

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



Norris Reservoir Land Management Plan

SEPTEMBER 2001



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Environmental Assessment

Norris Reservoir Land Management Plan



Appendix A-1 Reservoir Land Management Plan

September 2001



**NORRIS RESERVOIR
LAND MANAGEMENT PLAN**

**RIVER SYSTEM OPERATIONS AND ENVIRONMENT
RESOURCE STEWARDSHIP
Clinch-Powell Watershed**

Prepared by

Tennessee Valley Authority

September 2001

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FINDING OF NO SIGNIFICANT IMPACT (FONSI)

NORRIS RESERVOIR LAND MANAGEMENT PLAN ANDERSON, CAMPBELL, CLAIBORNE, GRAINGER, AND UNION COUNTIES, TENNESSEE

Background

TVA develops reservoir land management plans to assist in managing the public lands around its reservoirs. In conjunction with its construction of Norris Dam in the early 1930s, TVA acquired 122,000 acres of land. Sales and transfers of land for economic, industrial, residential, or public recreation development have resulted in a current net balance of 27,927 acres of public land. In order to determine future management direction for this land, TVA has prepared a land allocation plan for Norris Reservoir. This plan updates a previous 1968 plan. Of the 27,927 acres, 18,937 acres (68 percent) are proposed to be allocated for natural resource conservation, 4,839 acres (17 percent) are proposed for sensitive resource management, 1,744 acres (6 percent) are proposed for recreation, 1,473 acres (5 percent) are proposed for residential access, and 935 acres (3 percent) are proposed for TVA project operations. In addition, TVA would expand its Monks Corner Small Wild Area by 25 acres and establish 11 new Habitat Protection Areas to protect state-listed plants and other sensitive resources. Finally, TVA would make the following recreational and land management improvements to Parcel 6, the Norris Dam Reservation:

- Construct a restroom between Clear Creek and the Clinch River weir dam
- Construct new trail extensions
- Replace the handrail and sidewalk for the powerhouse parking lot
- Mow, spray, or cut exotic plant species and restore native species
- Convert areas in fescue grass to native warm season grasses
- Remove woody vegetation on the east side of US 441 between the Aquatic Biology Laboratory and Clear Creek.
- Establish shoreline management zones where mowing is prohibited around Clinch River and Clear Creek.

TVA notified the public and environmental agencies of its land planning effort for Norris Reservoir through articles in its *TVA River Neighbors* publication in April 1999 by questionnaires distributed to local government agencies and organizations, and through two public meetings in October and November 1999. Following consideration of scoping comments, staff research and resource inventories, TVA developed draft allocations and prepared a draft environmental assessment (EA) evaluating the impacts that could result from such allocations. The draft EA and plan, released in June 2001, was provided to the public, agencies, and interested organizations. A general public meeting was held on the Norris Dam Reservation on July 9 and four other opportunities for public participation were provided at meetings of Friends of Norris Lake, Campbell Outdoor Recreation Association, and Campbell County Leadership Forum during the comment period. Comment letters were received from 22 individuals, agencies, or organizations. Responses to these comments are provided in Appendix A-4 of the EA. Public comments were generally supportive of implementation of Alternative B. Commenters raised specific concerns about forest management, noise, light pollution, rights of subdivision lot owners, and recreational boating impacts. In general, TVA believes that

its conservative allocations would have minimal potential to affect these issues. TVA's emphasis in forest management is on preserving forest health and productivity.

Agencies commenting on the draft land plan included the East Tennessee Development District (ETDD), Tennessee Department of Environment and Conservation (TDEC), Tennessee Department of Transportation (TDOT), Tennessee Historical Commission (THC), U.S. Army Corps of Engineers (USACE), and U.S. Fish and Wildlife Service (FWS). ETDD indicated that there were no conflicts with plans or programs of agencies within the region. TDEC, USACE, and FWS indicated support for Alternative B because of benefits to recreation and fish and wildlife resources. TDOT provided suggestions to better address transportation concerns, which were subsequently made to the draft. THC indicated that the project area contains resources potentially eligible for listing in the National Register of Historic Places. In response, TVA contacted THC and received concurrence in a phased identification and evaluation approach for consideration of impacts to cultural resources, consistent with National Historic Preservation Act regulations.

After considering all comments, TVA developed a Final Environmental Assessment and Land Management Plan.

Alternatives

The EA evaluates the potential environmental impacts of two alternatives, no action (Alternative A), and the proposed Reservoir Land Management Plan (Alternative B). The EA and accompanying Land Use Plan and Parcel Descriptions are attached and incorporated by reference. Under Alternative A, TVA would continue management of its properties according to the 1968 reservoir land use forecast system. When a proposal is received from an external applicant or internal TVA organization, TVA would evaluate the proposed land use for consistency with the forecast. Under the forecast system, 18,050 acres or 65 percent of reservoir lands are designated for public recreation, which is defined as land set aside for use by the general public for recreational activities. Other major designations are Reservoir Operations (9 percent) and Steam Plant site (3 percent). Smaller areas of land are designated for Dam Reservation, TVA Small Wildlife Area, Forestry Research, Wildlife Management, and Power Transmission. Approximately 3,635 acres considered for allocation under Alternative B were not included in the previous forecast system. Requests for use of these "no forecast" lands would be handled on a case-by-case basis under Alternative A. "No forecast" lands and reservoir operations lands with deeded residential access rights would be managed in accordance with the TVA Shoreline Management Policy adopted in 1999.

Under Alternative B, 27,927 acres would be allocated into 5 planning zones as described above in the background section. The planning zones in Alternative B take into account the results of resource inventories for sensitive resources such as rare species, archaeological resources, significant visual resources, and wetlands. Recognizing the sensitive resources identified in these inventories, 11 additional Habitat Protection Areas are proposed to be designated on all or portions of parcels 5, 7, 10, 13, 35, 36, 52, 74, 145, 181, and 182. The existing Monks Corner Small Wild Area (parcel 123) would be expanded. Alternative B grandfathers previous land use commitments but allocates a major portion of otherwise uncommitted TVA land to zones emphasizing resource stewardship. TVA would prepare natural resource management

unit plans and environmental assessments for lands allocated to Zones 3 and 4. Residential Access lands would be specifically designated as zone 7.

Impacts Assessment

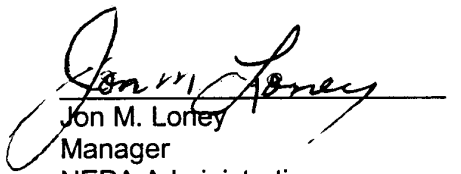
Under either alternative, the EA finds that impacts to environmental resources would be insignificant. Under Alternative A, the individual project review process would avoid or minimize impacts to sensitive environmental resources. However, TVA could consider enhanced recreational development on more than 65 percent of Norris Reservoir lands, and some tracts are available for expanded power development needs. By contrast, Alternative B provides enhanced protection to sensitive resources (such as cultural sites, wetlands, and rare species) by allocating certain lands (17 percent) to the Sensitive Resource Management zone, thereby reducing the potential that these sensitive lands would be put to incompatible uses. Sensitive resources would be further protected through administrative designation or expansion of habitat protection areas and small wild areas. In total, under Alternative B, TVA would make a long-term commitment to natural resource management and protection on 85 percent of TVA lands. The EA identifies Alternative B as the preferred alternative since this alternative emphasizes conservation-oriented uses for more than 80 percent of public lands while allowing compatible public uses on the remaining lands.

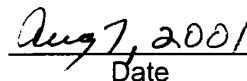
Conclusion and Findings

The State Historic Preservation Officer has reviewed the draft plan and concurred, by communication of July 25, 2001, with a phased identification and evaluation approach to compliance under Section 106 of the National Historic Preservation Act. Following identification and evaluation efforts, TVA will prepare the appropriate findings related to historic properties for each ground-disturbing activity.

TVA also consulted with FWS on impacts to federally-listed endangered and threatened species. The July 26, 2001, letter from the FWS indicated that Alternative B would result in benefits to fish and wildlife of the area. Thus, TVA concludes that the requirements of Section 7 of the Endangered Species Act have been met.

After review of the EA, we agree that the proposed allocation of 27,927 acres of land on Norris Reservoir into five planning zones would not have a significant impact on the quality of the environment. Accordingly, an environmental impact statement is not required. This FONSI is contingent upon the commitments in Section 3.18 of the attached EA.


Jon M. Lorley
Manager
NEPA Administration
Environmental Policy & Planning
Tennessee Valley Authority


Date

COMMITMENTS

NORRIS RESERVOIR LAND MANAGEMENT PLAN

1. All land-disturbing activities shall be conducted in accordance with Best Management Practices (BMPs) as defined by Section 208 of the Clean Water Act and implementing regulations to control erosion and sedimentation. Forest management activities will be conducted in accordance with practices prescribed for forestry in *Best Management Practices for Silvicultural Activities on TVA Land*.
2. Visual and water quality enhancement buffers, between 50 and 100 feet Wide, will be provided to screen wildlife habitat enhancement areas from public thoroughfares and shorelines and to minimize the potential for sediments or other nonpoint source pollutants to enter Norris Reservoir.
3. Any facilities or structures subject to flood damage will be floodproofed or located above the 500-year flood elevation.
4. TVA will utilize a phased identification and evaluation approach to identify cultural resources.
5. Controlled burns will be conducted in accordance with Tennessee open burning regulations.
6. BMPs for agriculture, including maintenance of vegetative buffers, will be included in agricultural licenses as described in *Agricultural Land Licensing for 1999-2003 Crop Years - Northeast Region, Land Management, TVA, 1999*.

1. INTRODUCTION

The Norris Reservoir Land Management Plan (Norris Plan) is the result of a study of the Tennessee Valley Authority (TVA) public-owned land surrounding Norris Reservoir. This *Introduction* provides background information about the history of the Norris Reservoir area, explains the purpose of the Norris Plan, and describes the process used to develop the Norris Plan. The *Norris Reservoir Regional Overview* describes the natural and social development of the reservoir and surrounding area. *Planning Objectives* list the objectives around which the Norris Plan was developed. *Allocation Process* includes a summary of the parcel allocation process and zone definitions. Appendix A-3 of the Environmental Assessment (EA) contains a Parcel Information Matrix, which identifies each parcel number, the proposed allocation zone, number of acres, reason for allocation, prior forecast designation, and map panel locator. The Allocation map (Exhibit 1) is stored in a pocket at the back of this document.

1.1 Background

The massive dam and reservoir construction program that was undertaken by TVA, following its creation in 1933, required the purchase of over one million acres of land for the creation of 34 reservoirs in five of the seven states in the Tennessee Valley region. Approximately 600,000 acres of that land lie above the summer pool elevation of the TVA reservoir system.

Arthur Morgan, Chairman of the TVA Board of Directors (Board) in the 1930s, viewed TVA public land ownership as a tool to promote social objectives. Throughout its history, TVA has managed the reservoir land under its stewardship to meet a wide range of regional and local resource development needs and to improve the quality of life, both within specific reservoir areas and throughout the Tennessee Valley. Reservoir properties have been used for public parks; commercial recreation; industrial, residential, and tourism development; forest and wildlife management designation; and small wild areas to meet a variety of other needs associated with local communities and government agencies.

Today, TVA's land base Valley-wide has been reduced to less than 265,000 acres. An increasing demand for and use of reservoir land sometimes results in conflicting land use patterns and friction between public and private use. These competing interests and development pressures, coupled with today's environmental awareness, underscore the necessity for a planned approach to the management of TVA's reservoir land and related resources.

In order to systematically manage its land, TVA initiated a comprehensive reservoir land management planning process in 1979. The Tennessee Valley Authority (TVA) develops reservoir land management plans (Plans) to integrate land and water resources, provide for the optimum public benefit, and balance competing and sometimes, conflicting resource uses. By providing a clear statement of how TVA hopes to manage land and by identifying each parcel for specific purposes, TVA intends to balance conflicting land uses and facilitate decision-making for use of its TVA public land. Plans are approved by the TVA Board of

Directors (Board) and adopted as agency policy to provide for long-term land stewardship and accomplishment of TVA responsibilities under the TVA Act of 1933. Plans have been completed and implemented for seven mainstream and five tributary reservoirs.

1.2 Purpose

The purpose of the Norris Plan is to help TVA make decisions relating to the future use of its land within the watershed around Norris Reservoir. By providing a clear statement of how TVA will manage its land and by identifying land for specific uses, the Norris Plan helps improve TVA's responsiveness to the public concerning land use requests.

TVA's Vision is **Generating Prosperity in the Valley**. This vision will be accomplished by TVA setting the standard for:

- **Supplying low-cost reliable power** - Meet the changing needs of power distributors and directly served customers for energy products and services in changing markets.
- **Supporting a thriving river system** - Minimize flood damage, maintain navigation, support power production, improve water quality, protect public health and the environment, and support recreational uses.
- **Stimulating economic growth** - Provide services based on core expertise to solve regional problems, protect natural resources, create jobs, and build partnerships for public benefit.

The Norris Plan uses an integrated resource management approach that focuses on balancing flood control, navigation, power generation, water quality, recreation, and land use needs to obtain the optimum benefit for the whole system. Land planning supports TVA's corporate strategic goals to be environmentally responsible, customer driven, and growth oriented by providing a framework for deciding the best use of TVA public land toward continued implementation of the TVA mission.

The Norris Plan will guide TVA resource management and property administration decisions on 27,926.77 acres of land around Norris Reservoir that are under TVA stewardship responsibilities. It identifies the most suitable uses for 315 parcels of TVA public land, providing areas for TVA Project Operations (Zone 2), Sensitive Resource Management (Zone 3), Natural Resource Conservation (Zone 4), Developed Recreation (Zone 6), and Residential Access (Zone 7). The planned acreage is TVA-retained (fee-owned) land and accounts for 676.03 miles or 84 percent of the total 809.2 miles of reservoir shoreline. It also categorizes the Residential Access Zone (Zone 7) (consisting of 130.79 shoreline miles) and Non-TVA Shoreland (Zone 1) subject to Section 26a jurisdiction (consisting of 133.17 miles of shoreline) into three categories, in accordance with the Shoreline Management Initiative (SMI) Environmental Impact Statement (EIS) which was approved by the Board in April 1999. The proposed activities and management approach for the Norris Dam Reservation, which is allocated to Project Operations (Zone 2), are also described (Appendix B-1 - Norris Dam Reservation Tactical Plan [Tactical Plan]).

1.3 Process

Land planning is a systematic method of identifying and evaluating the most suitable use of TVA public land. It uses resource data, computer analyses, and input from citizens, other public agencies, organizations, and TVA staff to allocate land to seven clearly defined zones (see Table A-1.1 for zone definitions):

- Zone 1: Non-TVA Shoreland (e.g., flowage easement land subject to Section 26a jurisdiction)
- Zone 2: Project Operations
- Zone 3: Sensitive Resource Management
- Zone 4: Natural Resource Conservation
- Zone 5: Industrial/Commercial Development
- Zone 6: Developed Recreation
- Zone 7: Residential Access

TVA land management plans have a 10-year planning horizon. The Norris Plan was developed by a team of land managers and technical specialists, knowledgeable about the reservoir and its resources. A list of the planning team members is provided in Appendix B-2. The planning team made land use decisions by considering agency and public needs, environmental and watershed conditions, economic benefits, and state and federal policies. The process includes:

- Identification of existing landrights. All “committed land” (parcels with existing commitments through transfers, leases, licenses, contracts, and TVA projects) is automatically allocated to designated use. “Uncommitted land” is an area where there is no prior existing commitment through transfers, leases, licenses, contracts, and TVA projects.
- Compilation of existing resource data for all reservoir land.
- Field collection of new resource data for federal-mandated categories (i.e., sensitive resources, such as wetlands, threatened and endangered species, and archaeology/historical) on portions of “uncommitted” land, e.g., land with no prior commitments, as defined above.
- Identification of issues and concerns about TVA reservoir land from the public and other local, state, and federal entities.
- Analysis of land capability and suitability by TVA resource managers based on subsequent rating/ranking of parcels for specific land uses.
- Initial allocation of uncommitted parcels by the Land Planning Team based on public input and land needs justification (capability rating/ranking analysis).
- Development of an EA document and Norris Plan based on proposed allocation.
- Categorization of the residential shoreline.

- Internal and external review of draft EA and Norris Plan.
- Make environmental document and Norris Plan revisions based on internal and external reviews.
- Approval of final environmental document and Norris Plan by the Board.

Reservoir land planning uses TVA's Geographic Information System's (GIS) automated landrights database to identify ownership patterns for TVA public land to be planned. All new data collected during the planning process is stored in the GIS system. Norris Plan map and other reports are generated by GIS.

2. NORRIS RESERVOIR REGIONAL OVERVIEW

Norris Reservoir, with its 809.2 miles of shoreline, extends into five Tennessee counties: Anderson, Campbell, Claiborne, Grainger, and Union. The reservoir is located within the portion of the Tennessee River Valley known as the Clinch River basin. The Clinch River drains an area of 2912 square miles and is 300 miles long; its major tributary, the Powell River, drains 938 square miles and is about 180 miles long. This area falls entirely within the southern Appalachian Region which includes the Blue Ridge Mountains section and the Eastern Ridge and Valley section. The southern Appalachia Region is characterized by rugged topography, abundant rainfall, and a multitude of native plant and animal species. The amount of public national forest and park land in southern Appalachia is greater than anywhere east of the Mississippi River. Almost three-fourths of the land is forested.

2.1 The Past

It is believed that humans occupied this land at least some 12,000 years ago. They lived in small groups and were believed to be highly mobile following herds of large game animals or moving from season to season to where there were plant and animal resources. The abundant natural resources of the region provided a diverse source of food which included deer, nuts, fruits, a variety of small animals, fish, and shellfish. Between 8000 B.C. and about 500 B.C., there are signs of increased population, settlement, and trade among regions. By 500 A.D., settled village life had developed as evidenced by cultivated plants, houses, pottery, and burial mounds. By 1500 A.D., there is evidence of a complex, developed social structure with town centers, domiciliary mounds, some fortified villages, an elite class, as well as smaller and scattered farmsteads.

Southern Appalachia was occupied by the Cherokee nation. Cherokee territory extended throughout southern Appalachia and included parts of Virginia, North Carolina, Kentucky, Tennessee, Georgia, and South Carolina. The Cherokee lived in this area until they were forcibly removed to Oklahoma in 1838, a journey known as the "Trail of Tears." From January 1934 until the following June, an archaeological survey was conducted of the Norris basin. The findings of this survey included evidence of 23 prehistoric sites, 20 dwellings, and 34 other structures in the Norris basin area. Recent surveys of the Norris basin conducted in 1997 and 1998 identified more evidence of past human lifeways.

One of the oldest historic sites in the region is the Cumberland Gap, located in Claiborne County just south of the convergence of Tennessee, Kentucky, and Virginia. This natural pass had long been known as the "Gateway to the West," since it afforded access across the forbidding Allegheny Ridge which had barred the passage of colonists to the Northwest Territory. Native Americans made heavy use of the pass, and the trails they followed became known as the "Warriors' Path," the "Wilderness Trail," and the "Wilderness Road." In 1750 Dr. Thomas Walker claimed discovery of Cumberland Gap, and in 1775 Daniel Boone led 30 men through the gap and opened a road west for white settlement.

While the Cumberland Gap opened up a land route for settlement, hunters and trappers had long been venturing by water into the Clinch-Powell River Valley. It is believed Elisha Walden traveled this valley as early as 1761, and there exists a diary entry from 1773 that documents a party crossing the Clinch River and camping overnight at Cove Creek.

This region was settled principally by Anglo-Saxon pioneers from Virginia and North Carolina soon after the establishment of the Wilderness Road as a pioneer route. As the colonists headed westward, some settled in the Clinch-Powell River Valley and farmed the fertile land along these rivers. Thomas Frost has the distinction of being the first permanent white settler to the Norris basin. In 1796, the same year that Tennessee became a state, he built his cabin in what would become Anderson County. Other pioneers were to follow, and soon, settlements were seen throughout the Clinch-Powell River Valley—Sycamore Creek, Barren Creek, Well's Station, and Hamilton's Cross Roads, to name a few. In fact, settlement led to the creation of counties: Grainger County, 1796; Claiborne and Anderson Counties, 1801; Campbell County, 1806; and Union County, 1856.

Rutledge, the county seat of Grainger County, was founded in 1798. Shortly thereafter in 1801, the town of Tazewell was laid out as the county seat of Claiborne County. A post office, courthouse, and jail were built in 1804. Soon Tazewell was a community with businesses, churches, even a school. Also in 1801, Clinton, situated on the Clinch River, was laid out as the county seat of Anderson County. Jacksboro was founded in 1807 and served as the hub of Campbell County and its government activities. Liberty, later named Maynardville, became the county seat of Union County.

The early 1800s saw the extension of commerce, growing settlements, and the development of transportation. Farming was the primary economic activity of most in the region, but a number of businesses supplemented subsistence farming. The manufacturing census of 1820 listed the following small businesses in Anderson County: 12 hat shops, 3 tanyards, 16 blacksmiths, 5 saddlers, 5 wheelwrights, 10 coopers and barrel makers, 3 cabinet makers, 38 sugar manufacturers, and 44 distilleries. When steamboats began plying the upper section of the river, Clinton became the head of steamboating on the Clinch River. Quantities of lumber, the principal export from the Clinch Valley, were floated down from Virginia on rafts and flatboats.

Railroad service in Tennessee began in 1851, but it was not until 1856 that rails began to be laid in Anderson County. The Knoxville and Kentucky Railroad Company (K&K) began a line northward from Knoxville which would extend to the Kentucky boundary. Tracks were laid from Knoxville to the south bank of the Clinch River at the outbreak of the Civil War. All work on the road stopped when the war began.

During the Civil War, Claiborne County and the Cumberland Gap figured prominently in the war strategy of both the Union and Confederate Armies, changing hands four times. While most of the area was not affected by major battles, bloody skirmishes did take place, and mixed loyalties among residents and alienation among families took a heavy toll.

The close of the Civil War found the Nation faced with new social, economic, and political problems. For one thing, the returning southern soldier faced the necessity of a reorientation of his political and economic policies, since the systems with which he had been familiar were uprooted and destroyed by the war. He had to regear his agricultural economy, which had furnished his principal means of livelihood, to a system of free labor. Other pursuits that he had gradually developed before the war as complements to agriculture and some of the war industries had to be reestablished under a changed economic and social order. Transportation facilities, too, had largely broken down and had to be rebuilt, expanded, and enlarged.

Soon after peace was restored, the mining of coal became a prominent practice because of the rich deposits of this mineral found in the surrounding mountains. By 1870, commerce and industry were on the upswing in the region. The development of the vast coal land in this area and the building of railroads went hand-in-hand, each dependent on the other. The coal operators had to have means of transportation for their product; the prospect of large coal shipments by rail assured the railroad promoters there would be sufficient revenue from that source alone to justify building a line through the coal region. The mining companies included the Knoxville Iron Company, the Black Diamond Coal Company, and the Coal Creek Mining and Manufacturing Company. Besides coal mining, an important source of income to many in the region was Clinch River pearls. In fact, Clinton was the center of the pearling industry for this area. The Knoxville and Ohio Railroad took over the K & K line and began building branch lines to transport other natural resources out of the Valley.

While agriculture remained the primary livelihood of most in this area, the new century brought new industries into the area. For example, in November 1905, a new industry was started in Anderson County—the Magnet Knitting Mills—manufacturers of men's knit socks. Magnet became one of the largest hosiery mills in the South, and provided much needed jobs to the region. But while new industries provided some with opportunities, old, familiar businesses saw disaster. On the morning of May 19, 1902, just after coal miners entered the Fraterville Mine in Coal Creek Valley, an explosion occurred killing 184 men and boys. A violent strike, lasting 2 years, ensued. An explosion at Cross Mountain Mine No. 1 in Briceville occurred in 1911, killing 84 men.

The 1920s began as a prosperous decade. Farm prices remained at a reasonable level after World War I, and with the introduction of the automobile and improved roads, more markets could be reached. Land prices in east Tennessee were at an all-time high. Advantages such as free mail delivery, telephone service, and electricity were brought to parts of the region. However, this prosperity was short-lived as banks began to fail and the stock market crashed. The decade closed with the beginning of The Great Depression.

The Depression gloom was lightened immensely in the Clinch-Powell River Valley by the creation of the TVA in 1933. TVA, created to provide flood control, navigation, and cheap electricity, provided thousands of jobs for many in the region. TVA launched its first major construction project with the building of Norris Dam. As part of this project, TVA also built the planned community of Norris, and with the help of the Civilian Conservation Corps

(CCC), the public parks at Norris and Big Ridge. While TVA added much to the economy of the area, it did cause pain as land and communities were flooded for the Norris Reservoir.

World War II brought further changes to this Valley. The Clinton Engineering Works in Oak Ridge provided jobs to those fighting the war on the homefront. Post-war industries include furniture manufacturing plants, such as England Manufacturing Company, and Oakwood Furniture Manufacturing, a medical supply manufacturer, DeRoyal Industries, mobile home manufacturers, such as Norris Homes, and textile factories, such as Claiborne Textile, Incorporated. Agriculture is still a part of the economy with tobacco and Grainger County tomatoes, while tourism has become a major industry for the region with Norris Reservoir and state parks attracting numerous visitors.

The post-War economy of the Clinch-Powell watershed area rapidly changed from one predominantly rural in character to one more equally divided between agriculture and industry. This provided larger incomes for families of the area, as well as made additional demands for trained personnel for business, industry, and agriculture. The wartime baby boom created need for more schools in the 1950s and 1960s. In the late 1970s, completion of interstate highways through the area linking the east coast with points west not only improved accessibility for travelers, business persons, and local residents, but stimulated more development. Homes “out in the county,” neighborhood shopping centers, fast food outlets, shopping plazas, office parks, and scattered residential subdivisions became more accessible and demanded even better roads.

Norris Reservoir provided a new source of recreation for the area. The management of water levels by TVA provides a reliable and predictable water level for seasonal recreation. Norris Reservoir is conveniently accessible to area residents and provides an attractive vacation destination for out-of-state visitors.

Through its stories of settlement and development, of becoming a state and enduring the Civil War, of transitioning from a rural, agrarian society to a more urban, industrialized area, the history of the Clinch-Powell River Valley reflects the history of our Nation as a whole. It will be interesting to see the continuing history of the Valley and the Nation unfold in the twenty-first century.

2.2 The Project

The Norris Project was authorized by the TVA Act of 1933 (May 18) by the 73rd Congress of the United States of America. Actual work began on October 1, 1933. The overriding purpose of the dam was for flood control, water releases for navigation, and power generation. Norris Reservoir collects rainfall from a 3850-square-mile watershed.

The Norris Project involved more than construction of the dam. It involved the acquisition of land in Anderson, Campbell, Claiborne, Grainger, and Union Counties. To make way for the reservoir, other project activities included surveying, mapping, and clearing the reservoir area; constructing bridges; relocating buildings, roads, cemeteries, power and telephone lines; and relocating families.

2.3 The Present Shoreland

Today, there are approximately 27,927 acres of Norris Reservoir shoreland on which TVA can plan future uses. This land includes about 809 miles of shoreline. Of the 809 miles of total shoreline, 16 percent is privately owned flowage easement land (referred to as Non-TVA Shoreland [Zone 1]), 42 percent is owned and managed by TVA (this is land that has been allocated to Project Operations [Zone 2], Sensitive Resource Management [Zone 3], Natural Resource Conservation [Zone 4], and Developed Recreation [Zone 6]), 26 percent is owned by TVA and jointly managed (this is shoreland fronting areas like Chuck Swan Wildlife Management Area and Norris Dam State Park. The shoreland was allocated in accordance with the adjacent use), and 16 percent is TVA-owned residential access shoreland (Residential Access [Zone 7]).

2.4 The Future

Recent trends within the southern Appalachia Region provide us with a glimpse of the kind of pressures that will bear on Norris Reservoir in the future. Long-term shifts in the regional economy and social trends, along with broad shifts in recreational behavior, and current and anticipated environmental issues combine to frame a picture of the challenges ahead and what it will take to protect places like Norris Reservoir.

The population of the five counties in the Norris Reservoir area, according to the 2000 Census of Population, is 179,513 which is a 12 percent increase over the 1990 population of 160,255 (Tables 3-11 and 3-12). This growth rate is slower than that of the state, which grew 16.7 percent, as well as the Nation, at 13.1 percent. Union County, located just to the north of Knoxville and part of the Knoxville metropolitan area, had the fastest growth rate at 30.0 percent, followed by Grainger County to the east of the Knoxville metropolitan area, at 20.8 percent. Projections suggest that the area is likely to grow more slowly than the state and the Nation over the next 20 years, although Union County is expected to continue to grow faster. With increases in population, there has been expansion of urban and suburban areas into what were formerly rural and natural areas and an increase in the demand for recreational activities. Population for this area is projected to grow to about 191,111 by the year 2010.

Trends affecting the Norris Reservoir area mirror those of the larger region of which it is a part. The current population of the southern Appalachian Region is better-educated, older, and has a higher net income than 20 years ago. More people throughout the region are moving out of urban areas and commuting to work. There is increased demand for real estate that includes attributes associated with a leisurely, rural lifestyle, but affords access to the benefits of a metropolitan area. Thus, development pressures on lakefront properties a short distance from urban centers can be very high.

The most significant trend in recreation is an increase in both numbers of participants and the diversity of activities. The percentage of the population that participates in recreational activities, such as fishing, camping, and hiking, has grown or remained stable. Future population changes are expected to result in major growth in less physically demanding activities, such as pleasure driving, sightseeing, nature and cultural resource study, and

developed camping. Increased pressure on nature-based recreation settings and facilities is also expected in the future. Urban, suburban, and transitional settings where development is emerging are expected to increase at the expense of existing rural or natural-appearing settings. Public land will have to supply a larger portion of nature-based outdoor recreation opportunities as settings and opportunities on private land decline. Without better cooperation between public and private sectors, key natural and cultural settings on public land may be negatively affected by increasing density of development.

Environmental quality issues will become increasingly important as population and demands on the environment increase. The southern Appalachia Region has more species of native plants, animals, and insects than any other region with a similar climate in North America. The high mountains and abundant streams and rivers create a variety of habitat types that support thousands of species, many of which occur only in this region. Land that borders the streams, rivers, and water bodies in the valleys is a significant contributor to this regional diversity. Riparian zones—strips of land bordering water bodies—are characterized by many different native species often occurring as dense populations. Poor land use practices near the water and reductions in wetland areas can threaten both this diversity of species and water quality. In southern Appalachia, generally, land conversion, fragmentation of large areas of forest into smaller patches, invasions of nonnative pest species, air and water pollution, and other human-caused stresses are having an impact on these native resources.

Nonnative insect, disease, and plant and animal species, such as the gypsy moth, dogwood anthracnose, zebra mussel, and hydrilla, are impacting the region. Some of the most pressing air quality issues relate to ground-level ozone, visibility, and acid rain. Land management or human activities adjacent to streams, rivers, and reservoirs can increase erosion into the aquatic system and lead to sedimentation, alter the natural shape of stream channels, change water chemistry, and impact aquatic organisms.

Two-thirds of reported water quality impairments within the southern Appalachian Region are from nonpoint sources, such as septic tanks, agricultural runoff, storm water discharges and landfill and mining leachate. Agricultural impacts due to runoff containing commercial fertilizer, animal manure, and pesticides are greatest where slopes are greater than 3 percent and where agricultural operations are immediately adjacent to water bodies. Highways, especially those close to or crossing waterways, impact water quality in a number of ways. Capital investments in municipal and industrial wastewater treatment processes since the adoption of the Clean Water Act in 1972 have resulted in significant improvements in the quality of point-source discharges into waterways and, in turn, have reduced water pollution. As growth continues, further improvements will be necessary. Increases in the amounts of water withdrawn from surface water bodies for use can have downstream impacts on the quality of water.

Norris Reservoir is a unique resource that can be enjoyed by many future generations. For it to be enjoyed in the future, it must be able to accommodate increased demands that are placed upon it, or some of those demands must be curtailed. How Norris Reservoir can best accommodate these increased demands will depend on the actions of government, business,

and civic leaders within the region, those who come to enjoy Norris Reservoir for whatever purpose, and those who own the land on or near its shoreline.

Norris Reservoir's future will be affected by trends and issues that extend far beyond its shoreline. Population growth within the upper east Tennessee region, land development and community planning practices, growing tourism and recreation economy, a growing diversity of recreational pursuits, as well as developments in upstream portions of the Clinch-Powell watershed all will affect the quality of experience Norris Reservoir provides. Close attention must be given to reserving shorelands with unique or special qualities, properly managing and conserving the natural resources of the shoreline, and protecting different uses so they can be enjoyed by the public.

3. PUBLIC SCOPING SUMMARY

From October 18 to November 30, 1999, TVA sought comments from citizens and recreational users of the Norris Reservoir watershed. The solicitation of public comments was sought through news releases to local newspapers announcing public participation opportunities. Individuals could also submit comments by electronic mail. Additionally, individuals were invited to complete a questionnaire indicating their preferences and opinions regarding the Norris Reservoir watershed (see Appendix A-2 Scoping Document). In addition to the public meetings, TVA met with elected officials in the Norris Reservoir watershed area, and held two interagency meetings to gather information from agency personnel who have management responsibility or interest in the Norris Reservoir area.

The majority (77 percent) of respondents indicated water-related activities (fishing, pleasure boating, marina, swimming, use of public boat ramps, water skiing). More than half (59 percent) of the respondents also indicated wildlife observation. Respondents were also asked to indicate their preferences regarding facilities for various recreation activities on or around Norris Reservoir. The majority of respondents registered that there were about the right amount of marinas, boat fishing, pleasure boating, water skiing, swimming in nondesignated areas, boat ramps, and bank fishing areas and/or facilities. The majority of these respondents also felt that there should be less facilities and/or areas devoted to jet skiing and off-road vehicles.

The majority (over 50 percent) of respondents expressed that more land was needed for sensitive resource areas (e.g., wetlands, cultural, endangered species), state wildlife management areas, and resource management areas (e.g., forests). The majority (over 50 percent) of respondents indicated that about the right amount of land was allocated for state parks and commercial recreation areas (e.g., commercially operated marinas, resorts, campgrounds). In addition, many (40 percent) respondents indicated that the right amount of land was allocated for resource management and wildlife management areas and that more land was needed for state park areas.

Respondents were asked to prioritize (by allocating \$100 to any or all of) the following issues: improve recreational access and facilities, erosion control, improve wildlife, work with private landowners to clean up/prevent impact to water quality, provide industrial/economic development opportunities, trash/litter cleanup, monitor water quality conditions, address houseboat waste issues, help farmers minimize agricultural impact to water quality, and work with private landowners to improve forestry practices. Analysis of respondents' prioritization indicates houseboat waste issues, trash/litter cleanup, and monitor water quality conditions as the top three issues.

