been surveyed and there is a medium probability for the presence of cultural resources. Potential impacts to wetlands, cultural resources or other sensitive resources and any mitigation resulting from potential development of TVA public land would be evaluated during a site-specific environmental review for that request. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-112. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	54
Stream Mile and Bank	TRMs 572.0 to 573.9R
Land Use/Land Cover	Shoreland with wetlands, scattered trees, and shrubs and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-405, XWBR-406, XWBR-407, XWBR-408, and XWBR-516
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approved water use facilities • Land use permit to TWRA for hunting regulation

Parcel 113 – (5.5 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one contiguous tract of land located on the right bank of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Sylvan Shores Subdivision. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and there is a low 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 4-113. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	48
Stream Mile and Bank	TRMs 571.6 to 571.9R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-404
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approved water use facilities • Land use permit to TWRA for hunting regulation

Parcel 114 – (4.0 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located at the mouth of the Smith Creek embayment on the right bank of the Tennessee River. The parcel is under a commercial recreation license agreement to Long Island Marina. The backlying property is former TVA property (XWBR-403) that was sold pursuant to Section 31 of the TVA Act, and the northern portion of this backlying property is part of Long Island Marina; the southern portion is undeveloped. The marina facilities include boat slips, ships store, fuel station, concrete boat-launching ramp, and paved parking areas. The undeveloped portion of the parcel consists of mixed deciduous forest with oak, hickory, maple, beech, birch, and black locust. The parcel is accessible by public road (Paint Rock Ferry Road). The parcel has been surveyed and 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 4-114. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D–Stage Map Numbers	48
Stream Mile and Bank	TRM 571.5R
Land Use/Land Cover	Developed/open space and shoreland with riparian trees, mowed vegetation, and deciduous forest
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Commercial recreation license to Long Island Marina for marina • Section 26a permit for marina structures and harbor limits

Parcel 115 – (11.1 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one contiguous tract of land located on the left descending bank of Smith Creek. The upper reaches of the Smith Creek embayment located on this parcel has very shallow water. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Drinnen Subdivision and portions of Edgewater Estates. The land cover is comprised of shoreline with scattered trees, shrubs, and maintained vegetation. Landward access to the parcel is limited and the parcel is surrounded by residential

property. The parcel has been surveyed and there is a low 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 4-115. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	48
Stream Mile and Bank	TRM 571.5R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-400, XWBR-401, and XWBR-402
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 116 – (7.5 acres)

Land Use Allocation: Zone 6, Developed Recreation

The parcel is one contiguous tract of land located at the head of the Smith Creek embayment. The property is under a commercial recreation license and is operated as part of Lakeside Golf Course which is on the private backlying property. Landward access to the parcel is limited and the parcel is surrounded by the golf course to the east and residential property to the west. The parcel has been surveyed and 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 4-116. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	48
Stream Mile and Bank	TRM 571.5R
Land Use/Land Cover	Shoreline with developed/open space, and scattered trees, shrubs, and maintained vegetation
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • License to Lakeside Golf Course for commercial recreation • Section 26a permits to Lakeside Golf Course for associated structures

Parcel 117 – (27.7 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one long, narrow, contiguous tract of land that is primarily located on Smith Creek and the upper reaches of the Smith Creek embayment have very shallow water. Parcel 117 fronts Andrea’s Place, Kingston Subdivision, and Crestwood Estates, a TVA-developed subdivision. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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 4-117. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW
TVA D-Stage Map Numbers	37 and 48
Stream Mile and Bank	TRMs 570.5 to 571.5R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-397, XWBR-398, XWBR-399, XWBR-495, XWBR-496, XWBR-497, XWBR-513, and XWBR-554
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approved water use facilities • Land use permit to TWRA for hunting regulation

Parcel 118 – (25.2 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one long, narrow, contiguous tract of land located on the right bank of the Tennessee River. The upstream slough of this parcel is Martin Branch, and the downstream slough is Smith Branch. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including the Green Acres, Lawson Farm, and Villages of Center Farm subdivisions. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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 4-118. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	37
Stream Mile and Bank	TRMs 569.6 to 570.6R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-394, XWBR-395, XWBR-396, and XWBR-397
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approved water use facilities • Land use permit to TWRA for hunting regulation

Parcel 119 – (8.4 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one narrow, contiguous tract of land located on the right bank of the main channel of the Tennessee River (see Panel 2). The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including the Sequoyah Shores and L.E. Banker Property subdivisions. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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 4-119. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	37
Stream Mile and Bank	TRMs 568.5 to 569.3R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-391, XWBR-392, and XWBR-393
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 120 – (18.8 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is two noncontiguous tracts of land located on the right bank of the Tennessee River where it meets the Clinch River. The aspect is steep and it eventually levels off to overlook the river. The downstream portion of this parcel is classified as a navigation safety landing. Another portion of the parcel is used as a TWRA maintenance base for the Watts Bar Lake Wildlife Management Area.

The northern tract is mostly forested and it fronts Fort Southwest Point, a federal outpost constructed in 1797 that was used as a major point of interaction for the Cherokee and the U.S. government as well as a way station for early migrants travelling between Knoxville and Nashville. The parcel also fronts a portion of Southwest Point Park, and there is a popular walking trail that winds along the bluff above the shoreline. There is also a wastewater treatment plant and a TWRA maintenance base on the southern portion of the parcel. The parcel is accessible by public roadway (South Kentucky Street). The parcel has been surveyed and there is a high probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	37
Stream Mile and Bank	TRM 568.5R
Land Use/Land Cover	Mixture of open developed areas and shoreland with scattered trees and herbaceous vegetation
Known Dispersed Recreation Opportunities	Walking trail use
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Navigation safety landing • Land use and Section 26a permits to TWRA for maintenance base and water use facilities • Section 26a permits to the City of Kingston for water intake structures • Easements to the City of Kingston for water pipeline and wastewater treatment facility • Easement to TDOT for roadway and bridge • Section 26a permit to TDOT for roadway bridge

Parcel 121 – (17.1 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is five noncontiguous tracts of land situated on or near the shoreline close to the confluence of the Tennessee and Clinch Rivers. Parcel 121 is currently under public recreation land use agreements to the City of Kingston for public recreation areas including Southwest Point Park, 58 Landing, Betty Brown Memorial Walking Trail, and Kingston City Park. On the southern-most tract located on a bluff overlooking where the Clinch and Tennessee Rivers meet is Southwest Point Park. Southwest Point Park is also adjacent to Fort Southwest Point, the only pioneer-era fort reconstructed on its original site in the state. Southwest Point Park facilities include covered picnic pavilions and a sports complex with a soccer field and track. Next is the Betty Brown Memorial Walking Trail, a 3-mile waterfront pedestrian trail from Southwest Point Park to Kingston City Park. About halfway between Southwest Point Park and Kingston City Park is 58 Landing. The 58 Landing facilities include a two-lane concrete boat-launching ramp, courtesy dock, and parking area. The remaining tracts between Clinch River miles 1 and 2 support Kingston City Park. Park facilities include two playgrounds, sports courts, picnic tables and a picnic pavilion, restrooms, two boat-launching ramps with courtesy docks, parking areas, rental boat slips, and a popular developed greenway trail. The parcel is accessible by public roadway [South Kentucky Street (SR-58) and West Race Street (US-70/SR-1)]. The parcel has

been surveyed and 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 4-121. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE and 123-NE
TVA D-Stage Map Numbers	37,38, and 47
Stream Mile and Bank	TRM 568R and CRMs 0.0 to 1.8L
Land Use/Land Cover	Developed/low intensity with some bluff areas and scattered trees, shrubs, and mowed vegetation
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Land use agreements to the City of Kingston for public recreation • Section 26a permits to the City of Kingston for water use facilities and park structures

Parcel 122 – (16.6 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is one contiguous tract of land located on the main channel of the Clinch River that contains TVA's Kingston Pumping Station. The Kingston Pumping Station is a TVA flood control project and levee that are part of US-70 (West Race Street). Parcel 122 is adjacent to Roane County High School and portions of this parcel are under license to the Roane County Department of Education for the operation and maintenance of a parking area and athletic ball field. The land cover in this area is scattered trees and shrubs with mowed areas. The parcel is accessible by public roadway (US-70/West Race Street). The parcel has been surveyed and there is a low probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE and 123-NE
TVA D-Stage Map Numbers	47
Stream Mile and Bank	CRM 1.0L
Land Use/Land Cover	Developed/open space and maintained vegetation with scattered trees and shrubs
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • License to Roane County Department of Education for parking area and ball fields • Permanent easement to State of Tennessee for road ROW • Permanent easements to City of Kingston for pumping station • Section 26a permit to City of Kingston for drainage ditch stabilization

Parcel 123 – (19.6 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of land located on the left bank of the Clinch River (see Panel 4). The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including the Lakeshore Homes, Lakewood Heights, Lakewood Landing, Sevier, and Woodhaven subdivisions. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and there is a low 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 4-123. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D–Stage Map Numbers	38 and 47
Stream Mile and Bank	CRMs 2.0 to 3.8L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-476, XWBR-477, XWBR-478, and XWBR-526 to XWBR-547
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 124 – (16.5 acres)

Land Use Allocation: Zone 7, Access Shoreline

This parcel is one contiguous tract of land on the left bank of the Clinch River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Moorefield Estates and River Oaks Subdivision. Additionally, Parcel 112 is adjacent to Zone 1 (Non-TVA Shoreland) areas with flowage easement rights (WBR-923F). The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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 4-124. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D–Stage Map Numbers	47
Stream Mile and Bank	CRMs 3.7 to 4.5L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-479, XWBR-480, XWBR-481, XWBR-482, and XWBR-620
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 125 – (1.9 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the left bank of the Clinch River. TVA has issued a permanent easement to the City of Kingston for public recreation purposes on this parcel, and this area is known as Ladd Landing Park. Facilities on this parcel include three concrete boat-launching ramps with a courtesy pier, fishing pier, paved parking area, picnic shelters, picnic tables, and restrooms. TVA has used Parcel 125 as a demonstration site to educate stakeholders on different methods of bank stabilization, and the parcel is accessible by public roadway (Centers Ferry Road). The parcel has been surveyed and it 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 4-125. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D–Stage Map Numbers	47
Stream Mile and Bank	CRM 4.5L
Land Use/Land Cover	Developed/low intensity and shoreland with maintained vegetation
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easement to the City of Kingston for public recreation • Section 26a permits to the City of Kingston for water use facilities and storm water drain

Parcel 126 – (4.2 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one contiguous tract of land located just upstream of the confluence of the Clinch and Emory Rivers. The parcel is moderately steep with a north to north-eastern aspect and surrounds a shallow cove with the predominant forest cover being comprised of tulip poplar, Virginia pine, red and white oaks, sourwood, silver maple, sugar maple, redbud, and elm. There are some scattered alder stands along the shoreline and a very small emergent wetland area in the back of the cove with jewel weed. The overall riparian habitat condition on this parcel is rated as being fair to good. This relatively small parcel provides somewhat limited habitat for a

variety of wildlife species, and the shoreline is eroding in some places; however, exposed mud banks on portions of the shoreline support active belted kingfisher nesting cavities.

The parcel is divided by the Centers Ferry Bridge on Sugar Grove Road and abuts the City of Kingston’s Ladd Landing Recreation Area on the downstream end. Likewise, the land immediately surrounding most of this parcel is part of Ladd Landing Subdivision. The parcel has been surveyed and there is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-126. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	47
Stream Mile and Bank	CRM 4.6L
Land Use/Land Cover	Deciduous forest and fringe wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 127a – (1.9 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is one contiguous tract of land situated on the left bank of the Clinch River, and it serves as a navigation safety landing. This small parcel is comprised of a steep wooded slope with limestone outcrops and a portion of the parcel fronts Ladd Landing Subdivision. Landward access to the parcel is limited and the parcel is surrounded by residential property. This parcel has not been surveyed for cultural resources. Requests for private water use facilities would not be considered.

Table 4-127a. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	47
Stream Mile and Bank	CRM 4.6L
Land Use/Land Cover	Shoreland with scattered trees and shrubs
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	Navigation safety landing

Parcel 127 – (11.4 acres)

Land Use Allocation: Zone 7, Shoreline Access

This long, narrow parcel is one contiguous tract of land located on the left bank of the Clinch River and consists of primarily bluff-like features. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including the Ladd Landing Subdivision. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas, and a portion of this parcel surrounds a slough and is less steep than other areas on the parcel. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and there is a low 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 4-127. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	47 and 55
Stream Mile and Bank	CRMs 4.7 to 6.4L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-483 and XWBR-484
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 128 – (25.4 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of land located on the left bank of the Clinch River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including the Merriwater Home Park, Maple Lake, Riverbend Estates, and Youngs Creek subdivisions. Additionally, Parcel 128 is adjacent to Zone 1 (Non-TVA Shoreland) areas with flowage easement rights (WBR-1010F). Landward access to the parcel is limited and the parcel is surrounded by residential property. Wetlands are located on a portion of this parcel, which may affect what activities and developments can be permitted on this property. This parcel will be managed in a manner that enhances the protection of wetland habitat present on the property. Potential impacts to wetlands or other sensitive resources and any mitigation resulting from potential development of TVA public land would be evaluated during a site-specific environmental review for that request. The parcel has been surveyed and there is a low 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 4-128. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	46 and 55
Stream Mile and Bank	CRMs 6.5 to 8.0L
Land Use/Land Cover	Shoreland with wetlands, scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-485, XWBR-487 and XWBR-488
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 129 – (24.2 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one contiguous tract of land located along the right descending shoreline of Young Creek and extends upstream on the left bank of the Clinch River. The parcel has various aspects and slopes with the majority of the tract being relatively steep. The forest cover on Parcel 129 varies in age from early successional to older stands with the principal species being white and red oaks, shortleaf and Virginia pine, eastern red cedar, eastern hop hornbeam,

hornbeam, tulip poplar, and American beech in the cove situations. The understory habitat conditions are generally good with scattered limestone outcrops being relatively common. The presence of invasive plants on this parcel is medium and scattered with Japanese honeysuckle and mimosa being the most common. This parcel provides habitat for a wide variety of common wildlife species.

Unauthorized vegetation clearing has occurred on this parcel, and there is a maintained road bed on a portion of the tract as well as an old seawall. The parcel is also crossed by a transmission line ROW. The majority of the public use is from backlying landowners who frequent a cleared area used for informal camping and other day use activities on a regular basis. Adjacent land use is primarily rural residential with Young’s Creek Subdivision situated across the embayment from the property. In an effort to mitigate unauthorized land uses, TVA issued a permit to an adjoining property owner in 1983 to post “no hunting” signs on a portion of the parcel (RLR 57471). Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and there is a low probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	46 and 55
Stream Mile and Bank	CRMs 6.5 to 7.0L
Land Use/Land Cover	Mixed deciduous forest and scattered limestone outcrops
Known Dispersed Recreation Opportunities	Dispersed camping
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	<ul style="list-style-type: none"> • Section 26a permit for transmission line ROW • Section 26a permit for signage

Parcel 130 – (60.3 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is two noncontiguous tracts of land separated by a navigation safety landing on Parcel 131. The downstream tract is a relatively flat, north-northeastern facing area that was formerly licensed for agricultural use for the planting of hay crops. The area is characterized by

a thin riparian-forested edge with open, reverting land behind it, some of which has seen unauthorized uses including grazing, mowing for hay, and the establishment of an off-road vehicle trail. The adjacent private property has been used for a horse pasture. Common shoreline tree species include sycamore, silver maple, green ash, and scattered eastern red cedar. This shoreline area is shallow and it also supports fringe wetlands with alder, black willow, silky dogwood, elderberry, trumpet vine, and various sedges, rushes, and grasses. There is a medium amount of invasive nonnative plant species including multi-flora rose and privet on this tract, and the adjacent land use is primarily agricultural with widely scattered rural residential areas. Typical riparian and successional habitat wildlife species utilizing this area include great blue, green and black-crowned night-herons, belted kingfisher, orchard oriole, blue-gray gnatcatcher, indigo bunting, yellow-breasted chat, and field sparrows.

The upstream tract of this parcel is a relatively large area that abuts the Johnson Creek embayment and a small portion of the Clinch River shoreline. The portion on the main channel is primarily flat and was formerly licensed for agricultural hay production, and part of this area is the site of a long-standing unauthorized use by an adjacent landowner. This upstream portion of the parcel around Johnson Creek varies in aspect and slope and supports a good mixed pine and deciduous forest. Riparian habitat conditions on this upstream tract are rated as good with scattered small wetland fringe areas. A utility easement has been issued across a portion of this parcel on the eastern-most side to provide water to the adjacent Rarity Ridge Subdivision. This utility corridor is being maintained as an informal trail for use by residents of the adjacent subdivision for the purpose of day hiking and wildlife observation. The parcel also receives some use by white-tailed deer and gray squirrel hunters. The eastern tract is accessible by public road (Jaybird Road), and landward access is limited to the western tract because it is surrounded by residential property. The parcel has been surveyed and there is a high probability for the presence of cultural resources. Request for private water use facilities would not be considered.

Table 4-130. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D–Stage Map Numbers	55 and 56
Stream Mile and Bank	CRMs 7.9 to 8.6 and 8.9 to 9.3L
Land Use/Land Cover	Mixed pine and deciduous forest and shoreline fringe wetlands
Known Dispersed Recreation Opportunities	Hiking, wildlife observation, dispersed camping, and hunting
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Easement to Rarity Ridge Subdivision for water line

Parcel 131 – (4.4 acres)

Land Use Allocation: Zone 2, Project Operations

This steep parcel is one contiguous tract of land located on the left bank of the Clinch River that serves as a navigation safety landing for barge traffic. The land cover is steep shoreland with upland mixed pine and deciduous forest. There is no landward access to the parcel because it is surrounded by undeveloped private property. The parcel has been surveyed and there is a low probability for the presence of cultural resources. 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	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D–Stage Map Numbers	56
Stream Mile and Bank	CRM 8.7L
Land Use/Land Cover	Steep shoreland with mixed upland forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Navigation safety landing • Section 26a permit for electric utility line

Parcel 132 – (4.9 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is a single island known as Brashear Island. The island lies along the left descending shoreline of the Clinch River adjacent to The Preserve at Clinch River Subdivision (former Rarity Ridge Subdivision). This low-lying, flat island is dominated by temporarily flooded forest species such as sycamore, green ash, silver maple, sugarberry, and ironwood. Shoreline wetland fringe vegetation present on the island includes lead bush, alder, silky dogwood, and trumpet vine. There is a medium to high amount of invasive plants with privet being the most common. The island receives use by numerous wildlife species including beaver, heron, double-crested cormorant, osprey, numerous resident and migratory songbirds, and a variety of amphibians and reptiles. The island also provides nesting habitat for prothonotary warblers—a species of increased interest throughout the southeast. Parcel 132 is only accessible by watercraft and does not appear to receive much public use. There is a high probability for cultural resources on this parcel, and there are known cultural resources on the parcel. The parcel will be managed to enhance the protection of wetland and riparian habitats, and cultural resources. Requests for private water use facilities would not be considered.

Table 4-132. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	56
Stream Mile and Bank	CRM 9.7L
Land Use/Land Cover	Forested and fringe wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 133 – (15.7 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of land surrounding the Roberts Branch embayment. The parcel is on TVA acquired property (WBR-1146 and WBR-1147), and it fronts private property that has been developed for residential use including the Chestnut Hills and Cove View Estates subdivisions. Additionally, Parcel 133 is adjacent to Zone 1 (Non-TVA Shoreland) areas

with flowage easement rights (WBR-1172F, WBR-1173F, WBR-1174F, and WBR-1175F). The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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.

Table 4-133. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	61
Stream Mile and Bank	CRM 14.5
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	Acquired Tracts WBR-1146 and WBR-1147
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 134 – (62.1 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one long, linear contiguous tract situated along the left descending shoreline of the Clinch River and around the Poplar Springs Creek embayment. A county road (Speers Road) borders this parcel with rural residential and farmland adjacent. The area gets limited public use as there are no public roadways adjacent to the parcel. There are a variety of habitat types and conditions on this parcel. The largest segment is a palustrine forested, temporarily flooded wetland in the upper end of the Poplar Springs Creek embayment. Dominant forest species include red and white oaks, sycamore, green ash, sugarberry, red maple, sweetgum, yellow and red buckeye, and eastern red cedar on the higher ground. The understory conditions are generally good with hornbeam, spicebush, serviceberry, and silky dogwood scattered about and river cane along the immediate stream banks. The presence of invasive plants is high in places with privet, Japanese honeysuckle, and multi-flora rose being the most common. Between the forested area and the reservoir embayment is a scrub-shrub emergent wetland with buttonbush, silky dogwood, soft rush, woolgrass, yellow iris, arrowhead, and several other sedges, rushes, and grasses present.

The most downstream segment of this parcel ranges from relatively flat to moderately steep with an east-northeast aspect. Green ash, black walnut, persimmon, black cherry, red maple, and eastern red cedar are common overstory species on this segment with good alder and silky dogwood thickets along some shoreline sections. Much of this riparian zone appears to have been grazed by livestock in the fairly recent past. Some of the shoreline is eroding, especially in areas where cattle have been accessing the river. The most upstream segment of this parcel is a steep east-southeast facing bluff area. The mature forested area is comprised of white and red oaks, green ash, hackberry, American beech, yellow buckeye, sugar maple, and other typical cove type species. This parcel has a medium probability for the presence of cultural resources, but it has not been surveyed. Existing previously approved water use facilities would be allowed to remain; however, requests for new private water use facilities or expansions to existing private water use facilities would not be considered.

Table 4-134. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW and 130-NE
TVA D-Stage Map Numbers	61 and 62
Stream Mile and Bank	CRMs 14.6 to 17.0L
Land Use/Land Cover	Bottomland and mixed deciduous forest with scattered wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Permanent easement to Roane County for road ROW

Parcel 135 – (6.2 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one contiguous tract of land located on Caney Creek and it fronts property that has been developed for residential use. Wetlands are located on a portion of this parcel, which may affect what activities and developments can be permitted on this property. Potential impacts to wetlands or other sensitive resources and any mitigation resulting from potential development of TVA public land would be evaluated during a site-specific environmental review for that request. Landward access to the parcel is limited and the parcel is surrounded by residential property. This parcel has a low probability for the presence of cultural resources, but

it has not been surveyed. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-135. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW,130-NW,130-NE, and 130-SE
TVA D–Stage Map Numbers	62
Stream Mile and Bank	CRM 17.0 – Caney Creek embayment
Land Use/Land Cover	Shoreland with wetlands, scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	Acquisition Tract WBR-1289
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 136 – (11.8 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located in the Caney Creek embayment on the left bank of the Clinch River. The parcel is under a commercial recreation license for the maintenance and establishment of the Soaring Eagle Campground, and it is accessible by public roadway (Campground Road). Campground facilities on Parcel 136 include primitive group and individual campsites with a picnic table and fire pit, a small launching ramp for paddleboards, canoes, and kayaks, dock and fishing pier, and parking area. This parcel has 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 4-136. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW,130-NW,130-NE, and 130-SE
TVA D–Stage Map Numbers	62
Stream Mile and Bank	CRM 17.0L – Caney Creek embayment
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • License to Soaring Eagle Campground for commercial recreation • Section 26a permit for campground structures

Parcel 137a – (2.6 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is one contiguous narrow tract of land along the left bank of the Clinch River, and it serves as a navigation safety landing. The parcel is one of six parcels on the Clinch River Site, and it accessible by a Clinch River Site access road. The parcel is comprised of a forested riparian zone made up of sycamore, green ash, and various oak species. This parcel has a high probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-137a. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW and 130-NE
TVA D–Stage Map Numbers	61
Stream Mile and Bank	CRMs 17.0 to 20.8L
Land Use/Land Cover	Shoreland with scattered trees and shrubs
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	Navigation safety landing

Parcel 137 – (80.7 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is six noncontiguous tracts of land that contain a variety of aspects, slopes, and habitat types along the nearly 4 miles of shoreline on the left bank of the Clinch River, including the Pawpaw and Caney Creek embayments. The parcel adjoins rural residential and agricultural hay crop land and provides habitat for a variety of wildlife species. There are several unauthorized uses on this parcel including grazing, vegetation mowing and clearing, establishment of small private water use facilities, and small garden plots. Much of the shoreline along this parcel includes mowed areas and fescue sod cover that is eroding. However, some of these eroding banks are being used for nesting by rough-winged swallows and belted kingfishers. There are also some scattered shoreline fringe wetlands in shallower portions. Wildlife use on this parcel is typified by species that utilize narrow riparian zone and early successional habitats. An upland section of this parcel from near the mouth of Caney Creek and

upstream supports a population of the state-listed plant species spreading-false foxglove (*Aureolaria patula*). Portions of this parcel are accessible by public roadway (Buttermilk Road W., Pawnook Farm Road and Upper Jones Road). This parcel has been surveyed, there is a high probability for cultural resources on this parcel, and there are known cultural resources on the parcel. This parcel will be managed to enhance the protection of these sensitive resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-SW, 130-NW, 130-NE, and 130-SE
TVA D–Stage Map Numbers	61, 62, and 63
Stream Mile and Bank	CRMs 17.0 to 20.8L
Land Use/Land Cover	Bottomland and mixed deciduous forest with fringe wetlands
Known Dispersed Recreation Opportunities	Dispersed camping
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easement to East Tennessee Natural Gas for pipeline • Permanent easement to Roane County for road ROW • Permanent easement to TDOT for road ROW

Parcel 138 – (5.0 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is comprised of an island area known as Grubb Island and is located on the Clinch River. The island has low-lying bottomland forested wetland sites that provide ideal habitat for numerous wetland wildlife species including wading birds, beaver, muskrat, raccoon, various frogs, and reptiles. These habitats are particularly important for several neo-tropical migratory bird species, especially the prothonotary warbler—a species of growing concern in the southeast. Trees on the island can provide nesting substrate for great blue, green and black-crowned night-herons. Shoreline erosion is a concern on portions of the island. This parcel is only accessible by watercraft. This parcel has a high probability for the presence of cultural resources, but it has not been surveyed. This parcel will be managed to enhance the protection of sensitive resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW and 130-NE
TVA D–Stage Map Numbers	61
Stream Mile and Bank	CRM 18.5B
Land Use/Land Cover	Bottomland forest and wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 139 – (18.6 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is two noncontiguous tracts of land in the Pawpaw Creek embayment, and it features wetlands comprised of forested, scrub-shrub, and emergent wetland habitat types juxtaposed with an adjacent upland area. The forested wetland area is comprised of typical species including red maple, sweetgum, sycamore, green ash, and river birch, and the understory is dominated by hornbeam in several locations with woodland aster and other facultative wetland species in the mix. Most of this forested wetland is seasonally flooded with vernal-type pools scattered about. Wetland supporting hydrology is from a high water table in combination with overbank flooding from the nearby Pawpaw Creek and Melton Hill tail waters. The part of the parcel near the back of the embayment is dominated by scrub-shrub and emergent wetlands. Common plant species in this area include buttonbush, alder, cattails, woolgrass, soft rush, and numerous other sedge, rush, and grass species. These wetland habitats provide numerous water quality protection and enhancement functions and values in addition to being quality wildlife habitat. This parcel will be managed in a manner to enhance the protection of these wetland resources. There is no direct road access to the parcel. This parcel has a low probability for the presence of cultural resources, but it has not been surveyed. Requests for private water use facilities would not be considered.

Table 4-139. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NE
TVA D-Stage Map Numbers	63
Stream Mile and Bank	CRM 19.3L
Land Use/Land Cover	Bottomland forest and wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 140 – (6.4 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one contiguous tract of land located at the mouth of Pawpaw Creek on the left bank of the Clinch River. The predominant backlying land use along this parcel is rural woodland. The dominant forest cover is comprised of oaks, eastern red cedar, sycamore, green ash, and river birch. The riparian condition of the habitats present on the property is considered fair to good with river alder well established in some places. The presence of invasive nonnative vegetation is medium to high in some places with privet and reed canary grass along the shoreline being the most common. The remainder of the parcel consists of narrow riparian zone that receives limited public use. There is no direct road access to the parcel. There is a high probability for cultural resources on this parcel, and there are known cultural resources on the parcel. The parcel will be managed in a manner to enhance the protection of these sensitive resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NE
TVA D-Stage Map Numbers	63
Stream Mile and Bank	CRM 19.3L
Land Use/Land Cover	Shoreline with mixed deciduous forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 141 – (63.3 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is comprised of a single island, Jones Island, which is sometimes referred to as Blue Springs Island—a hardwood tree research area established by TVA’s former Forestry Department in the 1960s. TVA no longer conducts research on this plantation and, through a partnership effort, has provided all the planting and early research records to the University of Tennessee’s Department of Forestry for use in their hardwood research programs. The mixture of planted hardwoods in combination with other natural regeneration and riparian zones on this property provides excellent habitat for numerous wildlife species. The island receives substantial use by white-tailed deer hunters in the fall and winter seasons. The parcel is only accessible by watercraft. The parcel has a high probability for the presence of cultural resources, and there are known cultural resources on the parcel. TVA has stabilized a portion of shoreline to prevent the erosion of sensitive archaeological sites. The parcel will be managed in a manner to enhance the protection of these sensitive resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NE
TVA D-Stage Map Numbers	63
Stream Mile and Bank	CRM 20.5B
Land Use/Land Cover	Deciduous forest and riparian habitat
Known Dispersed Recreation Opportunities	Hunting
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 142 – (302.5 acres)

Land Use Allocation: Zone 2, Project Operations

This large contiguous parcel is on the right bank of the Clinch River and is a part of the Clinch River Site. The parcel abuts U.S. Department of Energy property to the east and lies south of a 500-kV transmission line. TVA has designated this parcel, along with Parcels 143, 144a, 145, and 148, for Project Operations to support TVA's plans to consider the site for a potential advanced technology power generation facility on the Clinch River Site. Further, if TVA were to

pursue development of an advanced technology power generation facility on Watts Bar Reservoir, some or all of these parcels would likely be re-classified as power plant property and would no longer be classified as “planned” reservoir land.

The parcel is accessible by an unpaved road that was originally a patrol road for the Manhattan Project and is now known as River Road. There are wetlands and some archeological sites on this parcel, and this area is of particular importance to both resident and migratory birds. This parcel has been surveyed and there are known cultural resources present within the parcel. Potential impacts to wetlands or other sensitive resources and any mitigation resulting from the potential development of a TVA power generation facility would be evaluated during a site-specific environmental review for that project and would include a public review period and opportunity for comment. Requests for private water use facilities would not be considered.

Table 4-142. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW and 130-NE
TVA D-Stage Map Numbers	61 and 63
Stream Mile and Bank	CRMs 17.5 to 18.9R
Land Use/Land Cover	Forested floodplain and wetlands
Known Dispersed Recreation Opportunities	Hunting
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 143 – (181.6 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is one contiguous tract of land on the right bank of the Clinch River. The parcel lies north of Parcel 142 at the 500-kV transmission line corridor, abuts U.S. Department of Energy property on the east. TVA has designated this parcel, along with Parcels 142, 144a, 145 and 148 for Project Operations to support TVA's plans to consider the Clinch River Site for a potential advanced technology power generation facility. Further, if TVA were to pursue development of an advanced technology power generation facility on Watts Bar Reservoir, these parcels would likely be re-classified as power plant property and would no longer be classified as “planned” reservoir land.

This parcel largely comprises the Chestnut Ridge portion of the Clinch River Site and is adjacent to the Grassy Creek HPA (Parcel 146). There are various aspect and slope conditions located on this parcel with the predominant forest cover being comprised of mature upland deciduous forest with some mixed pine components. This parcel has been surveyed and there is a high probability for the presence of cultural resources, however no cultural resources were found during surveys. Potential impacts to wetlands or other sensitive resources and any mitigation resulting from the potential development of a TVA power generation facility would be evaluated during a site-specific environmental review for that project and would include a public review period and opportunity for comment. Requests for private water use facilities would not be considered.

Table 4-143. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW and 130-NE
TVA D-Stage Map Numbers	61
Stream Mile and Bank	CRMs 17.5 to 18.9R
Land Use/Land Cover	Upland deciduous forest, mixed pine forest, bottomland forest, and wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 144a – (172.3 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is two noncontiguous tracts of shoreland on the right bank of the Clinch River. The parcel encompasses the riparian zone between Jones Island Road and the site access road of the Clinch River Site. TVA has designated this parcel, along with Parcels 142, 143, 145, and 148, for Project Operations to support TVA's plans to set aside the parcel for a potential advanced technology power generation facility. Further, if TVA were to pursue development of an advanced technology power generation facility on Watts Bar Reservoir, these parcels would likely be re-classified as power plant property and would no longer be classified as "planned" reservoir land.

The inland boundary of this parcel is largely bordered by an unpaved road that was originally a patrol road for the Manhattan Project and is now known as River Road. This parcel includes

several archaeological sites, scattered wetland areas, and a large wetland habitat located on the northwest side of the parcel near the site entrance and is managed to periodically monitor these existing, sensitive resources. This parcel has been surveyed and there are known cultural resources within this parcel. Potential impacts to wetlands or other sensitive resources and any mitigation resulting from the potential development of a TVA power generation facility would be evaluated during a site-specific environmental review for that project and would include a public review period and opportunity for comment. Requests for private water use facilities would not be considered.

Table 4-144a. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW and 130-NE
TVA D-Stage Map Numbers	61
Stream Mile and Bank	CRMs 16.4 to 17.5R
Land Use/Land Cover	Mixed deciduous forest with areas of bottomlands and wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Section 26a permit for fill and roadway

Parcel 145 – (265.8 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is one contiguous tract of land on the right bank of the Clinch River and is on the Clinch River Site. TVA has designated this parcel, along with Parcels 142, 143, 144a, and 148, for Project Operations to support TVA's plans to consider the Clinch River Site for a potential advanced technology power generation facility. Further, if TVA were to pursue development of a power generation facility on Watts Bar Reservoir, these parcels would likely be re-classified as power plant property and would no longer be classified as “planned” reservoir land.

The parcel is bordered on the east side by a 161-kV transmission line, and is crossed by a 500-kV transmission line. It also includes a portion of the main access road to the Clinch River Site. The parcel is accessible by an unpaved road that was originally a patrol road for the Manhattan Project and is now known as River Road. There are various aspect and slope conditions on this parcel with the predominant forest cover being upland deciduous forest with some mixed pine. This parcel has been surveyed and there is a high probability for the presence of cultural

resources, but no cultural resources were found during the survey. Potential impacts to wetlands or other sensitive resources and any mitigation resulting from the potential development of a TVA power generation facility would be evaluated during a site-specific environmental review and would include a public review period and opportunity for comment. Requests for private water use facilities would not be considered.