Many respondents (47 percent) expressed that no new marinas were needed but that some existing marinas should *expand their facilities*. Several respondents (27 percent) stated that *no new marinas* or expansions were needed, while three percent of respondents stated that *one additional marina* was needed; an additional 12 percent expressed that *more than one marina* was needed.

The majority of respondents (59 percent) indicated that the quality of water is good, while 37 percent indicated that it was fair; the remaining 4 percent indicated poor water quality. Respondents were asked to explain their rating of the water quality in Norris Reservoir. Respondents predominantly based their rating on: comparison with other lakes, appearance of the water, observed litter and/or houseboat waste, degree of improvement needed, and the apparent health of fish in the lake. Additional explanations of the water quality included: use of TVA's water quality reports, degree of industrial/agricultural waste, amount of development and population (i.e., recreational users and residents), water level, and/or their recreational use of Norris Reservoir (e.g., swimming).

Respondents reported that they would help in litter cleanup activities (44 percent) and/or planting food plots for wildlife (39 percent). In addition, between 24 and 33 percent reported they would participate in a watershed coalition, erosion control/prevention, and/or committing to proper disposal of houseboat waste. Approximately 9 percent of respondents indicated an interest in starting a watershed coalition.

Respondents were asked, "What do you value most about the land and waters around Norris Lake?" For this question, approximately 60 percent of respondents' comments collectively referred to water quality, natural scenery, and the lack of development. The remaining comments expressed value in the recreational opportunities, abundant wildlife and habitat, cleanliness of the area, the peace and solitude of the area, and the fact that it is a public resource accessible to everyone.

Respondents were also asked, "Over the next 10 years, what will be the major problems or issues that must be addressed regarding the Norris Lake watershed?" Water quality and over development were the predominant themes/issues regarding this question. Nearly 30 percent of comments collectively expressed concern about erosion, loss of natural resources and wildlife, litter, and boat waste. Approximately 20 percent of comments referred to crowding and overuse of the area as well as boating and jet ski use. Remaining comments expressed concern regarding fluctuating water levels.

Lastly, respondents were asked, "What projects/activities are needed to provide cleaner water in Norris Lake and the streams that flow into it?" Approximately half of all responses mentioned activities associated with enforcement of waste pollution, waste pollution from industry, agriculture, and boating, and the need for sewage treatment and water monitoring. More than 20 percent of comments expressed the need for litter removal and education programs for pollution and litter prevention. Many respondents also commented on limiting/restricting development, restricting jet ski use, and maintaining water levels.

4. PLANNING GOALS AND OBJECTIVES

As previously stated, TVA's Vision is **Generating Prosperity in the Valley**. This vision will be accomplished by TVA setting the standard for:

- **Supplying low-cost reliable power** - Meet the changing needs of power distributors and directly served customers for energy products and services in changing markets. As part of the internal scoping for the Norris Plan, an assessment was conducted to determine if land would be needed for future power project operations (i.e., generation facilities, switchyards, transmission facilities, and rights-of-ways). No needs were identified.
- **Supporting a thriving river system** - Minimize flood damage, maintain navigation, support power production, improve water quality, protect public health and the environment, and support recreational uses. The Norris Plan aligns with this standard by assessing that there would be no significant impacts on floodplains or navigation (Sections 3.12.1 and 3.10.2 of the accompanying EA). The Preferred Alternative (Alternative B) would provide better opportunity to protect water quality by identifying Sensitive Resource Management (Zone 3) or Natural Resource Conservation (Zone 4) as the designated use on the majority of land, now having more general designations. Improved water quality supports protecting health and the environment. Recreational uses are supported through the planning process by aligning findings from public scoping with allocating land to Sensitive Resource Management (Zone 3) and Natural Resource Conservation (Zone 4) that accommodate bank fishing, swimming in nondesignated areas, wildlife observation, picnicking, hiking, hunting, informal camping, and other dispersed recreation activities.
- **Stimulating economic growth** - Provide services based on core expertise to solve regional problems, protect natural resources, create jobs, and build partnerships for public benefit.

The Norris Plan recognizes that protecting, managing, and enhancing natural resources on TVA public land has a direct link to stimulating economic growth. As noted in Section 3.9.2 in the accompanying EA, activities associated with informal recreation can support the local economy through the sale of boats, gasoline, hunting and fishing supplies, etc. Additionally, public scoping participants indicated that the natural beauty and scenery of land and water around Norris Reservoir is what they value most. By protecting scenic amenities, Norris Reservoir and surrounding TVA public land maintain the ability to attract visitors which support local economies.

The Norris Plan focuses on TVA's mission by setting several goals:

- **TVA Projects Goal** - To maintain TVA facilities for flood control, navigation, and power production and transmission.

- **Watershed Management Goal** - To help improve the condition of the watershed by monitoring conditions in streams and reservoirs and by partnering with local communities and others interested in watershed protection and improvement.
- **Resource Management Goal** - To manage TVA public land for the enhancement of natural resources for human appreciation and use and to protect sensitive resources.
- **Sustainable Development Goal** - To manage TVA public land to complement the region's economic development activities while not impairing the natural resources and quality of life aspects.
- **Recreational Development Goal** - To manage TVA public land for recreational activities.
- **Residential Access Goal** - To manage residential shoreland consistent with the Shoreline Management Policy (SMP).

Land planning objectives for Norris Reservoir were developed by the Clinch-Powell Watershed Team using customer and TVA staff input received during the scoping process. *Scoping* is the issue-gathering phase of the environmental review process. The following objectives were used to allocate TVA public land on Norris Reservoir. They reflect the public's interest in Norris Reservoir and TVA's desire to manage TVA public land on Norris Reservoir in the public's best interest. These objectives are consistent with TVA's mission and its land planning goals.

4.1 Norris Reservoir Planning Objectives

Considering customer input received during the scoping process and TVA needs, the Clinch-Powell Watershed Team allocated the TVA public land on Norris Reservoir using the following objectives:

4.1.1 TVA Projects Goal

- ***Provide for the protection of TVA projects, such as the dam reservation and navigation markers.*** When considering land use around Norris Reservoir, an important component is providing adequate protection for the integrity of TVA facilities, such as the dam, transmission lines, and other TVA programmatic projects associated with the reservoir and power operations. The Norris Plan allocates approximately 935 acres to TVA Project Operations. The bulk of this land, approximately 904 acres, is in the Norris Dam Reservation. The remaining acreage consists of existing power line rights-of-way and TVA administrative buildings. A Tactical Plan (Appendix B-1), that examines how to best utilize the Dam Reservation, is included as part of this planning process. There was a separate public scoping effort to determine visitor use patterns, habitat modifications, and facility needs. Consistent with the reservoir land planning scoping results, none of the comments received indicated a need for any intensive type of development that would alter the recreation use to a more structured format. However, some supporting facility needs were identified. Specifically in response to public comments, the Tactical Plan proposes to add additional parking spaces to the existing Clear Creek parking area and

develop a permanent restroom building between the Weir Dam parking lot and the Clear Creek parking area.

- ***Provide for navigation aids on Norris Reservoir.*** Navigation aids provide for a safer reservoir experience. Seventy-seven percent of the survey respondents indicate that they use Norris Reservoir for water-based activities. Norris Reservoir has 25 navigation markers. Land use decisions will not negatively impact the role of navigation markers that are located on TVA public land. In addition, TVA maintains several underwater rock buoys to identify hazard areas on Norris Reservoir.

4.1.2 Watershed Management Goal

- ***Consider the impacts of the allocations on water quality on Norris Reservoir.*** Water quality was the highest ranking concern during public scoping. Twenty-four percent of the respondents indicated that water quality will be a major problem that must be addressed over the next 10 years. Also, 23 percent of those surveyed indicated that good water quality is what they value most about Norris Reservoir. Water quality would benefit from the Norris Plan allocations. As previously stated, the Norris Plan allocates 60 parcels containing 4,839 acres along 87 shoreline miles to Sensitive Resource Management (Zone 3) and 122 parcels containing 18,937 acres along 336 shoreline miles to the Natural Resource Conservation Zone (Zone 4). These two zones combined comprise 85 percent of the 27,927 acres of Norris Reservoir TVA public land and 62 percent of the TVA-managed shoreline miles. Any of the proposed uses of Sensitive Resource Management (Zone 3) and Natural Resource Conservation (Zone 4) would allow for the protection of water quality either as a result of less development or by ensuring management practices to minimize negative impacts.

In some cases the land is large blocks and in other cases only narrow strips between backlying uses, such as residential and agricultural. These strips would provide a buffer to the reservoir from agricultural and residential chemical use, mowing, and clearing of the backlying land. In addition, five commercial marinas currently are equipped with sewer pump-out facilities. Other marinas contract pump-out services with a private vendor. TVA is actively working with other agencies, concerned citizens and organizations in attempting to identify water quality problems within the watershed and form partnerships to provide effective solutions to correct potential problems.

Twenty-six percent of public scoping respondents indicated that they would be interested in being involved in a watershed coalition, while 9 percent of the respondents connoted a willingness to start a watershed coalition. As a result, two watershed coalitions—Friends of Norris Lake, Anderson County and Campbell County Chapters, were formed. These coalitions are working to improve water quality throughout the Norris watershed by stabilizing stream banks, working with farmers to minimize agricultural impacts, clean up litter and dump sites, provide educational opportunities, etc. Public scoping results also showed that one-fourth (25 percent) of the respondents indicated that water pollution enforcement projects/activities are most needed to provide cleaner water in Norris Reservoir and the streams that flow into it. A major concern embedded in that deals with

controlling houseboat waste. In response to that increasing concern, TVA has begun a Clean Marina Campaign (CMC). The CMC was initiated to promote environmentally responsible practices at marinas. This program is designed to help marina owners protect clean water, the very resource that provides them with their livelihood. A critical element of the CMC involves working with several partners to effectively address the boat waste issue with a multifaceted strategy that includes:

- Increasing public awareness of proper marine sanitation practices.
- Providing information to marinas about grants available from the Tennessee Wildlife Resources Agency (TWRA) for installation of pump-out systems.
- Partnering with certain marinas to offer financial incentives to boaters promoting installation of holding tanks or execution of a contract to have holding tanks pumped at regular times throughout the recreation season.
- Investigating reports of illegal dumping of waste from boats.
- Evaluating how to most effectively increase enforcement activities.

4.1.3 Resource Management Goal

- **Allocate additional land for resource management areas.** TVA places a high priority on stewardship practices that maximize resource benefits on its land. Fifty-four percent of the scoping survey respondents indicated that land should be allocated to resource management. The Norris Plan allocates 122 parcels, containing 18,937 acres, to Natural Resource Conservation (Zone 4), in an effort to meet this planning objective. Areas allocated to Natural Resource Conservation (Zone 4) will be further reviewed and a unit plan will be developed that specifically determines how best to maximize their potential natural resource benefits.
- **Preserve undeveloped TVA public land to balance the high amount of development that has occurred and will continue to occur on non-TVA managed land around Norris Reservoir.** Sixteen percent of the scoping survey respondents indicated “lack of development” was what they valued most about Norris Lake. Moreover, “over development” was identified by 20 percent, second only to water quality, as a major problem or issue that must be addressed over the next 10 years. To align with the above sentiments, no TVA public land was allocated to Industrial/Commercial Development (Zone 5). Also, no additional land was allocated to Residential Access (Zone 7).
- **Protect sensitive resources on TVA public land.** These resources include threatened and endangered species, cultural resources, wetlands, unique habitats, natural areas and distinctive visual resources. During the public scoping process, the respondents to the scoping questionnaire indicated that TVA should place a high priority on protection of these resources. Fifty-two percent of the respondents preferred allocations that focused on devoting more TVA public land to sensitive resource areas. The Norris Plan identifies 60 parcels containing 4,839 acres of land containing sensitive resource amenities. These parcels may be used for activities, such as informal recreation opportunities and natural resource conservation, but protection of the sensitive resource is the overall guide to the management of the parcel.

TVA has previously designated six small wild areas on Norris Reservoir. Norris Reservoir has more small wild areas than any other reservoir in the TVA system. Those areas range in acreage from 13 (Beech Island) to 125 (River Bluff). Small wild areas on Norris Reservoir total 592 acres. The Norris Plan proposes to expand one existing small wild area, Monks Corner, by 25 acres.

- ***Provide informal recreation opportunities on Norris Reservoir.*** According to the scoping survey respondents, informal recreation activities like fishing (77 percent of all respondents), pleasure boating (76 percent of all respondents), swimming in undesignated areas (63 percent of all respondents), and wildlife observation (59 percent of all respondents) are very important. The Norris Plan allocates 85 percent of the land to Sensitive Resource Management (Zone 3) or Natural Resource Conservation (Zone 4). The land is basically undeveloped, with the exception of signs and parking areas accommodating many informal uses, such as camping, hiking, nature observation, hunting, and fishing. The TVA public land comprises the majority of the TVA public land that is undeveloped and available for informal use by the public.

4.1.4 Sustainable Development Goal

- ***Consider the expansion of utilities (water, electric, telephone, cable, and others that may develop) on TVA public land.*** Like roads, utilities are the lifeblood of economic development. While specific parcels for distribution lines for water, electric, telephone, and cable have not been designated, it is expected that proposals for use of TVA public land for utilities would be received. Typically, these requests involve using existing road or utility rights-of-way. The Norris Plan recognizes that these utilities are necessary. As new proposals for utility expansion or new utilities are developed, it may be necessary to utilize TVA public land. However, projects should be directed away from Sensitive Resource Management (Zone 3) parcels unless the proposal can be accomplished in such a way without affecting the sensitive resources being protected.
- ***Understand the linkages between managing TVA public land to complement the region's economic development activities while not impairing the natural resources and quality of life aspects.*** It is realized that leaving public land in a more natural state and allowing access to the land for more dispersed recreational opportunities, stimulates economic growth in the **surrounding** counties. It is believed that people are willing to travel from urban landscapes to areas that are largely undisturbed to pursue activities, such as informal camping, hiking, nature photography, mountain bike riding, etc. These users frequently require infrastructure services, such as gasoline, food, and other supplies that are provided for by private area businesses.

Keeping TVA public land in a more undeveloped state and allowing it to serve as a magnet to attract visitors to this area align with the results from public scoping. The majority (over 50 percent) of scoping respondents expressed that more TVA public land was needed for sensitive resource areas (e.g., wetlands, cultural resources, endangered species) and resource management areas (e.g., forests, wildlife areas). The majority (over 50 percent) also indicated that about the right amount of TVA public land was allocated

for state parks and commercial recreation areas (e.g., commercially operated marinas, resorts, campgrounds). When asked what respondents valued most about the land and water around Norris Reservoir, 24 percent indicated it was the natural beauty/scenery.

4.1.5 Recreational Development Goal

- **Provide for developed reservoir access areas.** Reservoir access provides use and enjoyment of the reservoir for the general public. TVA has partnered, in the past, with TWRA, Tennessee state parks, and local municipalities to provide reservoir access sites. TVA also maintains access sites to Norris Reservoir. Over 75 percent of the scoping survey respondents indicated that they used Norris Reservoir for some type of water-based activity, such as boating, fishing, or boat launching. Sixty-six percent of the respondents indicated that the amount of land for commercial and recreational development on Norris Reservoir was about the right amount. Many respondents (47 percent) also expressed that no new marinas were needed but that some existing marinas should expand their facilities. Several respondents (27 percent) stated that no new marinas or expansions were needed.

The Norris Plan allocates 1744 acres to Developed Recreation (Zone 6). The majority of these acres (86 percent) have been previously allocated over the past 60 years for developed recreation purposes. Several parcels are managed by TVA with developed boat ramps for reservoir access. TVA also manages Loyston Point Campground and the Cove Creek Boat Ramp (known as Site B). Norris Reservoir supports 23 marinas. These marinas utilize both TVA public land and adjoining private land. The Norris Plan allocates 247 acres to be used for day use developed recreation purposes.

4.1.6 Residential Access Goal

- **In an effort to manage TVA public land consistent with the decision in the SMI, the Norris Plan does not allocate any new land to Residential Access (Zone 7).** In 1998 TVA completed an EIS on residential shoreline development impacts throughout the Tennessee Valley. Under the chosen alternative (the Blended Alternative), sensitive natural and cultural resource values of reservoir shorelines are to be conserved and retained by preparing a shoreline categorization of the residential shoreline for individual reservoirs. Voluntary donations of conservation easements over flowage easement or other shoreland to protect scenic landscapes would be encouraged. A "maintain and gain" public shoreline policy has been adopted to ensure no net loss, and preferably net gain, of public shoreline when considering requests for additional access rights. Under this policy, TVA would allow docks and other alterations along shoreline where access rights exist and where sensitive resources, navigation, flood control, and power generation concerns do not exist. TVA would also limit consideration of requests for access rights across shorelines where such rights do not exist to (a) projects proposed by others for exchange of access rights that result in no net loss, or preferably a net gain, of undeveloped public shoreline, and (b) TVA projects that support the agency's integrated resource management mission. Other than these situations, no additional residential access rights would be considered.

TVA, as part of the Norris Plan, would categorize all the residential shoreline (Non-TVA Shoreland [Zone 1] and Residential Access ([Zone 7], which total 264 miles of shoreline). This categorization would be based on resource data collected from field surveys of the residential shoreline. The shoreline categorization is composed of three categories: Managed Residential Shoreline; Residential Shoreline Mitigation; and Shoreline Protection. A resource inventory has been conducted for sensitive species and their potential habitats, archaeological resources, and wetlands along Norris Reservoir's residential shoreline. The residential shoreline on Norris Reservoir comprises 33 percent of the total 809 miles of shoreline. Of that 264 miles of potential residential access shoreline, 133.17 miles are flowage easement.

A total of 65 percent of the residential shoreline has potential habitat for sensitive species; approximately 5 percent of the residential shoreline has archaeological resource concerns; and 24 percent of the residential shoreline has wetland vegetation. When these three components are mapped, the result is that 5.04 miles (1.91 percent) of residential shoreline would be in the Shoreline Protection category; 232.65 miles (88.14 percent) would be in the Residential Shoreline Mitigation category, and 26.27 miles (9.95 percent) of the residential shoreline would be in the Managed Residential Shoreline category. The Shoreline Protection category denotes shoreland segments possessing populations of federal- and state-listed species that are especially vulnerable to impacts associated with shoreline development. Within the Residential Shoreline Mitigation category, site-specific impacts of each resource would be assessed and mitigated in accordance with the applicable regulations governing that resource. Shoreline categorized in the Managed Residential Shoreline category would not have any known sensitive resources.

4.2 Other Objectives

- ***Honor existing land use commitments on TVA public land where the existing uses are meeting intended objectives.*** A basic premise of the land planning process is to honor existing commitments on TVA public land. Each of these commitments has been reviewed in light of continuing to provide public benefit and/or uphold sound management practices which meet TVA's expected level of performance. TVA is always prepared to evaluate unacceptable conditions and render necessary solutions when TVA public land is involved.

A large portion of Developed Recreation (Zone 6) parcels was already committed for recreation facilities. All Project Operations (Zone 2) and Residential Access (Zone 7) were committed parcels. Fifty-seven parcels, containing 1,743.90 acres (86 percent), are considered committed to Developed Recreation (Zone 6).

The fourteen parcels, containing 934.50 acres, were allocated to Project Operations (Zone 2) because of existing land uses. Likewise, the 69 parcels, containing 1,472.55 acres, are allocated to Residential Access (Zone 7) because of prior commitments. The majority of these parcels have had the adjacent property sold with outstanding rights of ingress and

gress in the late 1950s. These current commitments of TVA public land are honored in the Norris Plan and have met the planning objective.

5. ALLOCATION PROCESS

During the allocation process, the location, existing conditions, and qualities of each parcel were discussed. As explained in the Introduction to the Norris Plan, the allocation team honored all existing commitments—that is, existing leases, licenses, easements, and uses by TVA programs. Allocation to Residential Access (Zone 7) was based on SMP commitments. The remaining parcels were allocated based on reservoir planning objectives and TVA programs' requested land uses, which were developed with public input. Proposed allocations were made by consensus.

During the allocation meeting, the planning team allocated the TVA public land by parcels to six of the seven zones defined in Table A-1.1. No additional land was allocated to Non-TVA Shoreland (Zone 1). Appendix A-3 is the Parcel Information Matrix which identifies each parcel number, allocation zone, number of acres, reason for allocation, prior forecast designation, map panel locator.

TABLE A-1.1 PLANNED LAND USE ZONE DEFINITIONS	
Zone	Definition
1 Non-TVA Shoreland <i>(Flowage/ Retained Rights)</i>	<p>Shoreland located above summer pool elevation that TVA does not own in fee or land never purchased by TVA. TVA is not allocating private or other non-TVA public land. This category is provided to assist in comprehensive evaluation of potential environmental impacts of TVA's allocation decision. Non-TVA shoreland includes:</p> <ul style="list-style-type: none"> • Flowage easement land—Privately or publicly owned land where TVA has purchased the right to flood and/or limit structures. Flowage easement land is generally purchased to a contour elevation. Since this land is subject to TVA's Section 26a permitting requirements, the SMP guidelines discussed in the definition of Residential Access (Zone 7) apply to the construction of water use facilities fronting flowage easement residential development. SMP guidelines addressing land based structures and vegetation management do not apply. • Privately owned reservoir land—This is land never purchased by TVA and may include, but is not limited to, residential, industrial, commercial, or agricultural land. This land is subject to TVA's Section 26a approvals for structures.
2 Project Operations	<p>All TVA public land currently used for TVA operations and public works projects includes:</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.

TABLE A-1.1 PLANNED LAND USE ZONE DEFINITIONS	
Zone	Definition
	<ul style="list-style-type: none"> • Dam reservation land—Areas used for developed and dispersed recreation, maintenance facilities, watershed team 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 day-boards and beacons—Areas with structures placed on the shoreline to facilitate navigation. • Public works projects—Includes fire halls, public water intakes, public treatment plants, etc. (These projects are placed in this category as a matter of convenience and may not relate specifically to TVA projects.) • Land planned for any of the above uses in the future.
3	<p>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 laws or executive orders and other land features/natural resources TVA considers important to the area viewscape or natural environment. Recreational activities, such as hunting, wildlife observation, and camping on undeveloped sites, may occur in this zone, but the overriding focuses are protecting and enhancing the sensitive resource the site supports. Areas included are:</p> <ul style="list-style-type: none"> • TVA-designated sites with potentially significant archaeological resources. • TVA public land with sites/structures listed on or eligible for listing on 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 areas managed to protect populations of species identified as threatened or endangered by the USFWS, 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.

TABLE A-1.1 PLANNED LAND USE ZONE DEFINITIONS	
Zone	Definition
	<ul style="list-style-type: none"> • Small wild areas—These TVA natural areas are areas 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—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. These areas will be included in Sensitive Resource Management (Zone 3) when identified sensitive resources are present. • Significant scenic areas—These are 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. • Land planned for any of the above uses in the future.
4	<p>Natural Resource Conservation</p> <p>Land managed for the enhancement of natural resources for human use and appreciation. Management of resources is the primary focus of this zone. Appropriate activities in this zone include hunting, timber management to promote forest health, wildlife observation, and camping on undeveloped sites. Areas included are:</p> <ul style="list-style-type: none"> • TVA public land under easement, lease, or license to other agencies for wildlife or forest management purposes. • TVA public land fronting land owned by other agencies for wildlife or forest management purposes. • TVA public land managed for wildlife or forest management projects. • Informal recreation areas maintained for passive, dispersed recreation activities, such as hunting, hiking, birdwatching, photography, primitive camping, bank fishing, and picnicking. • Shoreline Conservation Areas—Narrow riparian strips of vegetation between the water’s edge and TVA’s backlying property that are managed for wildlife, water quality, or visual qualities. • Wildlife Observation Areas—Areas with unique concentrations of easily observable wildlife that are managed as designated public wildlife observation areas.

TABLE A-1.1 PLANNED LAND USE ZONE DEFINITIONS	
Zone	Definition
	<ul style="list-style-type: none"> • 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 Natural Resource Conservation (Zone 4) unless sensitive resources are present (see Sensitive Resource Management, Zone 3).
5	<p>Industrial/ Commercial* Development</p> <p>Land managed for economic development, including business, commercial, light manufacturing, and general industrial uses. Areas included are:</p> <ul style="list-style-type: none"> • TVA public land under easement, lease, or license to other agencies/individuals. • TVA public land fronting land owned by other agencies/individuals. • Sites planned for future use supporting sustainable development. <p>Types of development that can occur on this land are:</p> <ul style="list-style-type: none"> • Business parks—TVA waterfront land which would support business and light manufacturing activities. • Industrial access—Access to the waterfront by backlying 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 which have both offshore and onshore facilities. • Minor commercial landing—A temporary or intermittent activity that takes place without permanent improvements to the property. These sites can be used for transferring pulpwood, sand, gravel, and other natural resource commodities between barges and trucks.
6	<p>Developed Recreation</p> <p>All reservoir land managed for concentrated, active recreation activities that require capital improvement and maintenance, including:</p> <ul style="list-style-type: none"> • TVA public land under easement, lease, or license to other agencies/individuals for recreational purposes. • TVA public land fronting land owned by other agencies/individuals for recreational purposes. • TVA public land developed for recreational purposes, such as campgrounds and day use areas. • Land planned for any of the above uses in the future. <p>Types of development that can occur on this land are:</p> <ul style="list-style-type: none"> • Commercial recreation, e.g., commercial marinas, resorts, campgrounds, and golf courses.

TABLE A-1.1 PLANNED LAND USE ZONE DEFINITIONS	
Zone	Definition
	<ul style="list-style-type: none"> • Public recreation, e.g., local, state, and federal parks and recreation areas. • Greenways, e.g., linear parks located along natural features, such as lakes or ridges or along man-made features, including abandoned railways or utility rights-of-way which link people and resources together. • Water access sites, e.g., boat ramps, courtesy piers, canoe access, fishing piers, vehicle parking areas, picnic areas, trails, toilet facilities, and information kiosks.
7	<p>Residential Access</p> <p>TVA-owned land where Section 26a applications and other land use approvals for residential shoreline alterations are considered. Requests for residential shoreline alterations are considered on parcels identified in this zone where such use was previously considered and where the proposed use would not conflict with the interests of the general public. Under the Norris Plan, residential access would be divided into three categories based on the presence and potential impacts to sensitive ecological resources, such as threatened or endangered species, wetlands, and archaeological and historic sites. The categories are (1) Shoreline Protection where no residential alterations would be permitted; (2) Residential Shoreline Mitigation, where special analysis would be needed; and (3) Managed Residential Shoreline, where no known sensitive resources exist. Types of development/management that can be considered on this land are:</p> <ul style="list-style-type: none"> • Residential water use facilities, e.g., docks, piers, launching ramps/driveways, marine railways, boathouses, enclosed storage space, and potable/nonpotablewater intakes. • Residential access corridors, e.g., pathways, wooden steps, walkways, or mulched paths which can include portable picnic tables and utility lines. • Shoreline stabilization, e.g., bioengineering, riprap, and gabions, and retaining walls. • Shoreline vegetation management on TVA-owned residential access shoreland. • Conservation easements for protection of the shoreline. • Other activities, e.g., fill, excavation, grading.

*Commercial recreation uses, such as marinas and campgrounds, are included in Zone 6.

6. GLOSSARY OF TERMS

Dam Reservation	Land generally maintained in a park-like setting by TVA to protect the integrity of the dam structure, hydroelectric facilities, and navigation lock. The reservation also provides for public visitor access to the TVA dam facilities and recreation opportunities, such as public boat access, bank fishing, camping, and picnicking.
Emergent Wetland	Wetlands dominated by erect, rooted herbaceous plants, such as cattails and bulrush.
Endangered Species	Any species in danger of extinction throughout all or a significant portion of its range or territory.
Floodplains	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 a 1 percent or greater chance of flooding (100-year flood) in any given year.
Forecast System	The process used for planning the use of TVA public land. TVA staff would provide a record of actual and prospective uses indicated for particular properties. A Forecast System record book was prepared for each TVA reservoir to serve as a general guide for use or development to benefit TVA staff interests and the local or regional economy. Decisions on the best use of the property were made, using internal agency expertise. The new land use planning process will eventually replace the Forecast System as the mechanism for identifying acceptable uses of TVA public land. A major difference between the two methods is the involvement of the public in the planning process.
Fragmentation	The process of breaking up a large area of relatively uniform habitat into one or more smaller, disconnected areas.
Mainstream Reservoirs	Impoundments created by dams constructed across the Tennessee River.
Riparian Zone	An area of land that has vegetation or physical characteristics reflective of permanent water influence. Typically, a streamside zone or shoreline edge.
Riprap	Stones placed along the shoreline for bank stabilization and other purposes.
Section 26a Review Process	Section 26a of the TVA Act requires review and approval of plans for obstructions, such as docks, fills, bridges, outfalls, water intakes, and riprap before they are constructed across, in, or along the Tennessee River and its tributaries. Applications for this approval are coordinated appropriately within TVA and USACE. The appropriate state water pollution control agency must also certify that the effluent from outfalls meets the applicable water quality standards.
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.
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 Management Zone	A barrier of permanent vegetation established or left undisturbed around a reservoir in order to buffer the adverse impacts resulting from development and increased human activity.
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.
Wetlands (as defined in TVA Environmental Review Procedures)	“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 seasonably saturated soil conditions for growth and reproduction. Wetlands generally include swamps, marshes, bogs, and similar areas, such as sloughs, potholes, wet meadows, mud flats, and natural ponds.”

ACRONYMS AND ABBREVIATIONS

Board	TVA Board of Directors
BMPs	Best Management Practices
CMC	Clean Marina Campaign
EA	Environmental Assessment
EIS	Environmental Impact Statement
GIS	Geographic Information System
Norris Plan	Norris Reservoir Land Management Plan
SMI	Shoreline Management Initiative
SMP	Shoreline Management Policy
Tactical Plan	Norris Dam Reservation Tactical Plan
TVA	Tennessee Valley Authority
TWRA	Tennessee Wildlife Resources Agency

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Environmental Assessment

Norris Reservoir Land Management Plan



Appendix A-3 Parcel Information Matrix

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APPENDIX A-3 PARCEL INFORMATION MATRIX

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
1	2	6.29	Existing TVA operations.	Forestry Research	1
2	3	10.54	Sensitive plant resources were found on this parcel.	Forestry Research	1
3	4	246.05	Capable and suitable for sustaining natural resource-based activities.	Forestry Research	1
4	6	13.24	This is the location of the Miller Island boat launching ramp and parking area.	Forestry Research	1
5	3	60.04	Capable and suitable for sustaining natural resource-based activities. A TVA Natural Area exists on this parcel to protect a vigorous population of Kentucky rosin-weed. TVA will work with the City of Norris to ensure the protection of this population.	Forestry Research	1
6	2	903.74	Existing TVA operations - Norris Dam Reservation. Three Natural Areas exists on this parcel.	Norris Dam Reservation	1
7	4	456.49	Capable and suitable for sustaining natural resource-based activities. A TVA Natural Area exists on this parcel.	Public Recreation	1
8	6	83.46	This parcel fronts Norris Dam State Park.	No Prior Forecast	1
9	3	5.65	Sensitive cultural, wetlands, and visual resources were found on this parcel.	Reservoir Operations - Islands	1
10	3	73.81	Sensitive cultural and plant resources were found. A TVA Natural Area exists on this parcel. on this parcel.	Public Recreation	1
11	6	2.19	This site is a TVA developed boat launching ramp and parking area.	Public Recreation	1
12	4	99.71	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Reservoir Operations	1
13	3	120.39	Sensitive visual, cultural, and plant resources were found on this parcel. A TVA Natural Area exists on this parcel.	Public Recreation	1

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
14	7	2.70	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
15	4	97.90	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	1
16	7	33.54	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
17	3	14.22	Sensitive visual, aquatic, and wetland resources were found on this parcel.	Reservoir Operations - Islands	1
18	6	6.02	This is an undeveloped TWRA access site.	Public Recreation	1
19	4	160.81	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Reservoir Operations	1
20	7	16.25	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
21	6	3.11	This is the site of Twin Cove Marina.	No Prior Forecast	1
22	4	2.15	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	1
23	7	1.26	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
24	4	51.76	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	1
25	6	136.48	This parcel fronts Cove Lake State Park.	Public Recreation	1
26	6	4.51	This parcel has constructed ball fields and Caryville community buildings.	Reservoir Operations	1
27	4	17.25	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	1
28	2	3.83	Existing TVA operations.	Reservoir Operations	1
29	7	9.75	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
30	7	4.81	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
31	6	5.29	This is an undeveloped TWRA access site.	No Prior Forecast	1
32	7	3.51	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
33	3	167.38	Sensitive plant resources were found on this parcel.	Public Recreation	1
34	4	385.46	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	1
35	6	3.69	This parcel fronts a TWRA access site. A TVA Natural Area exists on this parcel for the protection of population of Kentucky Rosin-weed occurring within an existing TWRA easement. TVA will work with the TDEC and TWRA to ensure protection of this population.	No Prior Forecast	1
36	3	18.96	Sensitive plant resources were found on this parcel. A TVA Natural Area exists on this parcel.	Public Recreation	1
37	6	5.22	This parcel fronts a TWRA access site.	Public Recreation	1
38	7	23.42	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
39	6	1.92	This parcel fronts a TWRA access site.	No Prior Forecast	1
40	4	119.87	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	1
41	3	97.90	Sensitive visual resources were found on this parcel.	Public Recreation	1
42	7	21.09	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
43	6	2.88	This is an undeveloped TWRA access site.	No Prior Forecast	1

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
44	4	3.25	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	1
45	7	15.15	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
46	4	114.52	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	1
47	6	1.82	This is an undeveloped TWRA access site.	Public Recreation	1
48	7	30.34	Private water use facilities and other residential shoreline alteration requests are considered.	Public Recreation	1
49	6	1.46	This is an undeveloped TWRA access site.	Public Recreation	1
50	6	5.66	Indian River Marina is located on this parcel.	Public Recreation	1
51	4	660.63	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Reservoir Operations - Islands	1
52	3	89.87	Sensitive plant resources were found on this parcel. A TVA Natural Area exists on this parcel.	Public Recreation	1
53	6	70.11	This parcel is currently being operated as Campbell County Park.	Public Recreation	1
54	7	0.76	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
55	4	12.84	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	1
56	6	1.01	This parcel fronts a TWRA access site.	No Prior Forecast	1
57	4	6.36	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	1
58	6	22.18	This parcel has a 30-year easement for ball field construction by the city of LaFollette.	Public Recreation	1

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
59	4	8.42	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	1
60	4	45.13	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	1
61	3	0.95	Sensitive wetland resources were found on this parcel.	Public Recreation	1
62	3	9.07	Sensitive visual, cultural, and plant resources were found on this parcel.	Public Recreation	1
63	4	62.06	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	1
64	3	1.96	Sensitive visual resources were found on this parcel.	Reservoir Operations - Islands	1
65	4	531.52	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	1
66	6	6.97	Whitman Hollow Dock is located on this parcel.	Public Recreation	1
67	4	177.22	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	1
68	3	150.57	Sensitive visual resources were found on this parcel.	No Prior Forecast	1
69	7	65.50	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
70	7	36.96	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
71	4	11.24	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	1
72	4	588.39	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	1
73	3	27.48	Sensitive cultural, plant, and animal resources were found on this parcel.	Public Recreation	1
74	3	83.68	Sensitive cultural and plant resources were found on this parcel. A TVA Natural Area exists on this parcel.	Public Recreation	2

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
75	4	55.40	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	2
76	4	3.60	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	2
77	6	14.69	This property fronts land owned by the Blue Ridge Council of the Boy Scouts of America.	No Prior Forecast	2
78	3	154.20	Sensitive visual resources were found on this parcel.	Public Recreation	2
79	7	29.11	Private water use facilities and other residential shoreline alteration requests are considered.	Reservoir Operations	2
80	6	8.23	Rainbow Marina and Resort is located on this parcel.	Reservoir Operations	2
81	3	1.50	Sensitive visual and cultural resources were found on this parcel.	Reservoir Operations - Islands	2
82	3	107.58	Sensitive plant and wetland resources were found on this parcel.	Public Recreation	2
83	4	516.08	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	2
84	6	5.79	This parcel fronts land sold to the Ministers and Orphanage Camp for recreation purposes.	No Prior Forecast	2
85	7	1.16	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	2
86	7	31.42	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	2
87	6	6.88	ShanghaiResort is located on this parcel..	No Prior Forecast	2
88	7	55.21	Private water use facilities and other residential shoreline alteration requests are considered.	Commercial Recreation	2
89	4	97.33	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	2

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
90	4	1.23	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	2
91	6	6.85	This parcel fronts a TWRA access site.	No Prior Forecast	2
92	7	2.82	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	2
93	4	42.78	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	2
94	6	14.22	This is an undeveloped TWRA access site.	No Prior Forecast	2
95	4	16.77	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	2
96	4	13.57	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	2
97	6	0.64	This parcel fronts a TWRA access site.	No Prior Forecast	2
98	7	19.47	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	2
99	6	6.38	This is an undeveloped TWRA access site.	No Prior Forecast	2
100	6	5.89	This parcel fronts a TWRA access site.	No Prior Forecast	2
101	4	1.17	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	2
102	4	4.93	Capable and suitable for sustaining natural resource-based activities.	No Forecast	2
103	4	1551.68	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Reservoir Operations, Reservoir Operations - Islands, Wildlife Management	1
104	4	6.53	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	2

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
105	7	72.45	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	2
106	4	0.59	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	1
107	6	3.04	This parcel fronts a TWRA access site.	Reservoir Operations	1
108	7	8.75	Private water use facilities and other residential shoreline alteration requests are considered.	Reservoir Operations	1
109	6	19.22	Powell Valley Resort is located at this site.	Reservoir Operations	1
110	4	48.46	Capable and suitable for sustaining natural resource-based activities.	Wildlife Management	1
111	4	0.18	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	1
112	6	5.68	This parcel fronts a TWRA access site.	Public Recreation	1
113	4	3.07	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	1
114	4	8.69	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	1
115	6	2.49	This is an undeveloped TWRA access site.	Public Recreation	1
116	4	5.15	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	1
117	7	9.71	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
118	6	6.59	Flat Hollow Marina is located at this site.	No Prior Forecast	1
119	7	7.50	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
120	4	15.76	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	1

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
121	4	2147.02	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	2
122	3	57.37	A TVA Small Wild Area exists on this parcel.	TVA Small Wild Area	3
123	3	145.11	A TVA Small Wild Area exists on this parcel.	Public Recreation, TVA Small Wild Area	3
124	6	7.40	Blue Springs Boat Dock is located on this parcel.	No Prior Forecast	2
125	7	8.84	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	2
126	7	4.34	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
127	6	9.43	Union County Boat Dock is located on this parcel.	No Prior Forecast	3
128	3	2.41	Sensitive wetland resources were found on this parcel.	No Prior Forecast	3
129	7	12.59	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
130	4	6.65	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	3
131	4	491.13	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	3
132	3	167.95	Sensitive visual resources were found on this parcel.	Public Recreation	3
133	4	11.08	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	3
134	4	8.54	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	3
135	4	8.19	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	3
136	4	6.25	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	3

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
137	3	62.46	Sensitive visual resources were found on this parcel.	Power Transmission System	3
138	4	1.09	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	3
139	7	14.30	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
140	6	0.52	Greasy Hollow Boat Dock is located on this parcel.	No Prior Forecast	3
141	4	109.32	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	3
142	4	6.29	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	3
143	4	145.19	Capable and suitable for sustaining natural resource-based activities.	Power Transmission System	3
144	6	4.10	This parcel fronts a developed TWRA access site.	Reservoir Operations	3
145	3	67.71	Sensitive visual, plant, and animal resources were found on this parcel. A TVA Natural Area exists on this parcel.	Public Recreation, Reservoir Operations	3
146	3	216.10	Sensitive visual and plant resources were found on this parcel.	Public Recreation	3
147	4	60.70	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	3
148	4	220.43	Capable and suitable for sustaining natural resource-based activities.	Power Transmission System	3
149	6	19.99	This parcel fronts a TWRA access site.	No Prior Forecast	3
150	4	716.31	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	3
151	3	104.56	Sensitive visual resources were found on this parcel.	Power Transmission System	3
152	6	7.45	This is an undeveloped TWRA access site.	No Prior Forecast	3

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
153	4	265.57	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	3
154	3	16.36	Sensitive plant resources were found on this parcel.	No Prior Forecast	3
155	4	8.73	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	3
156	4	53.45	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	3
157	3	455.74	Sensitive visual resources were found on this parcel.	Public Recreation	3
158	7	23.30	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
159	6	25.39	A portion of this parcel will be licensed to TWRA for boat launching ramp and parking lot.	Reservoir Operations	3
160	4	5.64	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	3
161	7	30.99	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
162	4	662.29	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	2
163	4	97.32	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	2
164	4	2.70	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	2
165	4	22.81	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	3
166	3	12.77	Sensitive wetland resources were found on this parcel.	Public Recreation	3
167	4	25.82	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	3
168	4	43.23	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	3

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
169	4	0.83	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	2
170	4	43.82	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	2
171	7	243.46	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
172	4	328.49	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Reservoir Operations	3
173	3	16.73	Sensitive cultural resources were found on this parcel.	Reservoir Operations	3
174	4	120.74	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Reservoir Operations	3
175	2	4.02	Existing TVA operations.	Public Recreation	3
176	6	56.27	Union County, Tennessee, has a 30-year recreation easement on this parcel.	Forestry Research, Public Recreation, Reservoir Operations	3
177	6	11.90	Lakeview Boat Dock is located on this parcel.	Reservoir Operations	3
178	6	17.45	This is an undeveloped TWRA access site.	No Prior Forecast	3
179	7	3.45	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
180	3	9.80	Sensitive cultural resources were found on this parcel.	Public Recreation	3
181	3	187.13	Sensitive visual, cultural, and plant resources were found on this parcel. A TVA Natural Area exists on this parcel.	Public Recreation, Reservoir Operations - Islands	3
182	3	161.87	Sensitive cultural and plant resources were found on this parcel. A TVA Natural Area exists on this parcel.	Reservoir Operations - Islands	3
183	6	16.92	This parcel fronts a TWRA access site.	No Prior Forecast	3

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
184	7	2.10	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
185	4	351.12	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	3
186	6	8.38	This parcel fronts a TWRA access site.	Public Recreation	3
187	3	13.74	Sensitive cultural, plant, and wetland resources were found on this parcel.	Public Recreation	3
188	6	81.59	This parcel has been identified as a new developed recreation area.	Public Recreation	3
189	4	218.65	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	3
190	6	58.56	Cedar Grove Marina and campground is located on this parcel.	Public Recreation, Reservoir Operations	3
191	4	0.77	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	3
192	2	0.80	Existing TVA operations.	No Prior Forecast	3
193	7	39.38	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
194	4	282.84	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Reservoir Operations - Islands	3
195	6	10.20	Straight Creek Boat Dock is located on this parcel.	Public Recreation	4
196	6	10.39	This parcel fronts a TWRA access site.	No Prior Forecast	4
197	4	15.31	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	4
198	4	5.38	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	4
199	3	59.45	Sensitive cultural and visual resources were found on this parcel.	Public Recreation	4
200	4	18.12	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	4

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
201	6	6.57	This parcel fronts a TWRA access site.	No Prior Forecast	4
202	4	406.69	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Reservoir Operations	4
203	3	121.97	Sensitive visual resources were found on this parcel.	Public Recreation	4
204	7	183.72	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	4
205	4	176.49	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Reservoir Operations	4
206	6	3.99	This parcel fronts a TWRA access site.	No Prior Forecast	4
207	3	13.12	Sensitive visual resources were found on this parcel.	Reservoir Operations - Islands	4
208	4	59.41	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Steam Plant Study	4
209	6	65.38	Claiborne County has a 30-year easement on this parcel for recreation. Pat of this parcel is also transferred to TWRA and Lone Mountain Boat Dock is located on this parcel.	Reservoir Operations	4
210	4	1.01	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	4
211	4	40.26	Capable and suitable for sustaining natural resource-based activities.	Steam Plant Study	4
212	3	345.62	Sensitive plant resources were found on this parcel.	Steam Plant Study	4
213	4	140.01	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	4
214	3	8.82	Sensitive cultural resources were found on this parcel.	Public Recreation	4
215	4	14.21	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	4
216	3	194.87	Sensitive cultural, animal, and wetland resources were found on this parcel.	Public Recreation	4

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
217	6	11.65	This parcel fronts a TWRA access site.	Public Recreation	4
218	4	33.92	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Reservoir Operations	4
219	3	20.87	Sensitive cultural and wetland resources were found on this parcel.	Public Recreation	4
220	6	0.75	This parcel fronts a TWRA access site.	No Prior Forecast	4
221	4	0.71	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	4
222	4	22.59	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	4
223	3	83.85	Sensitive wetland resources were found on this parcel.	Reservoir Operations	4
224	4	6.79	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	4
225	3	75.34	A TVA Small Wild Area exists on this parcel.	Reservoir Operations, TVA Small Wild Area	4
226	4	735.45	Capable and suitable for sustaining natural resource-based activities.	Forestry Research, Public Recreation, Reservoir Operations, Steam Plant Study	4
227	3	18.34	Sensitive visual resources were found on this parcel.	Steam Plant Study	4
228	4	83.95	Capable and suitable for sustaining natural resource-based activities.	Commercial Landing, Steam Plant Study	4
229	3	45.53	Sensitive visual resources were found on this parcel.	Commercial Landing, Public Recreation, Steam Plant Study	4
230	3	85.34	Sensitive visual and animal resources were found on this parcel.	Public Recreation, Reservoir Operations	4
231	3	63.97	Sensitive visual resources were found on this parcel.	Public Recreation	4
232	4	119.44	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	4
233	4	15.81	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	4

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
234	6	8.94	This parcel fronts a TWRA access site.	Public Recreation, Reservoir Operations	4
235	3	0.88	Sensitive aquatic animal resources were found on the parcel.	No Prior Forecast	4
236	7	5.39	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	4
237	4	161.60	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	4
238	4	0.48	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	4
239	3	45.66	Sensitive wetland resources were found on this parcel.	Reservoir Operations	4
240	7	1.36	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	4
241	6	7.04	This parcel fronts a TWRA access site.	No Prior Forecast	4
242	4	1.05	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	4
243	4	38.27	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	4
244	4	9.84	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	4
245	3	49.57	Sensitive visual resources were found on this parcel.	Public Recreation	4
246	7	25.68	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	4
247	4	19.10	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	4
248	7	38.27	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	4
249	4	4.51	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	4

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
250	4	344.26	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	4
251	3	91.34	Sensitive visual resources were found on this parcel.	Public Recreation	4
252	7	5.52	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	4
253	4	264.16	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	4
254	3	156.30	Sensitive visual, cultural, plant, and wetland resources were found on this parcel.	Public Recreation	4
255	6	1.75	Grainger County, Tennessee, has a license agreement on this parcel for recreation.	Public Recreation	4
256	6	2.70	This parcel fronts a TWRA access site.	Public Recreation	4
257	4	355.98	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	4
258	3	57.74	Sensitive visual resources were found on this parcel.	Public Recreation, Reservoir Operations - Islands	4
259	6	5.84	This parcel fronts a TWRA access site.	No Prior Forecast	4
260	7	26.48	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	4
261	6	11.94	This parcel fronts a TWRA access site.	No Prior Forecast	4
262	7	72.36	Private water use facilities and other residential shoreline alteration requests are considered.	Reservoir Operations	4
263	4	4.54	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	4
264	3	51.70	Sensitive visual resources were found on this parcel.	Power Transmission System	4

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
265	4	24.06	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	4
266	3	37.91	Sensitive visual resources were found on this parcel.	Public Recreation	4
267	4	264.89	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Reservoir Operations - Islands	3
268	7	22.65	Private water use facilities and other residential shoreline alteration requests are considered.	Reservoir Operations	3
269	4	49.27	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	3
270	6	20.55	This parcel fronts a TWRA access site.	No Prior Forecast	3
271	4	0.53	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	3
272	4	13.47	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	3
273	7	7.61	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
274	4	125.67	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	3
275	6	45.62	Pennington's 33 Bridge Marina is located on this parcel.	Public Recreation, Reservoir Operations - Islands	3
276	3	12.57	A TVA Natural Area exists on this parcel.	TVA Small Wild Area	3
277	4	224.22	Capable and suitable for sustaining natural resource-based activities.	Forestry Research, Public Recreation, Reservoir Operations - Islands	3
278	7	27.68	Private water use facilities and other residential shoreline alteration requests are considered.	Reservoir Operations	3
279	3	8.48	Sensitive visual resources were found on this parcel.	Reservoir Operations - Islands	3
280	4	14.34	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	3

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
281	7	10.87	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
282	4	1.10	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	3
283	6	6.79	This parcel fronts a TWRA access site.	No Prior Forecast	3
284	7	0.44	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
285	4	191.01	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	3
286	4	61.46	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Reservoir Operations	3
287	4	518.38	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	3
288	7	23.57	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
289	4	75.83	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	3
290	4	1.43	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	3
291	7	8.42	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	2
292	3	119.68	Sensitive visual resources were found on this parcel.	Reservoir Operations - Islands	2
293	6	10.50	This parcel is the site of Hickory Star Marina.	Reservoir Operations	2
294	6	283.09	This parcel fronts Big Ridge State Park. There is also a TWRA access site located on this parcel.	No Prior Forecast	2
295	4	5.50	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	2

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
296	4	56.89	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	2
297	6	132.62	This parcel fronts Tanasi Council Girl Scout Camp.	No Prior Forecast	2
298	7	6.76	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	2
299	4	9.02	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	2
300	7	26.48	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	2
301	6	8.73	Andersonville Boat Dock is located on this parcel..	No Prior Forecast	2
302	2	15.82	Existing TVA operations.	Reservoir Operations	2
303	4	186.50	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	2
304	7	19.65	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	2
305	6	7.03	This is an undeveloped TWRA access site.	No Prior Forecast	2
306	4	1280.78	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	2
307	6	204.59	This parcel is currently operated as TVA Loyston Point Public Use Area.	Public Recreation	2
308	3	176.73	A TVA Natural Area exists on this parcel.	Public Recreation, TVA Small Wild Area	2
309	4	8.07	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	2
310	6	24.15	Stardust Resort and Marina is located on this parcel.	No Prior Forecast	2
311	6	38.13	Anderson County Park is located on this parcel.	No Prior Forecast	2

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
312	7	6.25	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	2
313	7	68.01	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	2
314	6	0.59	This parcel fronts a TWRA access site.	No Prior Forecast	2
315	6	5.29	Sequoyah Lodge and Marina, Inc. is located on this parcel.	No Prior Forecast	2

Environmental Assessment

**Norris Reservoir
Land Management Plan**



*Appendix A-3
Parcel Information Matrix*

September 2001



APPENDIX A-3 PARCEL INFORMATION MATRIX

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
1	2	6.29	Existing TVA operations.	Forestry Research	1
2	3	10.54	Sensitive plant resources were found on this parcel.	Forestry Research	1
3	4	246.05	Capable and suitable for sustaining natural resource-based activities.	Forestry Research	1
4	6	13.24	This is the location of the Miller Island boat launching ramp and parking area.	Forestry Research	1
5	3	60.04	Capable and suitable for sustaining natural resource-based activities. A TVA Natural Area exists on this parcel to protect a vigorous population of Kentucky rosin-weed. TVA will work with the City of Norris to ensure the protection of this population.	Forestry Research	1
6	2	903.74	Existing TVA operations - Norris Dam Reservation. Three Natural Areas exists on this parcel.	Norris Dam Reservation	1
7	4	456.49	Capable and suitable for sustaining natural resource-based activities. A TVA Natural Area exists on this parcel.	Public Recreation	1
8	6	83.46	This parcel fronts Norris Dam State Park.	No Prior Forecast	1
9	3	5.65	Sensitive cultural, wetlands, and visual resources were found on this parcel.	Reservoir Operations - Islands	1
10	3	73.81	Sensitive cultural and plant resources were found. A TVA Natural Area exists on this parcel. on this parcel.	Public Recreation	1
11	6	2.19	This site is a TVA developed boat launching ramp and parking area.	Public Recreation	1
12	4	99.71	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Reservoir Operations	1
13	3	120.39	Sensitive visual, cultural, and plant resources were found on this parcel. A TVA Natural Area exists on this parcel.	Public Recreation	1

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
14	7	2.70	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
15	4	97.90	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	1
16	7	33.54	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
17	3	14.22	Sensitive visual, aquatic, and wetland resources were found on this parcel.	Reservoir Operations - Islands	1
18	6	6.02	This is an undeveloped TWRA access site.	Public Recreation	1
19	4	160.81	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Reservoir Operations	1
20	7	16.25	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
21	6	3.11	This is the site of Twin Cove Marina.	No Prior Forecast	1
22	4	2.15	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	1
23	7	1.26	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
24	4	51.76	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	1
25	6	136.48	This parcel fronts Cove Lake State Park.	Public Recreation	1
26	6	4.51	This parcel has constructed ball fields and Caryville community buildings.	Reservoir Operations	1
27	4	17.25	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	1
28	2	3.83	Existing TVA operations.	Reservoir Operations	1
29	7	9.75	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
30	7	4.81	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
31	6	5.29	This is an undeveloped TWRA access site.	No Prior Forecast	1
32	7	3.51	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
33	3	167.38	Sensitive plant resources were found on this parcel.	Public Recreation	1
34	4	385.46	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	1
35	6	3.69	This parcel fronts a TWRA access site. A TVA Natural Area exists on this parcel for the protection of population of Kentucky Rosin-weed occurring within an existing TWRA easement. TVA will work with the TDEC and TWRA to ensure protection of this population.	No Prior Forecast	1
36	3	18.96	Sensitive plant resources were found on this parcel. A TVA Natural Area exists on this parcel.	Public Recreation	1
37	6	5.22	This parcel fronts a TWRA access site.	Public Recreation	1
38	7	23.42	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
39	6	1.92	This parcel fronts a TWRA access site.	No Prior Forecast	1
40	4	119.87	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	1
41	3	97.90	Sensitive visual resources were found on this parcel.	Public Recreation	1
42	7	21.09	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
43	6	2.88	This is an undeveloped TWRA access site.	No Prior Forecast	1

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
44	4	3.25	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	1
45	7	15.15	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
46	4	114.52	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	1
47	6	1.82	This is an undeveloped TWRA access site.	Public Recreation	1
48	7	30.34	Private water use facilities and other residential shoreline alteration requests are considered.	Public Recreation	1
49	6	1.46	This is an undeveloped TWRA access site.	Public Recreation	1
50	6	5.66	Indian River Marina is located on this parcel.	Public Recreation	1
51	4	660.63	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Reservoir Operations - Islands	1
52	3	89.87	Sensitive plant resources were found on this parcel. A TVA Natural Area exists on this parcel.	Public Recreation	1
53	6	70.11	This parcel is currently being operated as Campbell County Park.	Public Recreation	1
54	7	0.76	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
55	4	12.84	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	1
56	6	1.01	This parcel fronts a TWRA access site.	No Prior Forecast	1
57	4	6.36	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	1
58	6	22.18	This parcel has a 30-year easement for ball field construction by the city of LaFollette.	Public Recreation	1

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
59	4	8.42	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	1
60	4	45.13	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	1
61	3	0.95	Sensitive wetland resources were found on this parcel.	Public Recreation	1
62	3	9.07	Sensitive visual, cultural, and plant resources were found on this parcel.	Public Recreation	1
63	4	62.06	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	1
64	3	1.96	Sensitive visual resources were found on this parcel.	Reservoir Operations - Islands	1
65	4	531.52	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	1
66	6	6.97	Whitman Hollow Dock is located on this parcel.	Public Recreation	1
67	4	177.22	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	1
68	3	150.57	Sensitive visual resources were found on this parcel.	No Prior Forecast	1
69	7	65.50	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
70	7	36.96	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
71	4	11.24	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	1
72	4	588.39	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	1
73	3	27.48	Sensitive cultural, plant, and animal resources were found on this parcel.	Public Recreation	1
74	3	83.68	Sensitive cultural and plant resources were found on this parcel. A TVA Natural Area exists on this parcel.	Public Recreation	2

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
75	4	55.40	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	2
76	4	3.60	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	2
77	6	14.69	This property fronts land owned by the Blue Ridge Council of the Boy Scouts of America.	No Prior Forecast	2
78	3	154.20	Sensitive visual resources were found on this parcel.	Public Recreation	2
79	7	29.11	Private water use facilities and other residential shoreline alteration requests are considered.	Reservoir Operations	2
80	6	8.23	Rainbow Marina and Resort is located on this parcel.	Reservoir Operations	2
81	3	1.50	Sensitive visual and cultural resources were found on this parcel.	Reservoir Operations - Islands	2
82	3	107.58	Sensitive plant and wetland resources were found on this parcel.	Public Recreation	2
83	4	516.08	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	2
84	6	5.79	This parcel fronts land sold to the Ministers and Orphanage Camp for recreation purposes.	No Prior Forecast	2
85	7	1.16	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	2
86	7	31.42	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	2
87	6	6.88	ShanghaiResort is located on this parcel..	No Prior Forecast	2
88	7	55.21	Private water use facilities and other residential shoreline alteration requests are considered.	Commercial Recreation	2
89	4	97.33	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	2

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
90	4	1.23	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	2
91	6	6.85	This parcel fronts a TWRA access site.	No Prior Forecast	2
92	7	2.82	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	2
93	4	42.78	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	2
94	6	14.22	This is an undeveloped TWRA access site.	No Prior Forecast	2
95	4	16.77	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	2
96	4	13.57	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	2
97	6	0.64	This parcel fronts a TWRA access site.	No Prior Forecast	2
98	7	19.47	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	2
99	6	6.38	This is an undeveloped TWRA access site.	No Prior Forecast	2
100	6	5.89	This parcel fronts a TWRA access site.	No Prior Forecast	2
101	4	1.17	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	2
102	4	4.93	Capable and suitable for sustaining natural resource-based activities.	No Forecast	2
103	4	1551.68	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Reservoir Operations, Reservoir Operations - Islands, Wildlife Management	1
104	4	6.53	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	2

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
105	7	72.45	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	2
106	4	0.59	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	1
107	6	3.04	This parcel fronts a TWRA access site.	Reservoir Operations	1
108	7	8.75	Private water use facilities and other residential shoreline alteration requests are considered.	Reservoir Operations	1
109	6	19.22	Powell Valley Resort is located at this site.	Reservoir Operations	1
110	4	48.46	Capable and suitable for sustaining natural resource-based activities.	Wildlife Management	1
111	4	0.18	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	1
112	6	5.68	This parcel fronts a TWRA access site.	Public Recreation	1
113	4	3.07	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	1
114	4	8.69	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	1
115	6	2.49	This is an undeveloped TWRA access site.	Public Recreation	1
116	4	5.15	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	1
117	7	9.71	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
118	6	6.59	Flat Hollow Marina is located at this site.	No Prior Forecast	1
119	7	7.50	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	1
120	4	15.76	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	1

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
121	4	2147.02	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	2
122	3	57.37	A TVA Small Wild Area exists on this parcel.	TVA Small Wild Area	3
123	3	145.11	A TVA Small Wild Area exists on this parcel.	Public Recreation, TVA Small Wild Area	3
124	6	7.40	Blue Springs Boat Dock is located on this parcel.	No Prior Forecast	2
125	7	8.84	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	2
126	7	4.34	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
127	6	9.43	Union County Boat Dock is located on this parcel.	No Prior Forecast	3
128	3	2.41	Sensitive wetland resources were found on this parcel.	No Prior Forecast	3
129	7	12.59	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
130	4	6.65	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	3
131	4	491.13	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	3
132	3	167.95	Sensitive visual resources were found on this parcel.	Public Recreation	3
133	4	11.08	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	3
134	4	8.54	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	3
135	4	8.19	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	3
136	4	6.25	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	3

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
137	3	62.46	Sensitive visual resources were found on this parcel.	Power Transmission System	3
138	4	1.09	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	3
139	7	14.30	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
140	6	0.52	Greasy Hollow Boat Dock is located on this parcel.	No Prior Forecast	3
141	4	109.32	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	3
142	4	6.29	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	3
143	4	145.19	Capable and suitable for sustaining natural resource-based activities.	Power Transmission System	3
144	6	4.10	This parcel fronts a developed TWRA access site.	Reservoir Operations	3
145	3	67.71	Sensitive visual, plant, and animal resources were found on this parcel. A TVA Natural Area exists on this parcel.	Public Recreation, Reservoir Operations	3
146	3	216.10	Sensitive visual and plant resources were found on this parcel.	Public Recreation	3
147	4	60.70	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	3
148	4	220.43	Capable and suitable for sustaining natural resource-based activities.	Power Transmission System	3
149	6	19.99	This parcel fronts a TWRA access site.	No Prior Forecast	3
150	4	716.31	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	3
151	3	104.56	Sensitive visual resources were found on this parcel.	Power Transmission System	3
152	6	7.45	This is an undeveloped TWRA access site.	No Prior Forecast	3

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
153	4	265.57	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	3
154	3	16.36	Sensitive plant resources were found on this parcel.	No Prior Forecast	3
155	4	8.73	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	3
156	4	53.45	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	3
157	3	455.74	Sensitive visual resources were found on this parcel.	Public Recreation	3
158	7	23.30	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
159	6	25.39	A portion of this parcel will be licensed to TWRA for boat launching ramp and parking lot.	Reservoir Operations	3
160	4	5.64	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	3
161	7	30.99	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
162	4	662.29	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	2
163	4	97.32	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	2
164	4	2.70	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	2
165	4	22.81	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	3
166	3	12.77	Sensitive wetland resources were found on this parcel.	Public Recreation	3
167	4	25.82	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	3
168	4	43.23	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	3

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
169	4	0.83	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	2
170	4	43.82	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	2
171	7	243.46	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
172	4	328.49	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Reservoir Operations	3
173	3	16.73	Sensitive cultural resources were found on this parcel.	Reservoir Operations	3
174	4	120.74	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Reservoir Operations	3
175	2	4.02	Existing TVA operations.	Public Recreation	3
176	6	56.27	Union County, Tennessee, has a 30-year recreation easement on this parcel.	Forestry Research, Public Recreation, Reservoir Operations	3
177	6	11.90	Lakeview Boat Dock is located on this parcel.	Reservoir Operations	3
178	6	17.45	This is an undeveloped TWRA access site.	No Prior Forecast	3
179	7	3.45	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
180	3	9.80	Sensitive cultural resources were found on this parcel.	Public Recreation	3
181	3	187.13	Sensitive visual, cultural, and plant resources were found on this parcel. A TVA Natural Area exists on this parcel.	Public Recreation, Reservoir Operations - Islands	3
182	3	161.87	Sensitive cultural and plant resources were found on this parcel. A TVA Natural Area exists on this parcel.	Reservoir Operations - Islands	3
183	6	16.92	This parcel fronts a TWRA access site.	No Prior Forecast	3

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
184	7	2.10	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
185	4	351.12	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	3
186	6	8.38	This parcel fronts a TWRA access site.	Public Recreation	3
187	3	13.74	Sensitive cultural, plant, and wetland resources were found on this parcel.	Public Recreation	3
188	6	81.59	This parcel has been identified as a new developed recreation area.	Public Recreation	3
189	4	218.65	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	3
190	6	58.56	Cedar Grove Marina and campground is located on this parcel.	Public Recreation, Reservoir Operations	3
191	4	0.77	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	3
192	2	0.80	Existing TVA operations.	No Prior Forecast	3
193	7	39.38	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
194	4	282.84	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Reservoir Operations - Islands	3
195	6	10.20	Straight Creek Boat Dock is located on this parcel.	Public Recreation	4
196	6	10.39	This parcel fronts a TWRA access site.	No Prior Forecast	4
197	4	15.31	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	4
198	4	5.38	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	4
199	3	59.45	Sensitive cultural and visual resources were found on this parcel.	Public Recreation	4
200	4	18.12	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	4

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
201	6	6.57	This parcel fronts a TWRA access site.	No Prior Forecast	4
202	4	406.69	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Reservoir Operations	4
203	3	121.97	Sensitive visual resources were found on this parcel.	Public Recreation	4
204	7	183.72	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	4
205	4	176.49	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Reservoir Operations	4
206	6	3.99	This parcel fronts a TWRA access site.	No Prior Forecast	4
207	3	13.12	Sensitive visual resources were found on this parcel.	Reservoir Operations - Islands	4
208	4	59.41	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Steam Plant Study	4
209	6	65.38	Claiborne County has a 30-year easement on this parcel for recreation. Pat of this parcel is also transferred to TWRA and Lone Mountain Boat Dock is located on this parcel.	Reservoir Operations	4
210	4	1.01	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	4
211	4	40.26	Capable and suitable for sustaining natural resource-based activities.	Steam Plant Study	4
212	3	345.62	Sensitive plant resources were found on this parcel.	Steam Plant Study	4
213	4	140.01	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	4
214	3	8.82	Sensitive cultural resources were found on this parcel.	Public Recreation	4
215	4	14.21	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	4
216	3	194.87	Sensitive cultural, animal, and wetland resources were found on this parcel.	Public Recreation	4

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
217	6	11.65	This parcel fronts a TWRA access site.	Public Recreation	4
218	4	33.92	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Reservoir Operations	4
219	3	20.87	Sensitive cultural and wetland resources were found on this parcel.	Public Recreation	4
220	6	0.75	This parcel fronts a TWRA access site.	No Prior Forecast	4
221	4	0.71	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	4
222	4	22.59	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	4
223	3	83.85	Sensitive wetland resources were found on this parcel.	Reservoir Operations	4
224	4	6.79	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	4
225	3	75.34	A TVA Small Wild Area exists on this parcel.	Reservoir Operations, TVA Small Wild Area	4
226	4	735.45	Capable and suitable for sustaining natural resource-based activities.	Forestry Research, Public Recreation, Reservoir Operations, Steam Plant Study	4
227	3	18.34	Sensitive visual resources were found on this parcel.	Steam Plant Study	4
228	4	83.95	Capable and suitable for sustaining natural resource-based activities.	Commercial Landing, Steam Plant Study	4
229	3	45.53	Sensitive visual resources were found on this parcel.	Commercial Landing, Public Recreation, Steam Plant Study	4
230	3	85.34	Sensitive visual and animal resources were found on this parcel.	Public Recreation, Reservoir Operations	4
231	3	63.97	Sensitive visual resources were found on this parcel.	Public Recreation	4
232	4	119.44	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	4
233	4	15.81	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	4

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
234	6	8.94	This parcel fronts a TWRA access site.	Public Recreation, Reservoir Operations	4
235	3	0.88	Sensitive aquatic animal resources were found on the parcel.	No Prior Forecast	4
236	7	5.39	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	4
237	4	161.60	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	4
238	4	0.48	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	4
239	3	45.66	Sensitive wetland resources were found on this parcel.	Reservoir Operations	4
240	7	1.36	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	4
241	6	7.04	This parcel fronts a TWRA access site.	No Prior Forecast	4
242	4	1.05	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	4
243	4	38.27	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	4
244	4	9.84	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	4
245	3	49.57	Sensitive visual resources were found on this parcel.	Public Recreation	4
246	7	25.68	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	4
247	4	19.10	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	4
248	7	38.27	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	4
249	4	4.51	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	4

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
250	4	344.26	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	4
251	3	91.34	Sensitive visual resources were found on this parcel.	Public Recreation	4
252	7	5.52	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	4
253	4	264.16	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	4
254	3	156.30	Sensitive visual, cultural, plant, and wetland resources were found on this parcel.	Public Recreation	4
255	6	1.75	Grainger County, Tennessee, has a license agreement on this parcel for recreation.	Public Recreation	4
256	6	2.70	This parcel fronts a TWRA access site.	Public Recreation	4
257	4	355.98	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	4
258	3	57.74	Sensitive visual resources were found on this parcel.	Public Recreation, Reservoir Operations - Islands	4
259	6	5.84	This parcel fronts a TWRA access site.	No Prior Forecast	4
260	7	26.48	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	4
261	6	11.94	This parcel fronts a TWRA access site.	No Prior Forecast	4
262	7	72.36	Private water use facilities and other residential shoreline alteration requests are considered.	Reservoir Operations	4
263	4	4.54	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	4
264	3	51.70	Sensitive visual resources were found on this parcel.	Power Transmission System	4

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
265	4	24.06	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	4
266	3	37.91	Sensitive visual resources were found on this parcel.	Public Recreation	4
267	4	264.89	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Reservoir Operations - Islands	3
268	7	22.65	Private water use facilities and other residential shoreline alteration requests are considered.	Reservoir Operations	3
269	4	49.27	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	3
270	6	20.55	This parcel fronts a TWRA access site.	No Prior Forecast	3
271	4	0.53	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	3
272	4	13.47	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations	3
273	7	7.61	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
274	4	125.67	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	3
275	6	45.62	Pennington's 33 Bridge Marina is located on this parcel.	Public Recreation, Reservoir Operations - Islands	3
276	3	12.57	A TVA Natural Area exists on this parcel.	TVA Small Wild Area	3
277	4	224.22	Capable and suitable for sustaining natural resource-based activities.	Forestry Research, Public Recreation, Reservoir Operations - Islands	3
278	7	27.68	Private water use facilities and other residential shoreline alteration requests are considered.	Reservoir Operations	3
279	3	8.48	Sensitive visual resources were found on this parcel.	Reservoir Operations - Islands	3
280	4	14.34	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	3

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
281	7	10.87	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
282	4	1.10	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	3
283	6	6.79	This parcel fronts a TWRA access site.	No Prior Forecast	3
284	7	0.44	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
285	4	191.01	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	3
286	4	61.46	Capable and suitable for sustaining natural resource-based activities.	Public Recreation, Reservoir Operations	3
287	4	518.38	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	3
288	7	23.57	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	3
289	4	75.83	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	3
290	4	1.43	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	3
291	7	8.42	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	2
292	3	119.68	Sensitive visual resources were found on this parcel.	Reservoir Operations - Islands	2
293	6	10.50	This parcel is the site of Hickory Star Marina.	Reservoir Operations	2
294	6	283.09	This parcel fronts Big Ridge State Park. There is also a TWRA access site located on this parcel.	No Prior Forecast	2
295	4	5.50	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	2

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
296	4	56.89	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	2
297	6	132.62	This parcel fronts Tanasi Council Girl Scout Camp.	No Prior Forecast	2
298	7	6.76	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	2
299	4	9.02	Capable and suitable for sustaining natural resource-based activities.	No Prior Forecast	2
300	7	26.48	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	2
301	6	8.73	Andersonville Boat Dock is located on this parcel..	No Prior Forecast	2
302	2	15.82	Existing TVA operations.	Reservoir Operations	2
303	4	186.50	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	2
304	7	19.65	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	2
305	6	7.03	This is an undeveloped TWRA access site.	No Prior Forecast	2
306	4	1280.78	Capable and suitable for sustaining natural resource-based activities.	Public Recreation	2
307	6	204.59	This parcel is currently operated as TVA Loyston Point Public Use Area.	Public Recreation	2
308	3	176.73	A TVA Natural Area exists on this parcel.	Public Recreation, TVA Small Wild Area	2
309	4	8.07	Capable and suitable for sustaining natural resource-based activities.	Reservoir Operations - Islands	2
310	6	24.15	Stardust Resort and Marina is located on this parcel.	No Prior Forecast	2
311	6	38.13	Anderson County Park is located on this parcel.	No Prior Forecast	2

Appendix A-3 Parcel Information Matrix					
Parcel No.	Zone Allocation	# Acres	Reason for Allocation	Prior Forecast Designation	Map Panel
312	7	6.25	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	2
313	7	68.01	Private water use facilities and other residential shoreline alteration requests are considered.	No Prior Forecast	2
314	6	0.59	This parcel fronts a TWRA access site.	No Prior Forecast	2
315	6	5.29	Sequoyah Lodge and Marina, Inc. is located on this parcel.	No Prior Forecast	2

Environmental Assessment

Norris Reservoir Land Management Plan



Parcel Descriptions

September 2001



**NORRIS RESERVOIR LAND
PARCEL DESCRIPTIONS**

**RESOURCE STEWARDSHIP
Clinch-Powell Watershed Team**

TENNESSEE VALLEY AUTHORITY

September 2001

Introduction

This is a supplemental document for the Norris Reservoir Land Management Plan. It contains parcel descriptions for the areas identified on the Norris Reservoir Land Management Plan (Alternative B) maps. This information is designed for internal TVA use by the Clinch-Powell Watershed Team (C-PWT). As new data is identified on TVA public land surrounding Norris Reservoir, the C-PWT will keep an electronic parcel description file updated on their server.