Table 4-145. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW and 130-NE
TVA D–Stage Map Numbers	61 and 62
Stream Mile and Bank	CRMs 1.3 to 16.4R
Land Use/Land Cover	Mixed upland deciduous forest, floodplains, and wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 146 – (265.5 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is one contiguous tract of land on the right descending bank of the Clinch River. The parcel is designated as Grassy Creek HPA and it provides habitat for the state-listed plant species Appalachian bugbane (*Actaea rubifolia*) and shining ladies'-tresses (*Spiranthes lucida*), both of which are present on this parcel. The majority of the sensitive habitat on this parcel is on a northwest aspect at a 50 to 60 percent slope with alluvial woods and moist slopes. Soils are very shallow on this property with numerous rock outcrops evident. Common over and understory plants on this site include chestnut oak, northern red oak, white oak, hickories, American beech, yellow buckeye, magnolias, pawpaw, spicebush, cohosh, may apple, squaw root, wild ginger, Christmas fern, phlox, trillium, and foam flower. This parcel is adjacent to but is not a part of the Clinch River Site. The northern portion of the parcel borders Grassy Creek and is adjacent to the Duratek Corporation. The southern portion of the parcel is a buffer area for the sensitive habitats and supports large saw timber forest stands dominated by upland oaks and hickories.

This parcel provides habitat for a variety of resident and migratory wildlife species and is utilized by white-tailed deer and wild turkey. Of additional significance on this parcel are the upland

deciduous forest ridge top stands that are used by a different guild of neo-tropical birds including such species as wood thrush, red-eyed vireos, scarlet and summer tanagers, ovenbird, hooded warbler, and black-throated green warblers. Furthermore, two caves have been identified on or near this parcel, which would provide suitable habitat for a variety of bat species. The parcel has been surveyed and it has a high probability for the presence of cultural resources, however no cultural resources were found during the survey of this parcel. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW and 130-NE
TVA D-Stage Map Numbers	61
Stream Mile and Bank	TRM 14.8R
Land Use/Land Cover	Upland forest and limestone outcrops
Known Dispersed Recreation Opportunities	None known
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 147 – (54.2 acres)

Land Use Allocation: Zone 5, Industrial

This parcel is two noncontiguous tracts of land on the right bank of the Clinch River. The parcel is within the Clinch River Industrial Park along Bear Creek Road and is considered suitable for industrial use. Most of the parcel is under multiple easements to the City of Oak Ridge; two easements are for industrial purposes, one easement is for wastewater system facilities, and one easement is for a roadway. Both tracts have buildings and parking areas and the backlying portions of the parcel are undeveloped and wooded with mixed deciduous forest and bottomland forest and wetlands near Grassy Creek. The southwestern portion of the parcel is adjacent to the Grassy Creek embayment, and the parcel is accessible by public roadway (Bear Creek Road). The parcel has been surveyed and it has a high probability for the presence of cultural resources. Requests for use of TVA lands to support industrial purposes would be considered.

Table 4-147. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW and 130-NE
TVA D-Stage Map Numbers	61
Stream Mile and Bank	CRM 14.4R
Land Use/Land Cover	Developed/open space and areas with mixed deciduous forest, bottomland forest and wetlands
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Easements to the City of Oak Ridge for industrial purposes • Easement to the City of Oak Ridge for wastewater system facilities • Easement to the City of Oak Ridge for a roadway

Parcel 148 – (10.5 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is one contiguous tract of land along the right bank of the Clinch River in the Clinch River Industrial Park and is part of the Clinch River Site. TVA has designated this parcel, along with Parcels 142, 143, 144a, and 145, as Project Operations to support TVA's plans to consider the Clinch River Site for a potential advanced technology power generation facility. Further, if TVA were to pursue development of power generation facility on Watts Bar Reservoir, these parcels would likely be re-classified as power plant property and would no longer be classified as planned reservoir land.

Parcel 148 includes the site entrance to the Clinch River Site and a culvert over the Grassy Creek embayment. There are several easements to the City of Oak Ridge that cross the parcel. There are various aspect and slope conditions on this parcel with the predominant forest cover. The parcel has been surveyed and there is a high probability for the presence of cultural resources, however the surveys did not find any cultural resources. Potential impacts to sensitive resources and any mitigation resulting from the prospective development of a TVA power generation facility would be evaluated during a site-specific environmental review for that project and would include a public review period and opportunity for comment. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	61
Stream Mile and Bank	CRM 14.4
Land Use/Land Cover	Mixed upland deciduous forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	<ul style="list-style-type: none"> • Easements to the City of Oak Ridge for industrial purposes • Easement to the City of Oak Ridge for wastewater system facilities • Easement to the City of Oak Ridge for a roadway • Section 26a permit to City of Oak Ridge for outfall • Section 26a permit to International Technology Corporation for outfall

Parcel 149 – (13.3 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This linear parcel is two noncontiguous tracts of land that lie along the right bank of the Clinch River and along both sides of the Brashear Creek embayment. Most of the area is comprised of deciduous forest and scattered pines, primarily located on a gentle slope. There is also a small forested and scrub-shrub wetland in the upper end of the creek embayment. The parcel has a dispersed camping area on the peninsula at the mouth of Brashear Creek. Portions of the parcel are accessible by public roadway (Brashears Road). The parcel has been surveyed and there is a high probability for the presence of cultural resources. Furthermore, this parcel contains known cultural resources and will be managed in a manner to enhance the protection of these resources as well as the existing wetlands located in the upper end of the creek embayment. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	56
Stream Mile and Bank	CRMs 9.3 to 10.0R
Land Use/Land Cover	Deciduous forest, scattered pines, and wetlands
Known Dispersed Recreation Opportunities	Dispersed camping
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Section 26a permit for a marine railway • Permanent easement to Roane County for road ROW

Parcel 150 – (7.4 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of shoreline on the right bank of the Clinch River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including the Cedarlake Retreat and Holiday Shores subdivisions. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property, but portions of the parcel are accessible by public roadway (Brashears Road). The parcel has been surveyed and it has 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.

Table 4-150. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	46 and 56
Stream Mile and Bank	CRMs 7.6 to 9.2 and 9.9R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-474 and XWBR-475
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 151 – (16.6 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is three noncontiguous tracts of land with one tract located on the right bank of the Clinch River and the other two tracts are located on the left bank of the Emory River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including the Doris View, Holiday Shores, and Holiday Shores Resort subdivisions. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and it has 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 4-151. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	39, 46, 47, and 55
Stream Mile and Bank	CRMs 4.5 to 7.7R and ERM 0.5 to 0.8L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-472, XWBR-473, and XWBR-474
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 152a – (2.2 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one narrow, contiguous, and relatively steep riparian strip of land located on the left descending bank of the Emory River. The land cover is a combination of scattered riparian trees and shrubs and open shoreland. This parcel fronts residential property and unauthorized vegetation clearing has occurred on some portions of the parcel. Landward access to the parcel is limited. The parcel has been surveyed and there is a low probability for the presence of cultural resources. Additionally, private water use facilities were approved on this parcel prior to the 1988 Watts Bar RLMP. Existing previously approved water use facilities would be allowed to remain; however, requests for new private water use facilities or expansions to existing private water use facilities would not be considered.

Table 4-152a. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	47
Stream Mile and Bank	ERMs 0.2 to 0.3L
Land Use/Land Cover	Shoreland with scattered trees, shrubs and herbaceous vegetation
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Approved water use facilities

Parcel 152 – (4.2 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is one contiguous tract of land on the left descending bank of the Emory River and is designated as the Sugar Grove HPA. HPAs are established to protect populations of listed species. A transmission line ROW crosses this parcel. This area is an upland forest with limestone outcrops and it provides habitat for populations of the state-listed plants spreading-false foxglove (*Aureolaria patula*) and mountain honeysuckle (*Lonicera dioica*). Landward access to the parcel is limited. The parcel fronts residential property and private water use facilities were approved on this parcel prior to the 1988 Watts Bar RLMP. Existing previously approved water use facilities would be allowed to remain; however, requests for new private water use facilities or expansions to existing private water use facilities would not be considered.

Table 4-152. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	47
Stream Mile and Bank	ERM 0.0 to 0.3L
Land Use/Land Cover	Upland forest and limestone outcrops
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 153a – (40.6 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is a long, contiguous tract of shoreland along the left bank of the Emory River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including the Emory Pointe, Gunters Field, JC Kile, Kile Simpson Farm, and Pirate Cove subdivisions. This parcel was affected by the 2008 coal ash release and was one of nine parcels excluded from the 2009 RLMP. TVA acquired the private backlying property after the coal ash release as part of the ash recovery project and later decided that returning these properties to their pre-release state of residential use would be in the best interest of the local community. Thus, in 2015, TVA declared the backlying property surplus, and the land was returned to private ownership for residential use. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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 4-153a. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	45 and 46
Stream Mile and Bank	ERMs 0.8 to 3.9L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-469, XWBR-470, and XWBR-471
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 154 – (31.1 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of land on the left bank of the Emory River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including the Tri-County Sportsman Subdivision. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been

surveyed and 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 4-154. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D–Stage Map Numbers	45
Stream Mile and Bank	ERMs 4.0 to 4.5L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-466, XWBR-467, and XWBR-468
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 155 – (10.4 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This relatively flat parcel is one contiguous tract of land located in the upper end of the Kings Creek embayment and is bisected by Dickey Valley Road. The portion of this parcel that is situated above the road is primarily comprised of old field/pasture that adjoins the backlying private land. A small part of the parcel segment located above the road lies adjacent to a small backwater slough and is characterized by typical bottomland and riparian tree species. The portion of this parcel that is located below the road is predominantly bottomland forest with green ash, sycamore, sweetgum, and a few scattered pines being the dominant species. The understory is in good condition overall with the invasive nonnative species privet present. The area provides good habitat for a variety of wildlife species including wood ducks and other wetland and riparian species and appears to receive little public use with a user-created corridor to the water’s edge present on which some bank fishing is occurring. This parcel is accessible by public roadway (Dickey Valley Road). The parcel has been surveyed and there is a low probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	45
Stream Mile and Bank	ERM 4.0L
Land Use/Land Cover	Bottomland forest and old field/pasture
Known Dispersed Recreation Opportunities	Bank fishing
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Permanent easement to Roane County for road ROW

Parcel 156 – (15.2 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one contiguous tract that is along the left bank of both the Emory River and the Little Emory River. The Emory River portion of this parcel is one relatively narrow, steep, and contiguous tract of land that is generally situated on a west aspect and a multi-line transmission line ROW bisects this portion of the parcel. The Little Emory River portion of this parcel is also relatively steep but has a north-northwest aspect; this area supports a mesic habitat with species such as eastern hemlock, American beech, and sugar maple. Some parts of this section lie adjacent to an old railroad grade. In addition, backlying land use on most of this parcel is rural woodland and the parcel is at the southwest terminus of Pine Ridge. Public use of this parcel is minimal as landward access is very limited. The parcel has been surveyed and there is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-156. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	44 and 45
Stream Mile and Bank	ERMs 4.7 to 5.1L and Little ERMs 0.0 to 0.3L
Land Use/Land Cover	Steep riparian area with mixed pine and upland deciduous forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 157 – (27.0 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is three noncontiguous tracts of land located along the left bank of the Little Emory River, fronting. Two of the tracts are upstream of the Clax Gap Bridge, while the third tract is located downstream of the bridge. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Lancer Subdivision. A portion of this parcel was previously a retained tract, allocated for open space and visual management. Further, Parcel 157 is adjacent to Zone 1 (Non-TVA Shoreland) areas with flowage easement rights (XWBR-1204F, XWBR-1205F, XWBR-1206F, and XWBR-1208F).

Wetlands are located on this parcel, which may affect what activities and developments can be permitted on this property. Potential impacts to wetlands or other sensitive resources and any mitigation resulting from potential development of TVA public land would be evaluated during a site-specific environmental review for that request. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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 4-157. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	44 and 45
Stream Mile and Bank	Little ERMs 0.5 to 3.0L
Land Use/Land Cover	Wetlands and shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-461, XWBR-462, XWBR-463, and XWBR-464
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 158 – (22.5 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is comprised of two noncontiguous tracts of land on the left bank of the Little Emory River. The most downstream tract is a narrow, steep northwest aspect area that is dominated by northern cove forest type vegetation including eastern hemlock, white pine, sugar maple, American beech, and red and white oaks. The understory has rhododendron and mountain laurel along with alder and rusty blackhaw viburnum growing along the shoreline. The land adjacent to this tract is under rural residential use.

The tract that surrounds the cove is a low-lying, bottomland area with sycamore, red maple, elm, and river birch. There is also alder and silky dogwood along this shallow shoreline area. Wetlands are located on a portion of this parcel, which may affect what activities and developments can be permitted on this property. This area had a former cattle grazing encroachment that has been remedied through placement of a fence, thus allowing the riparian zone to recover. The backlying land use near the shoreline is scattered rural residential and other backlying land is owned by Coal Creek Mining Company. The most upstream segment of this tract is mostly gently sloping riparian habitat with sycamore, sweetgum, red maple, river birch, and black willow with alder, silky dogwood, water willow, sumac, and trumpet vine being the dominant species on the immediate shoreline. The presence of invasive nonnative plant species is moderately high on this segment with mimosa and sericea lespedeza being the most common. This tract is also the site of an old water pump station, which is now receiving use for dispersed recreation with evidence of boat-launching and informal camp sites. There are several other informal use areas scattered around this segment, most of which are being used

for bank fishing. Wildlife use of this parcel is typical for narrow riparian zones on Watts Bar Reservoir and includes a diverse mix of resident and migratory bird species, large and small mammals, and numerous amphibians and reptiles. This parcel is accessible by public roadway (Old Elverton Road and Harriman Highway/SR-61). The parcel has been surveyed and there is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-158. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	44
Stream Mile and Bank	Little ERMs 2.0 to 3.0L
Land Use/Land Cover	Riparian habitat with mixed pine and deciduous forest and wetlands
Known Dispersed Recreation Opportunities	Dispersed camping and bank fishing
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easement to Roane County for road ROW • Permanent easement to Cumberland Utility District for pipeline • Term easement to East Tennessee Natural Gas for pipeline

Parcel 159 – (5.7 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is comprised of a narrow L-shaped strip on the left bank of the Little Emory River and six small islands in shallow waters. There are wetlands on the islands that are mostly young forested, scrub-shrub, and emergent wetland types. Forest and shrub species found on this parcel include black willow, green ash, river birch, sycamore, and alder, silky dogwood, buttonbush, and leadbush. Emergent wetland species present on the property include cattails, woolgrass, soft rush, water willow, and a variety of other sedge, rush, and grass species. These island wetlands provide numerous recognized wetland functions; however, habitat for wetland wildlife species is probably the most significant one. The landward portion of the parcel is accessible by public roadway (Harriman Highway/SR-61). The parcel has been surveyed and there is a high probability for the presence of cultural resources. This parcel will be managed in

a manner to enhance the protection of these sensitive resources. Requests for private water use facilities would not be considered.

Table 4-159. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	44
Stream Mile and Bank	Little ERM 3.1L
Land Use/Land Cover	Wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 160 – (14.8 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one contiguous tract of land located on the right bank of the Little Emory River. The parcel was previously a retained tract on which TVA made an exception to consider private water use facilities. Wetlands are present along a major portion of this parcel. Wetlands are located on a portion of this parcel, which may affect what activities and developments can be permitted on this property. Potential impacts to wetlands or other sensitive resources and any mitigation resulting from potential development of TVA public land would be evaluated during a site-specific environmental review for that request. The parcel has been surveyed and there is a low 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 4-160. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	43 and 44
Stream Mile and Bank	Little ERM 4.0R
Land Use/Land Cover	Wetlands and shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	Retained WBR-1126, WBR-1137, and WBR-1138
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 161 – (22.7 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This narrow, linear parcel is four noncontiguous tracts of land that lie along a shallow reach of the Little Emory River, running both up and downstream from the US-27/SR-29 Bridge and adjacent to Harriman Highway/SR-61. A natural gas pipeline crosses the lower end of the parcel, and the majority of the right shoreline upstream of the bridge is being mowed by the adjacent landowner. The intact portions of the parcel are primarily comprised of bottomland riparian forest with river birch, sycamore, green ash, and elm being the most common species present on the property. There is also some scattered eastern hemlock stands on the higher grounds of the parcel located downstream of the bridge crossing. Some kudzu is encroaching into the riparian zone on the upstream side of the parcel. The land cover is a combination of bottomland forest, shoreline fringe wetland, riparian forest, and reverting open land habitats. This parcel provides important habitat for a variety of common wildlife species, however, it is probably most important to riparian habitat oriented resident and migratory songbirds. This parcel is accessible by public roadway (Harriman Highway/SR-61 and US-27/SR-29). The parcel has been surveyed and there is a low probability for the presence of cultural resources. Requests for private water use facilities would be considered.

Table 4-161. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	43 and 44
Stream Mile and Bank	Little ERMs 3.8 to 4.1B
Land Use/Land Cover	Bottomland forest and fringe wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easement to Roane County for road ROW • Permanent easement to Cumberland Utility District for pipeline • Permanent easement to Cumberland Utility District for road ROW • Term easement to East Tennessee Natural Gas for pipeline

Parcel 162 – (10.2 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of land located on the Little Emory River downstream of Harriman Highway/SR-61 Bridge. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and there is a low 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 4-162. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	43 and 44
Stream Mile and Bank	Little ERMs 2.0 to 3.5R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-456, XWBR-457, and XWBR-458
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 163 – (6.0 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one contiguous tract of land on the right bank of the Little Emory River separated from the reservoir by Webster Pike, which adjoins Parcel 12-48. The parcel is flat to moderately sloped and ranges from a small bottomland area adjacent to an unnamed tributary to a more typical mixed pine and deciduous upland forest. This small parcel does provide some limited habitat for a variety of wildlife species with the bottomland portion being the most significant habitat. Red-shouldered hawks, as well as other more common resident and migratory bird species, were observed in this portion of the parcel. The parcel has been surveyed and 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	44
Stream Mile and Bank	Little ERM 1.5R
Land Use/Land Cover	Bottomland forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Permanent easement to Roane County for road ROW

Parcel 164 – (9.9 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of land located on the Little Emory River downstream of Harriman Highway/SR-61 Bridge. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Anchor Resort Subdivision. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and there is a low 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 4-164. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	44
Stream Mile and Bank	Little ERM 1.5R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-455
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 165 – (47.9 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is two noncontiguous tracts of land separated into sections that lie along the banks of both the Emory River and the Little Emory River and is comprised of four distinct habitat types. The uppermost segment, which is situated on the Little Emory River, starts in the vicinity of the Anchor Resort Subdivision and continues downstream and fronts Meadow Gate Farm Subdivision. Approximately 90 percent of this portion has unauthorized mowing by backlying landowners, but there are also scattered trees along the shoreline. The area receives use by wildlife species that prefer more open, field-like, successional habitats such as resident Canadian geese, bluebirds, and eastern kingbirds.

The next tract lies near the mouth of the Little Emory River and is the site of a former agricultural license for hay production and cattle grazing. This flat, peninsular area is reverting to early successional plant species following the cancellation of the license and removal of the cattle. These reverting areas are important to some neo-tropical migratory birds such as prairie warbler, yellow-breasted chat, and common yellowthroat. The shallow embayment area between the peninsula and the mainland supports high quality fringe scrub-shrub and emergent wetlands that provide habitat for a variety of wetland wildlife species. There is also evidence of some unauthorized off-road vehicle use and vegetation mowing encroachments on a portion of this peninsula as well as a dispersed camping site. The adjoining land use is primarily rural residential.

The next segment of this parcel is located on the main channel of the Emory River along the left shoreline and is moderately sloped to steep in some places with a west-northwest aspect. Some portions of this segment are very rocky and glade-like and are dominated by eastern red cedar, while other areas support oak, ash, and sycamore tree stands. There is a medium amount of invasive nonnative plant species present on this segment of the parcel including mimosa and sericea lespedeza. There are also grandfathered private water use facilities permitted on this shoreline; however, some of the adjacent mowing and vegetation clearing actions are unauthorized. Wildlife habitat along this segment is considered to be fair, and the majority of the backlying land use is rural residential.

The most upstream segment of this parcel lies along the Emory River and along the shoreline of a small, unnamed tributary embayment. Most of this segment is comprised of low-lying,

bottomland-type areas with the dominant tree species being black willow, sycamore, willow oak, and red and silver maple fronted by shoreline fringe wetlands with leadbush, silky dogwood, and water willow present on the segment. Some of the area is recovering from previous cattle grazing use, and the presence of invasive nonnative plants is generally low on this segment. Habitat conditions on this segment are considered excellent for numerous wetland and upland wildlife species. Much of the land adjoining this segment is currently in agricultural use. Landward access to the parcel is limited and the parcel is surrounded by residential property; however, the western-most portion of the parcel is accessible by Old Suddath Road. This parcel has a medium probability for the presence of cultural resources and the parcel has been surveyed. Existing previously approved water use facilities would be allowed to remain; however, requests for new private water use facilities or expansions to existing private water use facilities would not be considered.

Table 4-165. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	44 and 45
Stream Mile and Bank	ERMs 5.1 to 6.0L and Little ERMs 0.0 to 1.0L
Land Use/Land Cover	Early successional, steep rocky glade, bottomland forest, and fringe wetland habitat
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Approved water use facilities

Parcel 166 – (79.2 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is two noncontiguous tracts along the left descending shoreline of the Emory River and is allocated for Sensitive Resource Management for the protection of the valuable wetlands present on the parcel. A short segment of this parcel near ERM 7.0 is a bluff-type area with more northern cove-type plant species that are not typical of wetland habitats and is an uncommon habitat type. The wetlands on this parcel range from mature palustrine forested to scrub-shrub and emergent wetland types. Dominant forest species on this parcel include red maple, river birch, black willow, willow oak, sugarberry, and hornbeam with common shrub

species being river alder and immature black willow. Emergent species include a variety of sedges, grasses, rushes, and other herbaceous wetland plants.

Emory River floodplain zone wetlands are characterized by having sandy soil types with the primary wetland hydrology being overbank flooding. These wetlands perform numerous functions and provide significant values for the Emory River watershed with the provision of quality wildlife habitat being one of the highest. While these wetlands provide habitat for many common wildlife species such as white-tailed deer, wild turkey, wood ducks, herons, and osprey, they are extremely important to raptors such as the red-shouldered hawk and to several neo-tropical migratory birds such as yellow warbler, northern parula, prothonotary warbler, and yellow-billed cuckoo. These floodplain wetland depressions also provide habitat for migratory waterfowl species during the fall and winter months, especially in areas where mature willow oaks are bearing acorns. The northern-most portion of the parcel is accessible by public roadway (Webster Road). This parcel has been surveyed and it has a high probability for the presence of cultural resources. The parcel will be managed in a manner to enhance the protection of the wetlands found on portions of the parcel. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D-Stage Map Numbers	40, 44, and 45
Stream Mile and Bank	ERMs 6.0 to 9.2L
Land Use/Land Cover	Wetlands, bottomland forest, and bluff-like areas
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 167 – (11.6 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is three noncontiguous tracts of land located along the left bank of the Emory River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Hidden Acres Subdivision and rural residential areas. Portions of this parcel are adjacent to Zone 1 (Non-TVA Shoreland) areas with flowage easement rights (WBR-

1185F, WBR-1189F, and WBR-1190F). The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property, however the southern-most tract is adjacent to Webster Road. The parcel has been surveyed and there is a low 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 4-167. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D-Stage Map Numbers	40 and 44
Stream Mile and Bank	ERMs 7.2 to 7.5L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-452, XWBR-453, XWBR-555, and XWBR-567
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 168 – (45.7 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is three noncontiguous tracts of land located along the left bank of the Emory River. The largest part of this parcel lies south of Webster Road on a peninsular area that was formerly part of the old settlement of Little Emory. Two old railroad grade embankments cross this portion of the parcel, and the bulk of this peninsular area is under an existing agricultural license for hay production. The other portions of this parcel are located on the north side of Webster Road, lying adjacent to two unnamed tributary embayments. These segments are situated adjacent to rural residential development, and some sizable areas are being mowed by adjoining landowners.

The majority of this parcel is comprised of open land dominated by Kentucky fescue grass and other nonnative and native forbs. There is a narrow riparian zone around the open lands adjoining the reservoir that is dominated by eastern red cedar in most places with some scattered larger elms, green ash, and sycamore tree stands. These narrow zones with fencerows also support a heavy infestation of the nonnative shrub species privet. Most of the wildlife species utilizing this area are more oriented toward open land and semi-disturbed

habitats such as resident Canadian geese, eastern bluebird, eastern meadowlark, northern cardinal, Carolina wren, and eastern kingbird as well as mammals such as red and gray fox, striped skunk, and white-tailed deer.

The peninsular portion of this parcel does have resource management potential primarily by means of converting the existing fescue dominated hayfields to native warm season grass cover. This effort would most likely be achieved through a cooperative agricultural license agreement and possible cooperation with TWRA and/or Quail Unlimited. The parcel has been surveyed and it has a medium probability for the presence of cultural resources. Requests for private water use facilities would not considered.

Table 4-168. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D-Stage Map Numbers	40 and 44
Stream Mile and Bank	ERM 7.5L
Land Use/Land Cover	Scattered trees, shrubs, and maintained vegetation
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	License for hay production

Parcel 169 – (16.4 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This tract is one contiguous tract of land located in the back of a shallow embayment along the left bank of the Emory River. It is a significant wetland area and features a small upland buffer situated near the head of an unnamed tributary stream near Harriman Highway (US-27/SR-29) and across from Hidden Acres Subdivision. The wetlands on this parcel are similar in vegetation cover as Parcel 166 and range from mature palustrine forested to scrub-shrub and emergent wetland types. Dominant forest species on this parcel include red maple, river birch, black willow, willow oak, sugarberry, and hornbeam with common shrub species being river alder and immature black willow. Emergent species include a variety of sedges, grasses, rushes, and other herbaceous wetland plants. However, soils in this area are not sandy and exhibit more definitive hydric soil indicators such as reducing conditions and gleyed or low-chroma colors. This wetland is juxtaposed with shallow water and mud flat habitats that enhance its value to

wildlife. Functions and values of these particular habitats are, likewise, similar to those described on Parcel 166. This small bottomland wetland area provides habitat for various wildlife species as well as some water quality protection functions. This parcel will be managed in a manner to enhance the protection of wetlands, and the parcel is accessible by public roadway (Tanglewood Road). The parcel has been surveyed and it has a medium 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D-Stage Map Numbers	44
Stream Mile and Bank	ERM 7.5L
Land Use/Land Cover	Bottomland woodland and wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	Permanent easement to East Tennessee Natural Gas for pipeline

Parcel 170 – (6.0 acres)

Land Use Allocation: Zone 5, Industrial

This parcel is one narrow, contiguous tract of land that begins at the mouth of Bullard Branch and continues along the main channel of the Emory River. The parcel is adjacent to a former paper plant and it was previously used for a barge terminal. This parcel would be suitable for future industrial or barge terminal development. Further, the parcel is adjacent to three areas with flowage easement rights (WBR-1261F, WBR-1262F, and WBR-1263F). There is no direct road access to this parcel. The parcel has a medium probability for the presence of cultural resources, and cultural resource considerations that may be present on this parcel could affect to what extent development would be permitted. Requests for use of TVA lands and associated water-based structures to support industrial purposes would be considered.

Table 4-170. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D-Stage Map Numbers	40
Stream Mile and Bank	ERMs 9.2 to 10.0L
Land Use/Land Cover	Shoreland with scattered trees and shrubs
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 171 – (4.8 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is one contiguous tract of land that is comprised of wetlands and is located just downstream from where Bullard Branch enters the Emory River. These wetlands are very similar in type, present vegetation, and wildlife use to those described on Parcel 166 with a large slough connected to the reservoir bisecting the area. The wetlands lie between a narrow portion of Parcel 170 and the reservoir and range from mature palustrine forested to scrub-shrub and emergent wetland types. Dominant forest species on this parcel include red maple, river birch, black willow, willow oak, sugarberry, and hornbeam with common shrub species being river alder and immature black willow. Emergent wetland species include a variety of sedges, grasses, rushes, and other herbaceous wetland plants. This parcel will be managed in an effort to enhance the protection of wetlands present on the property. There is no direct road access to the parcel. The parcel has been surveyed and it has a high probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D-Stage Map Numbers	40
Stream Mile and Bank	ERM 9.9L
Land Use/Land Cover	Wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 172 – (26.9 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is five noncontiguous tracts of land on the Emory River in the Harriman area. The most downstream segment is within the city limits of Harriman in the Walnut Hill community, lies along both shorelines of the Bullard Branch embayment, and is situated adjacent to Old Roane Street and Harriman Highway (US-27/SR-61). This narrow segment is also located immediately adjacent to residential and commercial development and is highly disturbed and/or encroached upon by these land uses. Much of this area also has the nonnative invasive shrub privet, and trash dumping on some of the area has been a long-term problem, diminishing the overall habitat value of the parcel. The middle segment of this parcel is a very small shoreline strip that lies between an existing railroad track and the reservoir. It provides limited habitat value due to its small size and the adjacent land uses. The most upstream parcel segment is a linear riparian zone located between existing railroad tracks and the reservoir shoreline in the Harriman Junction community. Most of this parcel is relatively flat with a well-forested shoreline comprised of typical riparian species, however kudzu is encroaching onto the most upstream portion of this segment. There is a moderately sized informal use and fishing access area on the upstream end of the parcel segment. Multiple adjacent roadways provide landward access. The parcel has been surveyed, there is a high probability for cultural resources on this parcel, and there are known cultural resources on the parcel. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D-Stage Map Numbers	40 and 41
Stream Mile and Bank	ERMs 10.0, 11.0, and 13.8L
Land Use/Land Cover	Scattered trees, shrubs, and riparian vegetation
Known Dispersed Recreation Opportunities	Bank fishing
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	<ul style="list-style-type: none"> • Term easement to American Kraft Mills of Tennessee for gas pipeline • Permanent easement to Roane County for road ROW • Permanent easement to Southern Bell Telephone for telecommunications

Parcel 173 – (9.8 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is one contiguous tract of land comprised of wetlands and is located along both banks and in the upper end of Bullard Branch within the Harriman city limits. The driving hydrology for this wetland complex is a beaver dam in a large culvert where Bullard Branch crosses under old Roane Street. Beaver dams have been in place off and on since the late 1980s, and as the beaver population grew, the number of dams in the drainage area increased. Each new beaver dam enhanced the wetland hydrology of the area, resulting in the development of a wetland complex of various types and ages. TVA contracted with the U.S. Department of Agriculture Wildlife Services group to remove a number of beavers from the area to reduce flooding risks at the site.

This wetland, which has a substantial amount of standing dead trees with numerous cavities, also provides very important habitat for woodpeckers and other cavity-nesting species such as wood ducks and prothonotary warblers as well as all other wetland wildlife known in the area. The parcel is surrounded by residential development and is accessible by public roadway (Morning Drive). TVA plans to continue to monitor and manage beaver populations and wetlands in this area in order to enhance the protection of these resources. The parcel has been surveyed and there is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-173. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D-Stage Map Numbers	41
Stream Mile and Bank	ERM 10.0L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 174 – (3.2 acres)

Land Use Allocation: Zone 5, Industrial

This parcel is one contiguous tract of land that is on the left bank of the Emory River and it is adjacent to railroad tracks. Portions of the parcel are crossed by utility easements for two pipelines and a sewer line and there are access roads on the parcel. The downstream portion was once used for a barge terminal and may be suitable for a future barge terminal. This parcel is on the property between the railroad tracks and the reservoir. There are mowed areas on the parcel and the shoreline is comprised of a forested riparian zone made up of sycamore, green ash, and various oak species on this parcel. The parcel is accessible by public roadway (Clinton Street). The parcel has been surveyed and there is a low probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support industrial purposes would be considered.

Table 174. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D–Stage Map Numbers	41-3
Stream Mile and Bank	ERM 10.8L
Land Use/Land Cover	Shoreline with scattered trees and shrubs and mowed vegetation
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	<ul style="list-style-type: none"> • Easements to the City of Harriman for sewer line and pipelines • Section 26a permits to Harriman Utility Board for utility lines

Parcel 175 – (23.3 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is two noncontiguous tracts of land on the Emory River that surround Barnett Branch and run parallel with North Roane Street and the adjacent railroad tracks. A portion of the parcel is licensed to the City of Harriman for public recreation and there is a public boat-launching ramp and fishing pier located at ERM 10.6L. This parcel is bisected by railroad tracks, and the dominant species on the strip of property between the railroad and the reservoir include willow, oak, sycamore, red maple, sweetgum, mixed pine, and elm. There is a moderate amount of nonnative invasive plant species including sericea lespedeza and privet. The parcel is

accessible by public roadway (North Roane Street). The parcel has been surveyed and 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 4-175. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D-Stage Map Numbers	40
Stream Mile and Bank	ERMs 10.2 to 10.6L
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • License to City of Harriman for public recreation for pipeline • Section 26a permit to City of Harriman for utilities • Permanent easement to City of Rockwood for sewer line • Permanent easement to City of Harriman for roadway • Permanent easement to Southern Railway Co. for railroad ROW

Parcel 176 – (1.8 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is one contiguous tract of land located on the Emory River. The land cover is a combination of scattered riparian trees, shrubs and open areas, and there are multiple utility easements on the parcel. The parcel is allocated as Sensitive Resource Management to enhance the protection of known cultural and archaeological resources on the parcel. There is no direct public road access to the parcel. The parcel has been surveyed, there is a high probability for cultural resources on this parcel, and there are known cultural resources on the parcel. Requests for private water use facilities would not be considered.