The Norris Land Management Plan was developed using information obtained from the public, other agencies, organizations, existing and newly collected field data on land conditions and resources, and technical knowledge of TVA staff. In determining proposed allocations for 315 parcels of TVA public land, TVA considered a wide range of possible land uses. Each parcel of land was reviewed to determine its physical capability and suitability for supporting possible uses as well as expressed public needs. Based on this information, the Norris Reservoir Planning Team allocated parcels to four of the seven planning zones. No additional land was allocated to Non-TVA Shoreland (Zone 1), Project Operations (Zone 2), or Residential Access (Zone 7). Should changing conditions warrant, TVA will consider future zone allocation changes for TVA public land with the appropriate level of environmental review, public involvement, and approval from the Board. Compatible public works/utilities projects proposed in any zone will not require an allocation change.

No proposals were made during the planning process to allocate TVA public land to Industrial/Commercial Development (Zone 5). In the past, TVA has accommodated requests for commercial or industrial uses on Norris Reservoir or projects to accommodate water access, water supply, or water treatment needs. In addition, TVA supports local communities in their efforts to improve the overall economic situations. If it is determined that TVA public land on Norris Reservoir could enhance an overall community development concept which includes commercial use, TVA would consider requests for utility corridor easements or allocation changes to support the proposal.

Parcel 1

Allocation: Zone 2 - TVA Operations
Acres: 6.29
Feet of Shoreline: N/A
Stream Location: N/A
Hydrologic Unit: 7-010
County: Anderson
Water Use Facilities: No

This parcel, located off of Highway 441, is also known as the Walnut Orchard. It includes buildings for boat and equipment storage, a boat repair shop, and the TVA employee Live Well Center.

Parcel 2

Allocation: Zone 3 - Sensitive Resource Management
 • Heritage (plants)
Acres: 10.54
Feet of Shoreline: N/A
Stream Location: N/A
Hydrologic Unit: 7-020
County: Anderson
Water Use Facilities: No

This small parcel is presently occupied by upland hardwood forest species. Over half of the area was formerly in agricultural fields that reverted to pine, which was killed by southern pine beetles in the mid-1970s. This area is now occupied by pole-size hardwood. The remainder of this parcel is older, mature, large sawtimber hardwood that exceeds 100 years old. Dominant species include white oak, southern red oak, and red maple. Access to this parcel is from Highway 441 via a road right-of-way over the southern boundary of this parcel, the adjacent former TVA public land (Tract No. XNR-847). This parcel was placed in Zone 3 due to the presence of one Tennessee state-listed endangered plant.

Parcel 3

Allocation: Zone 4 - Natural Resource Management
Acres: 246.05
Feet of Shoreline: N/A
Stream Location: Clinch River mile 78L
Hydrologic Unit: 7-010 and 7-020
County: Anderson
Water Use Facilities: No

This parcel includes TVA public land on both sides of Highway 441 downstream of Norris Dam. At the time of TVA purchase, over half of this parcel was in pasture or other agricultural use. In

the late 1930s, the TVA Forestry Research Division utilized much of the pastureland for experimental plantings of a variety of trees. Much of the early research was concentrated on agro-forestry and land stabilization. Some of the species planted included honey locust and shortleaf pine. Later plantings were aimed at hardwood tree improvement and establishment of seed orchards. Several species of European chestnuts were planted to explore the viability of introduction to replace the American chestnut. White and loblolly pine seed orchards were established in the mid-1960s. TVA discontinued the tree improvement program in the late 1970s; however, The University of Tennessee has continued to study some of these plantings. The Tennessee Division of Forestry, under a memorandum of understanding with TVA, currently manages the white pine seed orchards. The loblolly pine seed orchard was killed by southern pine beetles in the summer of 2000.

Forest communities that currently occupying this parcel include hardwood (50 percent), mixed forest (25 percent) and pine (8 percent). The remaining area is seed orchards and experimental plantings. Hardwood is dominated by upland species (white oak, black oak, hickory, red maple, and yellow poplar) of large sawtimber size and exceeds 80 years of age. Pine stands include planted shortleaf and loblolly and naturally reverted Virginia pine. These stands are mainly small sawtimber size and 50 to 65 years old. Small and large sawtimber pine and hardwood comprise the mixed forest stands. These are reverted old-fields that range in age from 50 to 65 years old.

The major portion of this parcel borders the Clinch Tailwater below Norris Dam and extends along both sides of Highway 441 as it provides a scenic approach to Norris Dam. This area is visited by tourists, school groups, recreationists and is visible to daily travelers along this highway corridor. Mountain biking, hiking, fishing, and hunting occur on this parcel.

This parcel was placed in Zone 4 because it serves as an anchor connecting the Norris Dam Reservation, city of Norris, and Norris Dam State Park. There have been requests from the city of Norris to develop trails on both sides of Highway 441. As a visual resource Parcel 3 is a significant part of the Norris Dam Reservation, and future changes due to development should be controlled to lesson visual impacts.

Parcel 4

Allocation:	Zone 6 - Developed Recreation
Acres:	13.24
Feet of Shoreline:	N/A
Stream Location:	Clinch River mile 78L
Hydrologic Unit:	7-010
County:	Anderson
Water Use Facilities:	Yes

This parcel is located on the left bank of the Clinch River, just upstream of Miller Island and below the re-regulating weir. This site has a paved parking lot large enough to accommodate approximately 30 vehicles and trailers and a concrete boat launching ramp. The site is used to launch boats and canoes when the turbines are generating at Norris Dam. When the turbines are off the site is used as an access site for wading and bank fishermen and canoeist. Parcel 4 will

continue to be managed for public recreation. Requests for additional public water use facilities will be considered. This parcel was placed in Zone 6 to reflect the current land use.

Parcel 5

Allocation: Zone 3 - Sensitive Resource Management

- Heritage (plants and animals)
- Clinch River Bluffs TVA Habitat Protection Area

Acres: 60.04

Feet of Shoreline: N/A

Stream Location: Clinch River mile 78.5L

Hydrologic Unit: 7-010

County: Anderson

Water Use Facilities: No

Large and small upland hardwood sawtimber occupy all but the southernmost portion of this parcel. Species composition varies with aspect and slope; yellow poplar, beech, white ash, and sugar maple dominate the northern slopes and coves while scarlet oak and hickory occupy the southern exposures and upper slopes. The dominant trees are large sawtimber size and exceed 100 years in age. About nine acres on the southern portion of this parcel is sawtimber-size pine-hardwood that is 60 years old, and is the result of natural reversion on an old-field.

Along the Norris Dam tailwater a series of small woodland streams and seeps discharge from this parcel. One Tennessee state-listed threatened plant was found. Two other Tennessee state-listed threatened plant species were found approximately 0.2 mile further to the north along Highway 441 on non-TVA land. Because of the presence of rare species, a portion of this parcel has been designated the **Clinch River Bluffs TVA Habitat Protection Area**. In addition, one Tennessee state-listed "In Need of Management" mammal has been confirmed on this parcel. This parcel was placed in Zone 3 to protect these sensitive resources.

Parcel 6

Allocation: Zone 2 - TVA Operations

- River Bluff TVA Small Wild Area
- Norris Dam Cave TVA Habitat Protection Area
- Norris Song Bird Trail State Wildlife Observation Area

Acres: 903.74

Feet of Shoreline: 1358.55

Stream Location: Clinch River mile 79R

Hydrologic Unit: 7-010 and 5-240

County: Anderson

Water Use Facilities: No

This parcel is the Norris Dam Reservation. Visitors travel to Norris Dam Reservation to view wildlife, picnic, enjoy open space, and see Norris Dam. Two separate TVA power lines bisect

this parcel. The Norris Dam Reservation includes a small wild area, a habitat protection area, and a state wildlife observation area.

Norris Dam Cave TVA Habitat Protection Area is located in Campbell County immediately downstream from Norris Dam on the west bank of the Clinch River. This TVA habitat protection area includes approximately six acres and provides habitat (April through October) for a colony of approximately 8,000 gray bats (*Myotis grisescens*).

Norris Song Bird Trail State Wildlife Observation Area is located below Norris Dam on the Clinch River and provides a variety of habitats (including riverine, old-fields, bottomland hardwoods, and grassy areas) for many songbirds and other wildlife. A special feature is the high concentration of eastern bluebirds breeding in the area. Osprey and Bald Eagles can occasionally be seen along the river.

River Bluff TVA Small Wild Area is also located on the Norris Dam Reservation. Composed of 125 acres of rich, mixed mesophytic forest on steep north-facing slope, this area harbors a rich assemblage of wildflowers, including several rare species. A 3.1-mile loop hiking trail provides access to a 40—year-old pine plantation, rich vegetation, and steep bluffs overlooking the Clinch River. Numerous species of wildlife utilize this forest, including deer, songbirds, and wild turkey.

This parcel is placed in Zone 2 because of its commitment to TVA project operations. However, the identified natural areas on Norris Dam Reservation will be managed for the protection of sensitive resources.

Parcel 7

Allocation:	Zone 4 - Natural Resource Conservation
	<ul style="list-style-type: none">• Clear Creek TVA Habitat Protection Area (Aug. 2001)
Acres:	456.49
Feet of Shoreline:	N/A
Stream Location:	N/A
Hydrologic Unit:	7-010
County:	Anderson
Water Use Facilities:	No

This parcel has been under lease to the city of Norris since 1970. It is a portion of the 2,307-acre Norris Municipal Watershed, which is managed for water quality protection, natural resource conservation, and public recreation. A five-member board of volunteers from the city of Norris oversee the management and operation of the watershed. Historically, TVA has provided natural resources management in exchange for the use of the watershed for research and tours. This parcel is dominated by upland and mixed hardwood (93 percent) of various age and size. Typical species composition consists of black oak, white oak, hickory, yellow poplar, and red maple. Timber harvesting has been conducted on much of this parcel, including selective and clear-cut harvests. Selectively harvested stands are generally composed of two age classes: older components generally exceed 100 years old with a younger component of 30 years old. A

31-acre stand of large sawtimber pine-hardwood occupies the southeast portion of this parcel. This stand is dominated by yellow poplar, hickory, and shortleaf pine.

This parcel was placed in Zone 4 so that it can continue to be used as a demonstration for multiuse management. Over 20 miles of trails and roads are being maintained by the Norris watershed board. Typical recreation activities include mountain biking, hiking, horseback riding, and hunting.

The entirety of this parcel is leased to the city of Norris and is included in the Norris City Watershed. As such, this parcel is assigned the Zone 4, Natural Resource Conservation designation. A portion of this parcel has been identified as suitable for designation within the TVA Natural Areas Program as the **Clear Creek TVA Habitat Protection Area**. A vigorous population (200-300 individuals) of Kentucky rosinweed (*Silphium lasiocarpum*) is located on the north side of Clear Creek Road in the southern portion of this parcel. This population is one of eight known in the state of Tennessee all of which are located on TVA land. This member of the Aster family is listed as endangered in Tennessee, and is the subject of upcoming, federally funded, surveys. The Tennessee Department of Environment and Conservation will conduct surveys in 2002 in order to determine if this species is suitable for federal protection. TVA Regional Natural Heritage Project specialists will coordinate with the city of Norris on appropriate road maintenance practices.

Parcel 8

Allocation:	Zone 6 - Developed Recreation
Acres:	83.46
Feet of Shoreline:	77,979.08
Stream Location:	Cove Creek River mile 2R and Clinch River mile 82R
Hydrologic Unit:	5-220 and 5-240
County:	Anderson and Campbell
Water Use Facilities:	Yes

This is a long strip of land from the 1034-foot contour elevation to the waters of Norris Reservoir. It is licensed to the state of Tennessee for the Norris Dam State Park through Contract No. TV-20922A, giving the state the right to regulate shoreline use for recreation purposes. This strip of land fronts the 2,372 acres transferred above the 1034-foot contour elevation to the state of Tennessee for the Norris Dam State Park through Contract No. TV-15458A.

Two separate TVA power lines bisect this parcel. Requests for public water use facilities will be considered.

Parcel 9

Allocation:	Zone 3 - Sensitive Resource Management <ul style="list-style-type: none">• Cultural• Wetlands• Visual
Acres:	5.65
Feet of Shoreline:	2,715.25
Stream Location:	Cove Creek Miles 51 and 21
Hydrologic Unit:	5-240
County:	Campbell
Water Use Facilities:	No

This parcel is comprised of two segments that are islands at summer reservoir levels. These areas were in agricultural use at the time of purchase and have reverted to pine-hardwood mixed forest. Recent beetle infestation has reduced the pine composition significantly.

This parcel was placed in the Zone 3 because cultural resources have been identified, forested and scrub-shrub wetlands exist on the southern half of the island at Cove Creek mile 2, and it rated high for visual protection. It is an important riparian habitat for wetland mammals, wading birds, migrant waterfowl, raptors, nesting wood ducks, and songbirds. These two wooded islands are focal points to the reservoir user and reflect some of the natural scenic qualities of Norris Reservoir. They should remain in their current state and receive visual protection.

Informal camping opportunities exist on many of the Norris Reservoir islands. Informal use of this nature would continued to be allowed, to the extent that it does not negatively impact the sensitive resources present on these islands..

Parcel 10

Allocation:	Zone 3 - Sensitive Resource Management <ul style="list-style-type: none">• Cultural• Heritage (plants)• Oak Grove River Bluffs TVA Habitat Protection Area
Acres:	73.81
Feet of Shoreline:	3,636.59
Stream Location:	Cove Creek mile 2R, Clinch River mile 82R
Hydrologic Unit:	5-240
County:	Campbell
Water Use Facilities:	No

Hardwood dominates all but a small area along the southwest portion of this parcel, which is occupied by old-field Virginia pine. The western one-third is composed of pole-size upland hardwood, which is the result of a clear-cut harvest in 1986 to remove mature Virginia pine. The southern two-thirds of this parcel are comprised of small sawtimber upland and cove hardwood,

which resulted from old-field reversion, and large sawtimber upland hardwood that exceeds 100 years of age. Hardwood species present include white oak, black oak, hickory, yellow poplar, and red maple.

This parcel was placed in Zone 3 because cultural resources have been identified. Also, one Tennessee state-listed special concern plant and two endangered plant species were observed on this parcel. No sensitive (state and/or federally listed) terrestrial animal species were collected on this parcel, though suitable habitat for some species is present. Because of the presence of rare species and unique geological features, a portion of this parcel has been designated the **Oak Grove River Bluffs TVA Habitat Protection Area**. A TVA power line bisects this parcel, and a navigation day marker is present.

Parcel 11

Allocation: Zone 6 - -Developed Recreation
Acres: 2.19
Feet of Shoreline: 439.60
Stream Location: Cove Creek mile 5.0L
Hydrologic Unit: 5-240
County: Campbell
Water Use Facilities: Yes

This parcel has been developed by TVA for public boat access purposes. Improvements include a paved 25-vehicle parking lot and a concrete launching ramp that is useable year-round. This parcel was placed in Zone 6 to reflect the current land use. It will continue to be managed for boating access. Requests for public water use facilities will be considered.

Parcel 12

Allocation: Zone 4 - Natural Resource Conservation
Acres: 99.71
Feet of Shoreline: 5,197.47
Stream Location: Cove Creek mile 6.0R
Hydrologic Unit: 5-240
County: Campbell
Water Use Facilities: No

This wooded parcel forms of a visual buffer between Mountain Lake Marina and Campground and Norris Dam State Park. The only noticeable nearby development is a TVA launching ramp.

A variety of forest conditions occur on this parcel, including hardwood (52 percent), pine (35 percent), and mixed forest (12 percent). Much of the area was in agricultural use at the time of TVA purchase and has reverted to forest cover, primarily Virginia pine. Harvests of mature pine were conducted in 1986 at several locations which have since regenerated to hardwood. The

remaining pine is mature and has significant mortality. Large sawtimber upland hardwood, which exceeds 90 years old, occupies the northeastern and northwestern portions. These areas, which were partially harvested in the mid-1970s, are dominated by white oak, black oak, red maple, and beech. The northernmost portion of this parcel is a 65-year-old reverted field that is dominated by small sawtimber yellow poplar, white ash, and Virginia pine. TVA retained a right-of-way across the southern end of Tract No. XNR-622 to access this parcel, and another road forms the northwestern boundary.

Parcel 13

Allocation:	Zone 3 - Sensitive Resource Management <ul style="list-style-type: none">• Cultural• Heritage (plants)• No Rope Cave TVA Habitat Protection Area• Visual
Acres:	120.39
Feet of Shoreline:	7,110.86
Stream Location:	Cove Creek mile 7R
Hydrologic Unit:	5-240
County:	Campbell
Water Use Facilities:	No

This hardwood and pine covered parcel serves as a buffer to the north side of Mountain Lake Marina and Campground. It lies along the western shore of Cove Creek in a portion of the reservoir where Cumberland Mountain is visible in the background, highlighting the reservoir's scenic quality. Parcel 17 is the primary view to a number of residents on the opposite shore.

Much of this parcel was in pasture at the time of TVA purchase and has reverted to hardwood and mixed stands (hardwood, pine, and cedar). About two-thirds of the area is occupied by large sawtimber upland and cove hardwood, which is dominated by yellow poplar, white oak, hickory, sugar maple, and northern red oak. Although most of this hardwood was selectively harvested in the mid-1970s, current stocking levels are adequate. Mixed stands are composed primarily of yellow poplar, shortleaf and Virginia pine, hickory, and white ash. TVA retained no access to this parcel.

This parcel was placed in Zone 3 because cultural resources have been identified; one Tennessee state-listed special concern plant species and two Tennessee state-listed threatened plant species were observed during field surveys; and to protect sensitive visual resources. The unique topographic features found on this parcel can provide habitat for numerous sensitive plant species. No sensitive (state and/or federally listed) terrestrial animal species were collected on this parcel, though suitable habitat for some species is considered present. Two Tennessee state-listed In Need of Management mammal species have been confirmed on this parcel. A sinkhole cave was identified on this parcel. Because of rare species and unique geological features, a portion of this parcel has been designated the **No Rope Cave TVA Habitat Protection Area**.

Reservoir fringe forested wetlands and aquatic beds exist in the Tidwell Hollow cove at Cove Creek mile 6.

Even though road access is limited, this parcel receives some informal camping. Informal use of this nature would continued to be allowed, to the extent that it does not negatively impact the sensitive resources that Zone 3 is designed to protect. Mountain Lake Marina and Campground currently has a license agreement (Contract No. TV-88725A) for 800 feet of mooring rights fronting this parcel. Additional mooring would be considered, but mooring rights will only be permitted if a proposed activity does not negatively impact the resources Zone 3 is designed to protect. A TVA power line bisects this parcel.

Parcel 14

Allocation: Zone 7 - Residential Access
Acres: 2.70
Feet of Shoreline: 2,159.85
Stream Location: Cove Creek mile 8.1R
Hydrologic Unit: 5-240
County: Campbell
Water Use Facilities: Yes

This parcel is located along the western shore of the Cove Creek embayment. Current data show no reservoir fringe wetlands, adjacent subdivisions, and permitted structures along this parcel. The TVA property line runs along the 1044-foot contour elevation.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Under the shoreline categorization system, the shoreline of this parcel has been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 15

Allocation: Zone 4 - Natural Resource Conservation
Acres: 97.90
Feet of Shoreline: 5,846.88
Stream Location: Cove Creek mile 8.3R
Hydrologic Unit: 5-240
County: Campbell
Water Use Facilities: No

This parcel is located next to Cove Norris Subdivision. It has limited road access and fairly steep terrain. Sawtimber-size hardwoods (upland, cove, and northern types) dominate this parcel, occupying over 90 percent of the area. Species composition varies generally with slope position and includes chestnut oak, scarlet oak, and hickory on the upper slopes; white oak, red maple, and northern red oak on the mid—slopes; and sugar maple and yellow poplar on the lower slopes. Most of this parcel was selectively harvested in the mid—1970s, creating a various-aged forest from 30 to 100 years old. Over one-third of the area was in pasture or other agricultural use at the time of TVA purchase. TVA retained a right of ingress and egress across Tract No. XNR-42 and has a road right-of-way on the western boundary of Tract No. XNR-626 to access this parcel.

Two separate TVA power lines bisect this parcel.

Parcel 16

Allocation:	Zone 7 - Residential Access
Acres:	33.54
Feet of Shoreline:	20,602.83
Stream Location:	Cove Creek mile 10R
Hydrologic Unit:	5-240
County:	Campbell
Water Use Facilities	Yes

This parcel is located along the western shore of Cove Creek embayment and adjacent to Cove Norris Subdivision (Phases 2 and 3). Current data show 67 permitted structures associated with this parcel. The TVA property line runs along the 1044-foot contour elevation. There are three areas of reservoir fringe wetlands located along the shoreline.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional private water use facilities will be considered. Under the shoreline categorization system, the shoreline of this parcel has been placed in two categories. Segments categorized as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining segments of shoreline in this parcel have been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category also includes shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 17

Allocation:	Zone 3 - Sensitive Resource Management
	<ul style="list-style-type: none"> • Heritage (aquatic) • Wetlands • Visual
Acres:	14.22
Feet of Shoreline:	3,110.45
Stream Location:	Cove Creek mile 12 (Island)
Hydrologic Unit:	5-240
County:	Campbell
Water Use Facilities:	No

Upland hardwood dominates this island parcel. Islands are an important riparian habitat for wetland mammals, wading birds, migrant waterfowl, raptors, nesting wood ducks, and songbirds. The island pinnacle exhibits rock outcroppings and provides a partial screening to Twin Cove Marina. It was placed in Zone 3 because aquatic beds and forested wetlands exist on the southwestern portion of this island at Little Cove Creek mile 0 and provide protection for its unique visual resources.

On a portion of this island, Twin Cove Marina has a license agreement (Contract No. RLR-99059) for 740 feet of mooring rights at the 1020-foot contour elevation. This license also allows Twin Cove Marina to request harbor space in front of this strip. Those mooring rights can continue to occur adjacent to this parcel to the extent that this activity does not negatively impact those resources that Zone 3 is designed to protect. A TVA power line bisects this parcel.

Parcel 18

Allocation:	Zone 6 - Developed Recreation
Acres:	6.02
Feet of Shoreline:	5,515.32
Stream Location:	Cove Creek mile 12R
Hydrologic Unit:	5-240
County:	Campbell
Water Use Facilities:	Yes

This parcel is 1 of 27 tracts transferred to the Tennessee Wildlife Resources Agency in 1958 (Contract No. TV-18703A) for recreation development. The contract transfers land in fee above the 1052-foot contour elevation and provides a recreation easement from the 1052-foot contour elevation to the waters of Norris Reservoir. Certain recreation facilities were approved at the 1020-foot contour elevation, and other recreation facilities and infrastructure were approved above the 1034-foot contour elevation. This parcel is currently undeveloped. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval.

A TVA power line bisects this parcel. This parcel was placed in Zone 6 to support the backlying land use. Requests for public water use facilities will be considered.

Parcel 19

Allocation: Zone 4 - Natural Resource Conservation
Acres: 160.81
Feet of Shoreline: 9,468.32
Stream Location: Cove Creek mile 12R
Hydrologic Unit: 5-240
County: Campbell
Water Use Facilities: No

Most of this parcel is occupied by hardwoods that include upland, cove, and northern types. Dominant upland species are white oak, hickory, red maple, chestnut oak, and black oak; cove and northern species include white ash, sugar maple, yellow poplar, buckeye, basswood, and cucumber magnolia. Selective logging in the mid—1970s created a various-age forest that ranges from 30 to 100 years in age. An old-field stand of mixed shortleaf and Virginia pine occupies a 24-acre area on the southeastern portion of this parcel. Also included is a riparian strip along the western portion of this parcel that is comprised of upland and bottomland hardwood with a Virginia pine component. The upland portion of this parcel becomes steep.

The northwestern portion of this parcel is accessed by a former county road and receives heavy use by campers, fishermen, hunters, and all-terrain riders. TVA retained road rights-of-way across Tracts Nos. XNR-45, -46, and -47 to access the eastern half, which fronts Shady Cove Subdivision. Residents of Shady Cove Subdivision use the TVA property for picnicking, fishing, and other activities. Shoreline condition is heavily impacted due to usage of informal recreation. For example, there appears to be considerable four-wheel/all-terrain vehicle use. Informal use of this nature is allowed to occur within Zone 4.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation.

Parcel 20

Allocation: Zone 7 - Residential Access
Acres: 16.25
Feet of Shoreline: 10,133.54
Stream Location: Cove Creek mile 12R
Hydrologic Unit: 5-240
County: Campbell
Water Use Facilities: Yes

This parcel is a long shoreline strip located along the western side of the upper Cove Creek embayment. Reservoir fringe wetlands are present in a cove near the western end of this parcel

and near the northeastern end where it abuts Parcel 27. Parcel 26 fronts Twin Cove and The Point I Subdivisions, and current data show 20 permitted structures associated with this parcel. The TVA boundary line runs along the 1044-foot contour elevation.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional water use facilities will be considered. Under the shoreline categorization system, the shoreline of this parcel has been placed in two categories. Segments categorized as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining segments of shoreline in this parcel have been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 21

Allocation: Zone 6 - Developed Recreation
Acres: 3.11
Feet of Shoreline: 1,551.36
Stream Location: Cove Creek mile 12R
Hydrologic Unit: 5-240
County: Campbell
Water Use Facilities: Yes

This parcel is licensed to Twin Cove Marina (Contract No. RLR-99095) for mooring below the 1044-foot contour elevation for the purposes of commercial recreation. This parcel was placed in Zone 6 to reflect the current land use. Requests for commercial or public water use facilities will be considered.

Parcel 22

Allocation: Zone 4 - Natural Resource Conservation
Acres: 2.15
Feet of Shoreline: 1,215.32
Stream Location: Cove Creek mile 14.5R
Hydrologic Unit: 5-240
County: Campbell
Water Use Facilities: No

This parcel is typical of most marginal strip land that separates privately owned residential property from Norris Reservoir. The private property owners in this case do not have access

rights to the water; therefore, this parcel was not placed in Zone 7. Typically these narrow strip lands consist of a mixture of riparian or wetland plant species near the waters edge and mixed hardwoods or pines in the upland areas. This parcel was placed in Zone 4 to conserve the shoreline vegetation zone. Requests for private water use facilities will not be considered.

Parcel 23

Allocation: Zone 7 - Residential Access
Acres: 1.26
Feet of Shoreline: 834.86
Stream Location: Cove Creek mile 14.6R
Hydrologic Unit: 5-240
County: Campbell
Water Use Facilities: Yes

This parcel is a small shoreline strip located along the upper reaches of the Cove Creek embayment. Current data show one permitted structure near the western end of this parcel. Habitat on this parcel is suitable for the occurrence of several sensitive species.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional water use facilities will be considered. This parcel has been classified under the shoreline categorization system as Residential Mitigation. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 24

Allocation: Zone 4 - Natural Resource Conservation
Acres: 51.76
Feet of Shoreline: 2,153.17
Stream Location: Cove Creek mile 14.8R
Hydrologic Unit: 5-240
County: Campbell
Water Use Facilities: No

Upland hardwood is the major component on this forested parcel. The southernmost 17 acres adjacent to the county road was harvested in the early 1980s. Formerly an old-field Virginia pine stand, the area has regenerated to pole-size upland hardwood. Large-sawtimber hardwood dominates the remainder of this parcel with upland and northern types. Northern hardwood occupies the northeast-facing slope along the reservoir, with northern red oak, sugar maple, and white oak being the dominant species, while the south central area is primarily white oak, black

oak, and hickory. A 10-acre stand of pine-hardwood is situated on the north central portion of this parcel; however, heavy pine mortality will eventually convert this to an upland hardwood stand. The older components of this parcel range from 50 to 90 years old. Access is from the county road which bisects this parcel.

This parcel receives informal recreational use in back of the cove. It was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation

Parcel 25

Allocation: Zone 6 - Developed Recreation
Acres: 136.48
Feet of Shoreline: 51,59.77
Stream Location: Cove Creek mile 16RL
Hydrologic Unit: 5-240
County: Campbell
Water Use Facilities: Yes

This parcel fronts a portion of Cove Lake State Park which was transferred (Contract No. TV-10069A) to the state of Tennessee. This parcel consists of a strip of land between the 1034- and the 1022-foot contour elevations fronting the transferred property (Contract No. TV-20923A) and 11 separate parcels that were transferred by a permanent recreation easement to the state of Tennessee in 1972. Contract No. TV-36250A grants a permanent easement for the sole purpose of public recreation and retains access rights for TVA. Most of the 11 parcels do not touch the waters of the Cove Lake subimpoundment. This parcel was placed in Zone 6 to support the backlying land use. Requests for public water use facilities will be considered.

Parcel 26

Allocation: Zone 6 - Developed Recreation
Acres: 4.51
Feet of Shoreline: N/A
Stream Location: N/A
Hydrologic Unit: 5-240
County: Campbell
Water Use Facilities: N/A

This parcel consists of several disjunct inland sections west of Interstate 75. These areas have been reconveyed to TVA, but most contain ball fields or have community buildings located on them.

Parcel 27

Allocation: Zone 4 - Natural Resource Conservation
Acres: 17.25
Feet of Shoreline: N/A
Stream Location: N/A
5-240:
County: Campbell
Water Use Facilities: No

This parcel consists of three small inland sections located adjacent to roads in the city of Caryville near Cove Lake State Park. Drainage on the largest segment is being impacted by the road and culvert, which has been dammed by beavers in the past. This situation has created a wet site and development of bottomland hardwood, primarily black willow, box elder, and green ash. A fringe of upland hardwood occupies the drier outer portion. The two smaller segments, which are adjacent to residential and commercial properties, are comprised of various-size upland hardwood and hardwood-pine communities.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. Although this parcel appears to have limited natural resource and public value, it was rated medium to high for natural resource management, since this area can be important riparian habitats for wetland mammals, wading birds, migrant waterfowl, raptors, nesting wood ducks, and songbirds.

Parcel 28

Allocation: Zone 2 - TVA Operations
Acres: 3.83
Feet of Shoreline: N/A
Stream Location: N/A
Hydrologic Unit: 5-240
County: Campbell
Water Use Facilities: No

This parcel was originally part of the land conveyed to the state of Tennessee for Cove Lake State Park. With the construction of Interstate 75, this parcel was cutoff from the rest of Cove Lake State Park. It has been reconveyed to TVA. It is currently surrounded by commercial buildings and residential homes in Caryville, Tennessee, and the area is sometimes used as overflow, or supplemental, parking for the surrounding businesses. TVA is currently not planning any specific use for this parcel.

Parcel 29

Allocation: Zone 7 - Residential Access
Acres: 9.75
Feet of Shoreline: 3,473.93
Stream Location: Cove Creek mile 16L
Hydrologic Unit: 5-240
County: Campbell
Water Use Facilities: Yes

This parcel is located on the eastern shore of the upper reaches of the Cove Creek embayment, just downstream of Cove Lake State Park Dam, fronting Paradise Cove Subdivision. There are reservoir fringe wetlands at both ends of this parcel, but the most significant area is on the northern end. Current data show one permitted structure associated with this parcel. The TVA property line varies from 200 feet above normal summer pool (1020-foot contour elevation) and the 1034-foot contour elevation. The southern end of this parcel is gently sloping to the waters edge and had been previously cleared of most trees and underbrush. This area has been replanted with various native hardwood species in the spring of 2000. The northern half is steeper and covered mostly in Virginia pine and a mixed deciduous understory. Habitat on this parcel is suitable for the occurrence of several sensitive species.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for water use facilities will be considered. This parcel has been classified under the shoreline categorization system as Residential Mitigation. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 30

Allocation: Zone 7 - Residential Access
Acres: 4.81
Feet of Shoreline: 3,476.08
Stream Location: Cove Creek mile 14L
Hydrologic Unit: 5-240
County: Campbell
Water Use Facilities: Yes

This parcel lies along the eastern shore in the narrow upper reaches of the Cove Creek embayment fronting Stone Mill Subdivision. Current data show one permitted structure on this parcel. The TVA boundary line lies along the 1044-foot contour elevation.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional water use facilities will be considered. This parcel has been classified under the shoreline categorization system as Residential Mitigation. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 31

Allocation: Zone 6 - Developed Recreation
Acres: 5.29
Feet of Shoreline: 2,978.55
Stream Location: Cove Creek mile 13.5L
Hydrologic Unit: 5-240
County: Campbell
Water Use Facilities Yes

This is one of 32 parcels transferred to the Tennessee Wildlife Resources Agency in 1953. Contract No. TV-14213A transfers in fee the land above the 1052-foot contour elevation and includes an appurtenance that provides a recreation easement from the 1052-foot contour elevation to the waters of Norris Reservoir. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval. This parcel is undeveloped. This parcel was placed in Zone 6 to support the backlying land use. Requests for public water use facilities will be considered.

Parcel 32

Allocation: Zone 7 - Residential Access
Acres: 3.51
Feet of Shoreline: 1,879.11
Stream Location: Cove Creek mile 13.5L
Hydrologic Unit: 5-240
County: Campbell
Water Use Facilities Yes

This parcel is located on the eastern shore in the upper reaches of the Cove Creek embayment, approximately 1.5 miles above Twin Cove Marina. Reservoir fringe wetlands exist at the northern end of this parcel. The southern end of this parcel is adjacent to Timberlake Subdivision. Current data show one permitted structure associated with this parcel. The TVA boundary line is located at the 1044-foot contour elevation.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional water use facilities will be considered. This parcel has been classified under the shoreline categorization system as Residential Mitigation. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 33

Allocation:	Zone 3 - Sensitive Resource Management
	• Heritage (plants)
Acres:	13,686.14
Feet of Shoreline:	11,631.59
Stream Location:	Cove Creek mile 11.5L
Hydrologic Unit:	5-240
County:	Campbell
Water Use Facilities	No

Steep topography and rocky terrain characterize this parcel, which is bisected by Saltpeter Ridge. Less than half of this parcel has forest management potential—the northwestern portion (19 acres), north central area (17 acres), and a small pocket (10 acres) on the southern end. These stands are occupied by upland hardwood. The larger areas were partially harvested in the mid—1970s and are now various-age stands of black oak, red maple, yellow poplar, and hickory. Large sawtimber white oak, black oak, and hickory occupy the smaller area. Mixed forest ecological communities, with upland hardwood, pine, and redcedar components, dominate the remainder of this parcel, which has poor soils and areas of exposed limestone. TVA retained a right of ingress and egress across Tract No. XNR-58 to access this parcel. A road also enters the eastern end from Lakewood Subdivision and could possibly be used as an access point.

One occurrence of a Tennessee state-listed endangered plant species was observed in the Virginia pine stand. One occurrence of a Tennessee state-listed threatened plant species was found in the rocky bluff area. In addition, Tennessee state-listed endangered species may be present, but can only be confirmed when flowering (no flowering was observed in 1999). Fringe scrub-shrub wetlands exists at Cove Creek mile 11. Cultural resources were also found on this parcel. This parcel was placed in Zone 3 to protect the identified sensitive resources.

This parcel is bisected by a transmission line, and supports a good anchoring cove for boaters. A day marker, important for navigational reference, is present. This day marker does not interfere with protecting the sensitive resources identified in this Zone 3 parcel.

Parcel 34

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	385.46
Feet of Shoreline:	24,456.89
Stream Location:	Cove Creek mile 9L
Hydrologic Unit:	5-240
County:	Campbell
Water Use Facilities	No

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. It is best described in two sections:

Section 1 (22,994.05 feet of shoreline): This section is dominated by large sawtimber upland hardwood and two smaller areas that are reverted old-fields. The old-field stands are situated on the areas of less severe topography—a 12-acre stand of Virginia pine on the southeast point and a 20-acre pine-hardwood stand on the northwest ridge top. These stands were in agricultural use at the time of TVA purchase and are now small sawtimber size. The majority of this section is occupied by large sawtimber upland hardwood. This component was partially harvested in the mid—1970s and is now a mixed age stand (30 and 90 years old). Species composition varies with aspect and slope position. Poorer sites are dominated by scarlet oak, chestnut oak, and hickory, and better sites are occupied by yellow poplar, sugar maple, and white oak.

Although scattered logging roads are present, road access to this parcel is only available across private land where TVA has no legal access rights. Road access development is possible from the northern drainage and possibly from the southwest end (Parcel 37).

Section 2 (2,936.18 feet of shoreline): This is a somewhat linear section of land covering more than four miles of the left bank and both sides of Stokes Hollow. It contains sawtimber-size hardwood (upland and northern types) which occupies over 70 percent of this section in 10 stands. These stands were selectively harvested in the mid—1970s and are now various ages (30 to 100 years old). Species composition varies with slope position and aspect; south- and west-facing slopes are generally poorer and occupied by scarlet oak, chestnut oak, red maple, and hickory while north- and east-facing slopes and coves are dominated by yellow poplar, sugar maple, white oak, and northern red oak. An old-field stand of small sawtimber pine-hardwood occupies 36 acres on the southern portion and is primarily yellow poplar and shortleaf pine. This area was in agricultural use at the time of TVA purchase. The remainder of this parcel is composed of mixed stands on steep, rocky sites of low productivity and forest management potential. Mixed stands include cedar-hardwood and pine-cedar-hardwood which are composed of hickory, chinkapin oak, scarlet oak, redcedar, Virginia pine, and shortleaf pine.

The majority of this section is steep but most points provide informal camping opportunities—road access is limited. The westernmost portions of this steep parcel exhibit cedar covered rock outcroppings and serves as a buffer to Twin Cove Marina and the primary view to a number of residents adjacent to the marina. TVA retained a right of ingress and egress across Tract No. XNR-59 to access the northern portion of this parcel, and a road enters the property on the

southern end at Matte Randolph Hollow. The southern end receives moderate use by campers, fishermen, and all-terrain vehicle users.

A TVA power line bisects this parcel.

Parcel 35

Allocation:	Zone 6 - Developed Recreation
	• Island Ford Road TVA Habitat Protection Area (August 2001)
Acres:	3.69
Feet of Shoreline:	1,818.13
Stream Location:	Cove Creek mile 9.9L
Hydrologic Unit:	5-240
County:	Campbell
Water Use Facilities	Yes

This parcel is one of 27 tracts transferred (Contract No. TV-18703A) to the Tennessee Wildlife Resources Agency in 1958. The contract transfers land in fee above the 1052-foot contour elevation and includes an appurtenance that provides a recreation easement from the 1052-foot contour elevation to the waters of Norris Reservoir. Certain recreation facilities were approved at the 1020-foot contour elevation, and other recreation facilities and infrastructure were approved above the 1034-foot contour elevation. This parcel has an undeveloped roadbed that is used to access the area for bank fishing.

This parcel is under easement to the Tennessee Wildlife Resources Agency. An unimproved road (Old Island Ford Road) and an associated right-of-way lead to the waters of Norris Reservoir. Within this right-of-way presently exists the largest population of Kentucky rosinweed (*S. wasiotense*) known in the state of Tennessee. A portion of this parcel has been identified as suitable for designation within the TVA Natural Areas Program as the **Island Ford Road TVA Habitat Protection Area**. More than 300 individuals are located along the south-facing slope of an oak forest with numerous limestone outcrops. This population is one of eight known from Tennessee all of which are located on TVA land. This member of the Aster family is listed as endangered in Tennessee and is the subject of upcoming, federally funded, surveys. The Tennessee Department of Environment and Conservation will conduct surveys in 2002 in order to determine if this species is suitable for federal protection.

Presently assigned the Zone 6, Developed Recreation designation, TVA Regional Natural Heritage Project specialist recommend reassigning this parcel to a Zone 3, Sensitive Resource Conservation designation. The existing road located on this parcel is the future site for a water intake line to be constructed by the Caryville/Jacksboro Utility District. TVA Regional Natural Heritage Project specialists and the Clinch-Powell Watershed Team will coordinate with the utility district on this action to ensure protection of this population.

Parcel 36

Allocation:	Zone 3 - Sensitive Resource Management <ul style="list-style-type: none">• Heritage (plants)• Cove Creek Bluffs TVA Habitat Protection Area
Acres:	18.96
Feet of Shoreline:	1,159.28
Stream Location:	Cove Creek mile 8.6L
Hydrologic Unit:	5-240
County:	Campbell
Water Use Facilities	No

The western half of this parcel is situated on a moderately steep slope with rocky terrain. Sawtimber-size upland hardwood dominates the site with white oak and sugar maple are the most abundant species. Mixed pine and upland hardwood occupies the eastern half, which was in agricultural use at the time of TVA purchase. Small sawtimber-size shortleaf and Virginia pine and yellow poplar are the dominant species; however, significant mortality in the pine component is pushing the stand closer to a hardwood type.

In Mattie Randolph Hollow there is an occurrence of the Tennessee Special Concern plant northern white cedar (*Thuja occidentalis*). Other regionally uncommon species observed in this parcel include buffalo nut (*Pyrularia pubera*) and hop-tree (*Ptelea trifoliata*). This parcel was placed in Zone 3 to protect these sensitive resources. Because of the presence of a rare plant species, a portion of this parcel has been designated the **Cove Creek Bluffs TVA Habitat Protection Area**. The stream in Mattie Randolph Hollow has been impacted by the incursion of exotic species on the lower end. Requests for water use facilities will not be considered.

Parcel 37

Allocation:	Zone 6 - Developed Recreation
Acres:	5.22
Feet of Shoreline:	872.66
Stream Location:	Cove Creek mile 7.9L
Hydrologic Unit:	5-240
County:	Campbell
Water Use Facilities	Yes

This parcel was recently licensed to the Tennessee Wildlife Resources Agency for recreational access. The Tennessee Wildlife Resources Agency has developed a gravel parking lot and concrete launching ramp. The lot has a capacity of 15 to 20 vehicles and boat trailers. Requests for public water use facilities will be considered.

Parcel 38

Allocation: Zone 7 - Residential Access
Acres: 23.42
Feet of Shoreline: 12,575.12
Stream Location: Cove Creek mile 7L
Hydrologic Unit: 5-240
County: Campbell
Water Use Facilities Yes

This parcel is located along the northeastern shore of the Cove Creek embayment. Reservoir fringe wetland areas are located in the northern most cove and near the southern end of this parcel. Hiawassee II Subdivision is adjacent to this parcel, and current data show 45 permitted structures associated with this parcel. The TVA boundary line follows the 1044-foot contour elevation.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional water use facilities will be considered. Under the shoreline categorization system, the shoreline of this parcel has been placed in two categories. Segments categorized as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining shoreline in this parcel has been categorized as Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 39

Allocation: Zone 6 - Developed Recreation
Acres: 1.92
Feet of Shoreline: 1,057.02
Stream Location: Big Creek mile 0.7R
Hydrologic Unit: 5-240
County: Campbell
Water Use Facilities Yes

The section of this parcel that lies at the back of Brown Hollow has a Tennessee Wildlife Resources Agency boat launching ramp. This small section of this parcel is an important area of riparian habitat for wetland mammals, wading birds, migrant waterfowl, raptors, nesting wood ducks, and songbirds.

Parcel 40

Allocation: Zone 4 - Natural Resource Conservation
Acres: 119.87
Feet of Shoreline: 111,923.29
Stream Location: Clinch River mile 82R
Hydrologic Unit: 5-220, 5-230, and 5-240
County: Campbell
Water Use Facilities No

This parcel is a long riparian strip, below the 1044-foot contour elevation, fronting Cove Creek Wildlife Management Area, under license to the Tennessee Wildlife Resources Agency. The strip is occupied by a variety of forest communities that include pure and mixed stands of hardwood, pine, and redcedar. Forest management activities conducted by the Tennessee Wildlife Resources Agency leave this strip undisturbed to maintain a shoreline buffer.

A day marker, important for navigational reference, is located on this parcel. These navigation markers do not interfere with Zone 4 activities.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation.

A TVA power line bisects this parcel. Requests for water use facilities will not be considered.

Parcel 41

Allocation: Zone 3 - Sensitive Resource Management
• Visual
Acres: 97.90
Feet of Shoreline: 7,355.91
Stream Location: Big Creek mile 4.5R
Hydrologic Unit: 5-230
County: Campbell
Water Use Facilities No

This steep hardwood covered parcel is located along the western shore of the Big Creek embayment, fronting the Cove Creek Wildlife Management Area.. Because of the steep slopes, limited silvicultural activity has occurred and as a result most of the forest is mature and exceeding 100 years of age. Large sawtimber hardwood dominates with both upland and northern types. Generally, composition on the north- and east-facing slopes includes sugar maple, white ash, and yellow poplar, with hickory, scarlet oak, black oak, and white oak the predominant species on other aspects. TVA retained a right of ingress and egress across Tract No. XNR-65 to access this parcel.

This parcel was placed in Zone 3 to protect its outstanding visual amenities. Situated in a portion of the reservoir heavily developed with homesites and associated water use facilities, this portion of shoreline is the natural primary view to many residents and provides an important visual break in development as seen by the reservoir user. A small portion of this parcel receives some

informal camping, provides open space, and undeveloped shoreline. Informal use of this nature would continued to be allowed, to the extent that it does not negatively impact the visual integrity that Zone 3 is designed to protect. Requests for water use facilities will not be considered.

Parcel 42

Allocation: Zone 7 - Residential Access
Acres: 21.09
Feet of Shoreline: 10,051.59
Stream Location: Big Creek mile 5R
Hydrologic Unit: 5-230
County: Campbell
Water Use Facilities Yes

This parcel is located along the southwestern shore of the Big Creek embayment, fronting Hiawassee I Subdivision. Current data show there are 43 permitted structures associated with this parcel. The TVA property line runs along the 1044-foot contour elevation.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for water use facilities will be considered. Under the shoreline categorization system, the shoreline of this parcel has been placed in two categories. Segments categorized as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining segments of shoreline in this parcel have been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 43

Allocation: Zone 6 - Developed Recreation
Acres: 2.88
Feet of Shoreline: 711.74
Stream Location: Big Creek mile 5.1R
Hydrologic Unit: 5-230
County: Campbell
Water Use Facilities Yes

This is one of 32 parcels transferred to the Tennessee Wildlife Resources Agency in 1953. It has a gravel road leading to the shoreline. Contract No. TV-14213A transfers in fee the land above the 1052-foot contour elevation and includes an appurtenance that provides a recreation easement from the 1052-foot contour elevation to the waters of Norris Reservoir. TVA retained certain

rights across the easement, and all recreation facilities are subject to TVA approval. This parcel is undeveloped. It was placed in Zone 6 to support the backlying land use. Requests for public water use facilities will be considered.

Parcel 44

Allocation: Zone 4 - Natural Resource Conservation
Acres: 3.25
Feet of Shoreline: N/A
Stream Location: Big Creek mile 5R
Hydrologic Unit: 5-230
County: Campbell
Water Use Facilities No

This parcel consists of two small sections at the back of Wolf Hollow Cove. Bisected by a county road, the southern segment of this parcel is occupied primarily by upland hardwood. The northern segment is adjacent to a subdivision road and is also in hardwood forest cover.

White cedar was found on this parcel. This species is uncommon to this area and constitutes the southern range for the white cedar. This parcel provides open space and bank fishing access to Norris Reservoir. Timber harvesting is occurring within this area. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation and to support continued informal recreation. Requests for water use facilities will not be considered.

Parcel 45

Allocation: Zone 7 - Residential Access
Acres: 15.15
Feet of Shoreline: 8,484.86
Stream Location: Big Creek mile 5.5R
Hydrologic Unit: 5-230
County: Campbell
Water Use Facilities Yes

This parcel is located along the southwestern shore of the Big Creek embayment. Reservoir fringe wetlands are present at the western end of this parcel near the head of Wolf Hollow Cove. It is adjacent to Mountain Lake Marina and Campground, and current data show three permitted structures associated with this parcel. The TVA property line runs along the 1044-foot contour elevation.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for water use facilities will be considered. This parcel has been classified under the shoreline categorization system as Residential Mitigation. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made.

This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 46

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	114.52
Feet of Shoreline:	7,973.83
Stream Location:	Big Creek mile 6.7R
Hydrologic Unit:	5-230
County:	Campbell
Water Use Facilities	No

This parcel is located in Shown Hollow and is occupied by mixed hardwood (upland and northern) and Virginia pine. The Virginia pine, which comprises about one-fourth of the area, is the result of old-field reversion after TVA purchase. Situated on the flatter portions in the central area of this parcel, the pine has reached maturity and is beginning to breakup. Upland and northern hardwood dominate most of this parcel, which is characterized by east- and north-facing slopes and drains of medium to high productivity. Much of the hardwood was selectively harvested in the 1970s and is now pole to large sawtimber size that ranges from 30 to 100 years old. Yellow poplar, sugar maple, white oak, and beech are the most common species. The shoreline strip along the southern part of this parcel is a wet, rocky site with mixed hardwood, redcedar, and northern white cedar. Access to this parcel is from a county road which enters from the northwest corner. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 47

Allocation:	Zone 6 - Developed Recreation
Acres:	1.82
Feet of Shoreline:	176.49
Stream Location:	Big Creek mile 6.8R
Hydrologic Unit:	5-230
County:	Campbell
Water Use Facilities	Yes

This is one of 32 parcels transferred to the Tennessee Wildlife Resources Agency in 1953. Contract No. TV-14213A transfers in fee the land above the 1052-foot contour elevation and includes an appurtenance that provides a recreation easement from the 1052-foot contour elevation to the waters of Norris Reservoir. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval. This parcel is undeveloped. Requests for public water use facilities will be considered.

Parcel 48

Allocation: Zone 7 - Residential Access
Acres: 30.34
Feet of Shoreline: 17,245.60
Stream Location: Big Creek mile 7R
Hydrologic Unit: 5-230
County: Campbell
Water Use Facilities Yes

This parcel is located along the western shore of the Big Creek embayment adjacent to Indian Creek Subdivision (Phases 1, 2, and 3). Reservoir fringe wetlands exist in Spicewood Cove and Shown Hollow. Current data show 22 permitted structures associated with this parcel. The TVA property line runs along the 1044-foot contour elevation.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for water use facilities will be considered. This parcel has been placed in two shoreline categories. Segments categorized as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining shoreline has been categorized as Residential Mitigation. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 49

Allocation: Zone 6 - Developed Recreation
Acres: 1.46
Feet of Shoreline: 1,025.35
Stream Location: Big Creek mile 9.9R
Hydrologic Unit: 5-230
County: Campbell
Water Use Facilities Yes

This is one of 32 parcels transferred to the Tennessee Wildlife Resources Agency in 1953. Contract No. TV-14213A transfers in fee the land above the 1052-foot contour elevation and includes an appurtenance that provides a recreation easement from the 1052-foot contour elevation to the waters of Norris Reservoir. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval. This parcel is undeveloped. It was placed in Zone 6 to support the backlying land use. Requests for public water use facilities will be considered.

Parcel 50

Allocation:	Zone 6 - Developed Recreation
Acres:	5.66
Feet of Shoreline:	859.41
Stream Location:	Big Creek mile 12.4R
Hydrologic Unit:	5-230
County:	Campbell
Water Use Facilities	Yes

Indian River Marina is located on this parcel. Indian River Marina has a license agreement (Contract No. TV-99372V) below the 1044-foot contour elevation for the purposes of commercial recreation for 625 feet of mooring rights. Requests for additional public water use facilities will be considered.

Parcel 51

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	660.63
Feet of Shoreline:	45,881.18
Stream Location:	Big Creek mile 10R
Hydrologic Unit:	5-230
County:	Campbell
Water Use Facilities	No

This parcel is a wide band stretching along the right descending bank of Big Creek from mile 8 to mile 12.5, and both sides of Cuckle Creek, interrupted by Parcel 49 (which is under easement to the Tennessee Wildlife Resources Agency). Numerous natural resource management activities have been conducted on the larger section of this parcel, including timber sales and wildlife habitat enhancement. Because of the moderate to steep topography, past land use has been primarily woodland, with little clearing for pasture or row crops. As a result, most of this parcel is in older forest (80 to 120 years old), dominated by hardwood, which comprises 83 percent of the forest cover. Upland types account for 78 percent of the hardwood, with mixed (upland and northern) types comprising the other 22 percent. Species composition of the upland hardwood stands includes black oak, white oak, hickory, and red maple. Much of this hardwood was selectively harvested in the mid—1970s, but is still predominantly large sawtimber size. A 24-acre timber harvest was conducted in 1996 along Allen Ridge to regenerate hardwoods and a 20-acre area on Pinkleton Ridge was cut in 1994. Mixed hardwood communities are located in two stands that are situated along the steep northeast-facing slopes of Allen and Pinkleton Ridges. Large sawtimber yellow poplar, hickory, white oak, sugar maple, and northern red oak occupy these stands, which have received little management activity because of the steep topography. A diverse assemblage of wildflowers and shrubs are present in these stands which have moist, productive soils. Approximately 15 percent (four stands) of this parcel is mixed pine-hardwood. These stands vary from poles to large sawtimber size and are primarily old reverted fields. Also the result of old-field reversion, two pine stands comprise 2 percent of this

parcel. These include a small sawtimber shortleaf pine stand and a pole-size Virginia pine stand. Two areas, totaling over five acres, on Allen Ridge were cleared to create permanent wildlife openings in 1998. These were planted to winter wheat and clover and are maintained by periodic bushhogging. The main road was also planted to orchard grass and was gated to prevent vehicular access. Public use is moderately heavy along Norris Reservoir at Pinkleton Ridge where vehicular access is present. Camping, fishing, and swimming are the predominant uses. Some camping by boaters occurs along the Allen Ridge point.

The northernmost section of this parcel, along the north bank of Cuckle Creek, contains large sawtimber pine-hardwood, reverted from agricultural use at the time of TVA purchase. Shortleaf pine, white oak, red maple, and hickory are the predominant species present. There is no developed access to this section of the parcel. Any future access would have to be along the shoreline of this parcel near Parcel 50.

There is easy road access to the Pinkleton and Allen Ridges sections of this parcel where it abuts small subdivisions. Both portions of this parcel are used for hunting. The Allen Ridge area also receives camping and bank fishing use and has a road to the shoreline. Habitat improvement work is occurring in partnership with the National Wild Turkey Federation.

Indian River Marina has a license agreement (Contract No. TV-99372V) for 985 feet of mooring rights on the north side of this parcel. No additional harbor limits or mooring rights will be approved for this marina.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 52

Allocation:	Zone 3 - Sensitive Resource Management <ul style="list-style-type: none">• Heritage (plants)• Big Creek TVA Habitat Protection Area
Acres:	89.87
Feet of Shoreline:	6,860.35
Stream Location:	Big Creek mile 14.3R
Hydrologic Unit:	5-230
County:	Campbell
Water Use Facilities	No

This parcel is on the western shore in the upper reaches of the Big Creek embayment. A diversity of forest communities occupy this parcel. The southern portion is occupied by various-size upland hardwood (oaks and hickory), with a redcedar and Virginia pine component. Redcedar dominates the eastern portion, which is characterized by steep, rocky terrain. Upland and cove hardwood (oaks, white ash, sugar maple, and buckeye) and pine (Virginia and planted loblolly) dominates the northern portion which is higher in site productivity. Most of the pine on

this parcel was killed by the southern pine beetle in 2000. Requests for water use facilities will not be considered.

Big Creek Habitat Protection Area is located on this parcel, which contains state-listed threatened plants. This population has the potential to spread. There is also a glade habitat present at this site that is uncommon in this area. Not included in the habitat protection area is a population of another state-listed special concern plant. This species may be delisted. Regardless, this may be the largest population on TVA land, and this site may be revisited if the plant's Tennessee status or surrounding conditions change.

Parcel 53

Allocation: Zone 6 - Developed Recreation
Acres: 70.11
Feet of Shoreline: 8,878.81
Stream Location: Big Creek mile 15.2R
Hydrologic Unit: 5-230
County: Campbell
Water Use Facilities Yes

Originally, this parcel was under a 30-year recreation easement to Campbell County (Contract No. TV-16319A). The easement has expired and Campbell County is operating on a letter of no objection. This parcel includes a TWRA gravel parking lot and concrete launching ramp useable to the 996-foot contour elevation. This parcel was placed in Zone 6 to reflect the current land use. Requests for additional public water use facilities will be considered.

Parcel 54

Allocation: Zone 7 - Residential Access
Acres: 0.76
Feet of Shoreline: 941.12
Stream Location: Big Creek mile 15.3R
Hydrologic Unit: 5-230
County: Campbell
Water Use Facilities Yes

This parcel is located along the western shore in the upper portion of the Big Creek embayment. There are no listed reservoir fringe wetlands and no adjacent subdivisions. Current data show one permitted structure associated with this parcel. The TVA property line runs along the 1044-foot contour elevation. This parcel has been classified under the SMI shoreline categorization system as Residential Mitigation. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional

data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 55

Allocation: Zone 4 - Natural Resource Conservation
Acres: 12.84
Feet of Shoreline: 4,929.01
Stream Location: Big Creek mile 16 R/L
Hydrologic Unit: 5-230
County: Campbell
Water Use Facilities No

This parcel is located along both sides of the upper reaches of the Big Creek embayment. The western portion is adjacent to Lakeshore Park Subdivision. Pine and hardwood dominant the forest cover. There are two reservoir fringe wetland areas in coves near this parcels western end and midsection. The TVA property line runs along the 1044-foot contour elevation. This section of the parcel has little or no waterfront and very little recreation potential.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. It provides riparian habitat for wetland mammals, wading birds, migrant waterfowl, raptors, nesting wood ducks, and songbirds. Requests for water use facilities will not be considered.

Parcel 56

Allocation: Zone 6 - Developed Recreation
Acres: 1.01
Feet of Shoreline: 548.64
Stream Location: Big Creek mile 16.4R
Hydrologic Unit: 5-230
County: Campbell
Water Use Facilities Yes

This parcel is one of 27 tracts transferred (Contract No. TV-18703A) to the Tennessee Wildlife Resources Agency in 1958. The contract transfers land in fee above the 1052-foot contour elevation and includes an appurtenance that provides a recreation easement from the 1052-foot contour elevation to the water. Certain recreation facilities were approved at the 1020-foot contour elevation, and other recreation facilities and infrastructures were approved above the 1034-foot contour elevation. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval. This parcel has a small gravel parking lot and used for bank fishing. It was placed in Zone 6 to reflect the current land use. Requests for public water use facilities will be considered.

Parcel 57

Allocation: Zone 4 - Natural Resource Conservation
Acres: 6.36
Feet of Shoreline: N/A
Stream Location: Big Creek mile 16.5R
Hydrologic Unit: 5-230
County: Campbell
Water Use Facilities: No

A county road borders the western edge of this parcel, which is situated within a private pasture. There are outstanding rights for grazing on a 0.8 acre area along the northeast portion (Tract No. NR-5213) of this parcel; five acres are under a TVA agricultural license (NR-CA-40) for hay use; and there is a 75-foot right-of-way across the narrow neck on the southern half of this parcel.

This parcel has little or no waterfront and very little recreation potential. It is potentially an important riparian habitat for wetland mammals, wading birds, migrant waterfowl, raptors, nesting wood ducks, and songbirds. It was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 58

Allocation: Zone 6 - Developed Recreation
Acres: 22.18
Feet of Shoreline: N/A
Stream Location: Big Creek mile 18R
Hydrologic Unit: 5-230
County: Campbell
Water Use Facilities: Yes

This parcel is in the uppermost reaches of the Big Creek embayment in the city of LaFollette. TVA granted a 30-year recreation easement (Contract No. TV-62499A) to the city of LaFollette from 1983-2013. The original intention was to construct a ball field. The city of LaFollette has not developed the facilities identified in Contract No. TV-62499A. Interest has been expressed for developing a formal horse riding ring; however, a formal proposal has not been received by TVA requesting this development (Wolfenbarger, 1994). This parcel was placed in Zone 6 to support the proposed land use. Requests for public water use facilities would be considered.

Parcel 59

Allocation: Zone 4 - Natural Resource Conservation
Acres: 8.42
Feet of Shoreline: 101.00
Stream Location: Big Creek mile 17.5L
Hydrologic Unit: 5-230
County: Campbell
Water Use Facilities: No

Sparsely stocked bottomland hardwood (sycamore, box elder, and green ash) occupies the bottom along the creek which bisects this parcel. The steeper slopes are dominated by upland hardwood, primarily oaks, hickory, and red maple. A sewer line that was installed in 1999 and runs adjacent to the creek for the length of this parcel.

This parcel can be an important riparian habitat for wetland mammals, wading birds, migrant waterfowl, raptors, nesting wood ducks, and songbirds. It was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 60

Allocation: Zone 4 - Natural Resource Conservation
Acres: 45.13
Feet of Shoreline: 13,635.46
Stream Location: Big Creek mile 16L
Hydrologic Unit: 5-230
County: Campbell
Water Use Facilities No

Much of the eastern portion of this parcel was in agricultural use at the time of TVA purchase. It is adjacent to Bolton Lakeside Subdivision. Loblolly pine was planted on much of the area, especially the flatter portions. Other old-field sites reverted primarily to Virginia pine. Upland and bottomland hardwoods are interspersed on some areas and occupy the steeper shoreline portions that were not previously farmed. In the summer of 2000 the southern pine beetle infestation killed virtually all of the pine on this parcel. These areas will likely revert to upland and bottomland hardwood stands. There are no listed reservoir fringe wetlands on this portion of the parcel. The TVA property line runs along the 1044-foot contour elevation.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. It provides riparian habitat for wetland mammals, wading birds, migrant waterfowl, raptors, nesting wood ducks, and songbirds. Current data show two permitted structures associated with this parcel. While these structures will be allowed to remain, requests for additional water use facilities will not be considered.

Parcel 61

Allocation: Zone 3 - Sensitive Resource Management
• Wetlands
Acres: 0.95
Feet of Shoreline: 944.99
Stream Location: Big Creek mile 16.4 (Island)
Hydrologic Unit: 5-230
County: Campbell
Water Use Facilities No

This parcel is an island, which at full summer pool is barely above water at the 1020-foot contour elevation. This small parcel is occupied by emergent and forested wetlands with black willow, river birch, elm, and other hardwood species and aquatic beds around shoreline. This parcel can be important riparian habitats for wetland mammals, wading birds, migrant waterfowl, raptors, nesting wood ducks, and songbirds. The area receives heavy illegal use by all-terrain vehicles, which would need to be curtailed to provide the protection offered by Zone 3. Requests for water use facilities will not be considered.

Parcel 62

Allocation: Zone 3 - Sensitive Resource Management

- Heritage (plants)
- Cultural
- Visual

Acres: 9.07

Feet of Shoreline: 2,574.78

Stream Location: Big Creek mile 14.5 (Island)

Hydrologic Unit: 5-230

County: Campbell

Water Use Facilities No

Various-size upland hardwoods, such as oaks, hickory, red maple, and white ash occupy most this island parcel. A pine component is present on the western end.

This parcel was placed in Zone 3 because of its visual amenities. Islands are landforms that can be enjoyed by the lake user and enhance the visual quality of the reservoir. Requests for water use facilities will not be considered.

Parcel 63

Allocation: Zone 4 - Natural Resource Conservation

Acres: 62.06

Feet of Shoreline: 6,517.06

Stream Location: Big Creek mile 14.5L

Hydrologic Unit: 5-230

County: Campbell

Water Use Facilities No

Located on the right descending bank at Big Creek mile 14.5, this parcel comprises approximately 15 acres of low upland with low slopes toward Norris Reservoir. The land is cleared and significantly disturbed with scattered tree cover which includes a young Virginia pine community. This parcel contains extensive jeep roads, numerous illegal dumping sites, and exotic species, such as honeysuckle.

Several ecological conditions occur on this parcel. The northern portion along Demory Road is characterized by poor, rocky site quality and is occupied by cedar-hardwood. The southern

portion is occupied by upland hardwood (white oak, hickory, white ash, and dogwood). The large southern segment varies with aspect; the north-facing slopes are dominated by sawtimber-size yellow poplar, beech, northern red oak, and sugar maple while the south-facing slopes are primarily pine-hardwood stands of sawtimber size. Southern pine beetles have infested most of the pine and will likely kill all of the pine in these stands over the next year.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation and to provide informal recreation opportunities. Emergent wetlands and aquatic beds are located near the northern end of this parcel between Big Creek miles 15 and 16. This area can be an important riparian habitat for wetland mammals, wading birds, migrant waterfowl, raptors, nesting wood ducks, and songbirds. The majority of this parcel is either too steep or has a poor land/water relationship and has little developed recreation potential; however, portions are suitable for informal recreation. Requests for water use facilities will not be considered.

Parcel 64

Allocation: Zone 3 - Sensitive Resource Management
• Visual
Acres: 1.96
Feet of Shoreline: 1,116.21
Stream Location: Big Creek mile 13.2 (Island)
Hydrologic Unit: 5-230
County: Campbell
Water Use Facilities: No

This parcel is an island, which at full summer pool is barely above water at the 1020-foot contour elevation and is occupied by pine-cedar-hardwood on a poor, rocky site. Because it serves as a visual focal point to a number of residents it has been placed in Zone 3 to protect its visual appearance. This area can also be an important riparian habitat for wetland mammals, wading birds, migrant waterfowl, raptors, nesting wood ducks, and songbirds. Requests for water use facilities will not be considered.

Parcel 65

Allocation: Zone 4 - Natural Resource Conservation
Acres: 531.52
Feet of Shoreline: 28,269.89
Stream Location: Big Creek mile 11L
Hydrologic Unit: 5-230
County: Campbell
Water Use Facilities: No

Located along the left descending bank of Big Creek, this large parcel includes the north side of Whitman Hollow and Turkey Ridge. Hardwood occupies 91 percent of this parcel with over

450 acres of upland types and 40 acres of mixed hardwood (upland, cove, and northern). Hardwood dominance is due to the steep topography which limited past agricultural use. Large sawtimber hickory, red maple, and black, white, and scarlet oaks are the most common species present with the majority exceeding 80 years of age. Much of this component was selectively harvested in the mid—1970s, and a harvest was conducted in 1998 to regenerate mature forest. Mixed hardwood stands are located on north-facing slopes and drains with productive soils. Large sawtimber pine-hardwood is found on two stands with more moderate topography. These are the result of old-field reversion after TVA purchase. Also present on old-fields are two stands of Virginia pine that have reached maturity and are breaking up. Several acres of permanent wildlife openings were established after harvesting in 1998 on roads and log landings. These areas are being maintained by periodic bushhogging. TVA retained a right of ingress and egress across Tract No. XNR-103 and a road right-of-way across Tract No. XNR-102 to access the northern third of this parcel. Rights of ingress and egress were also retained on Tract Nos. XNR-104 and -105; however, subsequent sales of adjacent land has caused this access to be questionable, and currently there is no accepted access to the southern two-thirds (Whitman Hollow).