Table 4-176. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D–Stage Map Numbers	41-3
Stream Mile and Bank	ERM 10.6L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and herbaceous vegetation
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easement to Southern Bell for telecommunications • Permanent easement to City of Harriman for sewer line • Term easement to American Kraft Mills for pipeline

Parcel 177 – (6.4 acres)

Land Use Allocation: Zone 2, Project Operations

This narrow and steep shoreline parcel is one contiguous tract of land located on the left bank of the Emory River. The parcel is encumbered with an easement for a railroad ROW and there is an approved Section 26a permit for utilities. This parcel is on the strip of property between the railroad and the reservoir and it is comprised of sycamore, green ash, and various oak species. The parcel has been surveyed and there is a low probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D–Stage Map Numbers	41
Stream Mile and Bank	ERM 14.0L
Land Use/Land Cover	Mixed deciduous forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Easement to Pacific Railway Company for railroad ROW • Section 26a permit to Harriman Utilities for utility lines

Parcel 178 – (1.8 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This small parcel is one contiguous tract of land that lies between Riggs Chapel Road and the right bank of the Emory River. There is a narrow band of forested riparian zone made up of sycamore, green ash, and various oak species on this parcel, and the backlying portion of the parcel appears to be maintained as an open field by adjoining landowners. Thus, the site provides very limited habitat for a small number of wildlife species. The parcel is accessible by public roadway (Riggs Chapel Road). The parcel has been surveyed and there is a high probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D–Stage Map Numbers	41
Stream Mile and Bank	ERM 12.8R
Land Use/Land Cover	Scattered trees, shrubs, and mowed vegetation
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Section 26a permit for underground utilities

Parcel 179 – (53.8 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This long, linear parcel is three noncontiguous tracts of land on the right bank of the Emory River and the tract segments exhibit different habitat types and site characteristics. The most downstream tract of this parcel is near ERM 11.0 and has a steep, rock outcrop habitat with a generally north-facing aspect with mesic tree species cover including northern red oak, sugar maple, basswood, white pine, magnolias, buckeyes, and scattered chinkapin oak. The understory condition along this shoreline is very good with the common species present being Virginia sweetspire, St. John’s wort, and hydrangea. The presence of invasive nonnative plants is low with scattered mimosa and sericea lespedeza. The other two tracts have a bottomland habitat with sycamore, oaks, elm, river birch, hackberry, sourwood, black gum, green ash, and silky dogwood along the more shallow sites. The understory conditions are generally good with

a diverse variety of native plant species, and the presence of invasive plants is relatively low. This habitat is utilized by a wide variety of wildlife species; it is probably most important overall as habitat for several neo-tropical migrant bird species and other resident bird species that utilize riparian habitats. There are a few minor unauthorized vegetation clearings and mowing encroachments along some shoreline areas, but wildlife utilization of this segment remains typical for that described for other low-lying riparian zones on the reservoir. The downstream portion of the parcel is accessible by public roadway (Bullard Ford Road). The parcel has been surveyed and there is a medium probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE and 130-NW
TVA D-Stage Map Numbers	40
Stream Mile and Bank	ERMs 6.6R to 11.2R
Land Use/Land Cover	Bottomland forest and rocky north-facing bluff
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easement to the City of Harriman for roadway • Permanent easements to the City of Harriman for sewer line

Parcel 180 – (11.4 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is three noncontiguous tracts of land located on the right bank of the Emory River. Parcel 180 consists primarily of low-lying farmland. The parcel is allocated as Sensitive Resource Management to enhance the protection of known cultural and archaeological resources on the parcel. The land cover is a combination of scattered riparian trees and shrubs and there are some mowed areas. Landward access to the parcel is limited and much of the parcel is surrounded by residential property. The parcel has been surveyed and there is a high probability for cultural resources. Requests for private water use facilities would not be considered.

Table 4-180. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D-Stage Map Numbers	40
Stream Mile and Bank	ERMs 9.6R to 10.5R
Land Use/Land Cover	Shoreland with scattered trees and shrubs, and mowed areas
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 181a – (3.5 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is two noncontiguous tracts of land located on the right bank of the Emory River. The parcel is allocated as Sensitive Resource Management to enhance the protection of a known state-listed plant on the parcel. At approximately ERMs 6.5 to 6.3R and 8.7 to 8.9R, the landscape transitions to a rocky bluff with a north aspect and the state-listed northern white cedar (*Thuja occidentalis*) is known to occur in this area. This parcel will be managed in a manner as to enhance the protection of this rare plant species and its habitat. The parcel is not accessible by roadway. The parcel has been surveyed and there is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-181a. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE and 130-NW
TVA D-Stage Map Numbers	40 and 45
Stream Mile and Bank	ERMs 6.4 and 8.8R
Land Use/Land Cover	River bluff with exposed rock face
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	Section 26a permit to the City of Harriman for water line, sewer line, and outfall

Parcel 181 – (7.0 acres)

Land Use Allocation: Zone 5, Industrial

This parcel is one contiguous tract of land situated on the right bank of the Emory River. The Rogers Group owns the backlying quarry property. This parcel is undeveloped and may be suitable for a future barge terminal. The land cover is comprised of upland deciduous forest and species such as tulip poplar, white oaks, and red oaks comprise the larger canopy species. There is a moderate amount of invasive nonnative plant species including sericea lespedeza and privet. The parcel is not accessible by roadway. The parcel has been surveyed and there is a low probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support industrial purposes would be considered.

Table 4-181. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D-Stage Map Numbers	40
Stream Mile and Bank	ERM 6.5R
Land Use/Land Cover	Mix of upland and riparian forest
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 182 – (36.9 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This long, linear parcel is one contiguous tract of land and is relatively narrow along the right descending shoreline of the Emory River. The majority of this shoreline parcel is relatively low-lying, bottomland habitat and forest species include sycamore, oaks, elm, river birch, hackberry, sourwood, black gum, green ash, and silky dogwood along the more shallow sites. The understory conditions are generally good with a diverse variety of native plant species, and the presence of invasive nonnative plants is relatively low. The backlying land use is a combination of residential and agricultural with some forest. There are pockets of small fringe wetlands located on some of the more shallow areas and in the backs of coves. These scrub-shrub wetlands are comprised of species such as river alder, silky dogwood, leadbush, and St. John's wort. The emergent wetland areas support woolgrass, marsh-mallow, smartweed, and numerous other sedges, rushes, and grasses that are dependent on hydric soils.

This long, riparian parcel provides habitat for a diverse array of wildlife species similar to those described for other similar parcels on the Emory River. This parcel provides habitat for several neo-tropical migrant bird species and other resident bird, reptile, and amphibian species that utilize riparian habitats. There is transmission line ROW that crosses a portion of this parcel, and the most downstream end of the parcel abuts Swan Harbor Subdivision. There are some minor unauthorized vegetation clearing encroachments on this parcel, especially in areas where private residences abut very narrow shoreline sections. There is no direct road access to the parcel. The parcel has been surveyed and there is a low probability for the presence of cultural resources. There are existing approved water use facilities present on this parcel; however, new 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D–Stage Map Numbers	45
Stream Mile and Bank	ERMs 6.1 to 4.5R
Land Use/Land Cover	Bottomland forest and fringe wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Approved water use facilities

Parcel 183 – (25.2 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the right bank of the Emory River that fronts residential property including Swan Harbor and Emory Cove subdivisions. There are community water use facilities on this parcel and there are commercial recreation license agreements with Swan Harbor and Emory Cove homeowners associations (HOA). The licenses include a marina development and community facilities with shoreline access corridors. Landward access to the parcel is limited and the parcel is surrounded by residential property and undeveloped areas. The parcel has been surveyed and 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 4-183. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	45
Stream Mile and Bank	ERMs 3.6 to 4.4R
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • License to Swan Harbor HOA for commercial recreation • License to Emory Cove HOA for commercial recreation • Approved water use facilities

Parcel 184a – (7.7 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of land located on the right bank of the Emory River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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.

Table 4-184a. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	45
Stream Mile and Bank	ERMs 3.2 to 3.5R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-445 and XWBR-446
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 184 – (21.0 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is three noncontiguous tracts of land on a peninsula located on the Emory River and adjacent to the east embayment of the Emory River. The parcel is adjacent to the site of the former Lake Shore Subdivision which is now Lakeshore Park. This parcel and the backlying private property were affected by the Kingston ash pond spill. After the ash spill, the backlying private property was acquired as TVA power property, and this parcel and the backlying TVA property have been redeveloped as a public recreation area. Lakeshore Park opened in May 2014 as part of TVA’s ash release natural resource damage mitigation. The park has 2-miles of paved, ADA accessible walking trails along the shoreline, and there is a pedestrian bridge that connects to the walking trails across the east embayment at Parcels 187 and 188. The park also features three fishing piers, two courtesy docks, canoe launches, and a boat-launching ramp. There are public restrooms, parking, and picnic tables on the interior of the peninsula. Further, the shoreline has been stabilized with a natural vegetative buffer. This parcel is accessible by public roadway (Swan Pond Circle and Lakeshore Drive). The parcel has been surveyed and there is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-184. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE and 130-NW
TVA D-Stage Map Numbers	39 and 45
Stream Mile and Bank	ERMs 3.6 to 4.6R
Land Use/Land Cover	Developed/open space and shoreland with scattered trees and shrubs
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 185 – (4.1 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is two small, noncontiguous tracts of land on the right bank of the Emory River and is adjacent to Lakeshore Park. The parcel is undeveloped and is comprised of scattered mixed deciduous and pine forest. The small tract adjacent to the east embayment is a low-lying

riparian woodland with sycamore, green ash, black willow, river birch and red maple. The tract between Swan Pond Circle and the reservoir is a mixed deciduous woodland made up of Virginia pine, tulip poplar, black cherry, sweetgum and red maple. The understory in this area is dominated by invasive nonnative plant species including multi-flora rose, privet and Japanese honeysuckle. A portion of the parcel is accessible by public roadway (Swan Pond Circle). The parcel has been surveyed and there is a medium probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE and 130-NW
TVA D-Stage Map Numbers	39 and 45
Stream Mile and Bank	ERM 3.1R
Land Use/Land Cover	Mixed deciduous woodland
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 186 – (13.7 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is one contiguous tract of land located in the Swan Pond Circle embayment and is comprised of forested areas and wetlands. Due to its proximity to the Kingston Fossil Plant, this parcel was affected by the 2008 Kingston ash pond spill. The undeveloped parcel serves as a buffer between private property and TVA power property, and it provides high value wildlife habitat. The shoreline of this parcel is comprised of a multi-age palustrine forested wetland. The wetland is underlain by Atkins Very Fine Loam soil that is located on Roane County’s hydric soils list. The dominate tree species include sweetgum, red maple, American elm, black willow, and willow oak. The supporting hydrology is from back flooding from the reservoir, ponding precipitation, and beaver impoundments. This wetland provides many water quality protection and enhancement functions including filtering and sequestration of sediments and nutrients while increasing local floodwater retention capacity. This area has habitat for a host of wildlife species from large mammals to amphibians. White-tailed deer, American toads, and Cope’s gray treefrog are examples of the range of wildlife present. In addition, this parcel is extensively used by a variety of waterfowl, resident, and neo-tropical migrant bird species. Wood ducks,

mallards, herons, pileated woodpeckers, yellow-rumped warblers, and prothonotary warblers have been observed in this area. This parcel will be managed in a manner as to protect the wetland functions and habitat values provided by this unique site. The parcel has been surveyed and there is a low probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE and 130-NW
TVA D-Stage Map Numbers	39 and 45
Stream Mile and Bank	ERM 3.2R
Land Use/Land Cover	Mixed forest and wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 187 – (56.8 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is three noncontiguous tracts of land located in the Swan Pond Circle embayment, Swan Pond Creek embayment, and the area between the road and the ash disposal area at Kingston Fossil Plant. Due to its proximity to the Kingston Fossil Plant, this parcel was affected by the 2008 Kingston ash pond spill. After the ash removal effort was completed, portions of Parcel 187 were developed as part of Lakeshore Park which opened in May 2014. There is a walking trail complex around the embayment with interpretive wetlands signage along the embayment. Public use of this parcel is comprised mostly of visitors to the walking paths as well as bank fishing adjacent to major road culverts near the embayment. The walking trail complex is accessible by Swan Pond Circle and public parking and public restrooms are accessible on adjacent TVA property.

The largest segment of the parcel is situated around the large embayment. This tract is a relatively flat, low-lying riparian zone with mid-age sycamore, green ash, and silver maple trees. The portion of the parcel that extends into the main reservoir is comprised of bottomland forest species such as silver maple, sycamore, green ash, and sweetgum trees. A scrub-shrub and emergent wetland fringe is present along the shallower shoreline areas. The third tract lies near

the ash disposal area. This segment is a steep predominately north facing slope. The vegetation present is mostly old age upland deciduous forest comprised of various oak, hickory, white ash, black gum, tulip poplar, black cherry, red maple, basswood, American beech, yellow buckeye, and flowering dogwood trees. Upland and riparian/wetland wildlife species, similar to those described under Parcel 186, are found in this area. This parcel is accessible by public roadway (Berkshire Lane, Swan Pond Circle, and Swan Pond Road) and it will be managed in a manner as to protect the wetland functions and values provided by this unique site. The parcel has been surveyed and there is a low probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D-Stage Map Numbers	39 and 45
Stream Mile and Bank	ERM 2.5R
Land Use/Land Cover	Bottomland forest and wetlands with small areas of developed/open space
Known Dispersed Recreation Opportunities	Walking, wildlife observation and bank fishing
Committed or Uncommitted	Committed
Current Agreements/Commitments	Permanent easements to Roane County for roadways

Parcel 188 – (25.3 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is two noncontiguous tracts of land with segments of the parcel adjoining the Swan Pond Circle embayment and Swan Pond Creek embayment. Due to its proximity to the Kingston Fossil Plant, this parcel was affected by the 2008 Kingston ash pond spill. As part of its ash recovery project Natural Resource Damage Assessment mitigation, TVA enhanced wetland values by restoration hydrology. Hydrology supporting this wetland is from various sources including back flooding from the reservoir, ponding of precipitation, and the installation of two weir dams. This parcel supports the Gupton Wetlands area, and the Lakeshore Park paved walking trail complex extends to this parcel and stretches 0.75 mile along the edge of the wetlands. This area that is popular for wildlife observation and educational/interpretive signage about the wetlands, shorebirds and waterfowl is available along the trail; parking for this area is on Swan Pond Road.

Wetland functions and values for this parcel are similar to those described for Parcel 186. However, the forested component of this wetland is somewhat younger in age. The dominant tree species present include red maple, black willow, American elm, and sweetgum. There is also a significant amount of buttonbush and silky dogwood present. The emergent wetland portions have a high diversity of obligate wetland grasses, rushes, sedges, smartweeds, jewelweed, and marsh-mallow. The hydric soils are mostly super saturated with numerous vernal pools and depression type situations. This parcel is particularly important to various amphibian species such as green frog, Cope’s gray treefrog, western chorus frog, and spring peepers. The parcel has been surveyed and there is a low probability for the presence of cultural resources. This parcel will be managed in a manner as to protect the wetland functions and values provided by this unique site. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D-Stage Map Numbers	39 and 45
Stream Mile and Bank	ERM 3.2R
Land Use/Land Cover	Wetlands with small areas of developed/open space
Known Dispersed Recreation Opportunities	Wildlife observation and walking trails
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 189a – (11.2 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is comprised of three small islands in the Emory River embayment and a peninsula on the left bank of the Emory River adjacent to Gunter’s Field Subdivision. The peninsular area has typical bottomland forest and early successional species. There are scattered scrub-shrub and emergent fringe wetlands along the shoreline of this segment of the parcel, and the northern end of the peninsula is eroding badly. The small islands associated with this parcel were affected by the 2008 Kingston ash pond release. The islands support young-age bottomland forest species with river alder dominated fringe shrub wetlands around them. This parcel receives use by wetland wildlife and wading birds such as great blue, green, and black-crowned night-herons, cattle egret, and osprey. The parcel does not have landward access.

This parcel has a high probability for the presence of cultural resources, but it has not been surveyed. Requests for private water use facilities would not be considered.

Table 4-189a. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE and 130-NW
TVA D-Stage Map Numbers	39, 40, 44, 45, and 46
Stream Mile and Bank	ERMs 2.0 to 2.3
Land Use/Land Cover	Bottomland forest and wetlands
Known Dispersed Recreation Opportunities	Wildlife observation
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 189 – (8.7 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is comprised of four islands in the Emory River; two small islands are at the Emory River embayment adjacent to Lakeshore Park and Kile Subdivision, and the other two larger islands are upstream between ERM 4.9 and 5.7. The small island segments support young-age bottomland forest species such as silver and red maple, green ash, sycamore, river birch, black willow, sweetgum, and wetland fringe species including river alder, silky dogwood, buttonbush, leadbush, and various sedges and rushes. The two larger islands are immediately adjacent to the shoreline, are now connected to the mainland property, and include similar forest species as the two smaller islands. This parcel receives use by wetland wildlife and wading birds such as great blue, green, and black-crowned night-herons, cattle egret, and osprey. This parcel is only accessible by watercraft. The parcel has been surveyed and there is a high probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-189. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE and 130-NW
TVA D-Stage Map Numbers	39, 40, 44, 45, and 46
Stream Mile and Bank	ERMs 2.0 to 2.3
Land Use/Land Cover	Bottomland forest and fringe wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 192 – (6.0 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is two small noncontiguous tracts of land that lie along both banks of the King Creek embayment upstream from Roane State Highway (US-70). The southern tract is moderate to relatively steeply sloped with mature riparian upland deciduous forest cover, and a county road lies immediately adjacent to this segment. The north-northwest tract is moderately sloped and lies between Swan Pond Road and US-70. There have been some unauthorized vegetation management encroachments on this side of the parcel with part of the area being mowed and kept open by the adjoining landowner, somewhat limiting the habitat value on this segment. Most of the land adjoining this parcel is residential, commercial, or comprised of road ROWs.

This parcel is utilized by typical riparian wildlife species, especially on the south-southwest side; that area is particularly valuable to certain water birds such as great blue, green and black-crowned night-herons and belted kingfishers as perch and roosting habitat. Other resident and neo-tropical migrant songbirds would be expected to use this riparian zone habitat as well as mammals such as raccoons and muskrat. The parcel is accessible by public roadway (Swan Pond Road and Keylon Drive). The parcel has been surveyed and there is a low probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D-Stage Map Numbers	38 and 39
Stream Mile and Bank	CRM 2.5R
Land Use/Land Cover	Riparian and upland deciduous forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 193 – (8.1 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is two noncontiguous tracts of land that lies along the King Creek floodplain adjacent to the upper end of the reservoir embayment and is comprised of wetlands. This wetland is a combination of high quality emergent and scrub-shrub reservoir fringe adjacent to a forested wetland lying between King Creek and Swan Pond Road. This wetland does have some invasive nonnative plants with privet and multi-flora rose being the most common. While this wetland is more limited in size than other wetland parcels, the area still provides a high level of quality wetland functions and values as previously described, and this wetland parcel will be managed in a manner as to protect these current high level functions and values. The parcel is accessible by public roadway (Swan Pond Road). The parcel has been surveyed and there is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-193. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D-Stage Map Numbers	38
Stream Mile and Bank	CRM 2.5R
Land Use/Land Cover	Wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 194 – (6.8 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is two noncontiguous tracts of land on the right bank of the Clinch River. The parcel has been designated as the Rayburn Bridge HPA, established for the protection of populations and habitat for spreading false-foxglove (*Aureolaria patula*), a state-listed plant species found on this parcel that is sensitive to trampling and habitat alteration. The parcel lies adjacent to the road ROWs for I-40 and Roane State Highway (US-70). The shoreline of this parcel is also occasionally used as a fleeting area for barge traffic from the Emory and Clinch rivers; however, this use does not impact the sensitive habitat area. The land cover includes steep, rocky upland woods with limestone outcrops. There has been unauthorized vegetation clearing on a portion of this parcel. This unauthorized use could impact a population of spreading false-foxglove through the removal of overstory trees and the subsequent spread of invasive nonnative plant species such as tree-of-heaven and privet. This parcel will be managed in a manner as to protect the existing habitat for and populations of spreading false-foxglove. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and there is a low probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D-Stage Map Numbers	38
Stream Mile and Bank	CRMs 2.3 to 2.6R
Land Use/Land Cover	Upland forest and rock outcrops
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 195 – (16.1 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is three noncontiguous tracts of land that lie along the right bank of the Clinch River (see Panel 2). The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Roberts Heights Estates and Roane Manor Estates

subdivisions. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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.

Table 4-195. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE and 123-NE
TVA D-Stage Map Numbers	38
Stream Mile and Bank	CRMs 0.0 to 2.3R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-368, XWBR-369 and XWBR-370
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 196 – (11.4 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is one steep, contiguous tract of land designated as the Stowe Bluff HPA established for the protection of state-listed plant species and associated habitats present on the parcel. State-listed plants recorded on Parcel 196 include spreading false-foxglove (*Aureolaria patula*) and northern bush-honeysuckle (*Diervilla lonicera*) which are both sensitive to trampling and habitat alteration. The land cover is a mixture of rocky upland forested areas and limestone outcrops and rich woods near the base of the bluff. Riparian shoreline species include sugar maple, American bladdernut, redbud, smooth hydrangea, and muscadine. Invasive nonnative plants are plentiful and include tree-of-heaven, Oriental bittersweet, Japanese honeysuckle, privet, and sericea lespedeza that may require treatment and removal in the future in order to protect rare plant habitats. The parcel has been surveyed and there is a low probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE and 123-NE
TVA D-Stage Map Numbers	38
Stream Mile and Bank	CRMs 1.0 to 1.8R
Land Use/Land Cover	Upland forest with bluffs
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	Section 26a permit to Rockwood Electric Utility for aerial electric utilities

Parcel 197a – (10.2 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the right bank of the Tennessee River that fronts property recently acquired by the State for public recreation purposes. This parcel is undeveloped and potential public water access facilities on this parcel include a boat-launching ramp and a fishing pier. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property; the nearest roadway is Bowman Bend Road. There is a high probability for cultural resources on this parcel, and there are known cultural resources on the parcel. Potential impacts to sensitive resources and any mitigation resulting from potential development of TVA public land would be evaluated during a site-specific environmental review for that request. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-197a. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	38
Stream Mile and Bank	TRM 566.4R
Land Use/Land Cover	Shoreland with scattered trees and shrubs
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 197 – (26.8 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is six noncontiguous tracts of land located on the right bank of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Bowman Bend Estates, Lake Forrest, Waldron, and Westshore Estates subdivisions. This parcel includes small shoreline areas that front Bowman Bend Estates; these shoreline areas at Bowman Bend Estates exist only where the backlying property abuts the 750-foot contour, and although access is possible in a few low-lying areas, the shoreline access rights do not extend across Bowman Bend Road to the reservoir. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. The parcel has been surveyed and 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.

Table 4-197. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	38
Stream Mile and Bank	TRM 562.2 to 567.1R
Land Use/Land Cover	Shoreland with scattered trees, shrubs and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-359, XWBR-360, XWBR-361, XWBR-362, XWBR-363, XWBR-364, XWBR-365, XWBR-366 and XWBR-367
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approve water use facilities

Parcel 198 – (5.4 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is one contiguous tract of land located along the right bank of the main channel of the Tennessee River and serves as a navigation safety harbor for barge traffic. The land cover is a forested riparian zone made up of sycamore, green ash, and various oak species on this parcel. There is a record for heron colonies on the parcel including one in a large sycamore tree along the northern portion of the parcel. There is no landward access to the parcel and the

parcel is surrounded by residential property. The parcel has been surveyed, there is a high probability for cultural resources, and there are known cultural resources on the parcel. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	34
Stream Mile and Bank	TRM 565.0 to 565.3R
Land Use/Land Cover	Riparian forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	Navigation safety harbor

Parcel 200 – (46.1 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is three noncontiguous tracts of land discussed in terms of segments; one of the segments is located along Caney Creek shoreline near the New Hope Road Bridge and Caney Ford Road, one is found along both shorelines of Bowman Branch near US-70 and New Hope Road, and the other is located primarily between Bowman Bend Road and the main reservoir. The segment of this parcel that lies on Caney Creek is a west-facing riparian zone with upland oaks, hickories, and sycamores scattered among limestone outcrops. This segment lies immediately adjacent to a road, is used for dispersed recreation, and features multiple campsites toward the downstream end of the tract. There is an encroachment including the establishment of pipe gates and tables on the upstream portion of the area. Wildlife use of this segment includes an osprey nest, a great blue heron nest, and there is also evidence of beaver activity. This segment does not appear to have any unique botanical habitats.

The Bowman Branch portion of this parcel lies along both sides of US-70 and along both banks of the Bowman Branch embayment upstream of New Hope Road. Most of the parcel along the embayment is flat to moderately sloped with some steeper sections on the southwest end near New Hope Road. Most of the vegetative cover is typical riparian species with some nice forested, scrub-shrub, and fringe wetlands in the upper reaches of the shallow embayment. There is some kudzu on the lower end of the area near the road crossing as well as a

moderately sized dispersed recreation area (campsite and bank fishing area). Wildlife utilization of this portion of the parcel is similar to that described for other riparian habitats on the reservoir. The fringe wetlands along the upper end of this area provide important habitat for a variety of wetland oriented species including beaver, muskrat, raccoon, various wading and water birds including wood ducks, and numerous amphibians and reptiles.

The final segment of this parcel that lies between Bowman Bend Road and the reservoir provides some fair to good quality riparian wildlife habitat in places. Several dispersed camping sites are located on this portion of the parcel, somewhat limiting the habitat value of the area. Portions of the parcel have been surveyed and there is a medium probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D-Stage Map Numbers	31 and 34
Stream Mile and Bank	TRM 562.R – Caney Creek mile 0.3L
Land Use/Land Cover	Upland riparian zone, limestone outcrops, and fringe wetlands
Known Dispersed Recreation Opportunities	Camping and bank fishing
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easement to Roane County for road ROW • Permanent easement to TDOT for road ROW

Parcel 201 – (84.2 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is a one long contiguous tract of shoreline that encompasses a portion of the Caney Creek embayment north of the Caney Creek Bridge and south of US-70. This parcel also fronts Roane County Park, Caney Creek Marina and RV Park, and Caney Creek Boat Launch. This parcel is under a permanent easement to Roane County for public recreation, is located below the 750-foot contour, and fronts additional property transferred to Roane County for public recreation. Roane County Park is accessible by public roadway (Roane State Highway) and its facilities include picnic pavillions, picnic tables, playground, swimming area, splash pad, disc golf course, and 1.3 mile walking track. The County has sub-leased a portion of this parcel to

the owner of the Caney Creek Marina for the establishment of an RV park that includes numerous boat slips. Across the cove on the southern portion of the parcel and adjacent to Caney Creek Road is Caney Creek Boat Launch. Boat launch facilities include a two-lane concrete boat-launching ramp, courtesy docks and parking area. The boat-launching ramp is a popular area for bank fishing, too. Portions of the parcel have been surveyed and 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 4-201. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE and 123-NE
TVA D-Stage Map Numbers	31 and 32
Stream Mile and Bank	TRM 562.3R
Land Use/Land Cover	Developed/low intensity with scattered trees, shrubs, and herbaceous vegetation
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easements to Roane County for public recreation and road ROW • Sub-lease to Caney Creek Marina and RV Park • Section 26a permits for Caney Creek Marina harbor limits and structures • Section 26a permits to Roane County for Roane County Park structures • Section 26a permit to TDOT for bridge

Parcel 202 – (28.6 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is two noncontiguous tracts of land located immediately adjacent to and north of Roane State Highway (US-70) and across the highway from the Caney Creek embayment. Local adjacent land uses are primarily residential and commercial, which, in addition to the parcel’s proximity to a highway, limits the habitat quality of this parcel. A dispersed recreation area that supports bank fishing is on this property along US-70. The land cover on this parcel is a combination of a scattered forested riparian areas made up of sycamore, green ash, and various oak species as well as maintained vegetation areas. Portions of the parcel have been surveyed and there is a medium probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE and 123-NE
TVA D-Stage Map Numbers	31 and 32
Stream Mile and Bank	TRM 562.3R and Caney Creek miles 1.5 to 2.3L
Land Use/Land Cover	Forested riparian areas and maintained vegetation
Known Dispersed Recreation Opportunities	Bank fishing
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Permanent easement to Roane County for sewer line

Parcel 203 – (16.8 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is three noncontiguous tracts of land that are located north of Highway 70 in the Caney Creek embayment. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Dodson Subdivision; other backlying areas of the parcel are undeveloped. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas, and there is a large culvert that allows watercraft access to the reservoir. Landward access to the parcel is limited and the parcel is surrounded by residential property. Portions of the parcel have been surveyed and there is a low 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 4-203. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE and 123-NE
TVA D-Stage Map Numbers	32
Stream Mile and Bank	TRM 562.3R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-355, XWBR-356, XWBR-357 and XWBR-358
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approved water use facilities • Permanent easement to Roane County for sewer line

Parcel 204 – (21.4 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one contiguous tract of land that lies in two widely separated segments along the right descending shoreline of Caney Creek embayment. The downstream segment lies immediately adjacent to New Hope Road while a portion borders a rural residential and horse farm setting and is moderately sloped with a southwest aspect. Most of the vegetative cover is comprised of typical riparian species such as sycamore, sweetgum, red maple, green ash, tulip poplar, and few scattered Virginia pine. Much of the shoreline supports a good stand of river alder and silky dogwood. However, presence of invasive nonnative plants is high in this area with privet, multi-flora rose, and sericea lespedeza being the most common types. The area provides fair habitat for riparian wildlife species, though the habitat quality is limited by the proximity of the segment to the county road and the level of dispersed recreation use that is occurring on the site. There are several dispersed recreation areas such as campsites and bank fishing nodes present, and this parcel should be managed with an emphasis on maintaining and providing quality dispersed recreation opportunities.

The upstream segment of this parcel is located on the most upper reaches of the right descending shoreline of the Cardiff Creek portion of the Caney Creek embayment that is mostly adjacent to Patton Lane (SR-382). Most of this area is relatively flat and comprised of bottomland riparian woodland species with some scrub-shrub and fringe wetlands. Although much of this area is adjacent to a highway and rural residential development, it still provides some high quality wildlife habitat, especially for species that utilize bottomland riparian vegetation zones. Landward access to the parcel is limited and the parcel is adjacent to residential property and ball fields. Portions of the parcel have been surveyed and there is a high probability for the presence of cultural resources. Existing previously approved water use facilities would be allowed to remain; however, requests for new private water use facilities or expansions to existing private water use facilities would not be considered.

Table 4-204. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-NE
TVA D-Stage Map Numbers	32
Stream Mile and Bank	TRM 562.3 – Caney Creek mile 3R
Land Use/Land Cover	Riparian bottomland and upland forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approved water use facilities • Section 26a permit to TDOT for a culvert • Permanent easement to Roane County for sewer line

Parcel 205 – (7.5 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one contiguous tract of land located between the Caney Creek embayment and Caney Creek Road. This parcel is used for dispersed recreation and there are multiple dispersed campsites and bank fishing areas. There is an agreement with Roane County for litter cleanup on this parcel. Land cover is a combination of riparian woodland and open grassland and woodland species include as tulip poplar, sycamore, sweetgum, red maple, green ash, and Virginia pine. The area provides fair habitat for riparian wildlife species, though the habitat quality is limited by the proximity of the segment to the county road and the level of dispersed recreation use that is occurring on the site. The open shoreline is utilized by resident Canadian geese, bluebirds, and other open land-oriented wildlife species. The parcel is accessible by public roadway (Caney Creek Road). Portions of the parcel have been surveyed and there is a low probability for the presence 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D–Stage Map Numbers	31
Stream Mile and Bank	Caney Creek mile 2.3R
Land Use/Land Cover	Riparian woodland and open areas with herbaceous vegetation
Known Dispersed Recreation Opportunities	Bank fishing and camping
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 206 – (15.3 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of land located on the main channel of the Tennessee River that continues into Caney Creek embayment just west of the Caney Creek Bridge. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Caney Creek and The Docks at Caney Creek subdivisions. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. Portions of the parcel have been surveyed and 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 4-206. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D–Stage Map Numbers	29 and 31
Stream Mile and Bank	TRMs 561.1 to 562.2
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-347 and XWBR-354
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 207a – (7.1 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is one contiguous tract of land located in the Bullet Branch embayment. Much of the interior portion of this parcel (5.1 acres) is under license for agricultural use and is managed as a hay field. The riparian zone has scattered trees and shrubs with some open areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. There is a high probability for cultural resources on this parcel, and there are known cultural resources on the parcel. The parcel will be managed to enhance protection of these existing cultural resources. Requests for private water use facilities would not be considered.