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. Undeveloped public land bounds both shorelines in this section of the Big Creek embayment. Fringe scrub-shrub wetlands are located between Big Creek miles 10 and 11. Several points along this parcel receive informal camping and bank fishing use, but it is too steep to support developed recreation opportunities. It is recommended that consideration be given to visual management for any form of future development in order to maintain the visual character of that area.

There are day markers located on this parcel. Day markers are important for navigational reference. This day marker does not interfere with Zone 4 activities. Requests for water use facilities will not be considered.

Parcel 66

Allocation:	Zone 6 - Developed Recreation
Acres:	6.97
Feet of Shoreline:	4,751.50
Stream Location:	Big Creek mile 8.5L
Hydrologic Unit:	5-230
County:	Campbell
Water Use Facilities	Yes

This parcel has two sections: (1) Whitman Hollow Dock is located on the western section of this parcel. Whitman Hollow Dock has a license agreement (Contract No. RLR-88861) for the use of 1,367 linear feet of shoreline below the 1044-foot contour elevation for commercial recreation purposes and (2) the eastern section has 3,384.66 linear feet of shoreline that was transferred to the Tennessee Wildlife Resources Agency, and has a concrete launching ramp and gravel parking lot that accommodates 10 vehicle and boat trailers.

This parcel was placed in Zone 6 to reflect the current land uses. Requests for commercial or public water use facilities will be considered.

Parcel 67

Allocation: Zone 4 - Natural Resource Conservation
Acres: 177.22
Feet of Shoreline: 12,533.51
Stream Location: Big Creek mile 8.5L
Hydrologic Unit: 5-230
County: Campbell
Water Use Facilities No

This parcel is located along the south side of Whitman Hollow, and is similar to other TVA parcels on the Big Creek embayment. Hardwood occupies 75 percent; mixed forest (pine-hardwood, cedar-hardwood) 24 percent; and pine 1 percent of this parcel. Most of the hardwood is sawtimber-size upland types with black oak, white oak, and hickory. One mixed stand (upland and northern) is situated on the western end of this parcel on a north-facing slope. Much of the hardwood was selectively harvested in the mid-1970s and is now various-aged. Mixed forest communities include a cedar-hardwood stand that is situated on a rocky, south-facing slope of poor quality and two old-field stands of pine-hardwood. One small area of Virginia pine, the result of old-field reversion, is also located on this parcel. Several points on the left bank of Whitman Hollow receive considerable bank fishing and some informal camping. An old logging road bisects this parcel on the south side of Whitman Hollow and receives moderate use by campers, fishermen, and other users. Although, this road has not been maintained for a number of years, it is still accessible by most vehicles. Requests for water use facilities will not be considered.

Parcel 68

Allocation: Zone 3 - Sensitive Resource Management
• Visual
Acres: 150.57
Feet of Shoreline: 14,051.26
Stream Location: Big Creek mile 7L
Hydrologic Unit: 5-230
County: Campbell
Water Use Facilities No

This parcel is characterized by moderate to steep topography and is dominated by large sawtimber upland and northern hardwood, which occupies all but a 27-acre stand of old-field Virginia pine. With the exception of the steep, lower slopes, the hardwood was partially harvested in the mid—1970s. Species composition includes white oak, black oak, white ash, beech, hickory, and sugar maple. The Virginia pine stand is located on an area of less severe topography on the southern portion of this parcel. This area was in agricultural use at the time of

TVA purchase and is now mature with moderate mortality. The southern one-third is adjacent to Big Creek Subdivision (Phase 1). TVA retained a right of ingress and egress across Tract Nos. XNR-111 and -112 to access this parcel.

This parcel was placed in Zone 3 to preserve the scenic bluffs and the areas rock outcrop, in addition to the unusual patches of scenic evergreen plant growth. Additionally, a waterfall or seep is visible to reservoir users along this shoreline stretch. Fringe emergent wetlands are located in a small cove near Big Creek mile 7.

There is a day marker located on this parcel. Day markers are important for navigational reference. This day marker does not interfere with protecting the sensitive resources identified in this Zone 3 parcel. Requests for water use facilities will not be considered.

Parcel 69

Allocation:	Zone 7 - Residential Access
Acres:	65.50
Feet of Shoreline:	34,701.28
Stream Location:	Big Creek mile 4L
Hydrologic Unit:	5-230
County:	Campbell
Water Use Facilities	Yes

This parcel is located in Racetrack Hollow, along the northeastern shore (left bank) of Big Creek embayment adjacent to Big Creek Subdivision (Phases 1, 2, 3, 4, 5, 6, 7, and 8). There are reservoir fringe wetlands located at the head of Big Hollow. Current data show 108 permitted structures associated with this parcel. The TVA property line runs along the 1044-foot contour elevation.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional water use facilities will be considered. Under the shoreline categorization system, this parcel has been placed in two categories. Segments categorized as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining segments of shoreline in this parcel have been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

There is a day marker located on this parcel. Day markers are important for navigational reference. This day marker does not interfere with Zone 7 activities.

Parcel 70

Allocation: Zone 7 - Residential Access
Acres: 36.96
Feet of Shoreline: 19,030.29
Stream Location: Big Creek mile 3.5L
Hydrologic Unit: 5-230
County: Campbell
Water Use Facilities Yes

This parcel is located along the northeastern shore (left bank) of the Big Creek embayment adjacent to Racetrack and Cove Pointe Subdivisions. There are reservoir fringe wetlands located in two coves within this parcel at the head of Racetrack Hollow. Current data show 86 permitted structures associated with this parcel. The TVA property line runs along the 1044-foot contour elevation.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional water use facilities will be considered. Under the shoreline categorization system, this parcel has been placed in two categories. Segments categorized as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining segments of shoreline in this parcel have been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 71

Allocation: Zone 4 - Natural Resource Conservation
Acres: 11.24
Feet of Shoreline: 1,008.95
Stream Location: Big Creek mile 3.8L
Hydrologic Unit: 5-230
County: Campbell
Water Use Facilities No

Located in Racetrack Hollow, this small parcel is occupied by various-size pine-hardwood. Much of the area was in agricultural use at the time of TVA purchase and has since reverted to Virginia pine, shortleaf pine, yellow poplar, and other hardwoods. This parcel receives moderate use for bank fishing, with access provided by an informal road which bisects this parcel. Fringe emergent wetlands are located in portions of this small cove. This parcel was placed in Zone 4 to

conserve important wildlife habitat and shoreline vegetation and to provide for continued informal recreational use. Requests for water use facilities will not be considered.

Parcel 72

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	588.39
Feet of Shoreline:	37,961.38
Stream Location:	Clinch River mile 83R
Hydrologic Unit:	5-220 and 5-230
County:	Campbell
Water Use Facilities	No

This parcel, known locally as Murrayville, is located on the large peninsula between Big Creek and the Clinch River. It is the major view to many residents across Norris Reservoir in Anderson County. It is also the primary viewing area to Sequoyah Lodge and Marina, Inc., and can be seen from portions of the Cove Creek Wildlife Management Area. Historically, the natural resources on these lands have been actively managed through timber harvests and wildlife habitat enhancements. Hardwoods dominate this parcel, comprising 85 percent of the forest in upland and cove types. Most of the hardwood was harvested in the mid—1970s and several areas were again harvested in the late 1980s. In conjunction with the later sales, many of the roads and landing areas were planted in grasses and clover to create permanent wildlife openings. Shortleaf and Virginia pine occupy about 12 percent of this parcel in four stands and are the result of either old-field reversion or planting by TVA. These stands are approaching maturity and mortality has steadily increased in recent years. Also, the result of old-field reversion, pine-hardwood mixtures comprise the remainder of this parcel. TVA retained road rights-of-way across Tract Nos. XNR-120, -121, -122, -123, -124, -125, and -126 to access this parcel. Rights of ingress and egress were also retained on Tract Nos. XNR-122 and -126 to access the western portion along Big Creek. This is one of most heavily used parcels on Norris Reservoir, receiving moderate to heavy use by campers, bank fishermen, hunters, and all terrain vehicle users.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation, cultural resources, to ensure its continued availability for informal recreational use, and to provide for visual management of the shoreline. Cultural resource sites were found within this parcel. Scrub-shrub and forested wetlands are present. Although a number of shoreline uses take place on this parcel, its visual quality should be managed.

There is a day marker located on this parcel. Day markers are important for navigational reference. This day marker does not interfere with Zone 4 activities. A TVA power line bisects this parcel. Requests for water use facilities will not be considered.

Parcel 73

Allocation: Zone 3 - Sensitive Resource Management
 • Heritage (animals and plants)
 • Cultural

Acres: 27.48

Feet of Shoreline: 4,856.11

Stream Location: Clinch River mile 83.8R

Hydrologic Unit: 5-220

County: Campbell

Water Use Facilities No

This parcel, locally known as the rock garden because of exposed limestone formations that form towers, is also a part of the Murrayville unit and is located at the tip of the peninsula. Forest vegetation is composed of old-field Virginia and shortleaf pine on the southern half and cove hardwood on the northern half. The pine is approaching maturity, and mortality has increased in recent years. Large sawtimber yellow poplar is the dominant component in the hardwood, which was probably not farmed due to the limestone that is present. This parcel receives heavy camping, bank fishing, and all-terrain vehicle use.

Murrayville Flats Habitat Protection Area is located on this parcel. A population of Kentucky rosinweed (*S. wasiotense*), a state-listed endangered plant, has been located in two places on this parcel. Both locations are along the edges of jeep roads. Although the habitat on this parcel is not of high quality, this small population of 15 individuals is one of only 8 populations in Tennessee, and does have the opportunity to spread. The habitat protection area was drawn to pick up ten individuals of Kentucky rosinweed (*S. wasiotense*) and to include steep rock outcrops in an adjacent parcel. The use of four-wheel drive vehicles may cause the rerouting of a road and compromise the plants found there (road not shown on map). This road is used for lake access. American ginseng (*P. quinquefolius*) is also present on this parcel in mesic, shady areas. Woodland ponds and depressions are seasonally flooded.

This parcel was placed in Zone 3 to protect a small heronry that is located in shoreline trees near the southern tip of the peninsula and identified cultural resource sites.. Also present are Scrub-shrub and forested wetlands. Requests for water use facilities will not be considered.

Parcel 74

Allocation: Zone 3 - Sensitive Resource Management
 • Heritage (plants)
 • Murrayville Flats TVA habitat Protection Area
 • Cultural

Acres: 83.68

Feet of Shoreline: 6,639.80

Stream Location: Clinch River mile 86R

Hydrologic Unit: 5-220

County: Campbell

Water Use Facilities No

This parcel is locally known as the “flatwoods” and is occupied by hardwood and mixed pine-hardwood. Most of the area was harvested in the mid—1970s and about one-third was harvested again in 1990. Yellow poplar, sugar maple, and various oaks comprise the hardwood component, while both Virginia and shortleaf pine are also present. The percentage of pine has decreased over the years because of advanced age and beetle infestation. Bisected by a woods road, this parcel receives moderate to heavy use for camping, bank fishing, and all-terrain vehicle use. Illegal dumping of household and commercial (shingles and construction materials) garbage have been prevalent over the years.

A Tennessee state-listed special concern plant and two Tennessee state-listed endangered plants were observed on this parcel during preliminary field surveys. Because of the presence of rare species, a portion of this parcel has been designated the **Murrayville Flats TVA Habitat Protection Area**. Cultural resource sites were found within this parcel. Scrub-shrub and forested wetlands are present. This parcel was placed in Zone 3 to protect these sensitive resources. Requests for water use facilities will not be considered.

Parcel 75

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	55.40
Feet of Shoreline:	3,367.90
Stream Location:	Clinch River mile 86.4R
Hydrologic Unit:	5-220
County:	Campbell
Water Use Facilities	No

A major timber theft occurred on this parcel in 1998, in which approximately 18 to 20 acres was illegally logged. Most of the cut timber was oak and other hardwood. Currently, most of this parcel is occupied by mature Virginia pine and regenerating hardwood (harvest area). A woods road bisects this parcel, providing public access to the shoreline for bank fishing, camping, and swimming. Cultural resource sites were found within this parcel. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation, cultural resources, and to ensure its continued availability for informal recreation use. Requests for private water use facilities will not be considered.

Parcel 76

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	3.60
Feet of Shoreline:	N/A
Stream Location:	N/A
Hydrologic Unit:	5-220 and 5-230
County:	Campbell
Water Use Facilities	No

This small inland parcel fronts Demory Road. It is occupied by upland hardwood of various size. It has no water access and offers little to no recreation potential. This parcel was placed in Zone 4 to conserve wildlife habitat. Request for water use facilities will not be considered.

Parcel 77

Allocation: Zone 6 - Developed Recreation
Acres: 14.69
Feet of Shoreline: 3,613.01
Stream Location: Clinch River mile 86.9R
Hydrologic Unit: 5-220
County: Campbell
Water Use Facilities Yes

This parcel was a Section 4(k)(a) sale (Tract No. XNR-871) to the Blue Ridge Council of the Boy Scouts of America. This parcel shall be used solely for recreational purposes and shall not be leased, sold or otherwise alienated (cannot be subdivided) except as a whole. This parcel was placed in Zone 6 to support the backlying land use. Requests for public water use facilities will be considered.

Parcel 78

Allocation: Zone 3 - Sensitive Resource Management
• Visual
Acres: 154.20
Feet of Shoreline: 9,860.78
Stream Location: Clinch River mile 87R
Hydrologic Unit: 5-220
County: Campbell
Water Use Facilities No

The northern one-third of this parcel is currently occupied by shortleaf pine and upland hardwood; however, if the pine component continues to decrease the stand will eventually be upland hardwood. Large sawtimber upland hardwood dominates the southern two-thirds, which was partially harvested in the mid—1970s. White oak, black oak, yellow poplar, and hickory are the most common species and range in age from 80 to 100 years old. Previous harvesting has left portions of this area in an under stocked condition. TVA retained a right of ingress and egress across Tract Nos. XNR-128 and -863 to this parcel.

This parcel was placed in Zone 3 to protect of its visual amenities. Specifically, a predominate point on this mixed hardwood, cedar, and pine covered parcel supports an unusual massive rock formation. This point can be seen by boaters in the area and the users of Anderson County Park on the opposite shore. This parcel receives a small amount of informal camping in back of the cove. Requests for water use facilities will not be considered.

Parcel 79

Allocation: Zone 7 - Residential Access
Acres: 29.11
Feet of Shoreline: 12,308.87
Stream Location: Clinch River mile 88.2R
Hydrologic Unit: 5-220
County: Campbell
Water Use Facilities Yes

This parcel is located on the western shore (right side), just below the confluence of the Clinch and Powell Rivers fronting Rainbow Richlands Subdivision. It is adjacent to Rainbow Marina and Resort. Current data show 35 permitted structures associated with this parcel. Reservoir fringe wetlands are listed in Rich Hollow and several smaller and more northern coves of this parcel. The TVA property line runs along the 1044-foot contour elevation.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional water use facilities will be considered. Under the shoreline categorization system, the shoreline of this parcel has been placed in two categories. Segments categorized as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining segments of shoreline in this parcel have been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 80

Allocation: Zone 6 - Developed Recreation
Acres: 8.23
Feet of Shoreline: 3,308.70
Stream Location: Clinch River mile 88.2R
Hydrologic Unit: 5-220
County: Campbell
Water Use Facilities Yes

Rainbow Marina and Resort is located on this parcel. This parcel was originally sold as five parcels in a Section 31 sale. Two sections of the original five were converted to Section 4(k)(a), allowing sales for permanent homes. Because this was a Section 31 sale, there is no annual fee. Requests for water use facilities will be considered

Parcel 81

Allocation:	Zone 3 - Sensitive Resource Management <ul style="list-style-type: none">• Visual• Cultural
Acres:	1.50
Feet of Shoreline:	973.15
Stream Location:	Clinch River mile 88.5 (Island)
Hydrologic Unit:	5-220
County:	Anderson
Water Use Facilities	No

Formerly in agricultural use, this small island parcel is occupied by upland hardwood and redcedar. Islands are visual focal points that should be protected to enhance the aesthetic quality of the reservoir. Cultural resources were found on this parcel, as well as aquatic beds and scrub-shrub fringe wetlands. This parcel was placed in Zone 3 to protect these sensitive resources. Requests for water use facilities will not be considered. A day marker, important for navigational reference, is located on this parcel. This day marker does not interfere with protecting the sensitive resources identified in this Zone 3 parcel.

Parcel 82

Allocation:	Zone 3 - Sensitive Resource Management <ul style="list-style-type: none">• Heritage (plants)• Wetlands
Acres:	107.58
Feet of Shoreline:	7,254.67
Stream Location:	Powell River mile 1R
Hydrologic Unit:	6-100
County:	Campbell
Water Use Facilities	No

This parcel forms the western end of Fork Bend peninsula. Forming a peninsula into the Powell River, Fork Bend contains extensive limestone outcrops, including one small rock garden; rocky woodlands; scenic views of the Powell River/Norris Reservoir; and spring wildflower displays. The forests on this parcel are characterized by a high quality, mature, mixed deciduous woodlands dominated by American beech, sugar maple, and white oak. The forest in the southeastern quarter is approximately 50 years old while the remainder ranges from 30 to over 100 years old. Over half of the area was partially harvested in the mid—1970s. This site has good road access, a small parking pull-off, and would be favorable for trail construction. This area is presently used for informal overnight camping and day use, and the point receives moderate to heavy use.

A large woodland sinkhole containing rotting logs, surface rock, and good quality leaf litter is present near the primary access road. Two wooded, seasonal ponds are present within mid-aged and mature deciduous woodlands near the tip of the peninsula. One Tennessee state-listed special concern plant is scattered throughout the rocky woodlands of the western slope. Fringe scrub-shrub and forested wetlands and aquatic beds are located near Powell River miles 0 and 1. Additional fringe forested wetland areas are located between Powell River miles 3 and 4. Most wetland sites are located in coves. This parcel was placed in Zone 3 to protect these sensitive resources. Requests for water use facilities will not be considered.

A small island is located off the southern tip of this parcel, which at full summer pool (1020-foot contour elevation) is barely above water. This island was in agricultural use at the time of TVA purchase. The area reverted to upland hardwood and redcedar.

Cultural resources were found on this parcel. Aquatic beds are located along the northern shore (between the island and the main shoreland) of the island located east of Powell River mile 1. Islands are visual focal points that should be protected to enhance the aesthetic quality of Norris Reservoir.

Parcel 83

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	516.08
Feet of Shoreline:	24,549.51
Stream Location:	Powell River mile 0.0R
Hydrologic Unit:	5-220 and 6-100
County:	Campbell
Water Use Facilities	No

This parcel, known locally as “The Bends,” is dominated by hardwoods. Formerly, over half of the area was occupied by upland and cove hardwood stands while most of the remaining area was in pine-hardwood mixtures. Because of current and past southern pine beetle infestations, the pine component has virtually disappeared from these mixed stands, leaving them in a predominantly hardwood condition. Most of the hardwood stands were partially harvested in the mid—1970s, creating stands that are now various aged. Upland types are comprised of hickory, black oak, and white oak while cove types include beech, yellow poplar, sugar maple, and white ash. Stand size has been heavily influenced by past logging activity, with many of the hardwood areas now characterized by large sawtimber trees over a pole-size understory. Additional harvesting was conducted in the late 1980s to regenerate hardwoods that were previously partially harvested. A main woods road that provides access to Norris Reservoir bisects this parcel and has been renovated periodically for public use. Hunting is the main public use on this parcel. TVA retained access to this parcel over Tract No. XNR-863.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation, and to ensure the conservation of the site’s visual integrity. Fork Bend holds a point of visual dominance at the confluence of the Clinch and Powell Rivers. It is in the primary viewing area

of Norris Reservoir users and visitors to Anderson County Park and Chuck Swan Wildlife Management Area. Any future development of this parcel should be accomplished with sensitivity to potential visual impacts. Requests for water use facilities will not be considered.

Parcel 84

Allocation: Zone 6 - Developed Recreation
Acres: 5.79
Feet of Shoreline: 2,300.76
Stream Location: Powell River mile 4R
Hydrologic Unit: 5-220
County: Campbell
Water Use Facilities Yes

This parcel was a Section 4(k)(a) sale (Tract No. XNR-676) to the Ministers and Orphanage Camp. The land shall be used solely for recreational purposes. There are reservoir fringe wetlands located in the head of the cove on this parcel.

Parcel 85

Allocation: Zone 7 - Residential Access
Acres: 1.16
Feet of Shoreline: 658.61
Stream Location: Powell River mile 4R
Hydrologic Unit: 6-100
County: Campbell
Water Use Facilities Yes

This parcel is located along the western shore (right bank) of the Powell River arm of Norris Reservoir, just north of Fork Bend. There are reservoir fringe wetlands in the head of the cove. There are no adjacent subdivisions. Current data show four permitted structures associated with this parcel. The TVA property line runs along the 1034-foot contour elevation.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional water use facilities will be considered. Under the shoreline categorization system, this parcel has been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 86

Allocation: Zone 7 - Residential Access
Acres: 31.42
Feet of Shoreline: 15,188.18
Stream Location: Powell River mile 5.1R
Hydrologic Unit: 6-100
County: Campbell
Water Use Facilities Yes

This parcel is located along the western shore (right bank) of the Powell River arm of Norris Reservoir, fronting Shanghai Resort and The Point Subdivision. Current data show 12 permitted structures associated with this parcel. The TVA property line runs along the 1044-foot contour elevation. Reservoir fringe wetlands are listed at the head of the cove and along the northern most point.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional water use facilities will be considered. Under the shoreline categorization system, the shoreline of this parcel has been placed in two categories. Segments categorized as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining segments of shoreline in this parcel have been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 87

Allocation: Zone 6 - Developed Recreation
Acres: 6.88
Feet of Shoreline: 5,074.66
Stream Location: Powell River mile 5R
Hydrologic Unit: 6-100
County: Campbell
Water Use Facilities Yes

Shanghai Resort is located on this parcel. This was a Section 4(k)(a) sale and; therefore, is a no fee license. Requests for water use facilities will be considered.

Parcel 88

Allocation: Zone 7 - Residential Access
Acres: 55.21
Feet of Shoreline: 25,298.63
Stream Location: Cedar Creek mile 0R
Hydrologic Unit: 6-100
County: Campbell
Water Use Facilities Yes

This parcel is located along the western shore (right bank) of the Cedar Creek embayment of Norris Reservoir at the confluence of Cedar Creek and Powell River. There are no backlying subdivisions. Current data show three permitted structures associated with this parcel. The TVA property line runs along the 1044-foot contour elevation. Reservoir fringe wetlands are listed in coves at the northwestern and the northernmost end of this parcel.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional water use facilities will be considered. Under the shoreline categorization system, this parcel has been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 89

Allocation: Zone 4 - Natural Resource Conservation
Acres: 97.33
Feet of Shoreline: 2,923.76
Stream Location: Cedar Creek mile 2.5R
Hydrologic Unit: 6-100
County: Campbell
Water Use Facilities No

The northern two-thirds of this parcel was in agricultural use at the time of TVA purchase and has since reverted to Virginia and shortleaf pine with a hardwood component of hickory and yellow poplar. Because of recent pine beetle infestations and associated pine mortality, these areas are now trending more towards hardwoods. The southern third, which is currently occupied by pole-size upland hardwood, was partially harvested in the mid—1970s and regenerated to the present stand in the late 1980s. This parcel receives minor hunting use. Access to this parcel is over Tract No. XTNR-12, which is under license to the Tennessee Wildlife Resources Agency.

Aquatic beds and fringe forested wetlands are located near the eastern end of this parcel between Cedar Creek miles 2 and 3. Sugar Hollow Boat Dock has mooring rights granted over a portion of this parcel. Those mooring rights can continue to occur adjacent to this parcel to the extent that this activity does not negatively impact those resources that Zone 4 is designed to conserve. Requests for water use facilities will not be considered.

Parcel 90

Allocation: Zone 4 - Natural Resource Conservation
Acres: 1.23
Feet of Shoreline: N/A
Stream Location: Cedar Creek mile 2.5
Hydrologic Unit: 6-100
County: Campbell
Water Use Facilities: No

This small parcel is situated within a private pasture, adjacent to a county road, and is used without a TVA license or permission by the adjacent landowner. It was placed in Zone 4 to conserve wildlife habitat at the back of Sugar Hollow Cove.

Parcel 91

Allocation: Zone 6 - Developed Recreation
Acres: 6.85
Feet of Shoreline: 1,915.17
Stream Location: Cedar Creek mile 2.5R
Hydrologic Unit: 6-100
County: Campbell
Water Use Facilities: Yes

This parcel is located at the back of Sugar Hollow Cove and is one of 32 parcels transferred (Contract No. TV-14213A) to The Tennessee Wildlife Resources Agency in 1953. This contract transfers in fee the land above the 1052-foot contour elevation and includes an appurtenance that provides a recreation easement from the 1052-foot contour elevation to the waters of Norris Reservoir. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval. This parcel is undeveloped. It was placed in Zone 6 to support the backlying land use. Requests for public water use facilities will be considered.

Parcel 92

Allocation: Zone 7 - Residential Access
Acres: 2.82
Feet of Shoreline: 2,110.95
Stream Location: Cedar Creek mile 2.5R
Hydrologic Unit: 6-100
County: Campbell
Water Use Facilities: Yes

This parcel is located on the northern shore of Sugar Hollow Cove. Sugar Hollow Cove enters the Cedar Creek embayment from the west, and Cedar Creek enters the Powell River arm of Norris Reservoir from the north at Powell River mile 6. There are no adjacent subdivisions, and current data show three permitted structures associated with this parcel. The TVA property line runs along the 1044-foot contour elevation. Reservoir fringe wetland areas exist in small coves and low areas of the shoreline. This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional private water use facilities will be considered. This parcel has been classified under the shoreline categorization system as Residential Mitigation. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 93

Allocation: Zone 4 - Natural Resource Conservation
Acres: 42.78
Feet of Shoreline: 3,098.02
Stream Location: Cedar Creek mile 3.3R
Hydrologic Unit: 6-100
County: Campbell
Water Use Facilities No

Large sawtimber upland hardwood occupies most of this parcel, which is situated on a moderately steep slope on the south bank of Sutton Hollow Cove. Hickory, beech, oaks, and yellow poplar are the dominant species and many exceed 100 years old. A smaller area is a former pine stand killed by the southern pine beetle in the mid—1970s that is now occupied by pole-size upland hardwood. A woods road accesses this parcel from Cedar Creek Road but does not go very far into this parcel. Aquatic beds are present in Sutton Hollow Cove. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 94

Allocation: Zone 6 - Developed Recreation
Acres: 14.22
Feet of Shoreline: 7,866.12
Stream Location: Cedar Creek mile 3.7R
Hydrologic Unit: 6-100
County: Campbell
Water Use Facilities Yes

This parcel is a narrow shoreline strip of land that is wooded and exhibits rock outcroppings. It lies to the rear of the Cedar Creek embayment. It adjoins one of the most heavily developed residential access shorelines. This parcel is one of several transferred (Contract No. TV-14213A) to the Tennessee Wildlife Resources Agency in 1953. This contract transfers in fee the land above the 1052-foot contour elevation and includes an appurtenance that provides a recreation easement from the 1052-foot contour elevation to the waters of Norris Reservoir. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval. This parcel is undeveloped. It was placed in Zone 6 to support the backlying land use. Requests for public water use facilities will be considered. While not in direct view of the residential shoreline, this parcel's importance is in the natural setting it affords the lake user within this heavily developed area. Therefore, any development that occurs should be sensitive to this parcel's role as a visual resource.

Parcel 95

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	16.77
Feet of Shoreline:	2,121.57
Stream Location:	Cedar Creek mile 5R and 5L
Hydrologic Unit:	6-100
County:	Campbell
Water Use Facilities	No

This narrow riparian strip is located at the head of the Cedar Creek embayment and is occupied by a variety of forest communities. The most upstream area is predominantly a creek bottom dominated by bottomland hardwood (sycamore, ash, and box elder). Along the narrow strip of the right descending bank, topography is moderately steep and rocky, and is occupied by redcedar, pine, and hardwoods. The left descending bank is primarily upland hardwoods. Several state-listed plant species occur in similar habitat in the vicinity of this parcel: *S. wasiotense* (Kentucky rosinweed), *Meehania cordata* (Meehan mint), and *Thuja occidentalis* (northern white cedar). This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 96

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	13.57
Feet of Shoreline:	6,720.68
Stream Location:	Cedar Creek mile 4.3L
Hydrologic Unit:	6-100
County:	Campbell
Water Use Facilities	No

This parcel is typical of most marginal strip land that separates privately owned residential property from Norris Reservoir. The private property owners in this case do not have access rights to the water; therefore, this parcel was not placed in Zone 7. Typically these narrow strips of land consist of a mixture of riparian or wetland plant species near the water's edge and mixed hardwoods or pines in the upland areas. This parcel was placed in Zone 4 to conserve the shoreline vegetation zone. Requests for private water use facilities will not be considered.

Parcel 97

Allocation: Zone 6 - Developed Recreation
Acres: 0.64
Feet of Shoreline: 458.03
Stream Location: Cedar Creek mile 4.2L
Hydrologic Unit: 6-100
County: Campbell
Water Use Facilities Yes

This is one of 32 parcels transferred (Contract No. TV-14213A) to the Tennessee Wildlife Resources Agency in 1953. Because of the location and physical characteristics (steep and rocky) this parcel will probably never be developed. This contract transfers in fee the land above the 1052-foot contour elevation and includes an appurtenance that provides a recreation easement from the 1052-foot contour elevation to the waters of Norris Reservoir. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval. This parcel was placed in Zone 6 to support the backlying land use. Requests for public water use facilities will be considered.

Parcel 98

Allocation: Zone 7 - Residential Access
Acres: 19.47
Feet of Shoreline: 7,983.08
Stream Location: Cedar Creek mile 3.2L
Hydrologic Unit: 6-100
County: Campbell
Water Use Facilities Yes

This parcel is located along the northeastern shore (left bank) of the Cedar Creek embayment. There are no adjacent subdivisions, but current data show one permitted structure associated with this parcel. This parcel contains a TVA agricultural section (row crop) of approximately 2 acres. The TVA property line runs along the 1044-foot contour elevation. Reservoir fringe wetlands are listed at the head of Willoughby Hollow.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional private water use

facilities will be considered. Under the shoreline categorization system, this parcel has been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 99

Allocation: Zone 6 - Developed Recreation
Acres: 6.38
Feet of Shoreline: 2,024.24
Stream Location: Cedar Creek mile 2.0L
Hydrologic Unit: 6-100
County: Campbell
Water Use Facilities Yes

This is one of 32 parcels transferred (Contract No. TV-14213A) to the Tennessee Wildlife Resources Agency in 1953. This contract transfers in fee the land above the 1052-foot contour elevation and includes an appurtenance that provides a recreation easement from the 1052-foot contour elevation to the waters of Norris Reservoir. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval. This parcel is undeveloped. This parcel was placed in Zone 6 to support the backlying land use. Requests for public water use facilities will be considered.

Parcel 100

Allocation: Zone 6 - Developed Recreation
Acres: 5.89
Feet of Shoreline: 2,559.23
Stream Location: Powell River mile 8.6R
Hydrologic Unit: 6-100
County: Campbell
Water Use Facilities Yes

This is one of 32 parcels transferred (Contract No. TV-14213A) to the Tennessee Wildlife Resources Agency in 1953. This contract transfers in fee the land above the 1052-foot contour elevation and includes an appurtenance that provides a recreation easement from the 1052-foot contour elevation to the waters of Norris Reservoir. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval.

Currently used for informal recreation, the area is mowed, has several interior gravel roads, five to six make-shift fire rings, and an abandoned pit toilet. This parcel was placed in Zone 6 to support the current land use. Requests for public water use facilities will be considered.

Parcel 101

Allocation: Zone 4 - Natural Resource Conservation
Acres: 1.17
Feet of Shoreline: N/A
Stream Location: Powell River mile 8.5R
Hydrologic Unit: 6-100
County: Campbell
Water Use Facilities No

This parcel consist of two small sections located in Shelby Hollow Cove off the right descending bank of the Powell River arm of Norris Reservoir. Upland hardwood is the dominant forest cover on the western section, which is characterized by large, exposed rocks. The eastern section is adjacent to a county road and is a mixture of young forest growth and reverting old-fields. Aquatic beds and forested wetlands are located at the head of Shelby Hollow Cove. These relatively small areas can be important riparian habitats for wetland mammals, wading birds, migrant waterfowl, raptors, nesting wood ducks, and songbirds. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. Requests for private water use facilities will not be considered.

Parcel 102

Allocation: Zone 4 - Natural Resource Conservation
Acres: 4.93
Feet of Shoreline: 2,507.75
Stream Location: Powell River mile 9.6R
Hydrologic Unit: 6-100
County: Campbell
Water Use Facilities No

This parcel is a narrow riparian strip located along the western shore (right bank) of the Powell River arm of Norris Reservoir. Reservoir fringe wetlands exist along this parcel and are located in the head of the largest cove. There are no adjacent subdivisions, but current data show one permitted structure associated with this parcel. The TVA property line runs along the 1044-foot contour elevation.

Parcel 103

Allocation: Zone 4 - Natural Resource Conservation
Acres: 1,551.68
Feet of Shoreline: 114,937.76
Stream Location: Powell River mile 12.7R
Hydrologic Unit: 6-100
County: Campbell
Water Use Facilities No

The Davis Creek Management Unit (Unit) is situated along the right descending bank of the Powell River at mile 13, both sides of Davis Creek from the creek mouth to Powell River mile 7, and upstream along Doakes and Dossett Creeks, including three islands. A 25-year resource management plan and environmental assessment was completed on this Unit in January 2000. The approved Unit plan will result in long-term improvements in the quality of available wildlife habitats, improved forest management, and improved public access to Unit lands. Reestablishment and maintenance of property boundaries and publication of rules governing public access and use, will reduce the potential for conflicts between user groups and between users and adjacent property owners.