Table 4-207a. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D–Stage Map Numbers	29
Stream Mile and Bank	TRM 561.2R
Land Use/Land Cover	Scattered trees and shrubs along shoreline with hay field on the interior portion of the parcel
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	License for agricultural use

Parcel 207 – (12.0 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel consists of two noncontiguous tracts of land located on both sides of the entrance of the Bullet Branch embayment. The parcel serves as a navigation safety harbor for barge traffic. The northern tract fronts a few residential lots in The Docks at Caney Creek Subdivision and the southern tract fronts rural residential property. The parcel is comprised of a forested riparian zone made up of sycamore, green ash, and various oak species. There is no landward access to the parcel and access is limited to watercrafts. Portions of the parcel have been surveyed and there is a low 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D–Stage Map Numbers	29
Stream Mile and Bank	TRM 561.2R
Land Use/Land Cover	Riparian forest with scattered trees and shrubs
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	Navigation safety harbor

Parcel 208 – (17.4 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is four noncontiguous tracts of land located in the back of the Bullet Branch embayment. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including The Docks at Caney Creek and Post Oak Cove subdivisions. The parcel is also adjacent to a TWRA public access area in the back of the embayment on Parcel 12-36. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with some mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. Portions of the parcel have been surveyed and there is a low 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 4-208. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW and 123-SE
TVA D–Stage Map Numbers	29
Stream Mile and Bank	TRM 561.2R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-333, XWBR-334, XWBR-342, XWBR-343, XWBR-345, XWBR-346, XWBR-504, XWBR-505, and XWBR-507
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 209 – (0.5 acre)

Land Use Allocation: Zone 4, Natural Resource Conservation

This very small parcel is one contiguous tract of land located in the upper end of Bullet Branch embayment and is flanked on both sides by property allocated as Zone 7 (Shoreline Access). This parcel fronts residential property that does not have adequate shoreline access rights for private water use facilities. Much of the parcel appears to have unauthorized vegetation management and is being mowed by an adjacent landowner as an encroachment, limiting the habitat quality of this site. The remaining land cover consists of a few scattered trees and shrubs. Landward access to the parcel is limited and the parcel is surrounded by residential property. Portions of the parcel have been surveyed and there is a low probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW and 123-SE
TVA D–Stage Map Numbers	29
Stream Mile and Bank	TRM 561.2R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and mowed vegetation
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 210 – (12.1 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of narrow shoreland located on the right bank of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Emerald Pointe and Pinoak Point subdivisions. and sits adjacent to a TWRA public boat-launching ramp on parcel 12-31. Landward access to the parcel is limited and the parcel is surrounded by residential property. There is a medium probability for cultural resources on this parcel, and there are known cultural resources on the parcel. Potential impacts to sensitive resources and any mitigation resulting from potential development of TVA public land would be evaluated during a site-specific environmental review

for that request. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-210. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW and 123-SE
TVA D–Stage Map Numbers	29
Stream Mile and Bank	TRMs 559.5 to 561.0R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-340, XWBR-341, and XWBR-342
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 211 – (11.4 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is two noncontiguous tracts of land on the right bank of the Tennessee River and serves as a navigation safety harbor for barge traffic. Portions of both tracts have unauthorized vegetation clearing and have been mowed by adjacent landowners as an encroachment. The remaining land cover is a combination of scattered riparian trees and shrubs with sycamore, green ash, and various oak species on this parcel. Landward access to the parcel is limited and the parcel is surrounded by residential property. There is a high probability for cultural resources on this parcel, and there are known cultural resources on the parcel. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SE
TVA D–Stage Map Numbers	26 and 29
Stream Mile and Bank	TRM 559.5R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and herbaceous vegetation
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	Navigation safety harbor

Parcel 212 – (75.6 acres)

Land Use Allocation: Zone 7, Shoreline Access

This large parcel is three noncontiguous tracts of land located at Johnson Bend along about 5 river miles of shoreline on the right bank of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Loch Haven Estates and Grande Vista Bay subdivisions. This parcel is bisected by a TWRA public access tract (Parcel 12-30) used for dispersed recreation and a navigation safety landing (Parcel 213). Parcel 212 is also adjacent to Zone 1 (Non-TVA Shoreland) areas with flowage easement rights (WBR-742F). The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. There is a medium probability for cultural resources on this parcel, and there are known cultural resources on the parcel. Potential impacts to sensitive resources and any mitigation resulting from potential development of TVA public land would be evaluated during a site-specific environmental review for that request. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-212. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW and 123-SE
TVA D-Stage Map Numbers	25, 26, and 29
Stream Mile and Bank	TRMs 554.7 to 559.5R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-181, XWBR-335, XWBR-336, XWBR-337, and XWBR-338
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Approved water use facilities • Permanent easement to R. Massey for road ROW

Parcel 213 – (4.2 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is one contiguous tract of land located on the right bank of the Tennessee River that serves as a navigation safety harbor for barge traffic. This parcel is on a strip of TVA property

between Grand Vista Bay Subdivision and the reservoir and it is comprised of a forested riparian zone made up of sycamore, green ash, and various oak species. The shoreline fronting these residential lots are not eligible for private water use facilities. Landward access to the parcel is limited and the parcel is surrounded by residential property. Portions of the parcel have been surveyed and 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D-Stage Map Numbers	26
Stream Mile and Bank	TRM 557.5R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and herbaceous vegetation
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	Navigation safety harbor

Parcel 214 – (13.9 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is comprised of four low-lying islands located near the right bank of the Tennessee River between Thief Neck Island (Parcel 46) and the west side of Johnson Bend and Parcel 212. These islands are predominantly comprised of forested and fringe wetlands along the shorelines. Typical wetland vegetation species found on this parcel include red and silver maple, green ash, sweetgum, black willow, river birch, river alder, silky dogwood, leadbush, St. John's wort, woolgrass, water willow, marsh-mallow, and various other obligate grass, bulrush, and sedge species. These islands have historically been used as nesting habitat for colonial wading birds, and the most upstream island typically has multiple active great blue heron and/or black-crowned night-heron nests. Ospreys commonly roost on these islands as well and could nest on them in the future. The upstream and the most downstream island are receiving informal recreational use with large dispersed campsites on each of them. There is no landward access to the parcel and public access is limited to watercraft from the reservoir. There is a high probability for cultural resources on this parcel, and there are known cultural resources on the parcel. This parcel will be managed in an effort to protect cultural resources sites as well as the

wetlands and wetland wildlife habitats that are present on the property. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D-Stage Map Numbers	25 and 26
Stream Mile and Bank	TRMs 555.1 to 556.0R
Land Use/Land Cover	Forested wetland with fringe wetlands along the shoreline
Known Dispersed Recreation Opportunities	Dispersed camping and hunting
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 215 – (18.2 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is four noncontiguous tracts of land located on the right bank of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use. Kindrick Cemetery is located on the parcel and development is prohibited on that portion of the parcel; TVA has stabilized the shoreline fronting the cemetery to enhance the protection of that area. This parcel is adjacent to two TWRA public access areas with boat-launching ramps (Parcel 12-34 and Parcel 12-35). Parcel 215 is adjacent to Zone 1 (Non-TVA Shoreland) areas with flowage easement rights (WBR-726F). The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. There is a medium probability for cultural resources, and there are known cultural resources on the parcel. Potential impacts to sensitive resources and any mitigation resulting from potential development of TVA public land would be evaluated during a site-specific environmental review for that request. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-215. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D-Stage Map Numbers	26 and 29
Stream Mile and Bank	TRMs 553.7 to 554.6R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-173, XWBR-174, XWBR-175, XWBR-176, XWBR-177, XWBR-178, XWBR-179, and XWBR-180
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easement to Roane County for road ROW • Approved water use facilities

Parcel 216 – (31.5 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of land; the larger tract is along the right bank of the Tennessee River and the smaller tract is in an embayment fed by Privy Spring Branch. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use and a portion is adjacent to Zone 1 (Non-TVA Shoreland) areas with flowage easement rights (WBR-651F and WBR-652F). Landward access to the parcel is limited and the parcel is surrounded by residential property. There are known cultural resources on the parcel and potential impacts to sensitive resources would be evaluated during a site-specific environmental review for land use requests. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-216. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D-Stage Map Numbers	29 and 30
Stream Mile and Bank	TRMs 552.8 to 553.5R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and mowed vegetation
Fronts Former TVA Tract(s)	XWBR-167, XWBR-168, XWBR-171, and XWBR-172
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 217 – (30.9 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one contiguous tract of land that lies along the left descending shoreline of a sub-embayment off King Creek that is fed by Privey Spring Branch and an unnamed tributary that originates near Postoak Road. The parcel is generally west-facing and is moderately to steeply sloped in most places. Most of the parcel is covered by mixed deciduous forest and the shoreline is well vegetated with river alder and silky dogwood being common; however, some shoreline erosion is occurring in these areas. There is a medium amount of invasive nonnative plants along the shoreline including privet, tree-of-heaven, mimosa, and sericea lespedeza. There is evidence of some heron nesting activity, and ospreys that nest on the parcel across the embayment routinely use this shoreline for perching. The backlying land use is rural woodland and residential, and a portion parcel has unauthorized vegetation clearing and is being mowed by adjacent landowners as an encroachment. The parcel receives limited public use as access is mostly limited to watercraft from the reservoir. Portions of the parcel have been surveyed and 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVAD–Stage Map Numbers	30
Stream Mile and Bank	TRM 553.0R
Land Use/Land Cover	Mixed deciduous forest with open shoreline and mowed areas
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 218a – (4.6 acres)

Land Use Allocation: Zone 5, Industrial

This parcel is one contiguous tract of land located on the tip of a peninsula on the right bank of the Tennessee River at King Creek embayment. There is a barge terminal and gravel access road on the parcel. Further, there is a license agreement for a barge terminal and agricultural use for this parcel and a portion of adjacent Parcel 218. The land cover is a combination of

scattered riparian trees and shrubs along the shoreland and the interior of the parcel is open space with mowed areas. Public access to the parcel is limited to watercraft from the reservoir; public landward access is restricted by a locked gate on adjacent Parcel 218. Portions of the parcel have been surveyed and there is a low probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support industrial purposes would be considered.

Table 4-218a. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D–Stage Map Numbers	30
Stream Mile and Bank	TRM 553.0R – King Creek embayment
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and herbaceous vegetation
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • License to Phillip’s Metals Inc. for barge terminal • Section 26a permit for barge terminal • Agricultural license for hay production

Parcel 218 – (56.8 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This peninsular parcel is one contiguous tract of land on the right bank of the Tennessee River at King Creek embayment. A portion of the parcel is open field that is currently under an agricultural license for hay production. Additionally, this parcel features early successional habitat and 40 acres of mixed pine and deciduous forest of various age classes. The parcel contains several vegetative cover types that provide good nesting, denning, foraging, and roosting habitat for a wide variety of wildlife species from large mammals to reptiles and amphibians. There is evidence of some great blue heron and osprey nesting activity on this property, especially along the eastern shoreline of the parcel, with other resident and neo-tropical migrant bird species utilizing riparian habitat components around the entire parcel.

Landward public access to this parcel is restricted by a locked gate used by the agricultural licensee and an unresolved property boundary and road access issue. As a result of this issue, public use of the parcel has been limited to watercraft, and there is limited evidence of much public use occurring on the area. Portions of the parcel have been surveyed and there is a low

probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D–Stage Map Numbers	30
Stream Mile and Bank	TRM 553.0R – King Creek embayment
Land Use/Land Cover	Mixed deciduous forest and hay fields
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	<ul style="list-style-type: none"> • Agricultural license for hay production • License to Phillip’s Metals Inc. for barge terminal

Parcel 219 – (69.4 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the right bank of the Tennessee River at King Creek. This property fronts former TVA land that was transferred to the City of Rockwood for public recreation purposes (XTWBR-100). This parcel is used for Rockwood Waterfront Park and Tom Fuller Memorial Park and Boat Dock. Amenities found on the parcel include a paved parking lot, two-lane concrete boat-launching ramp, four courtesy piers, picnic pavilion, and restrooms. These amenities receive heavy use, including use for several annual fishing tournaments. Further, the City of Rockwood plans to enhance the park with other amenities over time. In 2020, the City of Rockwood applied for a deed modification to allow for commercial use of 9.85 acres, and the City’s developer applied for a commercial recreation easement over 24.6 acres and 10.3 acres of harbor space. These requests were still under consideration by TVA at when this RLMP Amendment was completed. The parcel is accessible by public roadway (Pumphouse Road). Portions of the parcel have been surveyed and 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 4-219. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D–Stage Map Numbers	30
Stream Mile and Bank	TRM 553.0R
Land Use/Land Cover	Developed/low intensity with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Transfer deed for public recreation purposes • License to the City of Rockwood for public recreation

Parcel 220 – (18.4 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one narrow and contiguous tract of land located on the right bank of the Tennessee River opposite the northwest side of Thief Neck Island. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Crystal Cove Subdivision. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. Portions of the parcel have been surveyed and 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 4-220. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D–Stage Map Numbers	25 and 30
Stream Mile and Bank	TRMs 551.8 to 553.0R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-166 and XWBR-522
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 221a – (31.9 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land on the right bank of the Tennessee River. The parcel consists of shoreline that fronts former TVA property (XWBR-671) sold under Section 4(k)(a) of the TVA Act to the Great Smoky Mountains Council, Boy Scouts of America for the purpose of private recreation or use as a summer residence. The backlying property and portions of the parcel are used for Camp Buck Toms summer camp. The parcel is adjacent to several coves, including the camp’s waterfront activities area and a large peninsula that is the location of the High Adventure climbing wall and obstacle course. The topography on this parcel is generally gently rolling to flat, supporting upland oak-hickory forests with scattered pines. Some nonnative, invasive plant species are present in this area including privet and mimosa. This parcel receives some use by common upland and riparian wildlife species including osprey and herons. In addition, there are some wetland areas concentrated in the heads of the coves that lie adjacent to this parcel. A fishing pier and shoreline stabilization have been approved on this parcel. The northern most portion of the parcel is accessible by public roadway (Camp Buck Tom Road). Portions of the parcel have been surveyed and 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 4-221a. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D-Stage Map Numbers	22
Stream Mile and Bank	TRM 549.5R
Land Use/Land Cover	Developed/open space and upland oak and hickory forests with scattered pines and wetland areas
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Section 4(k)(a) sale for private recreation or use as a summer residence • Section 26a permit for pier and stabilization • Section 26a permit for utilities and service light

Parcel 221 – (42.8 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is three noncontiguous tracts of land located on the main channel of the Tennessee River opposite the west side of Thief Neck Island. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Bennett and Sampson Subdivision, Mee Estate subdivisions. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. TVA completed a riprap project on this parcel in an effort to stabilize the shoreline of the Winton Chapel Cemetery. Landward access to the parcel is limited and the parcel is surrounded by residential property. The southern portion of the parcel beginning near TRM 550.5 fronts a portion of Camp Buck Toms scout camp, and this portion of the parcel is accessible by Camp Buck Tom Road. Portions of the parcel have been surveyed and 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 4-221. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D-Stage Map Numbers	22 and 25
Stream Mile and Bank	TRMs 549.0 to 551.9R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-156, XWBR-157, XWBR-158, XWBR-159, XWBR-160, XWBR-161, XWBR-162, XWBR-163, XWBR-164, XWBR-165, XWBR-556, XWBR-557, and XWBR-664
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 222 – (4.6 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land on the right bank of the Tennessee River and adjacent to Thief Neck Island. The parcel was formerly under a commercial recreation license for Harbour Point Marina, but the marina is no longer in business and the infrastructure has been removed. The land cover is predominantly open space with mowed vegetation with a few

scattered trees. The parcel is accessible by a public road (Marina Bay Road). Portions of the parcel have been surveyed and 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 4-222. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D-Stage Map Numbers	25
Stream Mile and Bank	TRM 551.4R
Land Use/Land Cover	Open space with mowed vegetation and scattered trees
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 223 – (68.3 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is one contiguous tract of land on the right bank of the Tennessee River at Martin Branch embayment. The aspect and slope on this parcel varies greatly, especially between the areas located back in the embayment versus the areas on the main reservoir shoreline with some shallow rocky shoreline, steep rocky points, and high severely eroding banks where backlying vegetation is only comprised of fescue grass cover. Primary forest cover on this parcel includes eastern red cedar, oaks, sycamore, locust, sweetgum, green ash, and Virginia pine. There are about 15 acres of open grassland that was under a former agricultural license for pasture and hay crops. Additionally, several invasive nonnative plant species are present on this parcel including multi-flora rose, privet, and Japanese honeysuckle.

This parcel contains several vegetative cover types that provide excellent nesting, denning, foraging, and roosting habitat for a wide variety of wildlife species from large mammals to reptiles and amphibians. There are active osprey nesting sites along the shoreline, an active belted kingfisher cavity, and numerous other resident and neo-tropical migrant bird species utilizing riparian habitat components. The inland property is known to receive use from backlying landowners for hiking and wildlife observation. There is no direct roadway access to the parcel and the backlying property is predominantly residential. There is a medium probability for cultural resources on this parcel, and there are known cultural resources on the parcel. This

parcel will be managed in a manner to enhance the protection of sensitive resources present on the property. Requests for private water use facilities would not be considered.

Table 4-223. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D-Stage Map Numbers	22
Stream Mile and Bank	TRM 549.0R
Land Use/Land Cover	Mixed forest with open grassland and rocky shoreline
Known Dispersed Recreation Opportunities	Hunting, hiking, and wildlife observation
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 224a – (4.9 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is two noncontiguous tracts of land comprised of an island and a mainland tract located on the right descending bank of the Tennessee River. There is a first class navigation safety harbor adjacent to Martin Light and Daymark. To allow sufficient room for tow boats with barges to safely enter the safety harbor, TVA has designated the shoreline within 500 feet of the harbor entrance with markers signifying the back of the harbor on both sides as Project Operations. Primary forest cover on this parcel includes eastern red cedar, oaks, sycamore, locust, sweetgum, green ash, and Virginia pine. There is no direct landward access to the parcel and public access is limited to watercraft from the reservoir. Portions of the parcel have been surveyed and there is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-224a. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D-Stage Map Numbers	22
Stream Mile and Bank	TRM 546.8R
Land Use/Land Cover	Mixed deciduous forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	Navigation safety harbor

Parcel 224 – (123.7 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is two noncontiguous tracts of land comprised of an island and a mainland tract located on the right bank of the Tennessee River. The aspect and slope on this parcel varies greatly, especially between the areas located back in the embayment versus the areas on the main reservoir shoreline with some shallow rocky shoreline and some steep rocky points. Primary forest cover on this parcel includes eastern red cedar, oaks, sycamore, locust, sweetgum, green ash, and Virginia pine. Much of the parcel, especially along the main channel and reservoir shoreline, is comprised of very shallow soils and poor dry site conditions. There is a moderate amount of invasive nonnative plant species including multi-flora rose, privet, and Japanese honeysuckle. This parcel contains several vegetative cover types that provide excellent nesting, foraging, and roosting habitat for a wide variety of wildlife species from large mammals to reptiles and amphibians. There are active osprey nesting sites along the shoreline and numerous other resident and neo-tropical migrant bird species utilizing riparian habitat components.

Backlying land use is a combination of rural residential and woodland. TVA has invested in improving public access to the parcel. Dispersed recreation improvements include road and shoreline access upgrades and the addition of hardened camp sites to facilitate public use and reduce resource degradation. This parcel is accessible by public roadway (Cove Point Road). Portions of the parcel have been surveyed and there is a medium probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D–Stage Map Numbers	22
Stream Mile and Bank	TRM 547.5R
Land Use/Land Cover	High quality riparian zone with mixed pine and deciduous forest
Known Dispersed Recreation Opportunities	Dispersed camping and bank fishing
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 225 – (11.7 acres)*Land Use Allocation: Zone 7, Shoreline Access*

This parcel is two noncontiguous tracts of land that begin in the back of Phillips Branch embayment and continues along the right bank of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Bluebell Point, and Bella Mara Estates and Cove Point subdivisions. The parcel is bisected by a TWRA access parcel (Parcel 12-24) with a public boat-launching ramp. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. Portions of the parcel have been surveyed and there is a low 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 4-225. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D–Stage Map Numbers	22
Stream Mile and Bank	TRM 546.1R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-155
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 226 – (19.4 acres)*Land Use Allocation: Zone 4, Natural Resource Conservation*

This parcel is one contiguous tract of land on the right bank of the Tennessee River and is comprised of an island connected to the mainland by a causeway at Parcel 225 near Cove Point Subdivision. The parcel is relatively steep and the primary forest cover includes eastern red cedar, oaks, sycamore, locust, sweetgum, green ash, and Virginia pine. Most of the shoreline is rocky and intact, and the shoreline and understory vegetation is considered good for the dry onsite conditions. There is a moderate amount of invasive nonnative plant species including multi-flora rose, privet, and Japanese honeysuckle. This parcel contains several vegetative cover types that provide excellent nesting, foraging, and roosting habitat for a variety of wildlife

species from large mammals to reptiles and amphibians. Furthermore, some of the scattered large pines provide potential nesting substrate for ospreys, great blue herons, and bald eagles. The causeway to the island is accessible by public roadway (Knollcrest Lane). Portions of the parcel have been surveyed and there is a medium probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D-Stage Map Numbers	22
Stream Mile and Bank	TRM 546.1R
Land Use/Land Cover	Mixed deciduous forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 227 – (102.9 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is comprised of three islands including Half Moon Island and two small islands on the Tennessee River. Unfortunately, the two small islands have almost eroded away from watercraft wave wash, but TVA has added riprap to the southernmost island to minimize erosion. The northern portion of Half Moon Island has been under a land use permit to TWRA for wildlife management purposes since 1956, but it has not been actively managed for several years and the fields that were once planted to wildlife food crops have reverted to forest cover. In the forested areas, the dominant species include willow, oak, sycamore, red maple, sweetgum, mixed pine, and elm. Riparian conditions on this parcel vary from good to fair with typical shoreline vegetation species, including river alder, silky dogwood, and St. John’s wort. There is a moderate amount of invasive nonnative plant species including sericea lespedeza, multiflora rose, and privet.

Half Moon Island is large enough to receive some use by hunters, primarily those seeking white-tailed deer. Half Moon Island has high scenic value and also provides important habitat for a variety of wildlife species, especially water birds such as great blue, green, and black-crowned night-herons and osprey as well as bald eagles. The multi-age forest cover on the islands also

provide habitat for numerous resident mammals, amphibians, and reptiles as well as neo-tropical migratory birds. There are at least three dispersed recreation camping sites that get regular use throughout the recreation season located on this parcel, and unauthorized vegetation clearing is associated with one of these sites. There is no landward access to the parcel and public access is limited to watercraft from the reservoir. There are known cultural resources on the parcel, and the parcel will be managed in a manner to enhance the protection of cultural resources as well as the scenic quality and diverse wildlife utilization of the island while allowing for the appropriate levels of dispersed recreational use. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	19
Stream Mile and Bank	TRM 545.0
Land Use/Land Cover	Mixed deciduous forest
Known Dispersed Recreation Opportunities	Dispersed camping and hunting
Committed or Uncommitted	Committed
Current Agreements/Commitments	Land use permit to TWRA for wildlife management

Parcel 228 – (22.4 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is three noncontiguous tracts located in Phillips Branch embayment and a fourth tract is located in the Whites Creek embayment. The upper most tract located in Phillips Branch embayment is adjacent to Winton Chapel Road. Forest cover on this tract is mostly comprised of young upland deciduous and mixed pine forests with a small portion of bottomland riparian species on the creek bank. The second tract of this parcel lies on the right bank of Phillips Branch near where the embayment meets the reservoir. This peninsular tract has moderately flat topography and is comprised of upland deciduous and mixed pine forest cover. The tract lies between two tracts of Parcel 229 with residential development and private water use facilities, and the tract does not appear to receive much public use. Wildlife utilization of the area is typical and similar to that of other shoreline habitats but is somewhat limited by adjacent rural residential development. The third tract is small and located immediately adjacent to and mostly north of Eagle Furnace Road toward the lower end of Phillips Branch. Most of this tract is

comprised of a relatively young stand of mixed pine and deciduous forest. Further, this tract also does not appear to receive much public use most likely due to its small size and the lack of public unawareness that it is TVA retained property. The fourth tract is located in the Whites Creek embayment between two tracts of Parcel 233. This narrow strip of land lies between three relatively new residential structures and the reservoir shoreline where unauthorized vegetation clearing has been documented. This use coupled with the nearby residential development reduces the overall habitat value of this parcel segment for local and migratory wildlife species. The parcel is accessible by public roadway (Eagle Furnace Road), however landward access is limited in the areas surrounded by residential property. Portions of the parcel have been surveyed and there is a medium probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-228. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D-Stage Map Numbers	23
Stream Mile and Bank	TRM 545.1R and Whites Creek mile 3.8L
Land Use/Land Cover	Mixed deciduous and bottomland forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	<ul style="list-style-type: none"> • License to Rockwood Electric Utility for power line • License to landowner for driveway

Parcel 229a – (0.3 acre)

Land Use Allocation: Zone 2, Project Operations

This parcel is one contiguous narrow tract of land located on right bank of the Tennessee River at Phillips Branch between Parcel 229 and Parcel 230. The parcel contains a portion of the road ROW for Lake Island Way serving Harvey Island Subdivision. The intent of this parcel is to support the road ROW and the land cover is fringe forest with mowed road ROW. Portions of the parcel have been surveyed and there is a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-229a. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D-Stage Map Numbers	23
Stream Mile and Bank	TRM 544.9R
Land Use/Land Cover	Fringe forest with maintained ROW vegetation
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 229 – (44.4 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is three noncontiguous tracts of land on the right bank of the Tennessee River at Phillips Branch. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Lake Island Estates and Molyneux subdivisions. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. Portions of the parcel have been surveyed and 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 4-229. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D-Stage Map Numbers	23
Stream Mile and Bank	TRM 544.9R – Phillips Branch mile 0.2R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-154, XWBR-568, XWBR-570, XWBR-571, XWBR-572, XWBR-574, XWBR-575, XWBR-577, XWBR-578, XWBR-579, XWBR-580, and XWBR-581
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 230a – (2.0 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the right bank of the Tennessee River. The parcel fronts former TVA property (XWBR-519 and XWBR-520) that was sold under Section 31 of the TVA Act with deed covenants concerning the development of the land for recreational purposes and a deed provision granting access rights across this parcel. The backlying land was previously Shelton’s Campground, however the property is vacant and there is a new landowner. The land cover is scattered trees and shrubs with herbaceous vegetation and open shoreline. Landward access to the parcel is limited and the parcel is surrounded by private property. Portions of the parcel have been surveyed and 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 4-230a. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D–Stage Map Numbers	23
Stream Mile and Bank	TRM 544.9R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and herbaceous vegetation
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Section 31 sale with deed covenants concerning recreational development

Parcel 230 – (18.4 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the right bank of the Tennessee River. The parcel fronts former TVA property (XWBR-152) that is now designated as Brigadoon Resort. TVA sold this backlying property under Section 4(k)(a) of the TVA Act for commercial recreation purposes, and this parcel serves to support the backlying commercial recreation property. Much of the parcel is mowed and there are a few scattered trees and shrubs along the shoreline. The parcel is accessible by public roadway (Brigadoon Road). Portions of the parcel have been surveyed and 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 and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D–Stage Map Numbers	23
Stream Mile and Bank	TRM 544.9R
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Section 4(k)(a) sale for commercial recreation use • Section 26a permit for water use facilities

Parcel 231 – (4.2 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is comprised of two islands on the right bank of the Tennessee River. The large island is known locally as Half Dollar Island, and it is moderately steep and forested with a mixture of upland and riparian habitat along the reservoir shoreline, which provides important habitat to various water bird and riparian wildlife species typical for this portion of Watts Bar Reservoir. In the forested areas, the dominant species include willow, oak, sycamore, red maple, sweetgum, and mixed pine. Riparian conditions on the island vary from good to fair with typical shoreline vegetation species, including river alder, silky dogwood, and St. John’s wort. There is a moderate amount of invasive nonnative plant species including sericea lespedeza and privet. Half Dollar Island also has a dispersed campsite on the northern end that receives considerable use. The small island is near the shoreline at Parcel 232, and it has scattered trees and open shoreline. There is no landward access to the parcel and public access is limited to watercraft from the reservoir. Portions of the parcel have been surveyed and there is a low probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	117-SE and 123-SW
TVA D–Stage Map Numbers	23 and 24
Stream Mile and Bank	TRM 544.9R
Land Use/Land Cover	Upland deciduous forest
Known Dispersed Recreation Opportunities	Dispersed camping
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 232 – (40.4 acres)

Land Use Allocation: Zone 7, Shoreline Access

This narrow parcel is two noncontiguous tracts of land on the right bank of the Tennessee River at Whites Creek. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Eagle Point, Bella Mara, and Cove Point subdivisions. Parcel 232 is adjacent to two Zone 1 (Non-TVA Shoreland) areas with flowage easement rights (WBR-485F and WBR-486F). The land cover is scattered trees and shrubs with mowed vegetation and areas of open shoreline. Landward access to the parcel is limited and the parcel is surrounded by residential property. Portions of the parcel have been surveyed and 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 4-232. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	117-SE and 123-SW
TVA D–Stage Map Numbers	22 and 23
Stream Mile and Bank	TRM 544.9R – Whites Creek miles 1.0-3.7R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-7, XWBR-151, XWBR-155, and XWBR-519
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 233 – (80.5 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is three noncontiguous tracts of land and some small islands located in the upper Whites Creek embayment. Botanical field surveys of the upper most end of the parcel identified the state-listed plant red starvine (*Schisandra glabra*). Further inspection indicated that the vegetation of the tract is uncommon for this region, and forest species include American beech, big-leaf magnolia, eastern hemlock, eastern white pine, pawpaw, red maple, sassafras, and tulip poplar with the understory vegetation including eastern sweetshrub, fetter-bush, mayapple, mountain laurel, rosebay rhododendron, and shrub yellowroot. Due to the rarity of this habitat type in the area and the presence of a state-listed plant species, this portion of the parcel has been designated as the Whites Creek Alluvial Deposit Forest HPA.

Other portions of the parcel have wetlands and most of the wetlands are palustrine forested wetlands with the dominant tree species being red maple, sweetgum, river birch, green ash, and willow oak. The forested wetlands are adjacent to scattered scrub-shrub and emergent shoreline fringe wetlands with the dominant species being river alder, silky dogwood, St. John’s wort, marsh-mallow, cattail, woolgrass, smartweeds, green bulrush, and numerous other obligate wetland grass and sedge species. This parcel will be managed to enhance the protection of the wetlands, the uncommon forested habitat, and the red starvine populations and its habitat. There is an informal boat launch in the lower portion of the parcel primarily used for canoe and kayak launching. This parcel is accessible by public roadway (Eagle Furnace Road and Eagle Point Drive). Portions of the parcel have been surveyed and there is a medium probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-233. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Roane and Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	123-SW
TVA D-Stage Map Numbers	23 and 24
Stream Mile and Bank	TRM 544.7R – Whites Creek miles 4.0 to 5.5L
Land Use/Land Cover	Palustrine forest, scrub-shrub, forested wetlands
Known Dispersed Recreation Opportunities	Informal boat launch
Committed or Uncommitted	Committed
Current Agreements/Commitments	Permanent easement to Roane County for road ROW

Parcel 234 – (39.6 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of land with the eastern tract in the Whites Creek embayment and the western tract in Camp Creek embayment. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Newport Resort and Whites Creek subdivisions. Further, the parcel is adjacent to three Zone 1 (Non-TVA Shoreland) areas with flowage easement rights (WBR-495F, WBR-496F, and WBR-500F). Wetlands are located on this parcel, which may affect what activities and developments can be permitted on this property. Potential impacts to wetlands or other sensitive resources and any mitigation resulting from potential development of TVA public land would be evaluated during a site-specific environmental review for that request. Landward access to the parcel is limited and the parcel is surrounded by residential property. Portions of the parcel have been surveyed and there is a low 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 4-234. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	117-SE and 123-SW
TVA D-Stage Map Numbers	24
Stream Mile and Bank	TRM 544.7R – Whites Creek miles 4.0 to 5.0R
Land Use/Land Cover	Shoreland with wetlands, scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-5, XWBR-145, XWBR-146, XWBR-147, XWBR-148, XWBR-149, XWBR-150, and XWBR-518
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 235 – (2.5 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located at the confluence of Camp Creek and Whites Creek embayments. The parcel is under a license agreement for Whites Creek Marina and

Lakeside Resort, a commercial recreation facility. Commercial recreation facilities on the parcel include a marina with covered boat slips, bait and tackle shop, concrete boat-launching ramp with courtesy pier, parking area, and swim beach. Commercial recreation facilities are also on private backlying property and include a hotel and cottages. The parcel is accessible by public roadway (Whites Creek Road). Portions of the parcel have been surveyed and 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 4-235. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	117-SE and 123-SW
TVA D-Stage Map Numbers	24
Stream Mile and Bank	TRM 544.7R – Whites Creek mile 4.0L
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Commercial recreation easement for Whites Creek Marina and Lakeside Resort • Commercial recreation license for Whites Creek Marina and Lakeside Resort • Section 26a permit for boat slips and harbor limits

Parcel 236 – (1.5 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one contiguous tract of land located at the upper end of the Camp Creek embayment. The land cover is a combination of maintained vegetation and scattered trees and shrubs and most of the backlying property use is rural residential. The small size of the parcel along with the adjoining land uses limits the value of this area as important wildlife habitat. The parcel is accessible by public roadway (Whites Creek Road). Portions of the parcel have been surveyed and there is a low probability for the presence of cultural resources. 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	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	117-SE
TVA D-Stage Map Numbers	24
Stream Mile and Bank	TRM 544.7R – Whites Creek mile 3.5R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and herbaceous vegetation
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 237 – (87.5 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This large parcel is one contiguous tract of land along the west-northwest shoreline of the Whites Creek embayment between the TWRA public recreation access area (Parcel 12-26) and the mouth of Camp Creek embayment. The parcel contains a variety of habitats including bottomland forest, bluffs, and open land pasture of value to numerous wildlife species. Bottomland species include red and silver maple, sweetgum, and sycamore. Riparian conditions on this parcel vary from good to fair with shoreline vegetation species such as river alder, silky dogwood, and St. John’s wort. There is a moderate amount of invasive nonnative plant species including kudzu, multiflora rose, privet, and sericea lespedeza. There is a dispersed recreation campsite area on this property that is being accessed from adjacent private land. Landward access to the parcel is limited and the parcel is surrounded by residential property. There is a high probability for cultural resources on this parcel, and there are known cultural resources on the parcel. The parcel will be managed in a manner to enhance the protection of wildlife habitat and cultural resources. Requests for private water use facilities would not be considered.

Table 4-237. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	117-SE
TVA D-Stage Map Numbers	24
Stream Mile and Bank	TRM 544.7R – Whites Creek miles 2.7 to 3.5R
Land Use/Land Cover	Bottomland forest, bluffs, and open land pasture
Known Dispersed Recreation Opportunities	Dispersed camping
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 238 – (171.0 acres)*Land Use Allocation: Zone 3, Sensitive Resource Management*

This parcel is one contiguous tract of land located in the Whites Creek embayment and is designated as the Whites Creek SWA. SWAs are sites with exceptional natural, scenic or aesthetic qualities that are suitable for low-impact public use, and where some facilities have been installed to help make the land available to the public (e.g., foot trails, educational signs, and parking areas). There is a 3-mile loop hiking trail on the parcel and it is maintained through a partnership with the Tennessee Citizens for Wilderness Planning (TCWP); the trailhead is located on adjacent Parcel 12-26. Further, TCWP has purchased adjacent backlying property (former Bowater property) to add to the Whites Creek SWA. Whites Creek SWA has great natural and scenic attributes with its high ridges and deeply cut, verdant ravines, its bluffs and secluded bays bordering on the reservoir. Flora in the SWA include sweetgum, American beech, mountain laurel, yellow trillium, bloodroot, fire pink, jack-in-the-pulpit, pussytoes, hog peanut, and false foxglove. There's a native holly grove at the trailhead. Trail improvements have been made over the past several years, and the parking area for the trail has been paved. TVA will continue to manage this parcel in partnership with TCWP. The trailhead is accessible by public roadway (East Roddy Road). There is a high probability for cultural resources on this parcel, and there are known cultural resources on the parcel. Requests for private water use facilities would not be considered.