The Davis Creek Unit is a mosaic of ecological communities represented by hardwood (42 percent), mixed forest types (24 percent), managed open lands (22 percent), pine (8 percent), and redcedar (4 percent). Hardwoods total 659 acres in 41 stands and include upland, cove, and mixed (upland, cove, and northern mixtures) types which occupy 453, 9, and 197 acres, respectively. Mixed forest types are comprised of pine-cedar-hardwood and cedar-hardwood and occupy 371 acres in 22 stands. Managed open land includes 346 acres in 17 tracts that are licensed for agricultural use by TVA.

Aquatic beds and scrub-shrub areas are scattered along the island shorelines and at the northern end of the parcel in Powder Mill Hollow. Scrub-shrub and forested wetlands also exist near the southern end of this parcel between Powell River miles 12 and 13. These wetlands can be important riparian habitats for wetland mammals, wading birds, migrant waterfowl, raptors, nesting wood ducks, and songbirds. Islands are landforms that enhance the visual quality of the reservoir. They are focal points to the reservoir and should be managed to conserve visual amenities.

According to public questionnaire responses associated with the Unit plan, bank fishing is the dominant public use, followed closely by hunting, wildlife viewing, hiking, and camping. Most of the Unit can be accessed by county roads. The area receives some informal camping on the north side through boat access

This parcel was placed in Zone 4 to support the Unit plan objectives. Requests for water use facilities will not be considered. Powell Valley Resort has a license agreement (Contract No. 1020.24) for a sign on this parcel. A day marker, important for navigational reference, is located on this parcel. Day markers are important for navigational reference. Neither the day marker nor the sign will interfere with Zone 4 activities.

Parcel 104

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	6.53
Feet of Shoreline:	3,690.14
Stream Location:	Powell River mile 12.9R
Hydrologic Unit:	6-100
County:	Campbell
Water Use Facilities	No

This parcel is typical of most marginal strip land that separates privately owned residential property from Norris Reservoir. The private property owners in this case do not have access rights to the water; therefore, this parcel was not placed in Zone 7. Typically, these narrow strips of land consist of a mixture of riparian or wetland plant species near the water's edge and mixed hardwoods or pines in the upland areas. This parcel was placed in Zone 4 to conserve the shoreline vegetation zone. Requests for private water use facilities will not be considered.

Parcel 105

Allocation: Zone 7 - Residential Access
Acres: 72.45
Feet of Shoreline: 19,963.09
Stream Location: Davis Creek mile 1R
Hydrologic Unit: 6-100
County: Campbell
Water Use Facilities Yes

This parcel is located along the western side of the Davis Creek embayment (right bank), fronting Norris Pointe Subdivision (Phases 1, 2, 3, 4 and 5). Davis Creek enters the Powell River arm of Norris Reservoir from the north at Powell River mile 12. Current data show 61 permitted structures associated with this parcel. The TVA property line runs along the 1044-foot contour elevation. Reservoir fringe wetlands exist in several small secondary coves and near the end of this parcel where several high water islands exist.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backing property developed for residential use. Requests for additional private water use facilities will be considered. Under the shoreline categorization system, the shoreline of this parcel has been placed in two categories. Segments categorized as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining segments of shoreline in this parcel have been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 106

Allocation: Zone 4 - Natural Resource Conservation
Acres: 0.59
Feet of Shoreline: N/A
Stream Location: Davis Creek mile 1.8R
Hydrologic Unit: 6-100
County: Campbell
Water Use Facilities No

This small parcel is located west of the Davis Creek embayment. This parcel is landlocked and is bisected by a county road. The western side of the road appears to a reverted old-field that is fenced; the eastern side is a bottom that is occupied by bottomland hardwood. Portions of this area have been excavated recently for a road, possibly from logging. Scrub-shrub and forested wetlands are located in the head of the hollow on the western side of Davis Creek between Davis Creek mile 1 and 2. This area can be important riparian habitats for wetland mammals, wading birds, migrant waterfowl, raptors, nesting wood ducks, and songbirds. This parcel was placed in Zone 4 to conserve important wildlife habitat.

Parcel 107

Allocation:	Zone 6 - Developed Recreation
Acres:	3.04
Feet of Shoreline:	267.64
Stream Location:	Davis Creek mile 5R
Hydrologic Unit:	6-100 and 6-110
County:	Campbell
Water Use Facilities	Yes

This parcel is one of 27 tracts transferred (Contract No. TV-18703A) to the Tennessee Wildlife Resources Agency in 1958. The contract transfers in fee the land above the 1052-foot contour elevation and provides a recreation easement from the 1052-foot contour elevation to the waters of Norris Reservoir. Certain recreation facilities were approved at the 1020-foot contour elevation, and other recreation facilities and infrastructure were approved above the 1034-foot contour elevation. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval.

There is an interior gravel road, two gravel parking lots that will accommodate five vehicles and boat trailers each, and a gravel launching ramp that is not useable below the 1000-foot contour elevation. This parcel was placed in Zone 6 to reflect the current land use. Requests for additional public water use facilities will be considered.

Parcel 108

Allocation:	Zone 7 - Residential Access
Acres:	8.75
Feet of Shoreline:	4,049.36
Stream Location:	Davis Creek mile 5R
Hydrologic Unit:	6-100
County:	Campbell
Water Use Facilities	Yes

This parcel is located near the head of the Davis Creek embayment on both sides of Powell Valley Resort, fronting Rogers Dock Subdivision. Davis Creek enters the Powell River arm of

Norris Reservoir at approximately Powell River mile 12. Current data show 18 permitted structures associated with this parcel. The TVA property line runs along the 1044-foot contour elevation. Reservoir fringe wetlands exist on both parcel sections near the marina area.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional private water use facilities will be considered. Under the shoreline categorization system, this parcel has been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 109

Allocation:	Zone 6 - Developed Recreation
Acres:	19.22
Feet of Shoreline:	4,492.77
Stream Location:	Davis Creek mile 4.3R
Hydrologic Unit:	6-100
County:	Campbell
Water Use Facilities	Yes

Powell Valley Resort is located on this parcel fronting a Section 4(k)(a) sale parcel. Powell Valley Resort has a nonfee license agreement from the 1044-foot contour elevation, and also has a fee license agreement (Contract No. TV-1020.24) for a sign on Parcel 103. There is a day marker, important for navigational reference, located on this parcel. . This day marker does not interfere with Zone 6 activities. This parcel was placed in Zone 6 to support the backlying land use. Request for public water use facilities will be considered.

Parcel 110

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	48.46
Feet of Shoreline:	5,560.24
Stream Location:	Davis Creek mile 4.5R
Hydrologic Unit:	6-100
County:	Campbell
Water Use Facilities	No

This parcel is known as Doakes Pond and is closely associated with the Davis Creek Unit. It is, however, a separate area, licensed to the Tennessee Wildlife Resources Agency for the purposes of rearing fish. After the construction of Norris Reservoir, TVA constructed a fish hatchery below Norris Dam for the purposes of stocking the reservoir. The hatchling fish were collected

from the hatchery and transferred to a series of rearing ponds located around Norris Reservoir. Doakes Dam was constructed by the Civilian Conservation Corps in 1938. The Doakes Creek Dam and fish rearing pool is the only one of five originally built on Norris Reservoir still in operation and used to rear fish. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation and visual resources. Requests for water use facilities will not be considered.

Parcel 111

Allocation: Zone 4 - Natural Resource Conservation
Acres: 0.18
Feet of Shoreline: N/A
Stream Location: N/A
Hydrologic Unit: 6-100
County: Campbell
Water Use Facilities No

This small parcel is located north of old Highway 63, and is surrounded by residential property. It is fronted by private property that TVA retained flowage rights across, and is currently being allowed to return to a natural state by TVA through natural succession. These small pockets of habitat can be critical to wildlife in areas where most of the natural habitat has been converted to residential or agricultural uses.

Parcel 112

Allocation: Zone 6 - Developed Recreation
Acres: 5.68
Feet of Shoreline: 1,508.52
Stream Location: Davis Creek mile 6.2R
Hydrologic Unit: 6-100
County: Campbell
Water Use Facilities Yes

This parcel is a small peninsula in the upper reaches of the Davis Creek embayment. It is an access area licensed to the Tennessee Wildlife Resources Agency. Formerly, Powell Valley Conservation League had a license agreement (Contract No. TV-21468A) for a shooting range, from June 1959 until it expired in April 1983. This parcel has a gravel parking lot that will accommodate approximately 30 vehicles and boat trailers, lights, and concrete launching ramp to the 990-foot contour elevation. This parcel was placed in Zone 6 to reflect the current land use. Requests for additional public water use facilities will be considered.

Parcel 113

Allocation: Zone 4 - Natural Resource Conservation
Acres: 3.07
Feet of Shoreline: 2,312.43
Stream Location: Davis Creek mile 6 (Island)
Hydrologic Unit: 6-100
County: Campbell
Water Use Facilities No

Two small islands comprise this parcel, which was not included in the Davis Creek Unit Plan. The western island is characterized by rocky terrain and is occupied by upland hardwood (hickory, white ash, chinkapin oak, and scarlet oak) and scattered redcedar. Because of the elevation and frequent inundation the eastern island is mostly open. Islands can be important riparian habitats for wetland mammals, wading birds, migrant waterfowl, raptors, nesting wood ducks, and songbirds. They are also landforms that enhance the visual quality of the reservoir, serving as focal points. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation and visual resources. Requests for water use facilities will not be considered.

Parcel 114

Allocation: Zone 4 - Natural Resource Conservation
Acres: 8.69
Feet of Shoreline: N/A
Stream Location: N/A
Hydrologic Unit: 6-110
County: Campbell and Claiborne
Water Use Facilities No

The three sections of this parcel are (1) riparian strips along both sides of Davis Creek that were purchased for flood storage to the 1044-foot contour elevation. Access is only available on the eastern segment; (2) this section has a road to a private residence, a spring house, and is being grazed without TVA approval; and (3) the eastern section is characterized by poor, rocky site quality and has scattered redcedar and hardwood. Upland hardwood occupies the northern section and a large portion of the western section. Some parts of the western section are open and grazed. This parcel was placed in Zone 4 to conserve wildlife habitat and the shoreline vegetation zone. Requests for water use facilities will not be considered.

Parcel 115

Allocation: Zone 6 - Developed Recreation
Acres: 2.49
Feet of Shoreline: 1,263.50
Stream Location: Davis Creek 3.5L
Hydrologic Unit: 6-100
County: Campbell
Water Use Facilities Yes

This is one of 32 parcels transferred (Contract No. TV-14213A) to the Tennessee Wildlife Resources Agency in 1953. This contract transfers in fee the land above the 1052-foot contour elevation and includes an appurtenance that provides a recreation easement from the 1052-foot contour elevation to the waters of Norris Reservoir. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval. This parcel is undeveloped and does not have land access. It was placed in Zone 6 to support the backlying land use. Requests for public water use facilities will be considered.

Parcel 116

Allocation: Zone 4 - Natural Resource Conservation
Acres: 5.15
Feet of Shoreline: 631.81
Stream Location: Powell River mile 18.1R
Hydrologic Unit: 6-090
County: Campbell
Water Use Facilities No

This parcel was once conveyed to TWRA but has been reconveyed to TVA. TVA has no further plans to use this parcel for developed recreation. Vegetation is consistent with narrow strip shoreline areas with a mix of some riparian species of trees and other plants and a mix of upland hardwoods and pines. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. Requests for private water use facilities will not be considered.

Parcel 117

Allocation: Zone 7 - Residential Access
Acres: 9.71
Feet of Shoreline: 4,596.74
Stream Location: Powell River mile 18.8R
Hydrologic Unit: 6-090
County: Campbell
Water Use Facilities Yes

This parcel is located along the northern bank (right bank) of the Powell River section of Norris Reservoir. There are no adjacent subdivisions, but current data show 19 permitted structures associated with this parcel. The TVA property line runs along the 1044-foot contour elevation. Reservoir fringe wetlands exist in a small cove near the center of this parcel.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional private water use facilities will be considered. Under the shoreline categorization system, the shoreline of this parcel has been placed in two categories. Segments categorized as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining segments of shoreline in this parcel have been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 118

Allocation: Zone 6 - Developed Recreation
Acres: 6.59
Feet of Shoreline: 4,632.46
Stream Location: Powell River mile 19.4R
Hydrologic Unit: 6-090
County: Campbell
Water Use Facilities: Yes

Flat Hollow Marina is located on this parcel. This marina has a fee license (Contract No. TV-99372V) for 3 acres below the 1044-foot contour elevation and 3,450 linear feet of mooring rights which define the harbor limits and provide space for parking. This parcel was placed in Zone 6 to reflect the current land use. Requests for additional commercial or public water use facilities will be considered.

Parcel 119

Allocation: Zone 7 - Residential Access
Acres: 7.50
Feet of Shoreline: 4,466.33
Stream Location: Powell River mile 19.5R
Hydrologic Unit: 6-090
County: Campbell
Water Use Facilities: Yes

This parcel is located on the west side of the mouth of Blue Springs Hollow Cove. Blue Springs Hollow Cove joins the Powell River arm (right bank) of Norris Reservoir at approximately Powell River mile 25.5. It is adjacent to no subdivisions, but current data show there are five permitted structures associated with this parcel. The TVA property line runs along the 1044-foot contour elevation. Reservoir fringe wetlands exist currently in one cove along the western shore of Blue Springs Hollow.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional private water use facilities will be considered. Under the shoreline categorization system, the shoreline of this parcel has been placed in two categories. Segments categorized as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining segments of shoreline in this parcel have been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 120

Allocation: Zone 4 - Natural Resource Conservation
Acres: 15.76
Feet of Shoreline: 5,063.90
Stream Location: Powell River mile 19.5
Hydrologic Unit: 6-090
County: Campbell
Water Use Facilities No

This parcel is typical of most marginal strip land that separates privately owned residential property from Norris Reservoir. The private property owners in this case do not have access rights to the water; therefore, this parcel was not placed in Zone 7. Typically these narrow strip lands consist of a mixture of riparian or wetland plant species near the water's edge and mixed hardwoods or pines in the upland areas. This parcel was placed in Zone 4 to conserve the shoreline vegetation zone. Requests for private water use facilities will not be considered.

Parcel 121

Allocation: Zone 4 - Natural Resource Conservation
Acres: 2,147.02
Feet of Shoreline: 85,548.66
Stream Location: Powell River mile 22R
Hydrologic Unit: 6-090 and 6-110
County: Campbell and Union
Water Use Facilities No

The Fullerton Bend Unit is situated along both sides of the Powell River from mile 20 to mile 30. A 25-year resource management plan and environmental assessment was completed on this Fullerton Bend Unit in January 2001. The approved plan will result in long-term improvements in the quality of available wildlife habitat, forest management, and public access to the Fullerton Bend Unit. Reestablishment and maintenance of property boundaries, and publication of rules governing public access and use, will reduce the potential for conflicts between user groups and between users and adjacent property owners.

The Fullerton Bend Unit is occupied by a diversity of ecological communities which include hardwood (69 percent), mixed forest (22 percent), pine (7 percent), and managed open lands (2 percent). More specifically, hardwood includes upland, cove, northern, and mixed (upland, cove, and northern mixtures) types on 1,210, 171, 16, and 298 acres, respectively. Mixed forest communities (pine-cedar-hardwood, cedar-hardwood, pine-hardwood, and cedar-pine) occupy 558 acres in 26 stands and pine (shortleaf, loblolly, Virginia, and white) is found on 178 acres.

According to stakeholder questionnaires associated with the resource management plan, bank fishing is the dominant public use on the Fullerton Bend Unit, followed closely by hunting, wildlife viewing, hiking, and camping. Most of the Fullerton Bend Unit can be accessed by the public from county roads. In 1997 a road was constructed across private land, where TVA had retained a right of ingress and egress (Tract No. XNR-391), to access the Fullerton Bend section of the unit. This road provides TVA access to the Fullerton Bend Unit to conduct management activities.

This parcel was placed in Zone 4 to support the Fullerton Bend Unit Plan objectives. Requests for water use facilities will not be considered.

Parcel 122

Allocation:	Zone 3 - Sensitive Resource Management
	<ul style="list-style-type: none">• Heritage• Stiners Woods TVA Small Wild Area
Acres:	57.37
Feet of Shoreline:	7,700.02
Stream Location:	Powell River mile 30L
Hydrologic Unit:	6-090 and 6-110
County:	Union
Water Use Facilities	No

Stiners Woods TVA Small Wild Area is a beech dominated mixed mesophytic forest. This area is of historical significant because of carvings on several of the beech trees. In addition, the area provides habitat for an active vulture roost. This parcel was placed in Zone 3 to protect these sensitive resources. Informal use of Stiner's Wood will continued to be allowed, to the extent that it does not negatively impact resources that Zone 3 is designed to protect. Requests for water use facilities will not be considered.

Parcel 123

Allocation: Zone 3 - Sensitive Resource Management

- Heritage
- Monks Corner TVA Small Wild Area

Acres: 145.11

Feet of Shoreline: 3,525.32

Stream Location: Powell River mile 27.5L

Hydrologic Unit: 6-090 and 6-110

County: Union

Water Use Facilities No

Monks Corner TVA Small Wild Area, located on this parcel, lies adjacent to the Chuck Swan Wildlife Management Area. This parcel includes upland hardwoods on saw-back ridges with numerous limestone outcrops. Numerous spring and fall wildflowers can be found at Monks Corner. Recreation opportunities include hiking trails and limited primitive camping. This parcel was placed in Zone 3 to protect these sensitive resources. Informal use of Monk's Corner will continued to be allowed, to the extent that it does not negatively impact resources Zone 3 is designed to protect. Requests for water use facilities will not be considered.

Parcel 124

Allocation: Zone 6 - Developed Recreation

Acres: 7.40

Feet of Shoreline: 6,814.18

Stream Location: Powell River mile 25.7R

Hydrologic Unit: 6-090

County: Union

Water Use Facilities Yes

This parcel is located along both sides Blue Springs Hollow embayment at the mouth of creek. Blue Springs Boat Dock is located on the right bank on this parcel. Blue Springs Boat Dock has a nonfee license from the 1034-foot contour elevation. A fee for use of this land will not be charged until the marina ownership changes. This parcel was placed in Zone 6 to reflect the current land use. Requests for additional commercial or public water use facilities will be considered.

Parcel 125

Allocation: Zone 7 - Residential Access

Acres: 8.84

Feet of Shoreline: 5,069.23

Stream Location: Powell River mile 25.7R

Hydrologic Unit: 6-090

County: Union

Water Use Facilities Yes

This parcel is located along both sides of Blue Springs Hollow Cove which is along the northern bank of the Powell River arm (right bank) of Norris Reservoir, adjacent to Blue Springs Hollow Subdivision. Current data show two permitted structures associated with this parcel. The TVA property line runs along the 1034-foot contour elevation. Reservoir fringe wetlands exist in secondary coves near the head and western sides of the main cove.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional water use facilities will be considered. Under the shoreline categorization system, this parcel has been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 126

Allocation:	Zone 7 - Residential Access
Acres:	4.34
Feet of Shoreline:	4,416.77
Stream Location:	Powell River mile 29.8R
Hydrologic Unit:	6-090
County:	Union
Water Use Facilities	Yes

This parcel is located along the northern shore (right bank) of the Powell River arm of Norris Reservoir. There are no reservoir fringe wetlands or adjacent subdivisions along this shoreline, and current data show no permitted structures on this parcel. The TVA property line follows the 1044-foot contour elevation.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional water use facilities will be considered. Under the shoreline categorization system, the shoreline of this parcel has been placed in two categories. Segments categorized as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining segments of shoreline in this parcel have been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 127

Allocation: Zone 6 - Developed Recreation
Acres: 9.43
Feet of Shoreline: 6,585.7482
Stream Location: Powell River mile 29.9R
Hydrologic Unit: 6-090
County: Union
Water Use Facilities Yes

This parcel is located at the mouth of Straight Branch, on the right descending bank and on the mainstem of the Powell River arm, upstream of the mouth of Davis Creek. Union County Boat Dock is located on both portions of this parcel. A fee license agreement includes 3.8 acres and 5,280 linear feet of mooring rights for commercial recreation and defines the harbor limits. . This parcel was placed in Zone 6 to reflect the current land use. Requests for commercial or public water use facilities will be considered.

Parcel 128

Allocation: Zone 3 - Sensitive Resource Management
• Wetland
Acres: 2.41
Feet of Shoreline: N/A
Stream Location: Powell River mile 29.9R
Hydrologic Unit: 6-090
County: Union
Water Use Facilities No

Bisected by Straight Branch and Suttle's Ridge Road, this small parcel is a creek bottom in various stages of reversion. Much of the lower half has been inundated by beavers in the past, but is currently open. Wetland vegetation is present on this portion, primarily willow, with scouring rush and various sedges. The area above the road has been mowed or cut to control woody vegetation. A fringe of hardwood and scattered redcedar occupies the drier areas. This parcel was placed in Zone 3 to protect these sensitive resources. Requests for water use facilities will not be considered. The upper portion has outstanding watering rights.

Parcel 129

Allocation: Zone 7 - Residential Access
Acres: 12.59
Feet of Shoreline: 9,865.02
Stream Location: Powell River mile 29.9R
Hydrologic Unit: 6-090
County: Union
Water Use Facilities Yes

This parcel is located along both banks of the Straight Branch embayment north of the Powell River arm of Norris Reservoir. There are no adjacent subdivisions, but current data show 12 permitted structures associated with this parcel. The TVA property line runs along the 1034-foot contour elevation. Reservoir fringe wetlands exist in the head of Straight Branch Cove and at a secondary cove on the eastern side of Straight Branch Cove.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for water use facilities will be considered. Under the shoreline categorization system, the shoreline of this parcel has been placed in two categories. Segments categorized as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining segments of shoreline in this parcel have been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 130

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	6.65
Feet of Shoreline:	6,746.19
Stream Location:	Powell River mile 31.2R
Hydrologic Unit:	6-090
County:	Union
Water Use Facilities	No

This parcel is typical of most marginal strip land that separates privately owned residential property from Norris Reservoir. The private property owners in this case do not have access rights to the water; therefore, this parcel was not placed in Zone 7. Typically these narrow strip lands consist of a mixture of riparian or wetland plant species near the water's edge and mixed hardwoods or pines in the upland areas. This parcel was placed in Zone 4 to conserve the shoreline vegetation zone. Requests for private water use facilities will not be considered.

Parcel 131

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	491.13
Feet of Shoreline:	17,294.11
Stream Location:	Powell River mile 32.6R
Hydrologic Unit:	6-090
County:	Claiborne and Union
Water Use facilities	No

This large parcel exhibits a unique variation in steep landforms with a mix of large hardwoods intermingled with patches of cedar and pine. Over three-fourths of this parcel was selectively harvested in the mid—1970s, leaving very sparse stands of sawtimber-size beech, hickory, chestnut oak, white oak, and black oak. These stands are now basically two-aged, with a 30-year old pole-size component that developed after harvest and the older canopy that exceeds 90 years old. The younger component is composed of primarily shade-tolerant species, including red maple, beech, sugar maple, and hickory. Upland hardwood, that developed on old-fields, dominates the remainder of this parcel. Some of these are former Virginia pine stands that were killed by beetle infestations in the mid—1970s. Pole and sawtimber yellow poplar, hickory, red maple, and beech occupy these areas. TVA retained a right of ingress and egress across Tract Nos. XNR-374 and -375 to access this parcel; however, there is no developed road. Access to this parcel is now facilitated from a road that crosses private property and enters the TVA property at a point along the ridge top on the northeastern property line. Local residents claim that the court has deemed this the TVA road access and have prevented the private property owner from closing the road in the past. The public accesses this parcel from this road and uses the area for hunting, camping, bank fishing, and all-terrain vehicle use. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 132

Allocation: Zone 3 - Sensitive Resource Management
 • Visual
Acres: 167.95
Feet of Shoreline: 12,834.73
Stream Location: Powell River mile 34.4R
Hydrologic Unit: 6-090
County: Claiborne and Union
Water Use Facilities No

This parcel is a wide riparian strip that includes Williams Hollow embayment and the toe of Cooper Ridge. The northwestern half of this parcel is upland and cove hardwood that was selectively harvested in the mid—1970s, leaving a sparsely stocked stand of yellow poplar, sugar maple, and hickory. This area is now primarily a two-aged stand of 30-year old, pole-size beech, yellow-poplar, sugar maple, and hickory which developed after harvest and the over story which exceeds 90-years old. The southwestern fourth is a steep, rocky bluff that is occupied by redcedar, chinkapin oak, and hickory. Well-stocked upland hardwood dominates the eastern segment with large sawtimber yellow poplar, black oak, and hickory. A small area is a former pine stand that has been killed by beetles and is regenerating to hardwood. TVA retained a right of ingress and egress across Tract Nos. XNR-374 and -375 to access the western segment, although no developed road is present, and a road right-of-way to the eastern portion across Tract No. XNR-372. This area is difficult to locate and access by road. Public use is limited to reservoir camping, hunting, and bank fishing.

Aquatic beds, scrub-shrub, and forested wetlands are located along the right bank of the Powell River from mile 32 to mile 33; scrub-shrub and forested wetlands are located in Williams Hollow at Powell River mile 34.5; and scrub-shrub areas are located near Powell River mile 35. Along with Parcel 157 on the opposite shore, this parcel forms a narrow scenic corridor along Norris Reservoir's Powell River arm. This parcel was placed in Zone 3 to protect these sensitive resources. Requests for water use facilities will not be considered.

Parcel 133

Allocation: Zone 4 - Natural Resource Conservation
Acres: 11.08
Feet of Shoreline: 8,618.069
Stream Location: Powell River mile 36R
Hydrologic Unit: 6-090
County: Claiborne
Water Use facilities: No

Following the shoreline from the east side of Cooper Ridge to the west side of Jones Ridge, this parcel is typical of most marginal strip land. It separates privately owned residential property from Norris Reservoir. The private property owners in this case do not have access rights to the water; therefore, this parcel was not placed in Zone 7. Typically, these narrow strip lands can consist of a mixture of riparian or wetland plant species near the water's edge and mixed hardwoods or pines in the upland areas. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 134

Allocation: Zone 4 - Natural Resource Conservation
Acres: 8.54
Feet of Shoreline: 3,033.95
Stream Location: Powell River mile 37R
Hydrologic Unit: 6-090
County: Claiborne
Water Use Facilities: No

Upland hardwood and redcedar occupy this parcel, which is located in Wilson Bend. TVA retained a road right-of-way across Tract No. XNR-711 and a right of ingress and egress across Tract No. XNR-371 to access this parcel. The water fronting this parcel is designated critical habitat for the yellowfin madtom. There are aquatic beds, scrub-shrub, and forested wetlands located on the right bank at Powell River mile 37.5 and scrub-shrub and forested wetlands are located at Powell River mile 36.5

This area can be important riparian habitat for wetland mammals, wading birds, migrant waterfowl, raptors, nesting wood ducks, and songbirds. Also, it provides good informal recreation opportunities; however, road access is poor. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 135

Allocation: Zone 4 - Natural Resource Conservation
Acres: 8.19
Feet of Shoreline: 11,654.82
Stream Location: Powell River mile 39R
Hydrologic Unit: 6-090
County: Claiborne
Water Use Facilities No

This parcel is a narrow riparian strip stretching from Sharp Hollow to Wilson Bend. Typical of most marginal strip land, it separates privately owned residential property from Norris Reservoir. The private property owners, in this case, do not have access rights to the water; therefore, this parcel was not placed in Zone 7. Typically these narrow strip lands can consist of a mixture of riparian or wetland plant species near the water's edge and mixed hardwoods or pines in the upland areas. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 136

Allocation: Zone 4 - Natural Resource Conservation
Acres: 6.25
Feet of Shoreline: 2,192.15
Stream Location: Powell River mile 39.9R
Hydrologic Unit: 6-090
County: Claiborne
Water Use Facilities No

This parcel is a narrow riparian strip between Dry Hollow and Sharp Hollow. Upland hardwood, with a pine-cedar component on the southern end, are dominant. TVA retained a road right-of-way and a right of ingress and egress across Tract No. XNR-369 and a right of ingress and egress across Tract No. XNR-370 to access this parcel. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 137

Allocation: Zone 3 - Sensitive Resource Management
• Visual
Acres: 62.46
Feet of Shoreline: 3,788.49
Stream Location: Powell River mile 40.2R
Hydrologic Unit: 6-090
County: Claiborne
Water Use Facilities No

The western two-thirds of this parcel is in upland and cove hardwood cover that is dominated by large sawtimber yellow poplar, chinkapin oak, white ash, and sugar maple. Steep, rocky site conditions characterize the northeast third and the southern tip. These areas are occupied by redcedar, chinkapin oak, and sugar maple. TVA retained a road right-of-way and a right of ingress and egress across Tract No. XNR-369 to access this parcel. This parcel exhibits a high rock bluff that enhances the scenic quality of this portion of Norris Reservoir. It receives little public use because of its isolated location. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 138

Allocation: Zone 4 - Natural Resource Conservation
Acres: 1.09
Feet of Shoreline: N/A
Stream Location: Powell River mile 41R
Hydrologic Unit: 6-090
County: Claiborne
Water Use Facilities No

This small, isolated parcel is adjacent to a private driveway at the head of the Sugar Hollow embayment. It is occupied by pole-size sycamore, elm, and black walnut. This parcel was placed in Zone 4 to conserve wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 139

Allocation: Zone 7 - Residential Access
Acres: 14.30
Feet of Shoreline: 9,961.48
Stream Location: Powell River mile 40.8R
Hydrologic Unit: 6-090
County: Claiborne
Water Use Facilities Yes

This parcel is located at the northern bank and upper reaches of the Powell River arm of Norris Reservoir around the shore of both Sugar and Greasy Hollow. There are no adjacent subdivisions, and current data show only one permitted structure associated with this parcel. The TVA property line runs along the 1044-foot contour elevation. Several areas of reservoir fringe wetlands exist in the small coves of Greasy Hollow and along the main channel of the Powell River.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional water use facilities will be considered. Under the shoreline categorization system, this parcel has been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 140

Allocation: Zone 6 - Developed Recreation
Acres: 0.52
Feet of Shoreline: 763.67
Stream Location: Powell River mile 41R
Hydrologic Unit: 6-090
County: Claiborne
Water Use Facilities Yes

Greasy Hollow Boat Dock is located on this parcel. The current marina owners are in the process of deciding whether to subdivide the backlying land or to remain open as a marina. This is a fee license from the 1034-foot contour elevation, defining the harbor limits of the marina. This parcel was placed in Zone 6 to reflect the current land use. Requests for commercial or public (but not private) water use facilities will be considered.

Parcel 141

Allocation: Zone 4 - Natural Resource Conservation
Acres: 109.32
Feet of Shoreline: 21,123.43
Stream Location: Powell River mile 42R
Hydrologic Unit: 6-090
County: Claiborne
Water Use Facilities No

This parcel is a riparian strip stretching from Hickory Hollow to Greasy Hollow. It is best described in three sections:

Section 1: This section is the southernmost area of this parcel. This riparian strip includes a variety of ecological communities. About half is former fields that reverted to Virginia, shortleaf, and pitch pine; much of this has since been killed by beetles and is now predominantly pole-size hardwood. A northern hardwood stand with a diverse assemblage of wildflowers, occupies the north-facing slope on the middle segment. Various-size upland hardwood dominates the remainder of the forest cover. TVA retained a right of ingress and egress over Tract Nos. XNR-436 and -438 to access this parcel. Public use is minimal due of the lack of public access.

Section 2: This section is the central area of this parcel. Most of this section was in agricultural use at the time of TVA purchase and reverted to Virginia and shortleaf pine, redcedar, yellow poplar, and hickory. These stands are poor quality, but provide good wildlife habitat. On the southern end of this section there is an one-acre agricultural license (NR-CB-39) for row crops. TVA retained a right of ingress and egress over Tract Nos. XNR-435 and -436. Public use is minimal due to the lack of access.

Section 3: This section is the northernmost area of this parcel. Cove and northern hardwood occupy this section with large sawtimber yellow poplar, sugar maple, white ash, and chinkapin oak. A diverse assemblage of wildflowers are present on this steep section. TVA apparently retained no legal access to this section. Little public use occurs.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation, and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered. A day marker, important for navigational reference, is located on this parcel. Day markers are important for navigational reference. This day marker does not interfere with Zone 4 activities.

Parcel 142

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	6.29
Feet of Shoreline:	248.49
Stream Location:	Powell River mile 43.4R
Hydrologic Unit:	6-090
County:	Claiborne
Water Use Facilities	No

This parcel, located at the head of Long Hollow, is typical of most marginal strip land. It separates privately owned residential property from Norris Reservoir. The private property owners in this case do not have access rights to the water; therefore, this parcel was not placed in Zone 7. Typically these narrow strip lands can consist of a mixture of riparian or wetland plant species near the water's edge and mixed hardwoods or pines in the upland areas. Reservoir

fringe wetlands do exist along this parcel. This parcel was placed in Zone 4 to conserve wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 143

Allocation: Zone 4 - Natural Resource Conservation
Acres: 145.19
Feet of Shoreline: 2,320.16
Stream Location: Powell River mile 49R
Hydrologic Unit: 6-060
County: Claiborne
Water Use Facilities No

This parcel, known as Earl's Hollow, is characterized by moderate to steep topography with the eastern half sloping to the Powell River. All but a small old-field area of pine-hardwood is in upland and cove hardwood forest cover. Cove hardwood occupies the north-facing slopes and drains, and ranges from pole size to large sawtimber. It is dominated by yellow poplar, northern red oak, hickory, and chestnut oak. Large sawtimber upland hardwood is found on the south- and west-facing aspects which are generally lower in site quality. Black oak, white oak, chestnut oak, and hickory are the most common canopy species and most exceed 100 years of age. Approximately 32 acres were harvested in 1992 and is regenerating to similar species. The adjacent landowner (former TVA property that was sold as Tract No. XNR-429) was deeded a right-of-way across a short section of an existing road on this parcel (from the county road at TVA corner ML 109-4 to ML 109-2) to access their property. This road is the main access to this parcel; however, a short section is located off TVA public land on the adjacent private property (Tract No. XNR-429), where TVA retained no legal right-of-way. If the landowner ever objects to this use by TVA, the road could be moved entirely to TVA property. This parcel receives public use primarily for hunting.