Table 4-238. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	117-SE
TVA D-Stage Map Numbers	18
Stream Mile and Bank	TRM 544.7R – Whites Creek miles 2.0 to 2.7R
Land Use/Land Cover	Mixed pine and deciduous forest
Known Dispersed Recreation Opportunities	Hiking and wildlife observation
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 239 – (24.1 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one contiguous tract of land located on the right bank of the Tennessee River at Whites Creek embayment and it extends around the point into the Rector Branch inlet. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Apollo Shores Subdivision; the backlying property directly adjacent to the Whites Creek SWA is undeveloped. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. Portions of the parcel have been surveyed and 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 4-239. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE, 124-NW, 117-SE, and 123-SW
TVA D-Stage Map Numbers	18
Stream Mile and Bank	TRM 544.7R – Whites Creek miles 1.0 to 2.0R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-143 and XWBR-144
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 240 – (6.5 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one contiguous tract of land located on the right bank of the Tennessee River at the Rector Branch inlet of the Whites Creek embayment. The parcel is relatively flat and supports an overstory of deciduous trees comprised of black cherry, tulip poplar, sycamore, red maple, sweetgum, American beech, and a few willow oaks near the shoreline. The understory is comprised of young red maple, cherry, eastern red cedar, loblolly pines, American holly, and some young oaks scattered around. There is also a sizable amount of nonnative invasive Chinese privet and Japanese honeysuckle throughout the parcel. The riparian shoreline zone is comprised of red maple, river alder, silky dogwood, sycamore, and scattered willow oaks. This small parcel receives use by common wildlife species known from the area including white-tailed deer, gray squirrel, and resident birds such as Northern cardinal, Carolina wren, tufted titmouse, American crow, and northern flicker. Migratory birds that utilize the parcel include belted kingfisher, pine warbler, eastern phoebe, and white-eyed vireo. The parcel is accessible by public roadway (Toestring Valley Road), but it does not typically receive much public use. There is a high probability for cultural resources on this parcel, and there are known cultural resources on the parcel. 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	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE and 124-NW
TVA D-Stage Map Numbers	18
Stream Mile and Bank	TRM 544.7R – Whites Creek mile 1.0R
Land Use/Land Cover	Deciduous forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 241 – (1.2 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the right bank of the Tennessee River at the Rector Branch inlet of the Whites Creek embayment. This parcel fronts former TVA property (XWBR-142) that was sold under Section 31 of the TVA Act with deeded access rights across this parcel. The small parcel is under a commercial recreation license for Arrowhead Resort and

Marine. Arrowhead Resort is also on backlying private property and recreation facilities include a restaurant and multiple lodging options including camping, cabins, and motel rooms. Commercial recreation facilities present on this parcel include covered boat slips, fixed and floating docks, marine service station, boat-launching ramp, and swimming area. The parcel is accessible by public roadway (Bennett Drive). 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 4-241. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE and 124-NW
TVA D-Stage Map Numbers	18
Stream Mile and Bank	TRM 544.7R – Whites Creek mile 1.0R
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • License to Arrowhead Resort for commercial recreation • Section 26a permits to Arrowhead Resort and Marine for associated recreation structures • Section 26a permit to Spring City for a water intake

Parcel 242 – (16.7 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of land located on the right bank of the Tennessee River at the Rector Branch inlet of the Whites Creek embayment (see Panel Map 1). The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Arrowhead, Broyles, Howell, and True Estates subdivisions. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. This parcel has 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 4-242. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE and 124-NW
TVA D-Stage Map Numbers	17 and 18
Stream Mile and Bank	TRM 544.7R – Whites Creek mile 1.0R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-138, XWBR-139, XWBR-140, XWBR-141, and XWBR-142
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 243 – (2.9 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one contiguous tract on the right bank of the Tennessee River at the Rector Branch inlet of the Whites Creek embayment. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. This parcel has a low 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 4-243. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE and 124-NW
TVA D-Stage Map Numbers	17 and 18
Stream Mile and Bank	TRM 544.7R – Whites Creek mile 1.0R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-138
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 244 – (6.7 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one contiguous tract on the right bank of the Tennessee River at the Rector Branch inlet of the Whites Creek embayment (see Panel Map 2). The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Bayshore Estates, Sunset Hills Estates, and Terrace View Resort subdivisions. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. This parcel has a low 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 4-244. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	18
Stream Mile and Bank	TRM 544.7R – Whites Creek mile 1.0R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-136 and XWBR-137
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 245 – (1.1 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located at the mouth of Whites Creek. The parcel fronts former TVA property (XWBR-136) that was sold under Section 31 of the TVA Act with deeded access rights across this parcel. The small parcel is under a commercial recreation license for Terrace View Marina. Terrace View Marina is also on adjacent private property where a motel/lodge is located. Commercial recreation facilities on this parcel include a full service marina with covered boat slips, fixed and floating docks, restaurant, marine service station, ships store, and boat-launching ramp. The parcel is accessible by public roadway (Euclaw Chapel Road). This parcel has 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 4-245. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Meigs, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	18
Stream Mile and Bank	TRM 544.7R – Whites Creek mile 1.0R
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • License to Terrace View Marina for commercial recreation • Section 26a permit to Terrace View Marina for associated marina structures

Parcel 246 – (3.4 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This small parcel is one contiguous tract of land located where Rector Branch, Whites Creek, and the Tennessee River converge. The parcel is moderately sloped and the land cover is comprised of hackberry, maple, ash, persimmon, a few scattered cottonwoods, and pawpaw in the understory. There is a medium amount of the invasive nonnative plant species privet and mimosa along the shoreline. This parcel does receive some use by common upland and riparian wildlife species, including osprey and herons. The tip of the parcel has a navigation dayboard marker, and the private land immediately adjacent to this parcel is Terrace View Subdivision. This parcel is accessible by public roadway (Hilltop Circle). Cultural resources also exist on this parcel, and the land will be managed to enhance protection of these resources. 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	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	18
Stream Mile and Bank	TRM 544.7R – Whites Creek mile 0.0R
Land Use/Land Cover	Deciduous forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 247 – (10.2 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one contiguous tract of land located on the right bank of the Tennessee River (see Panel 1 and Panel 2). The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Ewing Harbor and Hickory Hills subdivisions. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. This parcel has 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 4-247. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	17 and 18
Stream Mile and Bank	TRM 544.0R
Land Use/Land Cover	Shoreland with scattered trees and shrubs
Fronts Former TVA Tract(s)	XWBR-132, XWBR-133, XWBR-134, and XWBR-135
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 248 – (44.7 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one contiguous tract of land located on the right bank of the Tennessee River (see Panel 1). The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Watts Bar Estates Subdivision. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. This parcel has a low 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 4-248. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D–Stage Map Numbers	17
Stream Mile and Bank	TRMs 542.2 to 543.7R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-130, XWBR-131, and XWBR-132
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 249 – (8.0 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of land located on the right bank of the Tennessee River. The two tracts are separated by Parcel 250 which is under a commercial recreation license to the Eden of the Lakes Resort. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Eden of the Lakes Subdivision. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. This parcel has a low 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 4-249. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D–Stage Map Numbers	17
Stream Mile and Bank	TRMs 542.2 to 542.3R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-128 and XWBR-129
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 250 – (0.9 acre)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the right bank of the Tennessee River. Further, this parcel fronts former TVA property (XWBR-129) that was sold under Section 31 of the TVA Act with deeded access rights across this parcel. The property is currently under a license agreement for Eden Marina and Campground, and most of this commercial recreation facility is also on private backlying property. Commercial recreation facilities on this parcel include covered boat slips, fixed and floating docks, marine service station, swim beach, boat-launching ramp, and RV campground. Thirty-five sites are available for RV camping and all sites offer water and electric hookups while some offer septic. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. The parcel is accessible by public roadway (Scenic Lakeview Drive). This parcel has 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 4-250. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	17
Stream Mile and Bank	TRM 542.2R
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • License to Eden Marina and Campground for commercial recreation • Section 26a permit for marina and campground structures

Parcel 251b – (3.2 acres)*Land Use Allocation: Zone 7 – Shoreline Access*

This parcel is one contiguous tract of land located on the right bank of the Tennessee River. This parcel is the site of the former Red Cloud Campground and it fronts former TVA property with shoreline access rights that has been developed for residential use including Red Cloud Colony Subdivision. This parcel has a low probability for the presence of cultural resources. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. This parcel has a low 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 4-251b. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	17
Stream Mile and Bank	TRM 542.0R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-128
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 251 – (20.7 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of land located on the right bank of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Goose Pointe and Red Cloud Colony subdivisions. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. This parcel has a low 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 4-251. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	17
Stream Mile and Bank	TRMs 541.5 to 542.0R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-128
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 252 – (12.2 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of land located on the right bank of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Keys on the Lake Subdivision. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. This parcel has 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 4-252. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	17
Stream Mile and Bank	TRM 541.5R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-126
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 253 – (19.2 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is two noncontiguous tracts of land with one tract located upstream from the former Stump Hollow Campground and the other tract located on the north side of the Iron Hill Island cut through adjacent to Keys on the Lake Subdivision. Both of these tracts are flat to moderately sloped with typical riparian tree species including sweetgum, persimmon, red maple, and river alder on the shoreline. The portion of this parcel near the cut through has a scattered deciduous woodland in a park-like setting with most of the understory being mowed by adjacent landowners. Portions of the parcel are accessible by public roadway (Stump Hollow Road and Debbie Drive). There are known cultural resources on the parcel, and the parcel provides a visual buffer for historic structures on nearby private property. This parcel will be managed to enhance the protection of these resources. 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	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	17
Stream Mile and Bank	TRM 541.5R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 254 – (426.7 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is comprised of Iron Hill Island and two adjacent small islands on the main channel of the Tennessee River. About 40 acres of the southwest end of Iron Hill Island has been under a land use permit to TWRA for wildlife management purposes since 1956, and TWRA staff plants much of this acreage with wildlife food crops on an annual basis. In addition, several shoreline stabilization projects have occurred on this parcel over the past several years. The remainder of Iron Hill Island is comprised of various age and size stands of upland mixed deciduous forest and riparian bottomland forest cover. This mix of forest cover types creates the ideal habitat conditions for a wide variety of mammal, bird, reptile, and amphibian species. The island provides particularly good habitat for white-tailed deer with the area receiving significant use by deer hunters. The island is of particular importance to water oriented birds such as belted kingfishers, herons, ospreys, and bald eagles, providing perching, roosting, and nesting habitat for such species. Additionally, some portions of the island shoreline contain important scrub-shrub and emergent wetlands. There is no landward access to the parcel and public access is limited to watercraft from the reservoir. There is a high probability for cultural resources on this parcel, and there are known cultural resources on the parcel. This parcel will be managed to enhance the protection of these sensitive natural and cultural resources that are present on the parcel, while allowing for appropriate levels of dispersed recreational use. Requests for private water use facilities would not be considered.

Table 4-254. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	14, 15, and 17
Stream Mile and Bank	TRMs 536.5 to 541.5R
Land Use/Land Cover	Upland deciduous and mixed forest, bottomland forest, cropland, and wetlands
Known Dispersed Recreation Opportunities	Hunting and camping
Committed or Uncommitted	Committed
Current Agreements/Commitments	Land use permit to TWRA for wildlife management

Parcel 255 – (8.7 acres)*Land Use Allocation: Zone 4, Natural Resource Conservation*

This parcel consists of an island near the southern tip of Iron Hill Island (Parcel 254) known as Sand Island. This parcel is popular with boaters and campers as a dispersed recreation area, and Rhea County picks up litter on the island during the summer recreation season. The land cover is a mixture of upland and riparian habitat along the reservoir shoreline, which provides some habitat for a variety of both upland and riparian wildlife species typical for this portion of Watts Bar Reservoir. In the forested areas, the dominant species include willow, oak, sycamore, red maple, sweetgum, mixed pine, and elm. Riparian conditions on this parcel vary from good to fair with typical shoreline vegetation. There is a moderate amount of invasive nonnative plant species including sericea lespedeza and privet. There is no landward access to the parcel and public access is limited to watercraft from the reservoir. There is a low probability for cultural resources on this parcel. 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	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	124-NW
TVA D-Stage Map Numbers	15
Stream Mile and Bank	TRM 538.3
Land Use/Land Cover	Deciduous forest
Known Dispersed Recreation Opportunities	Camping and picnicking
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 256a – (0.1 acre)*Land Use Allocation: Zone 4, Natural Resource Conservation*

This small parcel is one contiguous tract of land located on the right bank of the Tennessee River. This parcel fronts former TVA property (XWBR-122) which had shoreline access rights, however the adjacent backlying property owner extinguished the shoreline access rights along 150 feet of shoreline through a deed modification (XWBR-122, S.1X) under TVA's former Maintain and Gain program. The associated Maintain and Gain property where shoreline access rights were gained (WBR-122,S.1Q) is located in Roane County at TRM 577.3L immediately adjacent to Parcel 89a. Parcel access is mostly limited to watercraft from the reservoir. There is

a low probability for the presence of cultural resources on this parcel. The backlying property no longer has shoreline access rights and requests for private water use facilities would not be considered.

Table 4-256a. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE and 124-NW
TVA D-Stage Map Numbers	14
Stream Mile and Bank	TRM 536.0R
Land Use/Land Cover	Scattered riparian trees and shrubs with open shoreline
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Deed modification

Parcel 256 – (34.1 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of land located on the right bank of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Iron Hill Crossing, Lakeside, Paradise Cove, and Rivermyst subdivisions. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. There is a low probability for the presence of cultural resources on this parcel. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-256. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE and 124-NW
TVA D-Stage Map Numbers	14 and 17
Stream Mile and Bank	TRMs 536.0 to 537.2R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-122, XWBR-123, XWBR-124, and XWBR-125
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 257 – (9.3 acres)*Land Use Allocation: Zone 4, Natural Resource Conservation*

This parcel is one contiguous tract of land located on the right bank of the Tennessee River and is a part of Godsey Hollow. The parcel is relatively steep with various aspects surrounding a fairly large cove and is predominantly forested with a deciduous and mixed pine overstory, which provides habitat for a wide array of wildlife species that utilize riparian zones such as great-blue herons, ospreys, and belted kingfishers. There are some unauthorized off-road vehicle trails on the upstream portion of the parcel coming off the adjacent private property. Beyond habitat value, these cove areas provide some seclusion and have potential for dispersed recreation use. Landward access is limited and the nearest public roadway is River Run Trail. There is a low probability for the presence of cultural resources on this parcel. Requests for private water use facilities would not be considered.

Table 4-257. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	14
Stream Mile and Bank	TRM 536.0
Land Use/Land Cover	Deciduous and mixed pine forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 258 – (14.1 acres)*Land Use Allocation: Zone 2, Project Operations*

This parcel is one contiguous tract of land on the right bank of the Tennessee River and serves as a navigation safety harbor. The land cover for this steep parcel is a mixture of upland and riparian habitat along the reservoir shoreline, which provides some habitat for a variety of both upland and riparian wildlife species typical for this portion of Watts Bar Reservoir. The parcel receives some dispersed recreation use in the form of hunting, hiking, and wildlife observation. There is no direct landward public access to the parcel and access is limited to watercraft from the reservoir. There is a low probability for the presence of cultural resources on this parcel. 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	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	14
Stream Mile and Bank	TRMs 535.6 to 535.9R
Land Use/Land Cover	Deciduous forest
Known Dispersed Recreation Opportunities	Hunting, hiking, and wildlife observation
Committed or Uncommitted	Committed
Current Agreements/Commitments	Navigation safety harbor

Parcel 259 – (12.2 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one contiguous tract of land located on the right bank of the Tennessee River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Sherwood Shores Subdivision. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. There is a low probability for the presence of cultural resources on this parcel. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-259. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	11, 13, and 14
Stream Mile and Bank	TRMs 534.0 to 535.6R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-120 and XWBR-121
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 260 – (48.6 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is three noncontiguous tracts of land located along the right bank of the Tennessee River and partially in the Piney River embayment. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Lakewood Village and Baldwin subdivisions. Further, Parcel 260 is adjacent to Zone 1 (Non-TVA Shoreland) areas with flowage easement rights (WBR-302F). The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. This parcel has a low 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 4-260. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	7 and 11
Stream Mile and Bank	TRMs 533.0 to 534.0R and Piney River miles 0.0 to 1.5L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-118 and XWBR-119
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 261 – (16.5 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is two noncontiguous tracts of land located along the right bank of the Tennessee River. The parcel is moderate to steeply sloped in some areas and is comprised of mostly upland deciduous forest cover. The adjacent backlying property is residential, and portions of the parcel have seen unauthorized vegetation removal and mowing by backlying residential landowners. Portions of the parcel are accessible by public roadway (Osage Court and Hickory Drive). This parcel has a low probability for the presence of cultural resources. There are approved water use facilities on this parcel, but water use facilities at additional locations on this parcel would only be considered where approved water use facility permits exist or at a location where the 750-foot contour abuts the former TVA property (XWBR-118 near markers 117 and

118, a 33-foot section of the boundary land meets the adjoining former TVA property on the 750-foot contour).

Table 4-261. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	11
Stream Mile and Bank	TRM 536.1R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Approved water use facilities

Parcel 262 – (41.0 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is three noncontiguous tracts of land located on the left bank of the Piney River and in the Toestring Branch embayment. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Hicks, Stewart Point, and Ware Farms subdivisions. Parcel 262 is adjacent to Zone 1 (Non-TVA Shoreland) areas with flowage easement rights (WBR-178F). The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. This parcel has a low 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 and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	11 and 13
Stream Mile and Bank	Piney River mile 2.0 to 2.2L
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-105, XWBR-107, XWBR-108, XWBR-109, XWBR-110, XWBR-111, XWBR-112, XWBR-113, XWBR-114, XWBR-115, XWBR-116, XWBR-117, XWBR-622, and XWBR-623
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 263 – (14.3 acres)*Land Use Allocation: Zone 4, Natural Resource Conservation*

This parcel is two noncontiguous tracts of land on the left bank of the Piney River and the two tracts occur on opposite sides of the Toestring Branch embayment. The northern-most tract is located on the upper end of the embayment on the right descending shoreline and is the site of a former TWRA access area that was reconveyed to TVA. Most of this narrow, linear, northwest-facing tract lies between Buzzard Roost Road and the shoreline and is mostly comprised of upland deciduous forest with oaks, sugar maple, sweetgum, tulip poplar, and scattered eastern red cedar stands being prevalent. The area becomes more of a bottomland forest towards the upper end of the cove, and there is water willow and river alder along the shallow shoreline segments. There is one large dispersed recreation campsite toward the southern end of the tract as well as scattered dispersed recreation use on other parts of the shoreline such as camping and bank fishing. The other tract is located toward the mouth of Toestring Branch on the right descending shoreline and abuts residential development on both ends. There is upland deciduous forest with other areas dominated by oaks, tulip poplar, red maple, and sourwood. Both of these tracts provide good riparian habitat. Both tracts are accessible by public roadway (Buzzard Roost Road and Piney Point Road). There is a medium probability for cultural resources on this parcel, and there are known cultural resources on the parcel. Requests for private water use facilities would not be considered.

Table 4-263. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	11 and 13
Stream Mile and Bank	Piney River mile 2.0L
Land Use/Land Cover	Upland and bottomland riparian forest
Known Dispersed Recreation Opportunities	Camping and bank fishing
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 264 – (5.2 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract on the left bank of Piney River. The parcel fronts former TVA property (XWBR-491) sold for commercial recreation purposes under Section 4(k)(a) of the TVA Act. This parcel supports the Piney Point Fishing Resort which is also on adjacent private backlying property. Commercial recreation facilities on this parcel include a restaurant, covered boat slips, fixed and floating docks, and boat-launching ramp, and rental cabins are on the private backlying property. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. This parcel is accessible by public roadway (Piney Point Road). There is a low probability for cultural resources on this parcel. Requests for use of TVA lands and associated water-based structures to support developed recreation purposes would be considered.

Table 4-264. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	11
Stream Mile and Bank	Piney River mile 2.2L
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Section 4(k)(a) sale for commercial recreation use • Section 26a permit for marina and campground structures

Parcel 265 – (51.4 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is three noncontiguous tracts of land with one tract located on the left bank of the Piney River and two tracts located on the left bank of Muddy Creek embayment. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Dogwood Cove, Estes Woods Estates, Piney Bay, Piney Shores Estates, and Spring Cove subdivisions. Further, Parcel 265 is adjacent to Zone 1 (Non-TVA Shoreland) areas with flowage easement rights (WBR-548F, WBR-557F, and WBR-558F). The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas, and wetlands are on this parcel, which may affect what activities and developments can be permitted on this property. Potential impacts to wetlands or other sensitive resources and any mitigation resulting from potential development of TVA public land would be evaluated during a site-specific environmental review for that request. Landward access to the parcel is limited and the parcel is surrounded by residential property. This parcel has a medium probability for the presence of cultural resources. Water use facilities been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-265. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	6, 11, 12, and 13
Stream Mile and Bank	Piney River miles 2.3 to 4.3R
Land Use/Land Cover	Shoreland with wetlands, scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-98, XWBR-99, XWBR-100, XWBR-101, XWBR-102, XWBR-104, and XWBR-621
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 266 – (99.6 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land with a small peninsula located on the left bank of the Piney River and is known as the former Rhea Springs TVA Recreation Area. A 33-acre portion on the western side of the parcel is under license to Rhea County for public recreation purposes, including camping. Facilities present on this parcel include camp sites, restrooms,

showers, a boat-launching ramp, swimming beach, picnic tables, and picnic pavillion. The remainder of the parcel is forested and the land cover is a mixture of upland deciduous forest and riparian habitat along the reservoir shoreline. The parcel is accessible by public roadway (Rhea Springs Road). This parcel has 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 4-266. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	6 and 12
Stream Mile and Bank	Piney River mile 4.6L
Land Use/Land Cover	Developed/low intensity with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • License to Rhea County for public recreation • Section 26a permits for recreation structures

Parcel 267 – (25.0 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is five noncontiguous tracts of land on the left bank of the Piney River immediately above and below the Toestring Valley Road Bridge crossing Muddy Creek. The first tract lies immediately downstream of the bridge on the left bank of Muddy Creek and is comprised of flat, open grassland that is being grazed by cattle from the adjoining farm down to the shoreline. The next tract lies on the right descending shoreline downstream of the bridge and is predominantly comprised of planted loblolly pine with a mixture of common bottomland forest species on a gentle slope. Kudzu is common on portions of this area, while the shallow shoreline supports some wetland fringe vegetation such as water willow and marsh-mallow. The last three tracts of the parcel are located on both sides of the creek banks upstream of the bridge. These areas are primarily comprised of low-lying bottomland forest stands, two of which immediately abut a significant wetland habitat further upstream on Parcel 268. These tracts also support shoreline fringe, scrub-shrub, and emergent wetland vegetation. Furthermore, backlying land use on these tracts varies from rural residential to agricultural. The tracts upstream from the Toestring Valley Road Bridge provide habitat for a variety of both upland and wetland wildlife species including white-tailed deer, beaver, muskrat, wood ducks, herons, resident and neo-tropical

migrant songbirds, red-shouldered hawk, and numerous reptiles and amphibians. The downstream parcel segments provide more limited habitat values due to ongoing cattle grazing on one tract and the presence of kudzu on the other tract. This parcel is accessible by public roadway (Muddy Creek Road and Toestring Valley Road). This parcel has 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	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	12 and 13
Stream Mile and Bank	Piney River mile 4.6L
Land Use/Land Cover	Open grassland, wetlands, and deciduous forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 268 – (39.3 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is one contiguous tract of land located on the left bank of the Piney River in the upper Muddy Creek embayment and encompasses a substantial wetland complex. The wetlands vary from diverse palustrine forested, scrub-shrub, and emergent wetland types to forested vernal pool areas toward the upper end of the tract. Dominant tree species present in the vernal pool areas include green ash, black willow, boxelder, and sycamore with silky dogwood, buttonbush, and river alder being dominant species. Soils in much of this area are listed as Hydric Soils in Tennessee.

The wetlands found on this property provide numerous functions including sediment and nutrient removal and sequestration, local floodwater retention, and maintenance of floral and faunal biodiversity. Probably the most significant value provided by this wetland complex is its provision of wildlife habitat and the opportunities provided to the public to enjoy these amenities. These wetlands are of particular importance to various amphibians including spotted salamanders, American and Fowler’s toads, Western chorus frogs, spring peepers, and Cope’s gray tree frogs. Furthermore, these large forested wetland areas act as valuable habitat

to some large raptors including red-shouldered hawks and barred owls. Additionally, white-tailed deer and numerous other mammals utilize this habitat as well as many resident and migratory bird species including wood ducks, mallards, herons, woodcocks, and several neo-tropical songbirds, in particular prothonotary warblers, a species of growing regional concern. This parcel will be managed in a manner as to protect these wetlands, their functions, and their values. The parcel is accessible by public roadway (Mars Hill Road). This parcel has a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-268. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	13
Stream Mile and Bank	Piney River mile 4.6L
Land Use/Land Cover	Forested, scrub-shrub, and emergent wetland
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 269 – (38.0 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is three noncontiguous tracts of land located on the left bank of the Piney River in the upper Muddy Creek embayment. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Cedar Heights, Holiday Estates, Holiday Point, Isaacs Estates, and Lake Haven Estates subdivisions. Further, Parcel 269 is adjacent to Zone 1 (Non-TVA Shoreland) areas with flowage easement rights (WBR-175, WBR-559F, and WBR-560F). Wetlands are located on this parcel, which may affect what activities and developments can be permitted on this property. Potential impacts to wetlands or other sensitive resources and any mitigation resulting from potential development of TVA public land would be evaluated during a site-specific environmental review for that request. Landward access to the parcel is limited and the parcel is surrounded by residential property. This parcel has a low 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 4-269. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	12, 12-1, and 13
Stream Mile and Bank	Piney River mile 4.6L
Land Use/Land Cover	Shoreland with wetlands and scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-89, XWBR-90, XWBR-91, XWBR-92, XWBR-93, XWBR-94, XWBR-95, XWBR-96, XWBR-97, and XWBR-591
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 270 – (53.4 acres)*Land Use Allocation: Zone 6, Developed Recreation*

This parcel is three noncontiguous tracts of land and a few small islands located on the left bank of the Piney River. The southwestern portion of this parcel fronts former TVA property (XTWBR-90) that was conveyed to the Town of Spring City for use as a public municipal park. Further, the parcel is encumbered with a recreation easement (XTWBR-91E) granted to the Town of Spring City for municipal park purposes. The eastern portion of the parcel is undeveloped and the land cover is mixed deciduous forest. Species such as tulip poplar, white oaks, and red oaks comprise the larger canopy species in much of the forest. Riparian conditions on this parcel vary from good to fair with typical shoreline vegetation species, including river alder, silky dogwood, and St. John's wort. Further, the Town of Spring City may eventually add a new driveway, boat-launching ramp, courtesy pier and parking area in the southeastern portion of the parcel.

The western portion of the parcel has been developed for public recreation purposes and is known as Spring City Veteran's Park. Park amenities present on this tract include a tennis court, basketball court, sand volleyball court, walking trails, picnic tables, picnic pavilions, playground equipment, splash pad, and restrooms. The area receives heavy dispersed recreation use, and it is the location of the Free Fishing Day event, which is sponsored by TWRA, the Watts Bar Lake Association, and TVA. This annual event is held to help familiarize children and adults with the fun of fishing and hundreds of children participate each year. The land cover in this area is mostly open mowed areas with a combination of scattered riparian trees and shrubs and open shoreland.

The southwestern portion of this parcel is along New Lake Road and is the location of little league baseball fields, the Dixie League Youth Ball fields. The land cover in this area is also mostly open mowed areas with a combination of scattered riparian trees and shrubs and open shoreland. The parcel is accessible by public roadway (Toestring Valley Road, New Lake Road, and Park Road). Portions of the parcel have been surveyed and 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 4-270. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	6, 12-1, and 12-2
Stream Mile and Bank	Piney River mile 4.5B
Land Use/Land Cover	Developed/low intensity with scattered trees and shrubs along the shoreline
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easement to the Town of Spring City for municipal park purposes • Permanent easement to the Town of Spring City for pipeline • Permanent easement to the Town of Spring City for roadway and ROWs • Section 26a permits to the Town of Spring City for water intakes, utilities, breakwater, riprap areas, retaining wall, pedestrian bridge, vegetation management plan, park structures, driveway, boat-launching ramp, courtesy pier, and parking area

Parcel 271a – (1.9 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land and is located on Toestring Valley Road across from Parcel 270 (Spring City Veterans Park). The undeveloped parcel is mostly flat, and the land cover is primarily open field and early successional vegetation and is intended to support the recreation area across the street during special events. The parcel is accessible by public roadway (Toestring Valley Road). This parcel has a low 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 4-271a. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	12-1
Stream Mile and Bank	Piney River mile 6.0R
Land Use/Land Cover	Early successional and maintained vegetation
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 271 – (12.1 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one contiguous tract of land located along both sides of the Piney River upstream of Toestring Valley Road in Spring City. Much of the parcel is situated adjacent to private residences and is near Spring City Park (Parcel 270). The most upstream portion of the parcel supports some forested riparian habitat on a moderate slope but mainly consists of open field. This area provides some limited habitat for wildlife, and the adjacent slough provides local floodwater attenuation/storage during major flood events on the Piney River. The parcel is accessible by public roadway (Toestring Valley Road). This parcel has a low probability for the presence of cultural resources, but it has not been surveyed. Requests for private water use facilities would not be considered.

Table 4-271. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	12-1
Stream Mile and Bank	Piney River mile 6.0B
Land Use/Land Cover	Forested riparian zone and open field
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 272 – (1.1 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is one contiguous tract of land located on the right bank of Piney River and it fronts the Spring City Disposal Plant. The parcel is allocated as Project Operations to support a sewer outfall licensed to Spring City. This parcel is on the portion of property between the disposal plant and the reservoir and it is comprised of a forested riparian zone made up of sycamore, green ash, and various oak species on this parcel. The parcel is accessible by public roadway (Lakeshire Drive). This parcel has a low probability for the presence of cultural resources, but it has not been surveyed. Requests for private water use facilities would not be considered.

Table 4-272. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D–Stage Map Numbers	4, 6, and 12-2
Stream Mile and Bank	Piney River mile 5.0R
Land Use/Land Cover	Shoreland with scattered trees and shrubs
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • License to Spring City for sewer outfall • Section 26a permits to Spring City for outfall and signage

Parcel 273 – (10.5 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is three noncontiguous tracts of land located on the right bank of the Piney River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including the Hoovers Landing, Shang-Ra-La, Sunrise Estates, and Taylors Landing subdivisions. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. This parcel has a medium probability for the presence of cultural resources, but it has not been surveyed. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-273. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	4, 6, and 12-2
Stream Mile and Bank	Piney River mile 5.0R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-80, XWBR-84, XWBR-85, XWBR-86, XWBR-558, XWBR-559, XWBR-560, XWBR-561, XWBR-562, XWBR-563, XWBR-564, XWBR-565, and XWBR-566
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 274b – (2.0 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one contiguous tract of land located on the Piney River at Wolf Creek that is the site of a former barge terminal. The backlying property ownership has changed to residential use including Stone Village Subdivision, and the parcel fronts former TVA property with shoreline access rights. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed vegetation. Landward access to the parcel is limited and the parcel is surrounded by residential property. This parcel has a low probability for the presence of cultural resources, but it has not been surveyed. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-274b. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	4
Stream Mile and Bank	Piney River mile 4.5R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-80
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 275 – (1.1 acres)

Land Use Allocation: Zone 6, Developed Recreation

This small parcel is one contiguous tract of land located on the right bank of the Piney River and it fronts the Rhea Harbor Resort and Marina. This property is under a license agreement for commercial recreation and a portion of the resort and marina is also on adjacent private property. Rhea Harbor Resort and Marina is a full service marina with covered and open boat slips, houseboat slips, and refueling service station. The land cover is developed/open space with maintained areas and scattered mature trees and shrubs. It is important to note that backlying land may have deeded access rights across this parcel. The parcel is accessible by public roadway (Lakeshire Drive). This parcel has 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 4-275. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	6
Stream Mile and Bank	Piney River mile 5.0R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • License to Rhea Harbor Inc. for commercial recreation purposes • Section 26a permits to Rhea Harbor Inc. for marina structures and harbor limits

Parcel 276 – (48.6 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is comprised of ten noncontiguous islands located at the mouth of the Wolf Creek embayment and Piney River known as the Wolf Creek Islands. The largest island, Duck Island, is under a land use permit to TWRA for wildlife management purposes. TWRA has traditionally planted a large portion of Duck Island with food crops to benefit resident and migratory waterfowl and provide a recreational opportunity for waterfowl hunters. Another island known as Cemetery Island houses the site of Leuty Cemetery, This island has been stabilized with riprap by TVA to protect the existing gravesites from further degradation by wave action erosion.

All of these islands support a variety of forested, scrub-shrub, and emergent wetland types with common vegetation being silver and red maple, green ash, sycamore, river birch, black willow, willow oak, river alder, silky dogwood, St. John's wort, water willow, and woolgrass. TWRA has planted bald cypress trees adjacent to several of these islands to provide fish habitat and erosion protection. These islands provide very important habitat to a host of wildlife species, particularly wading birds and waterfowl, such as great blue, green and black-crowned night-herons, mallards, and wood ducks. Ospreys also commonly use these islands for perching and as nesting substrate. These islands will be managed in a manner as to protect the waterfowl and wetlands currently existing on this parcel. Public access is limited to watercraft from the reservoir. Portions of the parcel have been surveyed and there is a high probability for the presence of cultural resources. 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	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	6
Stream Mile and Bank	Piney River mile 4.0 to 5.0R
Land Use/Land Cover	Wetlands, bottomland forest, and crop land
Known Dispersed Recreation Opportunities	Hunting and dispersed camping
Committed or Uncommitted	Committed
Current Agreements/Commitments	Land use permit to TWRA for wildlife management

Parcel 277 – (12.2 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the Piney River that fronts former TVA property (XTWBR-89) that was conveyed to the Town of Spring City for the establishment and operation of a municipal park. Parcel 277 is under a license for commercial recreation purposes for Spring City Resort and Marina. The parcel is a narrow shoreline strip that surrounds the cove and it's combined with the adjacent backlying property to support the resort and marina. Facilities include a restaurant, boat-launching ramp, courtesy pier, fuel dock, ship store, swim beach, and open and covered boat slip facilities. Backlying property also has cabins and RV camp sites. The land cover on the north side of the cove is a combination of scattered mature trees and shrubs with open shoreland and mowed areas, and the south side of the cove is

undeveloped with deciduous forest. The parcel is accessible by public roadway (New Lake Road). This parcel has a low 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 4-277. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D–Stage Map Numbers	6
Stream Mile and Bank	Piney River mile 5.0R
Land Use/Land Cover	Developed/open space with scattered trees and shrubs along the shoreline and deciduous forest
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Deed for XTWBR-89 • License agreement to the Town of Spring City for recreation purposes • Section 26a permit to the Town of Spring City for marina structures

Parcel 278 – (19.3 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one contiguous tract of land located around a small, shallow embayment of an unnamed tributary that flows out of Long Hollow on the west side of New Lake Road. The north side of this relatively low-lying parcel is comprised of a wooded shoreline area with open areas being maintained by adjoining private landowners by periodic mowing. The south side of the parcel consists of scrub-shrub and wetland fringe vegetation such as silky dogwood, leadbush, alder, and various sedges and rushes with young riparian zone habitat along the shoreline . These shrubby-type, early successional areas in juxtaposition to narrow fringe wetlands provide water quality improvement functions and habitat for some wildlife species such as song sparrows, swamp sparrows, common yellowthroats, northern cardinals, and white-eyed vireos. The parcel is accessible by public roadway (New Lake Road). This parcel has a medium probability for the presence of cultural resources, but it has not been surveyed. 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	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	6
Stream Mile and Bank	Piney River mile 5.0R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, wetlands, and maintained vegetation
Fronts Former TVA Tract(s)	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 279 – (23.4 acres)

Land Use Allocation: Zone 6, Developed Recreation

This parcel is one contiguous tract of land located on the Piney River at Wolf Creek. The parcel fronts former TVA property (XTWBR-89) that was conveyed to the Town of Spring City for the establishment and operation of a municipal park. This parcel is allocated as Developed Recreation to allow for expansion of the adjacent Spring City Resort and Marina. The parcel is undeveloped and the land cover is mixed deciduous forest. Species such as tulip poplar, white oaks, and red oaks comprise the larger canopy species in much of the forest, and typical shoreline vegetation species, including river alder and silky dogwood are on the parcel. The parcel is accessible by public roadway (Johnson Circle). This parcel has 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 4-279. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	4 and 6
Stream Mile and Bank	Piney River mile 5.0R
Land Use/Land Cover	Deciduous forest
Committed or Uncommitted	Committed
Current Agreements/Commitments	Deed for XTWBR-89

Parcel 280 – (70.4 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is three noncontiguous tracts of land that lie along the right and left banks of the upper Wolf Creek embayment. Much of the parcel is adjacent to residential development. The most downstream left bank tract is adjacent to Parcel 279 and is mostly made up of early successional deciduous forest cover with some scattered pines. The next tract is between Parcels 274b and 281 and is vegetated with bottomland riparian tree species on the lower end and mostly planted pine on the upper end near SR-68 and New Lake Road. Much of the vegetation on the downstream end of this tract is being mowed and maintained by the adjoining land owners with several boats moored along the shoreline and some seawalls present, reducing the habitat value of some portions of this parcel segment.

The largest tract lies along the right bank of Wolf Creek and is between Parcel 282 and Parcel 283. A portion of this tract fronts Cedar Point RV Park and Cabins, a commercial recreation area on adjacent private property. Vegetation on this tract segment is a mixture of pines and deciduous forest at various successional stages. Several small pine stand harvests have been conducted in this segment in the last 20 years with these areas reverting to mixed deciduous forest. Further, there is one large dispersed camping area associated with a long-standing encroachment for vegetation removal on a portion of the shoreline, which is eroding in some places.

This parcel provides a variety of riparian habitat types that are attractive to various wildlife guilds. This parcel's habitats are likely of most importance to wildlife dependent on early successional and scrub-shrub areas. Existing unauthorized uses and the parcel's proximity to residential development and busy roadways limits the habitat value near those areas. Portions of the parcel are accessible by public roadway (New Lake Road, SR-68, and Wolf Creek Road). This parcel has a high probability for the presence of cultural resources, but it has not been surveyed. 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	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	4 and 6
Stream Mile and Bank	Piney River mile 4.5R
Land Use/Land Cover	Mixed deciduous forest
Known Dispersed Recreation Opportunities	Dispersed camping
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 281 – (8.1 acres)*Land Use Allocation: Zone 3, Sensitive Resource Management*

This wetland parcel is one contiguous tract of land located in the back of a cove along the upper reaches of the Wolf Creek embayment just downstream of where SR-68 crosses the creek. This area, which is underlain by State of Tennessee listed hydric soils, supports high quality palustrine forested, scrub-shrub, and emergent wetland types. Dominant tree species present on this parcel include river birch, green ash, red maple, and sweetgum with silky dogwood, leadbush, and St. John's wort being the most common shrubs. Herbaceous plant species on this parcel are quite diverse and include woolgrass, asters, rice cutgrass, marsh-mallow, smartweeds, and numerous nutsedge species.

These wetlands provide numerous functions including sediment and nutrient removal and sequestration, local floodwater retention, and maintenance of floral and faunal biodiversity. The proximity of these wetlands to the shallow mudflat reservoir littoral zone enhances their overall functions and values. These wetlands are of particular importance to various amphibians including spotted salamanders, American and Fowler's toads, western chorus frogs, spring peepers, and Cope's gray tree frogs. Furthermore, these large forested wetland areas act as valuable habitat to some large raptors including red-shouldered hawks and barred owls. Additionally, white-tailed deer and numerous other mammals utilize this habitat as well as many resident and migratory bird species including wood ducks, mallards, herons, woodcocks, and several neo-tropical songbirds, in particular prothonotary warblers, a species of growing regional concern. This parcel will be managed in a manner as to protect these wetlands, their functions, and their values. The parcel is accessible by public roadway (Watts Bar Highway/SR-68). This

parcel has a medium probability for the presence of cultural resources, but it has not been surveyed. 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	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	4
Stream Mile and Bank	Piney River mile 4.5R
Land Use/Land Cover	Forested, scrub-shrub, and emergent wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 282 – (168.8 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is one narrow, contiguous tract of land that lies along Watts Bar Highway/SR-68 from Watts Bar Dam to US-27 with a small portion located at the intersection of SR-68 and US-27. There is an existing railroad track located on this parcel that runs along the side of SR-68 that was used to bring in materials for the construction of Watts Bar Nuclear Plant. A portion of the railroad and the intersection of SR-68 and US-27 have been relocated for safety purposes by TDOT. The TVA railroad spur crosses US-27, but TVA agreed to allow TDOT to pave over the railroad spur for safety purposes until a time comes when it is needed by TVA. There are several existing licenses and easements on this parcel for public infrastructure including utilities and roadways. There are also some driveways along SR-68 that cross the railroad tracks with no existing easements or licenses in place for these uses. A portion of this parcel lies in the upper reaches of Wolf Creek and has an agricultural license present with a buffer of 30 feet around the creek to protect water quality and provide wildlife habitat. The parcel is accessible by public roadway (Watts Bar Highway/SR-68). This parcel has a low probability for the presence of cultural resources, but it has not been surveyed. Requests for private water use facilities would not be considered.

Table 4-282. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NW, 118-NE, and 118-SE
TVA D-Stage Map Numbers	1, 3, and 4
Stream Mile and Bank	Piney River mile 4.5R
Land Use/Land Cover	Developed/open space and ROWs with scattered trees and maintained vegetation
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easements to TDOT for roadways • Permanent easements to Watts Bar Utility District for water supply and water lines • Permanent easement to South Central Bell for telephone line • Permanent easement to Town of Spring City for sewer line • Permanent easement to Rhea County for roadway • License to Watts Bar Utility District for water line • Licenses to Volunteer Electric for power lines • License to Rhea County for driveway • License to Rockwood Electric Utility for power line • Section 26a permits to the Town of Spring City for sewer lines

Parcel 283 – (131.5 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is two noncontiguous tracts of land that lie on the right descending bank of the Wolf Creek embayment from the upper end of Cracker Creek down to the upper end of Holloway Branch. The parcel encompasses a popular dispersed recreation use area known as Jackson Island as well as a historic Euro-American cemetery. Land cover of this parcel, which is flat to moderately sloped, is a mixture of upland deciduous forest, pockets of Virginia pine, and former agricultural land that is reverting back to mixed forest and scrub pine cover. There are also some scattered scrub-shrub and emergent shoreline fringe wetlands primarily located in the backs of coves where creeks and tributaries enter the reservoir. This parcel features an array of habitats utilized by a variety of wildlife species common to the area including white-tailed deer, gray squirrel, and other forest mammals, which support some limited hunting activities by the public. However, the primary use of this parcel is for dispersed recreational uses.

In addition to the Jackson Island area, there are other dispersed campsites located along portions of the parcel’s shoreline. TVA has an existing partnership with Rhea County through a litter grant that allows the county to keep the Jackson Island area cleaned up for public use. In addition, TVA has improved the Jackson Island area by adding bear saver trashcans, improving shoreline and road access, bank stabilization, and access control measures to mitigate damage to the parcel. The parcel is accessible by public roadway (Old Rhea Springs Road and McCabe Road). Portions of the parcel have been surveyed and there is a high probability for the presence of cultural resources. 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	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	4 and 6
Stream Mile and Bank	Piney River mile 4.5R
Land Use/Land Cover	Upland deciduous forest and fringe wetlands
Known Dispersed Recreation Opportunities	Dispersed camping
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easement to Rhea County for roadway • License to Rhea County for roadway • License to Rockwood Electric Utility for power line • License to Volunteer Electric Cooperative for power line • Land use permit for access improvements • Section 26a permit for shoreline stabilization

Parcel 284 – (2.4 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two noncontiguous tracts of land located on the Piney River at Wolf Creek. This parcel fronts former TVA property with shoreline access rights, but there is limited frontage and water space on both of these tracts, which will limit the facilities that can be permitted. The land cover is a mixture of upland and riparian habitat along the reservoir shoreline. Landward access to the parcel is limited and the parcel is surrounded by undeveloped private property. This parcel has a low probability for the presence of cultural resources, but it has not been surveyed.

There are not any permitted water use facilities along the shoreline, and future requests for private water use facilities would be considered.

Table 4-284. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	4
Stream Mile and Bank	Piney River miles 4.4R and 4.6R
Land Use/Land Cover	Mixture of upland and riparian habitat
Fronts Former TVA Tract(s)	XWBR-69 and XWBR-70
Committed or Uncommitted	Committed
Current Agreements/Commitments	None identified

Parcel 285 – (224.5 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This large parcel is one contiguous tract of land that starts at the back of Holloway Branch and extends for several shoreline miles along the right descending shoreline eventually abutting Parcel 287 at Hide-A-Way Hills Subdivision. This parcel supports a diverse array of forest cover and habitat types. A large part, roughly 30-acres, of the Wolf Creek embayment portion of the parcel was planted to loblolly pines in the early 1990s by TVA. There has been some unauthorized vegetation removal by backlying landowners in this area to facilitate access to the shoreline. Beyond the pine plantation area toward the end of the point that juts into Piney River embayment, the parcel begins to get much steeper and bluff-like in places featuring upland deciduous forest species. Some of these north-facing, steep areas support stands of white pine and hemlock and other associated species and there are other areas of mixed pine and deciduous forest cover types.

There is an active duck blind as well as a large dispersed campsite on one of the points in the Doc Smith Island cove area. The parcel receives some use by hunters primarily in pursuit of white-tailed deer and possibly wild turkey; however, landward access is somewhat limited due to backlying private land ownership patterns.

Wildlife use of this parcel is as varied as the different habitats that are available on this property. Mammals such as white-tailed deer, gray fox, gray squirrel, and coyote are fairly common and riparian/water bird species such as ospreys, herons, and belted kingfishers routinely use the

shoreline areas as foraging and perching sites. Likewise, both resident and neo-tropical migrant bird species use the various onsite habitats. Of particular importance are the early successional areas that support use by species such as prairie warbler, common yellowthroat, yellow-breasted chat, and white-eyed vireos. Reptiles and amphibians described in previous parcels would also be expected to use this area. However, the most significant wildlife use of the parcel is an active bald eagle nest on the most downstream end of the tract. TWRA personnel first discovered this nest in 2004 and TVA will continue to work with TWRA and the adjoining private land owners in an effort to protect this nest site. Landward access to the parcel is limited and the parcel is surrounded by undeveloped private property and some residential property. There is a high probability for cultural resources on this parcel, and there are known cultural resources on the parcel. Requests for private water use facilities would not be considered.

Table 4-285. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	1180-NE
TVA D-Stage Map Numbers	4,6, and 7
Stream Mile and Bank	Piney River miles 4.0 to 2.8R
Land Use/Land Cover	Mixed deciduous forest
Known Dispersed Recreation Opportunities	Dispersed camping and hunting
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Licenses to Volunteer Electric Cooperative for power lines

Parcel 286 – (43.2 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is comprised of several scattered islands including Doc Smith Island, an adjacent smaller island, three islands at the mouth of Toestring Branch, two islands near the mouth of Muddy Creek and Rhea Springs Campground, and two small islands in Wolf Creek. Doc Smith Island is predominantly covered by pine forest and currently supports a great blue heron nesting colony. There is also a large dispersed campsite on the southern end of the island. The islands at the mouth of Toestring Branch are generally flat to moderately sloped with deciduous forest, Virginia pines, and eastern red cedar but predominantly with bottomland species such as red maple, sycamore, boxelder, river birch, sweetgum, and green ash.

The most downstream island is covered with kudzu on the northwestern end, and the largest island at the mouth of Toestring Branch is under a land use permit to TWRA for wildlife management purposes. Shoreline erosion is occurring on part of these islands. The uppermost islands are located near Rhea Springs Campground. The largest island near the campground is relatively flat and shallow with limestone areas and receives heavy informal, public use. Forest cover is comprised of mixed pine and deciduous forest. There is also a large dispersed campsite on the northeastern side of the island. The smaller island is flat in some places to moderately steep with rock bluff on the northwestern side, which supports some cove forest species such as American beech and American basswood with white pines on the higher knobs. This island currently supports osprey nests and great blue heron nests. The two small islands in Wolf Creek are flat and near the shoreline of Parcel 283. There is no landward public access to the parcel and access is limited to watercraft from the reservoir. There is a high probability for cultural resources on this parcel, and there are known cultural resources on the parcel. Requests for private water use facilities would not be considered.

Table 4-286. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D–Stage Map Numbers	4, 6, 7, 11, and 12
Stream Mile and Bank	Piney River miles 2.0 to 5.0
Land Use/Land Cover	Mixed pine and deciduous forest
Known Dispersed Recreation Opportunities	Dispersed camping
Committed or Uncommitted	Committed
Current Agreements/Commitments	Land use permit to TWRA for wildlife management

Parcel 287 – (27.6 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one narrow contiguous tract of land located on the right bank of the Piney River. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Hide-A-Way Hills, Lake Forest Estates, Salena Estates, and Torbett subdivisions. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. There is a medium probability for cultural resources on this parcel. Water use facilities have been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-287. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D–Stage Map Numbers	7 and 11
Stream Mile and Bank	Piney River miles 1.5R to 2.6R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-64, XWBR-65, XWBR-66, and XWBR-67
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 288 – (8.9 acres)

Land Use Allocation: Zone 3, Sensitive Resource Management

This parcel is three islands consisting of Barker Island in the Tennessee River overbank and two islands to the west on the right bank of the Piney River fronting Lake Forest Estates Subdivision. Barker Island is mostly comprised of mixed deciduous forest and contains cultural resources, and TVA stabilized about 350 feet of the shoreline in 2013. The island has supported wading birds including great blue heron and black-crowned night-heron, and ospreys have nested on the navigation light on the east side of the island. Double-crested cormorant nesting has negatively impacted the vegetation and eliminated wildlife habitat.

The islands fronting Lake Forest Estates Subdivision are flat to moderately sloped with a predominant mixed deciduous forest cover and are visually pleasing. The smaller island has a fairly rocky shoreline that supports a good band of silky dogwood and river alder. These islands are utilized by a variety of upland and wetland/riparian wildlife species albeit somewhat minimized by the adjacent subdivision land use. Furthermore, these islands will be managed in a manner as to protect the wetlands, cultural resources, and valuable wading bird habitat present on the parcel. Public access is mostly limited to watercraft from the reservoir. This parcel has a high probability for the presence of cultural resources, and there are known cultural resources. Requests for private water use facilities would not be considered.

Table 4-288. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	7
Stream Mile and Bank	TRM 532.9R and Piney River mile 0.9R
Land Use/Land Cover	Mixed deciduous forest and wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	Section 26a permit for shoreline stabilization

Parcel 289 – (37.7 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is two narrow, noncontiguous tracts of land located on the Tennessee River at Lowe Branch. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including Hidden Harbor and Lakefront Estates subdivisions. Further, Parcel 289 is adjacent to Zone 1 (Non-TVA Shoreland) areas with flowage easement rights (WBR-262F). The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. This parcel has a low 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 4-289. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	3 and 7
Stream Mile and Bank	TRMs 531.0R to 532.5R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-62 and XWBR-63
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 290 – (10.1 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is two noncontiguous tracts of land on the right bank of the Tennessee River near the mouth of Lowe Branch. The tract to the west, which fronts a portion of Sable Cove Subdivision, is comprised of flat topography with bottomland and fringe wetland plant species such as hackberry, black willow, silky dogwood, marsh-mallow, and soft rush being the most common. The easternmost tract fronts a portion of Hidden Cove Subdivision and is relatively flat with mixed pine and deciduous forest. Presence of nonnative invasive plants is high in this area with privet and Japanese honeysuckle being the most common species. Both of these tracts receive use by typical riparian wildlife species; however, their value is diminished by their small size and the adjacent residential land uses. The western tract is accessible by public roadway (Pin Hook Road) and landward access to the eastern parcel is limited because the parcel is surrounded by residential property. This parcel has a low probability for the presence of cultural resources. Requests for private water use facilities would not be considered.

Table 4-290. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D–Stage Map Numbers	7
Stream Mile and Bank	TRM 531.8R
Land Use/Land Cover	Bottomland forest, mixed deciduous forest, and fringe wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Permanent easement to Rhea County for roadway

Parcel 291 – (118.9 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is comprised of three large islands on the Tennessee River near the mouth of Lowe Branch. The largest island, known as Kembro, is comprised of mixed forest with a large area that had been planted with loblolly pine in previous years. However southern pine beetle infestations have removed most of the pine trees. There are numerous snags and nesting cavities as a result of previous southern pine beetle infestations. The middle island is known as Pine Island. There are some scattered living pines mixed with oak and eastern red cedar in

areas with shallow soil and exposed limestone. Some shoreline areas have nonnative invasive plants including Japanese honeysuckle, privet, and sericea lespedeza. Additionally, there is an active duck blind as well as a relatively large dispersed campsite on the northeast end of Pine Island. Some shoreline segments, especially on the side of the islands facing the main river channel, are eroded. The southernmost island, known as Woodland Island or Julian Barger Island, is moderately steep with mostly mixed pine and deciduous forest cover. An active duck blind is located on this island, and TWRA has planted bald cypress along portions of the shoreline for fish habitat and stabilization purposes. There are numerous snags and nesting cavities on this island as a result of previous southern pine beetle infestations.

All of the islands receive use by numerous upland and riparian wildlife species including herons, ospreys, belted kingfishers, and wood ducks as well as resident and neo-tropical migrant birds that require early successional habitats. Likewise, the most downstream island contains potential habitat for nesting bald eagles, which are often seen perching in the area during the winter months. Access is limited to watercraft from the reservoir. Portions of these islands have been surveyed and there is a high probability for cultural resources on this parcel, further, there are known cultural resources on the parcel. 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	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	3 and 7
Stream Mile and Bank	TRMs 532.2 to 531.0R
Land Use/Land Cover	Mixed pine and deciduous forest
Known Dispersed Recreation Opportunities	Dispersed camping and hunting
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 292 – (2.5 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is comprised of four small islands located in the upper Lowe Branch embayment. The easternmost island, located closest to Parcel 295, contains a substantial amount of exposed rock with mixed deciduous forest with pines and eastern red cedar being the dominant overstory. The southernmost island located toward the upper end of the embayment is similar to

the eastern island with much exposed rock; however, there is a larger component of green ash trees present on this island. This island also supports great blue heron nests. The westernmost island, which is located near the Sable Hills Subdivision shoreline area (Parcel 293), is less rocky than the others and supports young bottomland and riparian tree species such as red maple, green ash, and black cherry with a wetland fringe component containing cardinal flower, St. John's wort, and other common fringe wetland species. The northernmost island lies closer to the Sable Cove and Hidden Harbor subdivision shorelines (Parcel 290) and is low-lying and dominated by red maple trees. TWRA has planted bald cypress trees adjacent to it to provide fish habitat and shoreline stabilization. Additional wildlife utilization of these islands is similar to that described for other island habitats in this area of the reservoir. Access is limited to watercraft from the reservoir. Portions of these islands have been surveyed and there is a high probability for cultural resources on this parcel, further, there are known cultural resources on the parcel. 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	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	3 and 7
Stream Mile and Bank	TRM 530.8R
Land Use/Land Cover	Mixed forest, bottomland forest and wetlands
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 293 – (24.3 acres)

Land Use Allocation: Zone 7, Shoreline Access

This parcel is one contiguous tract of land on the right bank of Tennessee River that lies in the Lowe Branch embayment between SR-68 and TVA Marker 7-90. This area is also locally called the Rock Quarry Slough. The parcel fronts former TVA property with shoreline access rights that has been developed for residential use including including Kincannon, Sable Hills, and Sable Cove subdivisions. The land cover is a combination of scattered riparian trees and shrubs and open shoreland with mowed areas. Landward access to the parcel is limited and the parcel is surrounded by residential property. This parcel has a low probability for the presence of cultural

resources. Water use facilities been permitted along the shoreline, and future requests for private water use facilities would be considered.

Table 4-293. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	3 and 7
Stream Mile and Bank	TRM 531.0R
Land Use/Land Cover	Shoreland with scattered trees, shrubs, and maintained vegetation
Fronts Former TVA Tract(s)	XWBR-38, XWBR-39, XWBR-60, XWBR-61, and XWBR-525
Committed or Uncommitted	Committed
Current Agreements/Commitments	Approved water use facilities

Parcel 294 – (34.0 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is one contiguous tract of land located at the head of Lowe Branch in the Lowe Branch embayment. The parcel lies between SR-68 and the Watts Bar 161-kV transmission line and serves primarily for the maintenance of the Watts Bar Dam West Saddle Dam. A saddle dam is a non-connecting extension of the main dam that stretches across low spots, raising the surrounding land to an elevation that allows the desired water elevation to be reached. The land cover is mostly mixed deciduous forest with the exception of the saddle dam area which is maintained herbaceous vegetation. Landward access to the parcel is limited to nearby access roads. There is a medium probability for cultural resources on this parcel, and there are known cultural resources. Requests for private water use facilities would not be considered.

Table 4-294. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	3
Stream Mile and Bank	TRM 531.0R
Land Use/Land Cover	Mixed deciduous forest and maintained vegetation
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Committed
Current Agreements/Commitments	Permanent easement to Watts Bar Utility District for water lines and pumping station

Parcel 295 – (51.6 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is one contiguous tract of land in upper Lowe Branch embayment and is relatively steep along the upper end of the embayment, gradually grading out to more moderate topography toward the point. The steeper areas contain shallow soils and limestone outcrops with the predominant forest cover being comprised of eastern red cedar mixed with dry site oaks, including chinkapin and scarlet, and various hickories. Furthermore, this parcel abuts a transmission line ROW on the southwest end. This parcel provides excellent habitat for a wide variety of wildlife species from large mammals such as white-tailed deer to small reptiles such as the fence lizard. Populations of wild turkey are expanding on the tract, and the variety of habitats from mature upland deciduous forest to early successional, reverting scrub-shrub lands are extremely valuable to both resident and neo-tropical migratory birds. The prairie warbler, a neo-tropical species of growing concern throughout its range, is a common nesting species in the early successional habitats of this property that have resulted from the numerous acres of loblolly pines impacted by southern pine beetle infestations. Likewise, the brown-headed nuthatch, which is slowly expanding its range northward, is commonly observed in the remaining loblolly pine stands present on this parcel. In addition to the quality habitat this parcel provides for wildlife, it also provides various opportunities for dispersed recreational use such as camping and hunting. The parcel is accessible by a county road. There is a medium probability for cultural resources on this parcel, and there are known cultural resources. Requests for private water use facilities would not be considered.

Table 4-295. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	3
Stream Mile and Bank	TRM 530.8R
Land Use/Land Cover	Deciduous and mixed cedar and pine forest
Known Dispersed Recreation Opportunities	Dispersed camping and hunting
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 296 – (198.2 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This linear parcel is one contiguous tract of land that lies southwest of SR-68 and the railroad tracks that previously serviced the former Watts Bar Fossil Plant. The parcel is bisected by Old Dixie Highway and a TVA transmission line ROW, most of which is incorporated into an active agricultural license for hay crop production along with the open land on the northwest end of the parcel. The remainder of the parcel is a mixture of forest cover types including mixed shortleaf and loblolly pine, cedar, and deciduous forest.

This parcel is utilized by a variety of wildlife species from those that prefer more open, hayfield habitats, such as coyote, eastern bluebird, American kestrel, and eastern meadowlark, to forest species, such as white-tailed deer, gray squirrel, and numerous resident and migratory bird species. Public use of this parcel is somewhat limited by its proximity to a county road; however, the area likely receive some use by hunters. Furthermore, the existing open land and transmission line ROW have potential for conversion to native warm season grasses that would enhance the overall value to wildlife and biodiversity on the parcel. There is a medium probability for cultural resources on this parcel, and there are known cultural resources. Requests for private water use facilities would not be considered.

Table 4-296. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE and 118-SE
TVA D-Stage Map Numbers	1 and 3
Stream Mile and Bank	TRM 530.8R
Land Use/Land Cover	Mixed pine and deciduous forest
Known Dispersed Recreation Opportunities	Hunting
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Agricultural license for hay crop production

Parcel 297 – (245.0 acres)

Land Use Allocation: Zone 5, Industrial

This large parcel is one contiguous tract of land on the right bank of the Tennessee River, and it comprises most of the area known as The Pines. Over 100 acres of this parcel was planted with loblolly pines during the 1940s and 1950s, and there has also been some recent pine plantings

in some areas. Other large canopy species include tulip poplar, white oaks, and red oaks. In addition to this forestland, this parcel features open land and supports dispersed recreational use including hunting. The parcel contains access points for adjacent Parcel 299 (Zone 4 - Natural Resource Conservation), and TVA has improved the road access in some areas to benefit public recreation.

This mostly undeveloped parcel is allocated for industrial purposes and it has nearby access to SR-68, I-75, and Watts Bar Dam lock, and the parcel has potential for barge terminal access. A 500-kV transmission line corridor crosses this parcel, and a gate has been installed on the main access road to control unauthorized off-road vehicle use and trash dumping that previously occurred on the site. Portions of the parcel have been surveyed and there is a medium probability for the presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support industrial purposes would be considered.

Table 4-297. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE and 118-SE
TVA D-Stage Map Numbers	3
Stream Mile and Bank	TRM 530.8R
Land Use/Land Cover	Mixed deciduous upland forest, pines, and open areas
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	<ul style="list-style-type: none"> • Term easement to Watts Bar Utility District for water lines • License to Volunteer Electric Cooperative for power line

Parcel 298 – (34.4 acres)

Land Use Allocation: Zone 5, Industrial

This parcel is one contiguous tract of land on the right bank of the Tennessee River at Lowe Branch. The land cover is similar to Parcel 197 and includes a mixture of deciduous forest, shortleaf pine, and loblolly pine. Likewise, public dispersed recreation use, including hunting, is similar to that described for Parcel 297. This undeveloped parcel is allocated for industrial purposes because it provides easy access to the reservoir, it could support the construction and operation of a barge terminal, and it is near SR-68, I-75, and Watts Bar Dam lock. The parcel is accessible by access roads via adjacent Parcel 297. There is a medium probability for the

presence of cultural resources. Requests for use of TVA lands and associated water-based structures to support industrial purposes would be considered.

Table 4-298. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE
TVA D-Stage Map Numbers	3
Stream Mile and Bank	TRM 530.8R
Land Use/Land Cover	Mixed deciduous forest
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 299 – (423.3 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This large parcel is one contiguous tract of land on the right bank of the Tennessee River at Lowe Branch. The land cover is a mixture of deciduous forest, pines, and open land habitats, which creates ideal habitat for numerous wildlife species. Wildlife utilization of this parcel includes such species as white-tailed deer, wild turkey, red-tailed, broad-winged and red-shouldered hawks, osprey, and herons along the shoreline. Additionally, numerous reptiles and amphibians are found on the parcel as well as many resident and neo-tropical migrant birds. As a result, this parcel, as well as the adjacent parcels is a popular hunting area on the lower end of Watts Bar Reservoir.

This parcel has significant management potential for a variety of both game and nongame wildlife with the juxtaposition of forested areas and with the potential for the development of early successional grassland habitats in the former loblolly pine plantation sites. In particular, this parcel, in concert with Parcel 295, is large enough and has suitable habitat for area sensitive neo-tropical bird species, many of which are of growing concern throughout their range. This parcel will be managed in manner as to maintain wildlife habitat diversity in conjunction with providing for dispersed recreation opportunities. The parcel is accessible by access roads and a gate was erected on the main access road on adjacent Parcel 297 to control unauthorized off-road vehicle use and trash dumping that previously occurred on the parcel. There is a medium probability for cultural resources on this parcel, and there are known

cultural resources on the parcel. 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	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE and 118-SE
TVA D–Stage Map Numbers	1 and 3
Stream Mile and Bank	TRM 530.8R
Land Use/Land Cover	Mixed pine and deciduous forest with open herbaceous vegetation
Known Dispersed Recreation Opportunities	Hunting
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Section 26a permit to Volunteer Electric Cooperative for utilities

Parcel 300 – (184.3 acres)

Land Use Allocation: Zone 6, Developed Recreation

This large parcel is one contiguous tract of land on the right bank of the Tennessee River. This parcel is the location of the former Watts Bar Resort which initially served as housing and a village for Watts Bar Dam construction workers in the late 1930s and early 1940s. It was redesigned as Watts Bar Resort in the 1950s and it remained open throughout the 1990s; the buildings were demolished in 2015. More history about Watts Bar Resort is available at <https://www.tva.com/about-tva/our-history/built-for-the-people/watts-bar-getaway>.

This undeveloped parcel is available for future commercial and public recreation development. The land cover is a mixture of deciduous forest, pines, and open land habitats, which creates ideal habitat for numerous wildlife species. There are multiple access roads on the parcel, but entry to the parcel is gated. The parcel has 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 4-300. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE and 118-SE
TVA D-Stage Map Numbers	1 and 3
Stream Mile and Bank	TRM 530.0R
Land Use/Land Cover	Mixed deciduous forest with open herbaceous areas
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 301 – (35.3 acres)

Land Use Allocation: Zone 2, Project Operations

This parcel is one contiguous tract of land that begins on the upstream side of Watts Bar Dam and continues just below the dam. The parcel consists of a parking area and an observation area for public use and viewing of Watts Bar Reservoir and Chickamauga Reservoir. Furthermore, this parcel serves to support the operation and maintenance of the Watts Bar Dam and hydroelectric facilities. The parcel is accessible by public roadway (Watts Bar Highway/SR-68). Portions of the parcel have been surveyed and there is a low probability for the presence of cultural resources. 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	Rhea, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-SE
TVA D-Stage Map Numbers	1
Stream Mile and Bank	TRM 530.0R
Land Use/Land Cover	Mixture of developed/open space, and shoreland with scattered trees, shrubs, and maintained vegetation
Known Dispersed Recreation Opportunities	Wildlife observation
Committed or Uncommitted	Committed
Current Agreements/Commitments	<ul style="list-style-type: none"> • Permanent easements to TDOT for roadways • License to Volunteer Electric Cooperative for utility line • Permanent easements to Watts Bar Utility District for water supply and water lines

Parcel 306 – (54.0 acres)

Land Use Allocation: Zone 4, Natural Resource Conservation

This parcel is made up of multiple islands described below. There is no landward public access to the parcel and access is limited to watercrafts from the reservoir. Requests for private water use facilities would not be considered on these islands.

Tennessee River mile 533.4R- This island is adjacent to Parcel 260 (Panel Map 1) comprised of pine, cedar, and deciduous forest cover with some southern pine beetle infestation evidence in places. Duck blinds are periodically found on the island.

Tennessee River mile 536.7R- Three islands adjacent to Parcels 253 and 256, and the largest island nearest Lakeside Subdivision is now connected to the mainland. Island vegetation includes Virginia pine and deciduous forest and the islands provide potential nesting substrate for herons and osprey.

Tennessee River mile 537.0R- This island lies between the main river channel and the west side of Iron Hill Island (Parcel 254). Comprised of mostly young green ash and scrub-shrub wetlands, the area supports double-crested cormorant nests and the scrub-shrub wetland fringe is expected to support nesting green herons.

Tennessee River mile 540.9L- This island lies near the mouth of Rowden Branch and is northwest of Parcel 24. It is mostly flat with a high, eroding clay bank on the downstream end and some rock outcrop on the shoreline. Mixed deciduous forest with eastern red cedar comprise most of the vegetation and the area provides suitable habitat for wood ducks, belted kingfishers and herons.

Tennessee River mile 541.0L- Two islands near Rowden Branch Embayment- The first island is located in the upper end of the embayment near Hornsby Hollow Campground (Parcel 22) and Parcel 25. This island is forested with oaks, sweetgum, red maple and shortleaf pine. The area has suitable habitat for nesting herons and osprey. The second island is located further downstream in the embayment adjacent to Parcel 27 and Parcel 28 at Red Cloud Overlook Subdivision. Vegetation is comprised of white oaks and other mixed deciduous forest and some areas of southern pine beetle infestations. Red-headed woodpeckers, somewhat uncommon in this area, have been seen on the island as well as great blue heron nests in the dead pine snags.

Tennessee River mile 541.4L- Three islands downstream of the mouth of Pearl Harbor adjacent to Parcels 28, 29 and 30. The largest island adjacent to Parcel 28 at Homestead Subdivision is comprised mainly of upland deciduous forest and supports osprey nests. The largest adjacent island closer to the river channel is mostly upland deciduous forest with some southern pine beetle infestation remnants with some shoreline erosion occurring on the main channel side. There are periodically duck blinds on this island. The third island is the most upstream and is adjacent to Parcel 30. It has similar forest cover as the other islands and is also eroding on the channel side. However, these eroding banks are providing nesting habitat for belted kingfishers.

Tennessee River mile 542.3R- This island is located adjacent to Parcel 251b and Red Cloud Colony Subdivision. Forest cover is mixed pine and deciduous forest and a portion of the island shoreline has been stabilized with riprap to protect archaeological resources.

Tennessee River mile 542.8R- This small island, located adjacent to Watts Bar Estates (Rhea) Subdivision, is mostly forested with shortleaf and Virginia pine that have survived southern pine beetle infestation. The island provides potential nesting habitat for wading birds and osprey however the main channel shoreline is eroding.

Tennessee River mile 546.9L- Three small islands adjacent to Parcel 34 and Indian Shadows Subdivision. The islands are mostly flat with a high, eroding clay bank on the downstream end and some rock outcrops on the shoreline. Most of the land cover is comprised of mixed deciduous forest with eastern red cedar and the area provides suitable habitat for wood ducks, belted kingfishers and herons.

Tennessee River mile 558.0 to 558.7R- These four islands are just north of Johnson Bend and lie adjacent to Parcel 212 at Grande Vista Bay Subdivision (see Panel Map 2). The most downstream island (TRM 558.0R) is knoblike and there are periodically duck blinds on the downstream end and there is a dispersed campsite on the northwest side of the island. The island is used by black-crown night-herons, wood ducks, rough-winged swallows and belted kingfishers. The next three islands are clustered upstream, and the easternmost island which is the smallest of the group, has heron nests and there are periodically duck blinds on the upstream end, and there is a dispersed campsite on the west side of the island. The largest island of the group has perching and nesting habitat for herons and osprey and two dispersed campsites. The last and smallest of the islands is closest to the Parcel 212 shoreline and the land cover is mostly mixed deciduous forest and Virginia pine.

Tennessee River mile 562.3R- These small flat islands are located in the shallows of the back of Caney Creek embayment adjacent to Parcel 203 where Caney Creek enters the reservoir. The islands provide potential nesting habitat for wading birds and osprey.

Tennessee River mile 566.1L- These two small islands are located in a small embayment near Parcel 66 and Lakeview Home Sites Subdivision. The largest of the islands supports great blue heron and double-crested cormorant nests and also periodically has duck blinds on the downstream end. The other island is now connected to the mainland at Parcel 66 and is being mowed to the shoreline by an adjacent landowner as an encroachment. Requests for private water use facilities would not be considered.

Table 4-306. Parcel Information

Location Component and Public Involvement Opportunities	Parcel Specific Information
County, State	Rhea, Meigs, and Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	118-NE, 118-SE, 124-NW, 123-SW, 123-SE, and 123-NE
TVA D–Stage Map Numbers	1, 7, 8, 9, 11, 14, 16, 17, 19, 20, 26, 27, 29, 30, 32, 35, 36, and 37
Stream Mile and Bank	TRMs 533.4R to 566.1L
Land Use/Land Cover	Mixed deciduous forest and fringe wetlands
Known Dispersed Recreation Opportunities	Dispersed camping and hunting
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	None identified

Parcel 307 – (1.7 acres)

Land Use Allocation: Zone 2, Project Operations

This small parcel is one contiguous tract of land located on the right bank of the Emory River (see Panel Map 4). The parcel is located between Parcel 12-49 and Parcel 158 and it serves to support a water intake for the Cumberland Utility District. The parcel is gently sloping riparian habitat with sycamore, sweetgum, red maple, river birch, and black willow with alder, silky dogwood, water willow, sumac, and trumpet vine being the dominant shoreline species. The presence of invasive nonnative plant species is moderately high on this parcel with mimosa and sericea lespedeza being the most common. The backlying land use is scattered rural residential. This parcel is accessible by public roadway (Old Elverton Road and Harriman Highway/SR-61). Portions of the parcel have been surveyed and there is a low probability for the presence of cultural resources. 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	Roane, Tennessee
Topographic Map (Sheet No. and Quadrant)	130-NW
TVA D-Stage Map Numbers	44
Stream Mile and Bank	ERM 3.0R
Land Use/Land Cover	Riparian forest
Known Dispersed Recreation Opportunities	None identified
Committed or Uncommitted	Uncommitted
Current Agreements/Commitments	Permanent easement to Cumberland Utility District for a water intake

End of Parcel Descriptions

This page intentionally left blank

CHAPTER 5. PLANNING TEAM

Paul G. Avery

Position: Archaeologist
Education: M.A., Anthropology
Experience: 23 years in the field of Archaeology
Involvement: Cultural Resource Management

Kelly R. Baxter

Position: Senior Specialist, Reservoir Lands Planning
Education: M.S., Plant Science and Landscape Systems; B.S., Botany
Experience: 17 years in NEPA Compliance, Land Management, and Environmental Impacts Evaluation
Involvement: Project Manager and Document Preparation

Chellye L. Campbell

Position: Senior Specialist, Land Policy
Education: B.S., Biology
Experience: 20 years in Planning and Managing Land
Involvement: Deed Interpretation and Land Policy Guidance

Garry E. Chappelle

Position: Program Manager, Natural Resource Management
Experience: 18 years in Land Management
Involvement: Land Use and Parcel Descriptions

Janet L. Duffey

Position: Program Manager, Reservoir Land Use and Permitting
Education: B.S., Civil Engineering
Experience: 22 years in Land Use and Permitting, 8 years in River Operations, and 3 years in Floodplain Management
Involvement: Deed Interpretation

John M. Falco

Position: Program Manager, Reservoir Land Use and Permitting
Education: B.S., Environmental Studies
Experience: 11 years in Land Use and Permitting
Involvement: Land Use and Parcel Descriptions

David B. Forster

Position: Specialist, Recreation Agreements
Education: M.B.A., Business Management; B.A., Outdoor Recreation Management
Experience: 4 years in Recreation Management
Involvement: Recreation Management and Parcel Descriptions

Jerry G. Fouse

Position: Recreation Specialist
Education: M.B.A., B.S., Forestry and Wildlife
Experience: 40 years in Natural Resources – Recreation Planning and Economic Development
Involvement: Recreation Management

S. Clay Guerry

Position: Specialist, Recreation Strategy
Education: M.S., Zoology; M.S., Parks, Recreation and Tourism Management; B.S., Biology
Experience: 16 years in Natural Resources – Recreation Planning
Involvement: Land Use and Parcel Descriptions

David B. Harrell

Position: Recreation Agreements Specialist
Education: M.S., Forestry with emphasis in Outdoor Recreation; B.S., Wildlife and Fisheries Management
Experience: 32 years in Environmental Education, Natural Resource Sociology, Recreation Planning, and Managing Developed Recreation areas
Involvement: Recreation Management and Parcel Descriptions

Ruth M. Horton

Position: Program Manager, Environmental Support
Education: B.A., History
Experience: 20 years in Land Planning, NEPA, and Environmental Compliance; 15 years Supporting Nuclear Power Projects
Involvement: Clinch River Site Guidance

W. Scott Ledford

Position: Watershed Representative, Natural Resource Management
Experience: 26 years in the field of Land Management
Involvement: Land Use and Parcel Descriptions

Thomas O. Maher

Position: Senior Archaeologist
Education: Ph.D. Anthropology
Experience: 35 years in the field of Archaeology
Involvement: Cultural Resource Management

Leonard L. McCurdy, Jr.

Position: Senior Specialist, Recreation and Shoreline Management
Education: J.D., Law; B.S., Environmental Studies - Chemistry
Experience: 28 years in Law including 21 years in TVA real property rights
Involvement: Deed Interpretation and Land Policy Guidance

Mark T. Morrissey

Position: Geographic Analyst
Education: B.S., Geography
Experience: 6 years in Planning and Managing Land; 5 years in Industrial Safety and Compliance
Involvement: Preparation of Geographic Information Systems Mapping

Aurora M. Pulliam

Position: Recreation Specialist
Education: M.S., Wildlands Recreation, Theory and Tourism Planning; B.S., Wildlife and Fisheries Biology and Management
Experience: 14 years in Recreation Planning and Visitor Use Management
Involvement: Recreation Management and Parcel Descriptions

Karen E. 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 Land and Shoreline Management, 8 years in Environmental Research
Involvement: Deed Interpretation and Section 26a Guidance

This page intentionally left blank

CHAPTER 6. LITERATURE CITED

- Grossman, D.H., D. Faber-Langendoen, A.S. Weakley, M. Anderson, P. Bourgeron, R. Crawford, K. Goodin, S. Landaal, K. Metzler, K. Patterson, M. Pyne, M. Reid, and L. Sneddon. 1998. *Terrestrial Vegetation of the United States*. Volume 1. The National Vegetation Classification System: Development, Status, and Applications. Arlington, Virginia. Nature Conservancy. Retrieved from <http://www.natureserve.org/library/vol1.pdf> (accessed March 2020).
- Tennessee Valley Authority. 1949. *The Watts Bar Project*. A comprehensive report of the planning, design, construction, and initial operations of the Watts Bar Project. Technical Report Number 9. Knoxville, Tennessee.
- . 1988. *Watts Bar Reservoir Land Management Plan*. TVA, Lenoir City, Tennessee.
- . 1998. *Shoreline Management Initiative: An Assessment of Residential Shoreline Development Impacts in the Tennessee Valley Final Environmental Impact Statement*. Retrieved from <https://tva.com/Environment/Environmental-Stewardship/Environmental-Reviews/Shoreline-Management-Policy> (accessed October 2018).
- . 2009. *Watts Bar Reservoir Land Management Plan and Environmental Impact Statement*. Retrieved from <https://www.tva.gov/Environment/Environmental-Stewardship/Land-Management/Watts-Bar-Reservoir-Land-Management-Plan> (accessed March 2020).
- . 2011. *Natural Resource Plan and associated Natural Resource Plan Final Environmental Impact Statement, Volumes 1 and 2*. Retrieved from <https://tva.com/Environment/Environmental-Stewardship/Environmental-Reviews/Natural-Resource-Plan> (accessed March 2020).
- . 2012. *Kingston Recovery Project Land Management Plan*. Retrieved from <https://www.tva.com/Environment/Environmental-Stewardship/Land-Management/Watts-Bar-Reservoir-Land-Management-Plan> (accessed March 2020).
- . 2017. *Multiple Reservoir Land Management Plans Environmental Impact Statement, Volume 1*. Retrieved from <https://www.tva.com/Environment/Environmental-Stewardship/Land-Management/Updates-to-8-Reservoir-Land-Management-Plans-and-the-Comprehensive-Valleywide-Land-Plan> (accessed March 2020).
- . 2020. *Natural Resource Plan and associated Natural Resource Plan Final Supplemental Environmental Impact Statement, Volumes 1 and 2*. Retrieved from <https://tva.com/Environment/Environmental-Stewardship/Environmental-Reviews/Natural-Resource-Plan> (accessed August 2020).

GLOSSARY

acre	A unit measure of land area equal to 43,560 square feet.
agricultural license	Some parcels or portions of parcels designated for other purposes or uses may also be suitable for interim agricultural licensing. 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 Natural Resource Plan to guide resource management and administration decisions on the approximately 293,000 acres of TVA-managed lands around 46 reservoirs. It also established the allocation ranges of land available for each land use allocation zone.
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.
dispersed recreation	Recreation of an informal nature such as hunting, hiking, biking, bird watching, photography, primitive camping, bank fishing, and picnicking, etc. 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.
drawdown	Area of reservoirs exposed between full summer pool and minimum winter pool levels during annual drawdown of the water level for flood control.
listed species	Uncommon and rare species that have special state and/or federal legal status for their protection and recovery.
early successional habitat	Habitat with vigorously growing grasses, forbs, shrubs and trees which provide excellent food and cover for wildlife but need disturbance to be maintained. Examples of early successional habitats include weedy areas, grasslands, old fields or pastures, shrub thickets (e.g. dogwood or alder), and young forest.
embayment	A bay or arm of the reservoir.
emergent wetland	Wetlands dominated by erect, rooted herbaceous plants, such as cattails and bulrushes.
Environmental Policy	A TVA 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.

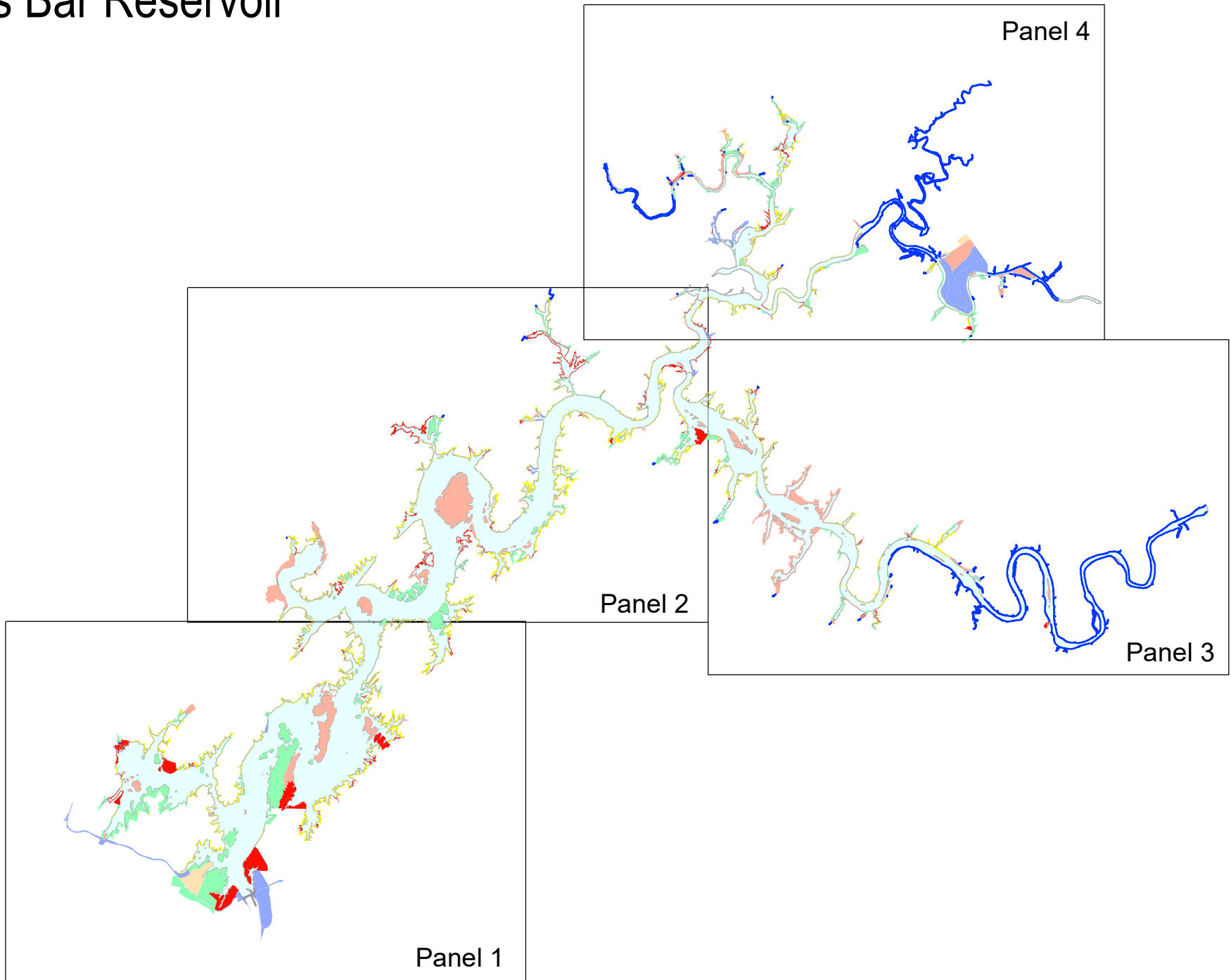
floodplain	Any land area susceptible to inundation by water from any source by a flood of selected frequency. For purposes of the National Flood Insurance Program, the floodplain, as a minimum, is that area subject to one percent or greater chance of flooding (100-year flood) in any given year.
flowage easement tracts	Privately owned lakeshore properties where TVA has (1) the right to flood the land as part of its reservoir operations, (2) no rights for vegetation management, and (3) the authority to control structures, under Section 26a of the <i>TVA Act</i> .
forest	Vegetation having tree crowns overlapping, generally forming 60-100 percent cover.
herbaceous vegetation	Dominated by flowering plants that are not grass-like or woody, generally forming at least 25 percent cover; other life-forms (i.e., grass-like or woody) with less than 25 percent cover.
Land Policy	A TVA policy that guides retention, disposal, and planning interests in real property.
land use and land cover	Land use indicates the purpose the land serves and how people are using the land, whereas land cover indicates the physical land type such as forest or open water.
Maintain and Gain program	The former Maintain and Gain program was removed from the Shoreline Management Policy in August 2009. It allowed TVA to consider requests from property owners without shoreline access rights to obtain those rights in exchange for eliminating shoreline access rights of equal or preferably greater length and value; such exchanges would result in no net loss, or preferably a net gain, of public shoreline.
mitigation	An action that either will result in avoidance or an effect, or cause the results of an activity to be minor in significance.
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.
navigation safety harbors/landings	Areas used for tying off commercial barge tows and recreational boats during adverse weather conditions or equipment malfunctions.
riprap	Stones placed along the shoreline for bank stabilization and other purposes.
riparian	Related to or located on the banks of a river or stream.
riparian zone	An area of land that has vegetation or physical characteristics reflective of permanent water influence. Typically a streamside zone or shoreline edge.
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 backlying 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 (or former TVA land) encumbered with deeded or implied rights to access the reservoir for across TVA land. 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	TVA began using this planning methodology in 1999 where reservoir properties are divided into parcels that are assigned 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).
southern pine beetle	Southern pine beetle (<i>Dendroctonus frontalis</i>) is an aggressive tree killer that lives predominantly in the inner bark of pine trees and feeds on phloem tissue, causing its death. This native insect also carry and introduce blue-stain fungi into trees. These fungi colonize xylem tissue and block water flow within the tree, also causing tree mortality.
structure profile	A contour established by TVA which marks the elevation above which structures are permitted on lands which TVA either owns or on which TVA has certain land rights. The structure profile was created to avoid increasing flood damage potential.
summer pool elevation	The normal upper level to which the reservoirs may be filled. Where storage space is available above this level, additional filling may be made as needed for flood control.
upland	The higher parts of a region, not closely associated with streams or lakes.
wetlands	As defined in <i>TVA Environmental Review Procedures</i> , wetlands are "those areas inundated by surface or ground water 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 seasonally 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 (TWRA), 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.
winter pool elevation	The normal minimum level during annual drawdown of the water level for flood control.
woodland	Open stands of trees with crowns not usually touching, generally forming 25 to 60 percent cover.

Appendix A – Land Management Plan Maps – Panels 1 through 4

This page intentionally left blank

Watts Bar Reservoir



[Click Panel to View PDF Map](#)

This page intentionally left blank

APPENDIX A

Table A-1. Panel Map Parcel Directory

Parcel	Zone	Acreage	Panel	Parcel	Zone	Acreage	Panel
1	2	10.5	1	12-41	6	2.0	2
2	2	23.7	1	12-43	6	0.8	2
3	2	280.4	1	12-44	6	2.7	2, 4
4	2	145.6	1	12-45	6	1.6	4
5	6	249.0	1	12-47	6	4.5	4
6	7	4.2	1	12-48	6	10.2	4
7	4	728.7	1	12-49	6	2.8	4
8	3	141.0	1	12-50	6	8.4	4
9	6	122.5	1	12-51	6	1.2	4
10	6	78.4	1	12-53	6	6.1	4
11	7	58.6	1	12-54	6	1.5	4
12-1	6	1.6	1	12-55	6	1.4	4
12-2	6	3.0	1	12-56	6	2.6	3
12-3	6	1.7	1	12-59	6	3.8	3
12-4	6	4.5	1	12-60	6	1.7	3
12-6	6	5.1	1	12-62	6	1.6	3
12-8	6	3.4	1	12-63	6	3.2	4
12-13	6	2.4	1	12-66	6	3.8	3
12-16	6	2.9	1	12-68	6	6.3	3
12-17	6	2.3	1	12-69	6	5.2	3
12-18	6	2.1	1	12-70	6	4.4	3
12-20	6	5.6	1	13	6	5.2	1
12-22	6	4.3	2	14	6	1.8	1
12-23	6	3.7	2	15a	3	4.1	1
12-24	6	3.3	2	15	7	54.5	1
12-26	6	1.5	2	16a	3	3.0	1
12-27	6	2.3	2	16	7	20.8	1
12-29	6	4.9	2	17a	4	3.2	1
12-30	6	5.2	2	17	3	2.6	1
12-31	6	1.4	2	18	6	10.2	1
12-32	6	2.9	2	19	2	2.1	1
12-34	6	4.1	2	20	6	3.6	1
12-35	6	3.4	2	21	7	11.2	1
12-36	6	3.9	2	22	6	58.1	1
12-37	6	0.8	2	23	6	17.4	1
12-38	6	2.2	2	24	3	83.9	1
12-39	6	6.7	2	25	7	90.8	1

Watts Bar Reservoir Land Plan Amendment

Parcel	Zone	Acreage	Panel	Parcel	Zone	Acreage	Panel
26	3	7.6	1	67	4	4.0	2
27	6	1.8	1	68	6	24.3	2, 4
28	7	36.8	1	69	3	4.2	2, 4
29	6	2.3	1	70a	2	1.3	2
30	4	7.6	1	70	4	3.6	2
31	4	6.7	1	71	7	14.5	2
32	7	18.6	1	72	4	113.2	2
33	4	13.0	1	73	7	27.1	2
34	7	25.3	1, 2	74	6	77.7	2
35	4	18.2	1, 2	75	3	15.4	2
36	7	54.3	1, 2	76	4	29.9	2
37	6	2.9	1, 2	76	4	29.9	3
38	7	35.5	1, 2	77	7	10.7	3
39	4	7.5	1, 2	78	3	82.6	3
40	4	175.5	1, 2	79	4	3.8	3
41	6	2.3	2	80	4	14.9	3
42	6	0.9	2	81	7	25.6	3
43	7	46.0	2	82	4	37.2	3
44	4	23.1	2	83	7	19.0	3
45	6	32.5	2	84	4	1.6	3
46	3	785.0	2	85	2	4.4	3
47	3	21.8	2	86	6	0.7	3
48	7	66.0	2	87	4	10.6	3
49	4	2.2	2	88	3	647.7	3
50	3	20.1	2	89a	7	0.3	3
51	4	42.2	2	89	4	34.7	3
52	7	12.4	2	90	2	1.4	3
53	7	45.4	2	91	3	11.9	3
54	4	21.8	2	92	4	34.9	3
55	4	10.0	2	93	3	10.4	3
56	7	61.7	2	94	3	11.2	3
57	3	8.1	2	95	7	16.0	3
58	4	9.2	2	96	4	11.5	3
59	7	35.0	2	97	3	39.1	3
60	4	1.5	2	98	4	9.4	3
61	7	31.2	2	99	6	10.2	3
62	4	4.9	2	100	4	11.2	3
63	7	46.7	2	101	3	21.5	3
65	3	10.4	2	102	7	53.3	3
66	7	28.7	2	103	3	14.9	3

Appendix A

Parcel	Zone	Acreage	Panel	Parcel	Zone	Acreage	Panel
104	4	7.2	3	142	2	302.5	4
105	4	1.8	3	143	2	181.6	4
106	4	11.7	3	144a	2	172.3	4
107	7	19.7	3	145	2	265.7	4
108	4	21.9	3	146	3	265.5	4
109	7	10.0	3	147	5	54.2	4
110	2	1.4	3	148	2	10.5	4
111	7	15.1	3	149	3	13.3	4
112	7	25.8	3	150	7	7.4	4
113	7	5.5	3	151	7	16.6	4
114	6	4.0	3	152a	4	2.2	4
115	7	11.1	3	152	3	4.2	4
116	6	7.5	3	153a	7	40.6	4
117	7	27.7	3	154	7	31.1	4
118	7	25.2	3	155	4	10.4	4
119	7	8.4	2	156	4	15.2	4
120	2	18.8	2	157	7	27.0	4
121	6	18.1	3, 4	158	4	22.5	4
122	2	16.6	3, 4	159	3	5.7	4
123	7	19.6	4	160	7	14.8	4
124	7	16.5	4	161	4	22.7	4
125	6	1.9	4	162	7	10.2	4
126	4	4.2	4	163	4	6.0	4
127a	2	1.9	4	164	7	9.9	4
127	7	11.4	4	165	4	47.9	4
128	7	25.4	4	166	3	79.2	4
129	4	24.2	4	167	7	11.6	4
130	4	60.3	4	168	4	45.7	4
131	2	4.4	4	169	3	16.4	4
132	3	4.9	4	170	5	6.0	4
133	7	15.7	4	171	3	4.7	4
134	4	62.1	4	172	4	26.9	4
135	7	6.2	4	173	3	9.8	4
136	6	11.8	4	174	5	3.2	4
137a	2	2.6	4	175	6	23.3	4
137	4	80.7	4	176	3	1.8	4
138	3	5.0	4	177	2	6.4	4
139	3	18.6	4	178	4	1.8	4
140	3	6.4	4	179	4	53.8	4
141	3	63.3	4	180	3	11.4	4

Watts Bar Reservoir Land Plan Amendment

Parcel	Zone	Acreage	Panel	Parcel	Zone	Acreage	Panel
181a	3	3.5	4	218a	5	4.6	2
181	5	7.0	4	218	4	56.8	2
182	4	36.9	4	219	6	69.4	2
183	6	25.2	4	220	7	18.4	2
184a	7	7.7	4	221a	6	31.9	2
184	2	21.0	4	221	7	42.8	2
185	2	4.1	4	222	6	4.6	2
186	2	13.7	4	223	3	68.3	2
187	2	56.8	4	224a	2	4.9	2
188	2	25.3	4	224	4	123.8	2
189a	4	11.2	4	225	7	11.7	2
189	4	8.7	4	226	4	19.4	2
190	2	1,252.9	2, 4	227	3	102.9	1, 2
192	4	6.0	2, 4	228	4	22.4	2
193	3	8.1	2, 4	229a	2	0.3	2
194	3	6.8	2, 4	229	7	44.4	2
195	7	16.1	2, 4	230a	6	2.0	2
196	3	11.4	2, 4	230	6	18.4	2
197a	6	10.2	2	231	4	4.2	2
197	7	26.8	2	232	7	40.4	2
198	2	5.4	2	233	3	80.5	2
200	4	46.1	2	234	7	39.6	2
201	6	84.1	2	235	6	2.5	2
202	4	28.6	2	236	4	1.5	2
203	7	16.8	2	237	3	87.5	2
204	4	21.4	2	238	3	171.0	2
205	4	7.5	2	239	7	24.1	1, 2
206	7	15.3	2	240	4	6.5	1, 2
207a	3	7.1	2	241	6	1.2	1, 2
207	2	12.0	2	242	7	16.7	1, 2
208	7	17.4	2	243	7	2.9	1, 2
209	4	0.5	2	244	7	6.7	1, 2
210	7	12.1	2	245	6	1.1	1, 2
211	2	11.4	2	246	4	3.4	1, 2
212	7	75.6	2	247	7	10.2	1, 2
213	2	4.2	2	248	7	44.7	1
214	3	13.9	2	249	7	8.0	1
215	7	18.2	2	250	6	0.9	1
216	7	31.5	2	251b	7	3.2	1
217	4	30.9	2	251	7	20.7	1

Parcel	Zone	Acreage	Panel	Parcel	Zone	Acreage	Panel
252	7	12.2	1	277	6	12.2	1
253	3	19.2	1	278	4	19.3	1
254	3	426.7	1	279	6	23.4	1
255	4	8.7	1	280	4	70.4	1
256a	4	0.1	1	281	3	8.1	1
256	7	34.1	1	282	2	168.8	1
257	4	9.3	1	283	4	131.5	1
258	2	14.1	1	284	7	2.4	1
259	7	12.2	1	285	4	224.5	1
260	7	48.6	1	286	4	43.2	1
261	4	16.5	1	287	7	27.6	1
262	7	41.0	1	288	3	8.9	1
263	4	14.3	1	289	7	37.7	1
264	6	5.2	1	290	4	10.1	1
265	7	51.4	1	291	4	118.9	1
266	6	99.6	1	292	4	2.5	1
267	4	25.0	1	293	7	24.3	1
268	3	39.3	1	294	2	34.0	1
269	7	38.0	1	295	4	51.6	1
270	6	53.4	1	296	4	198.2	1
271a	6	1.9	1	297	5	245.0	1
271	4	12.1	1	298	5	34.4	1
272	2	1.1	1	299	4	423.3	1
273	7	10.5	1	300	6	184.3	1
274b	7	2.0	1	301	2	35.3	1
275	6	1.1	1	306	4	54.0	1, 2, 4
276	3	48.6	1	307	2	1.7	1

(Allocation change parcels are in **bold text**)

This page intentionally left blank

Appendix B – Allocation Change Exhibit Maps

This page left intentionally blank

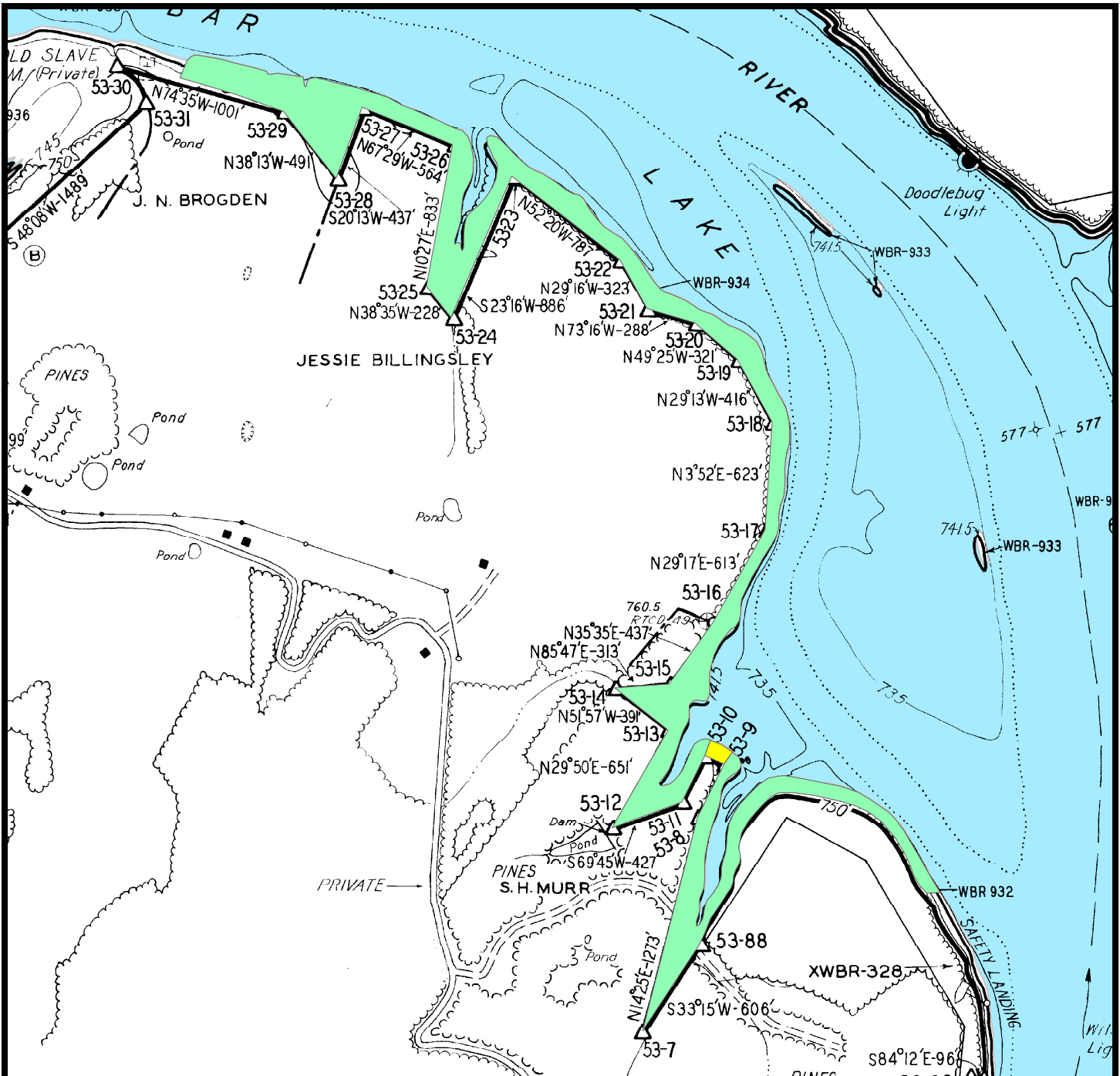


Exhibit Map

Land Use Allocation Change Parcel 89a and Parcel 89 Roane County, Tennessee Tennessee River Mile 577L

- Parcel 89a - Area Reallocated to Zone 7 (Approx. 0.4 acre)
- Parcel 89 - Area To Remain as Zone 4 (Approx. 34.6 acres)

Map Reference: C/D
Stage: 53D
Quad: 130SW



Natural Resources

Watts Bar Reservoir



February 2021

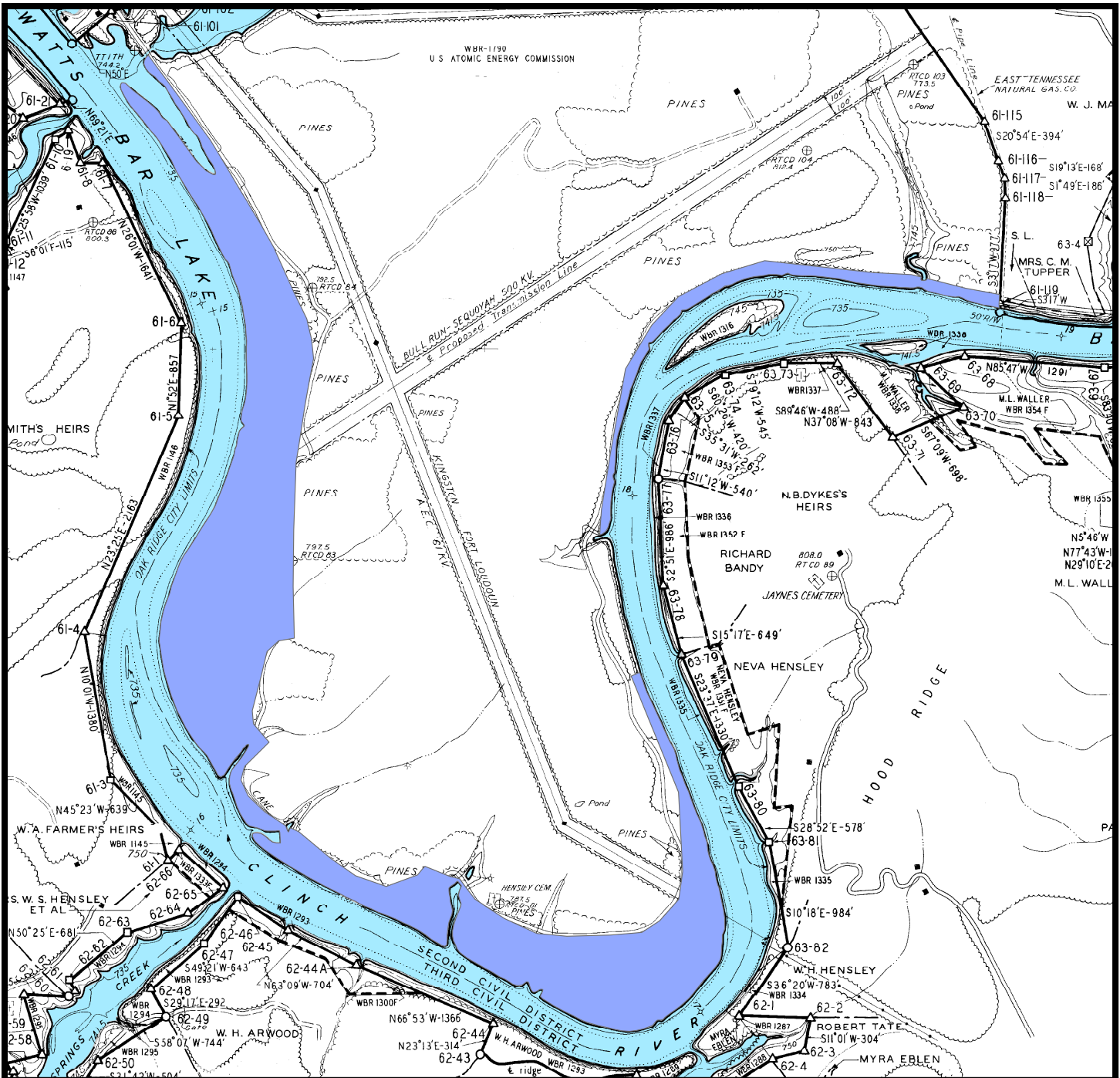



Exhibit Map

Land Use Allocation Change
 Parcel 144a
 Roane County, Tennessee
 Clinch River Miles 14.5 to 19R

 Parcel 144a - Area
 Reallocated to Zone 2
 (Approx. 172.3 acres)

Map Reference: C/D
 Stage: 61D
 Quad: 130NW



Natural Resources

Watts Bar Reservoir



February 2021

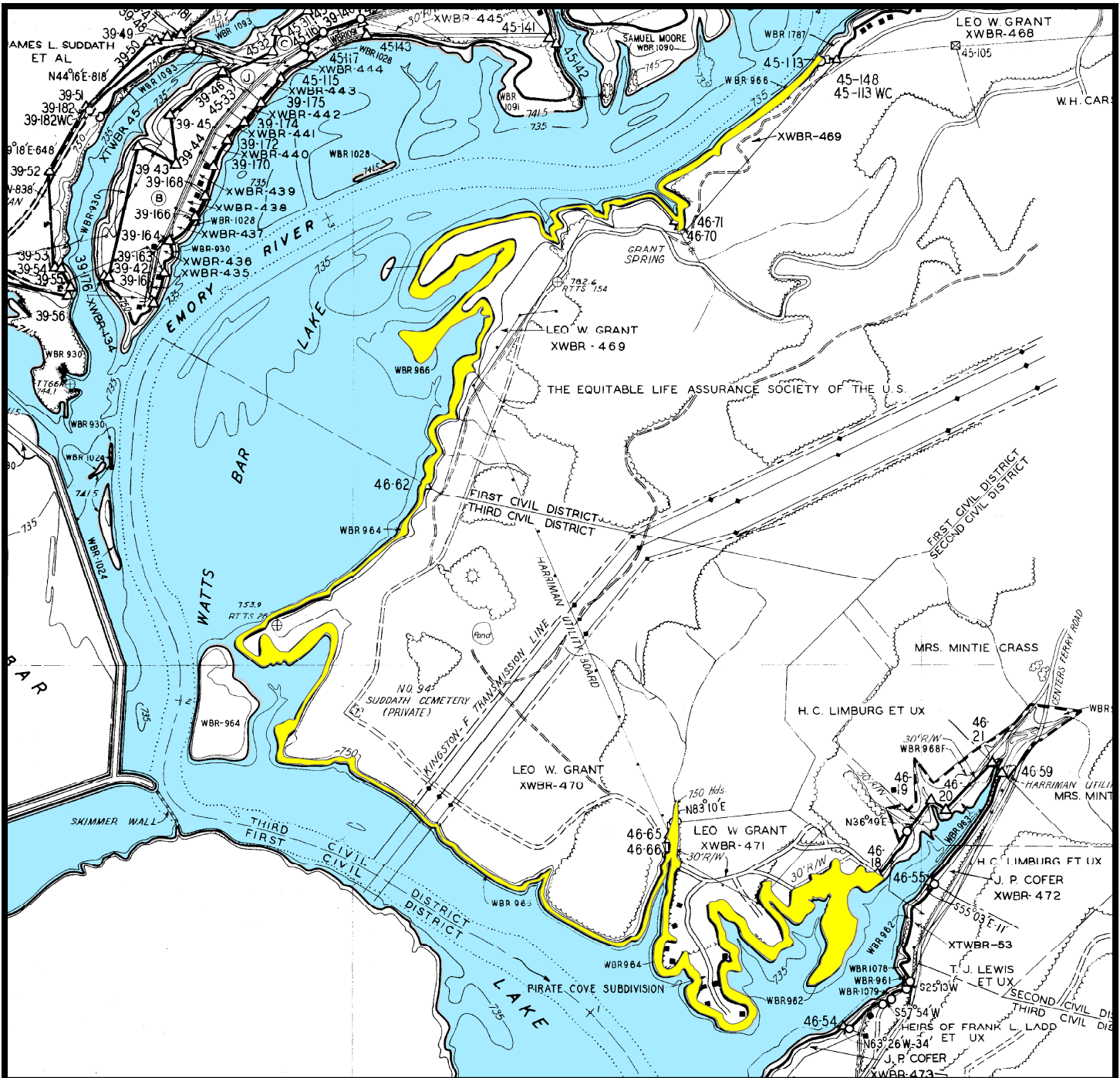



Exhibit Map

Land Use Allocation Change
 Parcel 153a
 Roane County, Tennessee
 Emory River Miles 0.8 to 3.9L

Map Reference: C/D
 Stage: 46D
 Quad: 130NW

 Parcel 153a - Area
 Reallocated to Zone 7
 (Approx. 40.6 acres)



Natural Resources

Watts Bar Reservoir



February 2021

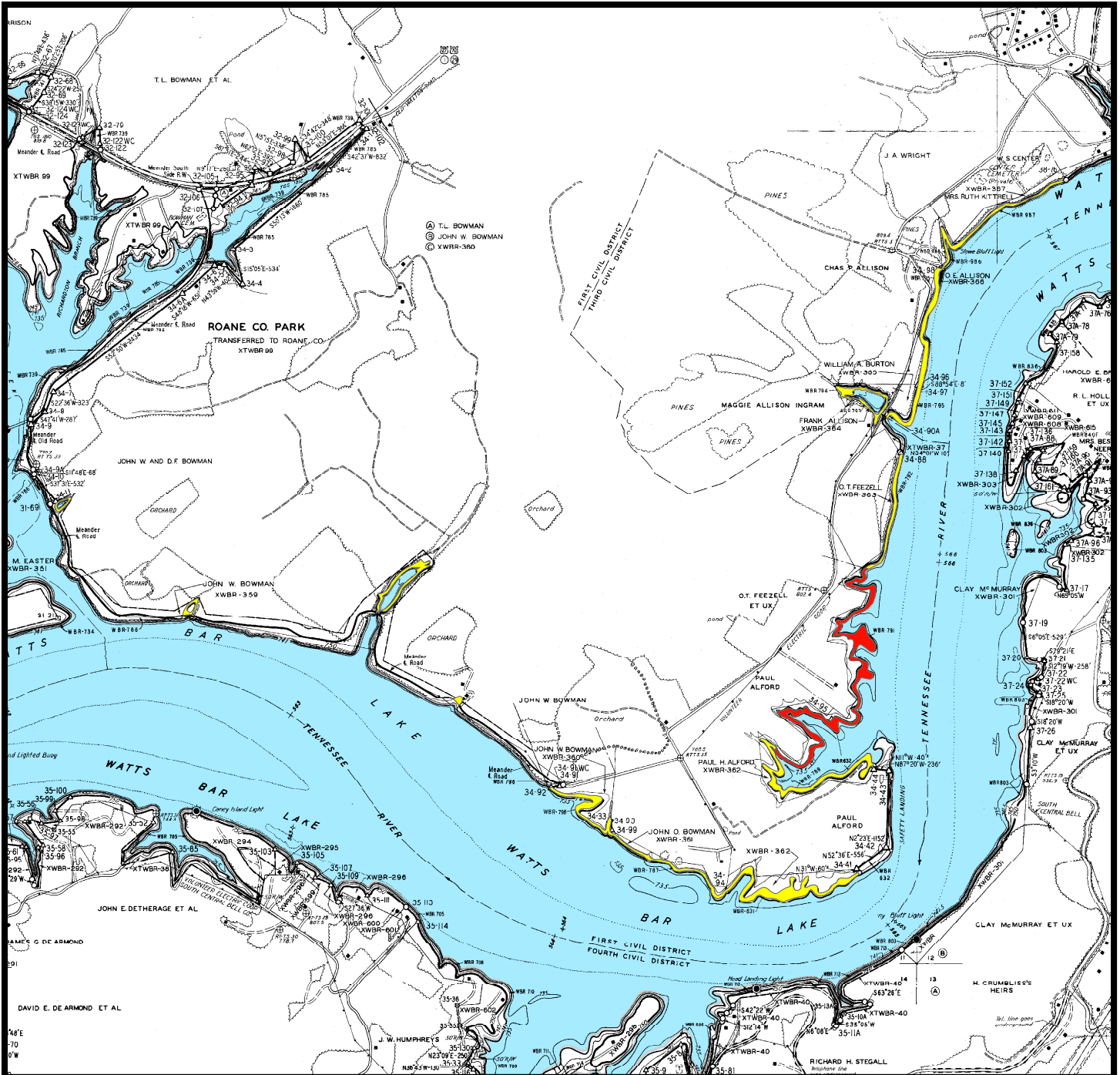


Exhibit Map

- Parcel 17a - Area Reallocated to Zone 6 (Approx. 10.2 acres)
- Parcel 197 - Area To Remain as Zone 7 (Approx. 26.6 acres)

Land Use Allocation Change Parcel 17a and Parcel 197 Roane County, Tennessee

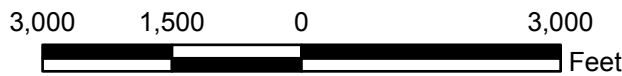
Tennessee River Miles 562.2 to 567.1R

Map Reference: C/D
Stage: 34D
Quad: 126SE



Natural Resources

Watts Bar Reservoir



February 2021

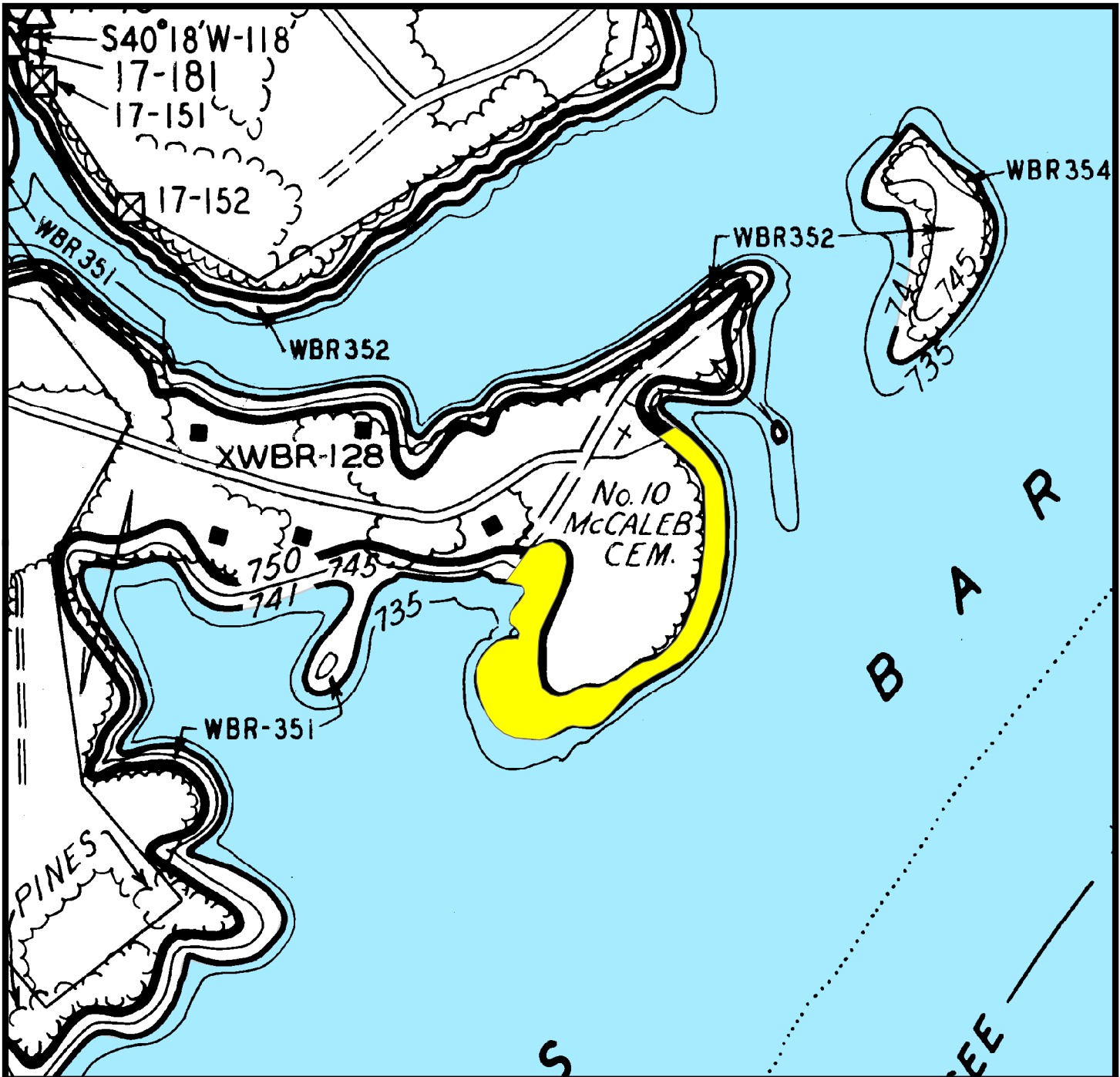



Exhibit Map

Land Use Allocation Change
 Parcel 251b
 Rhea County, Tennessee
 Tennessee River Mile 542R

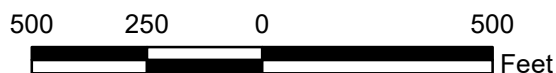
Map Reference:
 C/D Stage: 17D
 Quad: 124NW

 Parcel 251b - Area
 Reallocated to Zone 7
 (Approx. 3.2 acres)



Natural Resources

Watts Bar Reservoir



February 2021

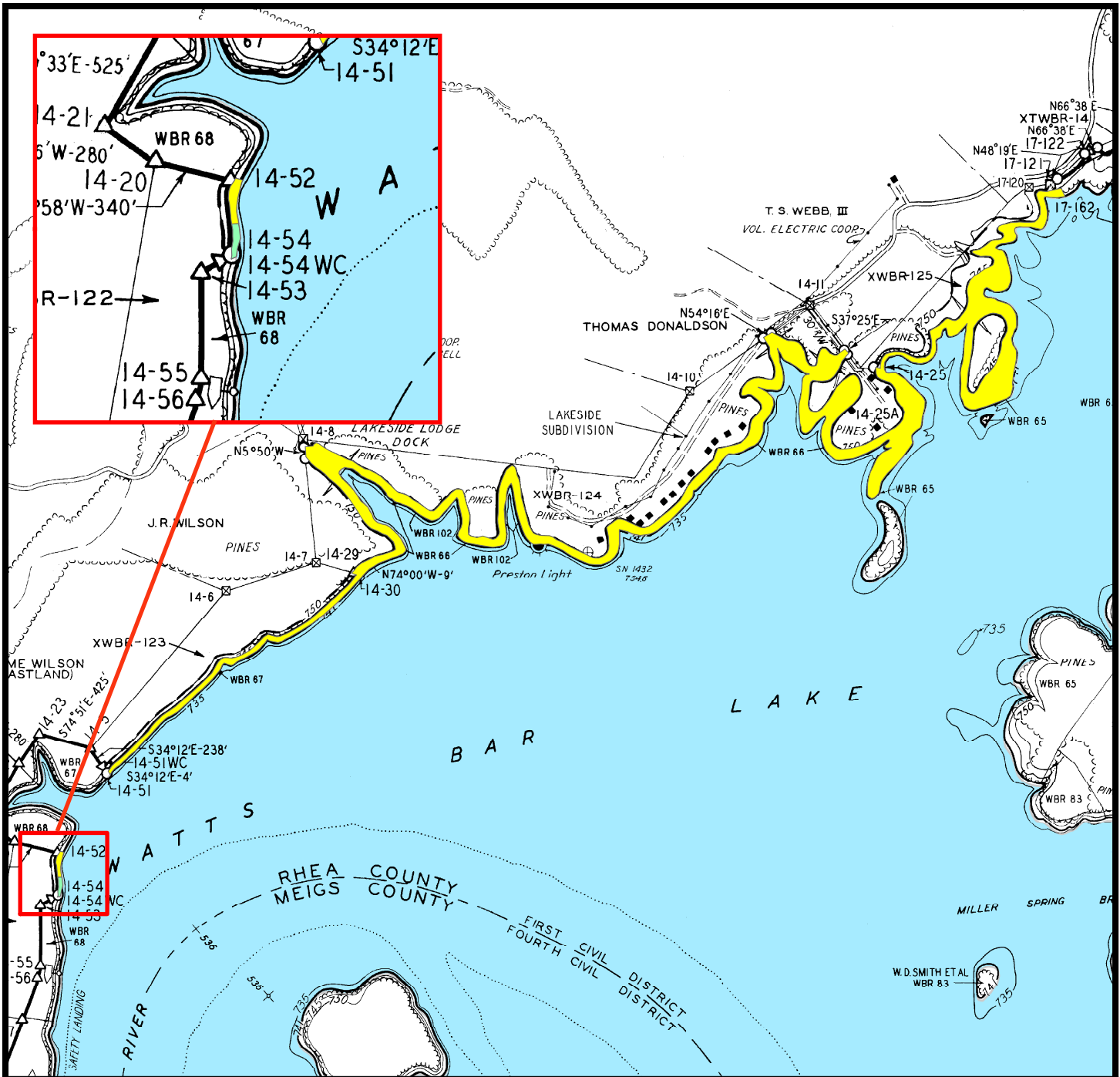


Exhibit Map

- Parcel 256a - Area Reallocated to Zone 4 (Approx. 0.1 acre)
- Parcel 256 - Area To Remain as Zone 7 (Approx. 34.1 acres)

Land Use Allocation Change
 Parcel 256a and Parcel 256
 Rhea County, Tennessee
 Tennessee River Mile 536R

Map Reference:
 C/D Stage: 14D
 Quad: 118NE



Natural Resources

Watts Bar Reservoir



February 2021

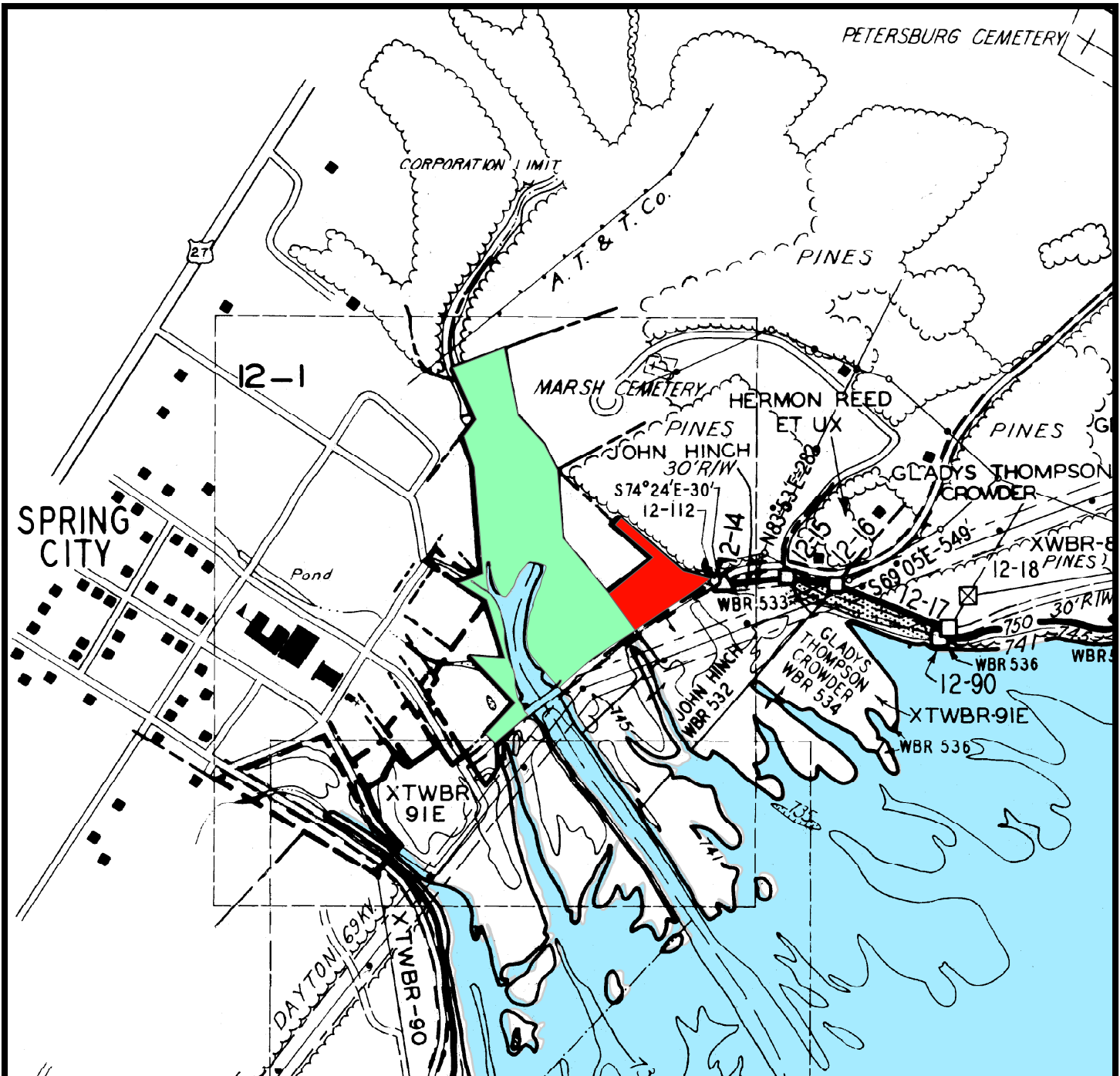


Exhibit Map

Map Reference: C/D
 Stage 12-1D
 Quad: 118NE

- Parcel 271a - Area Reallocated to Zone 6 (Approx. 2.4 acres)
- Parcel 271 - Area To Remain as Zone 4 (Approx. 11.6 acres)

Land Use Allocation Change Parcel 271a and Parcel 271 Rhea County, Tennessee Piney River Mile 6.0 - Upper Piney



Natural Resources

Watts Bar Reservoir



February 2021

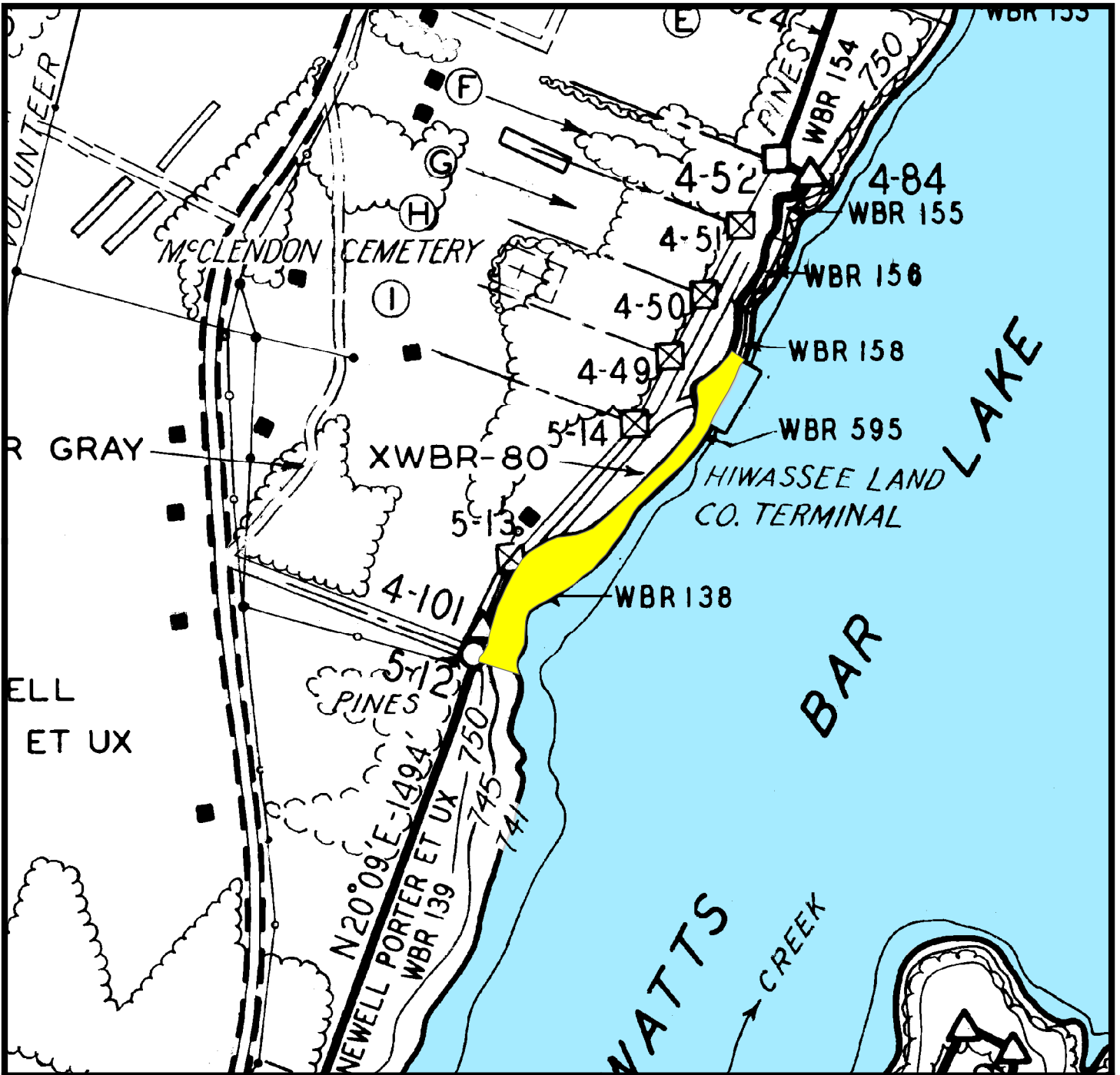



Exhibit Map

Land Use Allocation Change Parcel 274b Rhea County, Tennessee Piney River Mile 4.5R

Map Reference:
C/D Stage: 4D
Quad: 118NE

 Parcel 274b - Area
Reallocated to Zone 7
(Approx. 2.0 acres)



Natural Resources

Watts Bar Reservoir



February 2021

Appendix C – Uncommitted Parcels

This page left intentionally blank

Uncommitted Parcels on Watts Bar Reservoir

Zone	Parcel	Acreage	Map Panel	Description
Zone 2 - Project Operations				
2	142	302.5	4	Part of the Clinch River Site
2	143	181.6	4	Part of the Clinch River Site
2	144a	172.3	4	Part of the Clinch River Site
2	145	265.7	4	Part of the Clinch River Site
2	148	10.5	4	Part of the Clinch River Site
2	307	1.7	4	Water intake for Cumberland Utility District
Zone 4 - Natural Resource Conservation				
4	7	728.7	1	Peninsula and Goat Island with diverse forests and wildlife habitat
4	17a	3.2	1	Narrow strip of typical riparian and fringe wetland vegetation
4	30	7.6	1	Upland hardwoods with habitat for typical upland species
4	31	6.7	1	Upland hardwood area that provides buffer for backlying development
4	33	13.0	1	High quality upland hardwood and exposed bluff areas
4	35	18.2	1	Peninsula with waterfowl/wetland wildlife species
4	39	7.5	2	Peninsula with mixed hardwood and pine stands suitable for wildlife
4	40	175.5	2	Protection of visual resources and wildlife habitat, including wading birds and raptors
4	44	23.1	2	High quality habitat for a variety of riparian wildlife species
4	49	2.2	2	Limited riparian habitat
4	51	42.2	2	Emergent shoreline wetlands with upland hardwoods; agricultural license; former Maintain and Gain
4	54	21.8	2	Wildlife habitat, including wetlands and bottomland/riparian forests
4	55	10.0	2	Disturbed riparian zone with limited wildlife habitat or public use opportunities
4	58	9.2	2	Fair quality fringe wetland habitat
4	60	1.5	2	Limited upland hardwood forest wildlife habitat
4	62	4.9	2	Fair quality fringe wetlands with bottomland forest
4	67	4.0	2	Disturbed riparian zone: limited habitat and biodiversity
4	70	3.6	2	Webster Bluff, high quality riparian habitat
4	76	29.9	2	High quality wildlife habitat with upland hardwood and mixed pine stands
4	79	3.8	3	Riparian habitat
4	80	14.9	3	Wildlife habitat
4	82	37.2	3	High quality wildlife habitat
4	84	1.6	3	Limited wildlife habitat
4	87	10.6	3	Bluff with wildlife habitat
4	89	34.7	3	Limited wildlife habitat due to livestock grazing; substantial

Watts Bar Reservoir Land Plan Amendment

Zone	Parcel	Acreage	Map Panel	Description
				shoreline erosion
4	92	34.9	3	Shoreline fringe wetlands and mixture of cove/hardwood forest
4	96	11.5	3	Variety of riparian habitat and streamside buffer
4	98	9.4	3	Fronts Tennessee National Golf Course
4	100	11.2	3	Narrow riparian forest with fringe wetlands
4	104	7.2	3	Narrow riparian zone with limited habitat or public recreation opportunities
4	105	1.8	3	Informal roadside public access with gravel boat ramp
4	106	11.7	3	Riparian habitat and streamside buffer
4	108	21.9	3	High quality riparian forest habitat and fringe wetlands
4	126	4.2	4	Cove hardwood forest habitat and fringe wetlands
4	129	24.2	4	Good quality riparian habitat with rare plant community
4	130	60.3	4	High quality riparian vegetation and habitat
4	134	62.1	4	Variety of habitat with bottomland hardwoods, bluffs, open land pasture, and wetlands
4	137	80.7	4	Contains bottomland hardwoods, bluffs, and open pastures
4	152a	2.2	4	Narrow steep strip of shoreline
4	155	10.4	4	Quality bottomland hardwoods and riparian zone
4	156	15.2	4	Steep riparian zone with mixed pine and upland hardwood forest
4	158	22.5	4	Riparian habitat with hardwoods, mixed pine/hardwood, and wetlands
4	161	22.7	4	Bottomland hardwoods and fringe wetlands
4	163	6.0	4	Small bottomland forest with limited wildlife habitat
4	165	47.9	4	Early successional, steep rocky/glade, and bottomland hardwood/fringe wetland habitats
4	168	45.7	4	Agricultural license, managed for annual hay crops
4	172	26.9	4	Limited wildlife habitat
4	178	1.8	4	Limited wildlife habitat
4	179	53.8	4	Good quality low lying riparian forest and rocky north facing bluff habitat
4	182	36.9	4	Valuable habitat for various mammal, bird, amphibian, and reptile species
4	189a	11.2	4	Shoreline fringe wetlands of significant importance to various wading/water bird species
4	189	8.7	4	Two islands adjacent to Lakeshore Park on the right bank and Kile Subdivision on the left bank
4	192	6.0	4	Provides some important habitat for water birds, songbirds, and small mammals
4	200	46.1	2	Habitats of upland riparian zone, limestone outcrops and shoreline fringe wetlands
4	202	28.6	2	Limited wildlife habitat
4	204	21.4	2	Provides good riparian bottomland and upland forest habitat

Zone	Parcel	Acreege	Map Panel	Description
4	205	7.5	2	Open grassland cover, limited quality wildlife habitat
4	209	0.5	2	Open grassland cover, limited quality wildlife habitat
4	217	30.9	2	Habitat for typical upland riparian wildlife species, herons, and osprey
4	218	56.8	2	Small parcel suitable for dispersed recreation
4	224	123.7	2	High quality riparian zone, dispersed recreation opportunities
4	226	19.4	2	Provides habitat for a variety of wildlife species, including ospreys, herons, and bald eagles
4	228	22.4	2	Variety of habitat with young upland hardwood, mixed pine, and bottomland/riparian cover
4	231	4.2	2	Important habitat for water birds, including osprey
4	236	1.5	2	Limited wildlife habitat, adjacent to rural residential property
4	240	6.5	1	Old pine plantation land with typical array of wildlife species
4	246	3.4	2	Deciduous forest cover
4	255	8.7	1	Sand Island
4	256a	0.1	1	Where backlying property owner extinguished shoreline access rights (Maintain and Gain)
4	257	9.3	1	Godsey Hollow; relatively steep
4	261	16.5	1	Steep with mostly upland forest cover
4	263	14.3	1	Upland and bottomland hardwood riparian forest
4	267	25.0	1	Provides fair to excellent habitat for variety of upland and wetland wildlife species
4	271	12.1	1	Forested riparian habitat on moderate slope with limited habitat for wildlife
4	278	19.3	1	Open land and young aged riparian zone habitat
4	280	70.4	1	Mixed deciduous riparian zones with reverting open land
4	283	131.5	1	Upland forests, Virginia pine stands, and open land
4	285	224.5	1	Contains several habitats, including loblolly pine, upland hardwood forests, steep bluffs
4	290	10.1	1	Bottomland hardwood/fringe wetlands with moderate quality habitat
4	291	118.9	1	Islands providing habitat for diversity of wildlife
4	292	2.5	1	Four small islands in Lowe Branch; cedar/ash and bottomland hardwoods
4	295	51.6	1	Dominated by eastern red cedar forest providing quality habitat for variety of species
4	296	198.2	1	Provides habitat for open land and forest edge wildlife species
4	299	423.3	1	High quality mixture of forests and open land habitats receiving extensive informal use
4	306	54.0	1, 2, 4	Scattered islands providing habitat for diversity of wildlife

Watts Bar Reservoir Land Plan Amendment

Zone	Parcel	Acreage	Map Panel	Description
Zone 5 - Industrial				
5	170	6.0	4	Suitable for industrial development
5	174	3.2	4	Suitable for barge terminal
5	181	7.0	4	Suitable for barge terminal
5	297	245.0	1	Suitable for industrial development and barge terminal
5	298	34.4	1	Suitable for industrial development and barge terminal
Zone 6 - Developed Recreation				
6	5	249.0	1	Former Meigs County Park
6	9	122.5	1	Potential expansion for Fooshee Pass Recreation Area
6	12-56	2.6	3	Former TWRA public access tract reconveyed to TVA
6	222	4.6	2	Former Harbor Point Marina
6	230a	2.0	2	Former Shelton's Campground
6	271a	1.9	1	Intended to support adjacent public recreation access
6	300	184.3	1	Former Watts Bar Resort
Total Acres		5,434.9		