Historical records indicate that the water fronting this parcel is designated critical habitat for slender chub and yellowfin madtom. Historical records also list the tangerine darter, fine-rayed pigtoe, dromedary pearlymussel, shiny pigtoe pearlymussel, and birdwing pearlymussel as having been found in water fronting this parcel. Aquatic beds, scrub-shrub, and forested wetlands are located along the right bank of the Powell River from mile 48 to 49. TVA's Resource Stewardship has been involved in habitat enhancement projects on this parcel. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation, and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 144

Allocation:	Zone 6 - Developed Recreation
Acres:	4.10
Feet of Shoreline:	1,158.02
Stream Location:	Powell River mile 49.2
Hydrologic Unit:	6-060
County:	Claiborne
Water Use Facilities	Yes

This parcel is known as Earl's Hollow. It is one of 32 parcels transferred (Contract No. TV-14213A) to the Tennessee Wildlife Resources Agency in 1953. This contract transfers in fee the land above the 1052-foot contour elevation and includes appurtenance that provides a recreation easement from the 1052-foot contour elevation to the water.. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval. There is a Tennessee Wildlife Resources Agency parking lot that will accommodate five vehicles and boat trailers and a concrete launching ramp on this parcel. This area is bushhogged two to three times per year. This parcel was placed in Zone 6 to reflect the current land use. Requests for additional public water use facilities will be considered.

Parcel 145

Allocation:	Zone 3 - Sensitive Resource Management <ul style="list-style-type: none">• Heritage (plants, animals)• Gap Creek Bluffs TVA Habitat Protection Area• Visual
Acres:	67.71
Feet of Shoreline:	4,136.55
Stream Location:	Powell River mile 55R
Hydrologic Unit:	6-060
County:	Claiborne
Water Use Facilities	No

This parcel is on both sides of Gap Creek. It is composed almost entirely of steep rock bluff and is one of the most scenic views in this portion of Norris Reservoir. It is best described in two sections.

Section 1: This section is the western area of this parcel. Upland and cove hardwood occupy this section of this parcel which is situated on a moderately steep slope with rocky terrain. Various size white ash, yellow poplar, sugar maple, and chinkapin oak are the dominant species. A fairly diverse assemblage of wildflowers are present at various times of the year. TVA retained a road right-of-way across Tract No. XNR-418 to access this section of this parcel. The area receives moderate use for bank fishing.

Section 2: Most of this section is situated on steep, south- and west-facing slopes with shallow, rocky soils of low productivity. Forest cover is dominated by pole-size oak, hickory, white ash, sugar maple, and redcedar that exceeds 80 years of age. A narrow strip on the northwestern end is a riparian area with sycamore, yellow poplar, sugar maple, and cucumbertree and a pocket of large sawtimber oaks, hickory, and beech occupies a small area on the northwestern corner. This section is accessed by a county road from the northwest and is bisected by a railroad which crosses the river at this point. Public use for bank fishing, camping, and river access are moderately heavy along the Powell River. Abuse and dumping have caused problems in the past.

This parcel was placed in Zone 3 due to the presence of two Tennessee state-listed threatened plants, which were observed during surveys; one Tennessee state-listed special concern plant, which also occurs on this parcel; one Tennessee state-listed in need of management mammal, which has been confirmed on this parcel; and special visual amenities. Because of the presence of rare species, a portion of this parcel has been designated as the **Gap Creek Bluffs TVA Habitat Protection Area**. It is composed almost entirely of steep rock bluff, and is one of the most scenic views in this portion of Norris Reservoir. Requests for water use facilities will not be considered.

Parcel 146

Allocation:	Zone 3 - Sensitive Resource Management
	<ul style="list-style-type: none"> • Heritage (plants) • Visual
Acres:	216.10
Feet of Shoreline:	13,393.06
Stream Location:	Powell River mile 55L
Hydrologic Unit:	6-060
County:	Claiborne
Water Use Facilities	No

This parcel, known as Lonesome Valley Boot, is traversed by the former Southern Railroad rail line along the western border. This parcel is a large steep ridge-land and forms a peninsula in a narrow winding neck of the Powell River. Over 80 percent of this parcel is in hardwood forest cover, including upland, cove, northern, and bottomland types. Northern and upland hardwood occupy a north-facing slope on the northern end and is primarily small sawtimber northern red oak, sugar maple, yellow poplar, beech, and hickory with a black birch component. Upland hardwood comprises the eastern third, which is a steep slope with white ash, sugar maple, hickory, and chinkapin oak. The remainder of this parcel is a mosaic of small stands of cedar-hardwood, pine-hardwood, Virginia pine, and mixed and upland hardwood. Approximately 50 acres of this is the result of reversion on abandoned pastures. Wildfire has been common on this parcel in the past, possibly from the railroad; fire scarred and damaged trees are present in all types. TVA retained road rights-of-way across Tract Nos. XNR-414, -415, and -416 to access this parcel. There are two road segments that cross private property and likely have a right-of-way. Public use is limited to hunting.

This parcel was placed in Zone 3 due to the presence of one Tennessee state-listed endangered plant species and . hardwood and cedar covered rock outcrop formations which enhance the visual character of this portion of Norris Reservoir. Requests for water use facilities will not be considered.

Parcel 147

Allocation: Zone 4 - Natural Resource Conservation
Acres: 60.70
Feet of Shoreline: N/A
Stream Location: Powell River mile 54L
Hydrologic Unit: 6-060
County: Claiborne
Water Use Facilities No

Parcel 147 is on the inland side of Parcel 146 and has no shoreline. Site quality for timber is medium to poor on this predominantly south- and west-facing parcel with rather steep slopes. Most of the forest cover is dominated by small sawtimber-size upland hardwood, primarily hickory, scarlet oak, black oak, and chestnut oak. A small area along the southeast border is mixed Virginia and shortleaf pine that has significant mortality as a result of past beetle infestations. TVA retained road rights-of-way across Tract Nos. XNR-414, -415, and -416, presumably to access this parcel. There are two road segments that cross private property and likely have a right-of-way. Public use is limited to hunting. This parcel was placed in Zone 4 to conserve important wildlife habitat and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 148

Allocation: Zone 4 - Natural Resource Conservation
Acres: 220.43
Feet of Shoreline: N/A
Stream Location: Powell River mile 52L
Hydrologic Unit: 6-060
County: Claiborne
Water Use Facilities No

Upland hardwood occupies this moderately steep parcel, which is located in Lonesome Valley. It is adjacent to a Tennessee Wildlife Resources Agency access site and does not directly abut the water. Although site productivity for timber is medium over most of the area, tree quality and stocking are poor as a result of past selective harvesting, beetle infestation, and wildfire. Sawtimber-size hickory, white oak, black oak, scarlet oak, and red maple are the dominant species. This parcel is bisected by the Southern Railroad rail line. Public use is primarily hunting. This parcel was placed in Zone 4 to conserve important wildlife habitat and to ensure

its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 149

Allocation:	Zone 6 - Developed Recreation
Acres:	19.99
Feet of Shoreline:	1,994.71
Stream Location:	Powell River mile 52.L
Hydrologic Unit:	6-060
County:	Claiborne
Water Use Facilities	Yes

This is one of 32 parcels transferred (Contract No. TV-14213A) to The Tennessee Wildlife Resources Agency in 1953. This contract transfers in fee the land above the 1052-foot contour elevation and includes an appurtenance that provides a recreation easement from the 1052-foot contour elevation to the waters of Norris Reservoir. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval. The area has a gravel parking lot for five to eight vehicles and boat trailers with a small concrete launching ramp. This parcel was placed in Zone 6 to reflect the current land use. Requests for public water use facilities will be considered.

Parcel 150

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	716.31
Feet of Shoreline:	29,467.87
Stream Location:	Powell River mile 49L
Hydrologic Unit:	6-060
County:	Claiborne
Water Use Facilities	No

Characterized by moderate to steep ridges that slope down to the Powell River and Slate Creek, this parcel is predominantly hardwood forest cover. Because of the various topographic aspects and slope positions, cove, upland, bottomland, and mixtures of these types are represented. Over half of the hardwood was selectively harvested in the mid-1970s, leaving adequately stocked stands of sawtimber-size yellow poplar, white oak, beech, black oak, and hickory.

Approximately 100 acres of this area was reharvested in 1993. The remainder of this parcel is occupied by stands of pine-hardwood, pine-cedar, and mixed pine that reverted on old-fields. Past beetle infestations have decreased the pine component in these types and will continue this trend in the future. TVA's permanent access to this parcel is from the county road on Slate Creek that bisects the area on the southern end; however, the access road is in poor condition and there is currently no road from this point northward to access the area. In 1992, as part of a resolution of a timber trespass by the adjacent landowner along Cupp Ridge, TVA was given a

10-year right-of-way to this parcel across the landowner's existing road. The 1993 timber harvest was accessed by this route. This right-of-way will expire in March 2002. The primary informal recreational use of this parcel is for hunting.

Historical records indicate that the water fronting this parcel is designated critical habitat for the Tennessee state-listed threatened slender chub and yellowfin madtom. Historical records also list the tangerine darter, fine-rayed pigtoe, dromedary pearlymussel, shiny pigtoe pearlymussel, and birdwing pearlymussel as having been found adjacent to this parcel. Portions of this parcel have steep bluffs. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation, visual resources, and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered. The access road into this parcel is in poor condition.

A day marker, important for navigational reference, is located on this parcel. This day marker does not interfere with Zone 4 activities.

Parcel 151

Allocation:	Zone 3 - Sensitive Resource Management
	<ul style="list-style-type: none">• Visual
Acres:	104.56
Feet of Shoreline:	9,730.51
Stream Location:	Powell River mile 43.5L
Hydrologic Unit:	6-060
County:	Claiborne
Water Use Facilities	No

Large sawtimber upland hardwood occupies most of this parcel, which is characterized by steep slopes with some rocky areas. Site productivity varies from low to high, depending generally on aspect and slope position. Upper slopes and western aspects are predominantly chestnut oak, hickory, and scarlet oak, while other areas are occupied by northern red oak, yellow poplar, red maple, and white oak. A small patch of cedar-hardwood is present on an old-field near the northern end. TVA retained a right of ingress and egress across Tract No. XNR-394 which touches the southern end of this parcel; however, no legal access to the remainder of the area is apparent. A small amount of hunting occurs on this parcel. The steep bluff-like shoreline of this parcel enhances the scenic quality in a narrow riverine area. It should receive visual protection as to provide a buffer for adjacent land that has been cleared. This parcel was placed in Zone 3 to protect sensitive visual resources. Requests for water use facilities will not be considered.

Parcel 152

Allocation:	Zone 6 - Developed Recreation
Acres:	7.45
Feet of Shoreline:	3,357.12
Stream Location:	Powell River mile 42.3L
Hydrologic Unit:	6-060
County:	Claiborne
Water Use Facilities	Yes

This parcel is located on the right descending bank of Bunch Hollow embayment. It is one of 32 parcels transferred (Contract No. TV-14213A) to The Tennessee Wildlife Resources Agency in 1953. This contract transfers in fee the land above the 1052-foot contour elevation and includes an appurtenance that provides a recreation easement from the 1052-foot contour elevation to the waters of Norris Reservoir. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval. This parcel is undeveloped, but receives informal camping and bank fishing use. Access is by a three mile, single lane, dirt road. This parcel was placed in Zone 6 to reflect the current land use. Requests for public water use facilities will be considered.

Parcel 153

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	265.57
Feet of Shoreline:	20,959.97
Stream Location:	Powell River mile 41L
Hydrologic Unit:	6-060
County:	Claiborne
Water Use Facilities	No

This parcel includes a large segment at Proffitt Hollow and narrow riparian strip that runs upstream, nearly to Bunch Hollow, and a segment on the left descending bank of Bunch Hollow. Over three-fourths of the area is in hardwood forest cover. Of this, about half is older stands that were selectively harvested in the mid—1970s. As a result, these stands are now comprised of a sparse overstory of beech, hickory, white oak, and black oak, and a dense understory of pole-size yellow poplar, red maple, beech, and dogwood. Other hardwood stands are reverted old-fields that developed after purchase. Some reverted to poor quality hardwood (hickory, white oak, yellow poplar) while others developed after old-field pine stands were killed by the beetles in the mid—1970s. Old-field Virginia pine occupies two stands that total 34 acres and pine-hardwood and pine-cedar hardwood stands include three areas totaling 43 acres.

TVA retained a right of ingress and egress across Tract No. XNR-392 to access the Proffitt Hollow segment, which is also accessed by an old county road in the hollow. A right of ingress and egress and road right-of-way was also retained across Tract No. XNR-393 to access the Bunch Hollow segment. A road right-of-way also crosses this segment to provide the adjacent private property owner access to property in Caney Hollow. The road into Bunch Hollow was renovated in the late 1990s by a private landowner who had intentions of developing Tract Nos. XNR-393 and -394. The Proffitt Hollow segment receives moderate use for hunting, camping, fishing, and all terrain vehicle use, while the Bunch Hollow segment receives low use by hunters and fishermen.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 154

Allocation: Zone 3 - Sensitive Resource Management
• Heritage (plants)
Acres: 16.36
Feet of Shoreline: 10,689.14
Stream Location: Powell River mile 39L
Hydrologic Unit: 6-060
County: Claiborne
Water Use Facilities No

This parcel is a narrow riparian strip running from the head of Profit Hollow to Leatherwood Hollow. Typical of most marginal strip land on TVA, it separates privately owned residential property from Norris Reservoir. The private property owners in this case do not have access rights to the water; therefore, this parcel was not placed in Zone 7. Typically these narrow strip lands can consist of a mixture of riparian or wetland plant species near the water's edge and mixed hardwoods or pines in the upland areas. This parcel was placed in Zone 3 to protect sensitive plant resources. Requests for water use facilities will not be considered.

Parcel 155

Allocation: Zone 4 - Natural Resource Conservation
Acres: 8.73
Feet of Shoreline: 3,338.94
Stream Location: Powell River mile 38L
Hydrologic Unit: 6-060
County: Claiborne
Water Use Facilities No

This parcel is a narrow riparian strip around the head of Leatherwood Hollow embayment. Typical of most marginal strip land on TVA, it separates privately owned residential property from Norris Reservoir. The private property owners in this case do not have access rights to the water; therefore, this parcel was not placed in Zone 7. Typically these narrow strip lands can consist of a mixture of riparian or wetland plant species near the waters edge and mixed hardwoods or pines in the upland areas. This parcel was placed in Zone 4 to conserve wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 156

Allocation: Zone 4 - Natural Resource Conservation
Acres: 53.45
Feet of Shoreline: 6,562.97
Stream Location: Powell River mile 37.9L
Hydrologic Unit: 6-060
County: Claiborne and Union
Water Use Facilities No

This parcel consist of three separate segments in Wilson Bend of the Powell River arm of Norris Reservoir. It is best described in two sections:

Section 1: This is the northern most section of this parcel. Large sawtimber upland hardwood occupies this steep, riparian parcel. This area does not appear to have been disturbed in a number of years and is well stocked with white oak, northern red oak, beech, white ash, and sugar maple that exceed 90 years of age. TVA retained a right of ingress and egress across Tract No. XNR-364 to access the section. Because of the isolated location and lack of road access this area receives little public use.

Section 2: This section is divided into two parts by a small cove and is the southern most of the two sections making up this parcel. Situated on a steep north-facing slope, this section is occupied by sawtimber-size upland and northern hardwood, primarily beech, sugar maple, and white ash. A variety of spring wildflowers are present. TVA retained a right of ingress and egress across Tract Nos. XNR-362 and -363 to access the section of this parcel. Because of the isolated location and lack of road access this parcel receives little public use.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation, visual resources, and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

The less steep areas of shoreline which separate the water and the steeper backlying slopes of this parcel help enhance the visual charter of this riverine area.

A day marker, important for navigational reference, is located on the southern section of this parcel. This day marker does not interfere with Zone 4 activities.

Parcel 157

Allocation:	Zone 3 - Sensitive Resource Management
	• Visual
Acres:	455.74
Feet of Shoreline:	35,156.05
Stream Location:	Powell River mile 35L
Hydrologic Unit:	6-060
County:	Union
Water Use Facilities	No

This large parcel is best described in two sections:

Section 1: Section 1 is the portion downstream of Capps Creek, locally known as Bostic Bend. Much of the northern half of this section was selectively harvested in the mid—1970s, leaving a sparsely stocked stand of beech, hickory, white oak, and yellow poplar. A pole-size understory of beech, sugar maple, white ash, and yellow poplar developed after harvest. Old-field stands of pine-hardwood and cove-hardwood occupy the flatter areas on the northern tip. The southern half has no signs of past harvesting and is occupied by 100-year old black oak, white oak, and hickory with patches of northern white cedar on the steep bluff along the northern shoreline.

Although site quality is moderately low in these areas, tree quality and vigor are good. TVA retained a right of ingress and egress across Tract Nos. XNR-361 and -362 to access this section.

Section 2: Hardwood dominates this section, occupying all but 16 acres. North-facing slopes along the bend in the Powell River are comprised of northern and cove hardwoods of sawtimber size, primarily northern red oak, yellow poplar, sugar maple, buckeye, and white ash. Northern white cedar is also found on the steep, rocky slopes. The northern and southern points (approximately half of the section) are occupied by pole and sawtimber upland hardwood. Most of these segments were selectively harvested in the mid—1970s and are now sparsely stocked with beech, hickory, yellow poplar, and oaks. The other ecological communities include old-field stands of mixed Virginia and shortleaf pine, redcedar, and upland hardwood on the flatter areas. TVA retained a road right-of-way across Tract Nos. XNR-351, -353, -354, -355, -356, -357, and -360 and rights of ingress and egress across Tract Nos. XNR-351, -353, and -354 to access this section. There is a day marker located on this section. Day markers are important for navigational reference. This day marker does not interfere with protecting the sensitive resources identified in this Zone 3 parcel.

This parcel was placed in Zone 3 to protect these sensitive resources. The narrow bands of steep bluff shoreline form a highly scenic corridor with Parcels 131 and 132 through the riverine portion of Norris Reservoir. This parcel receives little public use due to its isolated location and lack of access. Requests for water use facilities will not be considered.

Parcel 158

Allocation:	Zone 7 - Residential Access
Acres:	23.30
Feet of Shoreline:	8,006.92
Stream Location:	Powell River mile 30.7L
Hydrologic Unit:	6-060
County:	Union
Water Use Facilities	Yes

This parcel is located along the eastern side of Lead Mine Bend Cove on the southern bank of the Powell River arm section of Norris Reservoir. There are no adjacent subdivisions, but current data show 14 permitted structures associated with this parcel. The TVA property line runs along the 1044-foot contour elevation. Reservoir fringe wetlands exist in smaller secondary coves at either end of this parcel.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional water use facilities will be considered. Under the shoreline categorization system, the shoreline of this parcel has been placed in two categories. Segments categorized as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining segments of shoreline in this parcel have been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could

be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 159

Allocation: Zone 6 - Developed Recreation
Acres: 25.39
Feet of Shoreline: 5,880.30
Stream Location: Leadmine Bend Creek mile 1.9R
Hydrologic Unit: 6-090
County: Union
Water Use Facilities: Yes

A portion of this parcel lies along the eastern bank of Leadmine Cove and is one of 32 parcels transferred to the Tennessee Wildlife Resources Agency in 1953. The agreement transfers in fee the land above the 1052-foot contour elevation and provides a recreation easement from the 1052-foot contour elevation to the water. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval. This parcel is undeveloped and has little potential for boat access.

As part of the Norris Reservoir Land Management Plan a portion of this parcel is better suited for a partnership with the Tennessee Wildlife Resources Agency. TVA will license the property to TWRA to build a gravel parking lot for 10 to 15 vehicles and boat trailers and a concrete launching ramp. Requests for public water use facilities will be considered.

Parcel 160

Allocation: Zone 4 - Natural Resource Conservation
Acres: 5.64
Feet of Shoreline: 4,621.80
Stream Location: Powell River mile 30.7L
Hydrologic Unit: 6-090
County: Union
Water Use Facilities: No

This parcel, on the western bank of Leadmine Cove, is typical of most marginal strip lands on TVA, separating privately owned residential property from Norris Reservoir. The private property owners, in this case, do not have access rights to the water; therefore, this parcel was not placed in Zone 7. Typically these narrow strip lands can consist of a mixture of riparian or wetland plant species near the water's edge and mixed hardwoods or pines in the upland areas. The backlying property on this parcel is mostly agricultural fields. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 161

Allocation: Zone 7 - Residential Access
Acres: 30.99
Feet of Shoreline: 10,224.06
Stream Location: Powell River mile 29L
Hydrologic Unit: 6-090
County: Union
Water Use Facilities Yes

This parcel is located along the southern bank of the Powell River section of Norris Reservoir beginning at approximately Powell River mile 28 and continuing around the point into Lead Mine Bend Cove. It fronts Beech Grove Cabin Site (subdivision), and current data show 19 permitted structures associated with this parcel. The TVA property line for this parcel varies between the 1020- and 1044-foot contour elevations. Reservoir fringe wetlands occur in a large cove on the western side of this parcel and on the eastern side, near Stiner's Woods TVA Habitat Protection Area.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backing property developed for residential use. Under the shoreline categorization system, portions of this parcel's shoreline have been placed in each of the three shoreline categories. Segments of this shoreline supporting two high priority state-listed plants have been categorized as Shoreline Protection. Within this category all significant resources are to be protected and shoreline alterations would not be permitted. The balance of shoreline along this parcel has been placed into the two remaining categories. Segments classified as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining segments of shoreline in this parcel have been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 162

Allocation: Zone 4 - Natural Resource Conservation
Acres: 662.29
Feet of Shoreline: 441,150.94
Stream Location: Powell River mile 0L
Hydrologic Unit: 6-090, 5-220, and 6-100
County: Campbell and Union
Water Use Facilities No

This parcel is a very long riparian strip surrounding Chuck Swan Forest and Wildlife Management Area which is under license to the Tennessee Wildlife Resources Agency below the 1044-foot contour elevation. It is occupied by a variety of forest communities that include pure and mixed stands of hardwood, pine, and redcedar. Forest management activities conducted by the Tennessee Wildlife Resources Agency leave this strip undisturbed to maintain a shoreline buffer. It was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

There are two day markers, important for navigational reference, are located on this parcel. These day markers do not interfere with Zone 4 activities.

Parcel 163

Allocation: Zone 4 - Natural Resource Conservation
Acres: 97.32
Feet of Shoreline: 15,178.10
Stream Location: Clinch River mile 100 (Island)
Hydrologic Unit: 5-220
County: Union
Water Use Facilities No

This parcel includes Bear Hole and Wood Duck Islands. Over two-thirds of Bear Hole Island was in agricultural use at the time of purchase and has since reverted to Virginia pine. This pine is now mature and mortality is abundant. The northern part of the island was apparently too steep for agricultural use and is occupied by large sawtimber oaks, hickory, and beech that exceed 110 years of age. Most of Wood Duck Island was in agricultural use at the time of purchase. Today, much of the area has low to medium site productivity. The interior half has reverted to Virginia pine and cedar, the southern portion to cedar-hardwood, and the northern end is upland hardwood. Upland hardwood species include white ash, chinkapin oak, hickory, and post oak. These islands receive moderate use by campers. They were placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation, visual resources, and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 164

Allocation: Zone 4 - Natural Resource Conservation
Acres: 2.70
Feet of Shoreline: 1,823.40
Stream Location: Clinch River mile 102 (Island)
Hydrologic Unit: 5-220
County: Union
Water Use Facilities No

This parcel is comprised of two islands occupied by pine-cedar-hardwood. Islands are visual focal points that should be conserved to enhance the aesthetic quality of Norris Reservoir. This parcel was placed in Zone 4 to conserve wildlife habitat and shoreline vegetation, visual resources, and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 165

Allocation: Zone 4 - Natural Resource Conservation
Acres: 22.81
Feet of Shoreline: 4,548.54
Stream Location: Lost Creek mile 7.5RL
Hydrologic Unit: 5-220
County: Union
Water Use Facilities No

This parcel can best be described in two sections:

Section 1 - This section includes three segments: (1) the northern segment, which is situated along a county road and Lost Creek, is a former field that is still partially open with patches of sycamore and box elder. It is bisected by a power line; (2) the middle segment is surrounded by privately owned property and is occupied by redcedar; and (3) there is an active agricultural license (NR-U-36) for hay/pasture on two acres of the southern segment; the remainder is a riparian strip with various-size white ash, chinkapin oak, and other hardwood species. Little public use occurs on this section.

Section 2 - This section includes land along both sides of Johnson Hollow and is occupied by bottomland hardwood. Pole and small sawtimber-size sycamore dominate the site which is situated along the creek bottom. A fringe of upland hardwoods (yellow poplar, black cherry, and southern red oak) is located along the upper slopes. Also present on this section is a small subimpoundment dam constructed by the Civilian Conservation Corps in the mid—1930s. The dam was breached by vandals who blasted a hole in one side of the structure. A variety of upland hardwood, redcedar, and pine stands occupy the riparian strip along the southern cove.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 166

Allocation: Zone 3 – Sensitive Resource Management
• Wetlands
Acres: 12.77
Feet of Shoreline: 2,790.28
Stream Location: Lost Creek mile 6.9L
Hydrologic Unit: 5-220
County: Union
Water Use Facilities No

The western two-thirds of this parcel is occupied by various size pine-cedar-hardwood mixtures while the eastern third is a recently reverted stand of primarily redcedar. A small portion is under agricultural license (NR-U-11) for hay production. Located on this parcel is one of Norris Reservoirs most significant wetland areas.

This parcel was placed in Zone 3 to protect these sensitive wetland resources. Requests for water use facilities will not be considered.

Parcel 167

Allocation: Zone 4 - Natural Resource Conservation
Acres: 25.82
Feet of Shoreline: 4,272.67
Stream Location: Lost Creek mile 6.9L
Hydrologic Unit: 5-220
County: Union
Water Use Facilities No

This parcel near the head of Lost Creek embayment, is almost an island at summer pool. Over half of this parcel is under agricultural license (NR-U-11) for hay production. The remaining area, which includes shoreline strips and pockets, is occupied by various size pine-cedar-hardwood mixtures. This parcel was placed in Zone 4 to conserve wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 168

Allocation: Zone 4 - Natural Resource Conservation
Acres: 43.23
Feet of Shoreline: 9,513.17
Stream Location: Lost Creek mile 5 (Island)
Hydrologic Unit: 5-220
County: Union
Water Use Facilities No

This parcel is comprised of three islands in the Lost Creek embayment. Various mixtures of pine-cedar-hardwood comprise these islands which have poor to medium productivity soils. Most of the area has been in agricultural use in the past, but has reverted at various times over the last 60 years, creating forest communities that range from 20 to 60-years of age. The southern portion of the larger island has a pocket of large sawtimber hardwood (scarlet oak, chinkapin oak, and white ash) that exceeds 100 years of age. This grouping of islands vary in degrees of visual quality. They should be managed for visual conservation, as they are landforms that are focal points on adjacent shoreline lands. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation and visual resources. Requests for water use facilities will not be considered.

A day marker, important for navigational reference, is located on this parcel. This day marker does not interfere with Zone 4 activities.

Parcel 169

Allocation: Zone 4 - Natural Resource Conservation
Acres: 0.83
Feet of Shoreline: 1,086.47
Stream Location: Lost Creek mile 4.5 (Island)
Hydrologic Unit: 5-220
County: Union
Water Use Facilities No

Two sparsely vegetated islands comprise this parcel. Because of the low elevation of these areas, summer reservoir levels cause scouring and inundation that is not conducive to upland growth, and winter levels preclude wetland and bottomland vegetative growth. This grouping of islands vary in degrees of visual quality. They should be managed for visual conservation, as they are landforms that are focal points on adjacent shoreline lands. This parcel was placed in Zone 4 for visual resource management. Requests for water use facilities will not be considered.

Parcel 170

Allocation: Zone 4 - Natural Resource Conservation
Acres: 43.82
Feet of Shoreline: 9,325.57
Stream Location: Lost Creek mile 1 (Island)
Hydrologic Unit: 5-220
County: Union
Water Use Facilities No

Gull Island, an unnamed island to the north, and a smaller island south of Gull Island comprise this parcel. Both of these islands have been use for agriculture in the past and have since reverted to upland hardwood, Virginia pine, and redcedar mixtures. Site productivity for timber is low for this area, which has heavy limestone rock substrata and shallow soils. Hardwood species present include hickory, white ash, and various oaks. Both islands are accessible from land during winter reservoir water levels and are grazed by cows from the adjacent private land. This parcel was placed in Zone 4 to conserve wildlife habitat and shoreline vegetation and visual resources. Requests for water use facilities will not be considered.

Parcel 171

Allocation: Zone 7 – Residential Access
Acres: 243.46
Feet of Shoreline: 119,360.75
Stream Location: Clinch River mile 111R
Hydrologic Unit: 5-220
County: Union
Water Use Facilities Yes

This long parcel, stretching from Clinch River miles 103 to 117, is located along the northwestern shore (right bank) of the Clinch River arm of Norris Reservoir adjacent to Norris Shores (Phases 1 and 2) and Tanglewood Shores (Phases 1, 3, and 4) Subdivisions. Current data show 141 permitted structures associated with this parcel. The TVA property line runs along the 1044-foot contour elevation. There are 14 areas or coves along this parcel which contain reservoir fringe wetlands.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional water use facilities will be considered. Under the shoreline categorization system, the shoreline of this parcel has been placed in two categories. Segments categorized as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining segments of shoreline in this parcel have been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 172

Allocation: Zone 4 - Natural Resource Conservation
Acres: 328.49
Feet of Shoreline: 34,263.47
Stream Location: Clinch River mile 118R
Hydrologic Unit: 5-220
County: Union
Water Use Facilities No

This parcel forms the west bank of Hunting Creek Embayment from the head to the mouth. It was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation, visual resources, and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered. It is best described in four sections beginning from the southernmost section and ending with the northernmost section:

Section 1: A variety of forest conditions occur on this section, which is characterized by steep slopes and deep hollows. Site productivity varies with aspect; north- and east-facing slopes are generally more productive while south- and west-facing slopes are usually drier and have lower timber productivity. This section was heavily influenced in the mid—1970s by selective timber harvesting and southern pine beetle infestations. Most of the hardwood, which occupies over 60 percent of the area, is sparsely stocked as a result of the harvesting, and is dominated by large sawtimber-size beech, hickory, chestnut oak, and white oak. The flatter area in the northern part of this parcel was formerly an old-field that was planted to shortleaf pine shortly after purchase. Southern pine beetle infestations eliminated most of the pine, leaving a mixed pine-cedar-hardwood stand. Other mixed forests, which comprise nearly 40 percent of this parcel, are old-field Virginia pine and hardwood stands. Hunting is the dominant public use. TVA has retained a right of ingress and egress across former TVA Tract Nos. XNR-242, -243, and -244.

This section of this parcel forms many excellent coves for the boater to find a protected anchorage. The narrow necks of this landbase should be conserved to maintain their natural scenic quality as seen by the reservoir user. Lakeview Boat Dock has mooring rights over a portion of this parcel. Mooring will not interfere with Zone 4 activities.

Section 2: This section is a riparian strip on the right descending bank of Hunting Creek. Most of this section was in agricultural use at the time of purchase. TVA planted two acres to shortleaf pine but the remainder reverted to redcedar and cedar-hardwood mixtures. Site quality is medium to poor on the old-field areas. Two small areas along the shoreline are occupied by large sawtimber upland hardwood. TVA has retained a right of ingress and egress to this parcel across former TVA Tract Nos. XNR-242, -243, and -244. Aquatic beds and scrub-shrub wetland areas are present.

Section 3: Characterized by poor site quality with shallow, rocky soils, this section is occupied by redcedar and cedar-hardwood, with a small open area. Upland hardwood species found in the mixed stand includes white ash, scarlet oak, and hickory.

Section 4: Most of this section is under three agricultural licenses (NR-U-8, NR-U-9, and NR-U-10) for hay and pasture. The remaining area is in scattered patches and strips of cedar-hardwood of various ages and sizes.

Parcel 173

Allocation:	Zone 3 – Sensitive Resource Management
	• Cultural
Acres:	16.73
Feet of Shoreline:	3,423.89
Stream Location:	Clinch River mile 118.1R
Hydrologic Unit:	5-220
County:	Union
Water Use Facilities	No

This parcel is located at the head of Hunting Creek embayment. The northern half of this parcel is occupied by pole- and small sawtimber-size redcedar and upland hardwood. Two agricultural licenses (NR-U-6 and NR-U-7) for hay/pasture and hay production comprise the southern half.

This parcel was placed in Zone 3 due to the presence of cultural resource sites. Aquatic beds, scrub-shrub, and forested wetland areas are located near Rufe Miller Cemetery and north of Sky Park Fishing Lodge. Requests for water use facilities will not be considered.

Parcel 174

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	120.74
Feet of Shoreline:	14,955.86
Stream Location:	Clinch River mile 118.1R
Hydrologic Unit:	5-220
County:	Union
Water Use Facilities	No

This parcel includes several separate sections along the east bank of Hunting Creek embayment. It was placed in Zone 4 to conserve wildlife habitat and shoreline vegetation, and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered. It is best described in four sections beginning with the northernmost section and working south and east to the last section:

Section 1: A variety of ecological communities comprise this section of this parcel, which is characterized by site quality for timber production that ranges from medium to low depending primarily on the degree of rock that is present. Another factor that has influenced site productivity is past farming which degraded parts of the area. Mixed forest types are prevalent on much of the area with Virginia pine, shortleaf pine, yellow poplar, hickory, oaks, and redcedar. Upland hardwood occupies about 20 acres; one stand is sawtimber size and contains pockets of large trees. The other hardwood was cut in the mid—1970s and is now various aged. Hardwood species include red oaks, white oak, hickory, beech, and yellow poplar. On the northwestern portion of this parcel is a recently reverted pasture with loblolly, Virginia, and shortleaf pine; redcedar; and scattered hardwood. A seven-acre agricultural license (NR-U-5) for pasture/hay is located on the northeastern corner of this section of this parcel and a two-acre agricultural license (NR-U-4) for hay production is located on the southeastern corner.

Section 2: Most of this area is open; eight acres on the southern end is under an agricultural license (NR-U-3) for hay production, and all but the northern strip is open through mowing by adjacent landowners. A strip along the shoreline on the northern end is occupied by large sawtimber oaks and hickory that exceed 100 years of age. TVA retained a right of ingress and egress over Tract No. XNR-235 to this section.

Section 3: Redcedar occupies this section which is characterized by poor site quality.

Section 4: This section was in agricultural use at the time of TVA purchase. Most has reverted to patches of pine-cedar-hardwood. One area in front of a residence has been cleared to the water and is being maintained in grass and another strip is also mowed, but does not extend to the water.

Parcel 175

Allocation: Zone 2 - TVA Operations
Acres: 4.02
Feet of Shoreline: 6,433.82
Stream Location: Clinch River mile 118.1R
Hydrologic Unit: 5-220
County: Union
Water Use Facilities No

This parcel is located adjacent to the Sharps Chapel Elementary School. The Union County Board of Education has a license agreement (Contract No. TV-25589A) for access and supplemental playground purposes across this parcel. Sharps Chapel road also occupies a right-of-way across this property..

Parcel 176

Allocation: Zone 6 – Developed Recreation
Acres: 56.27
Feet of Shoreline: 6,433.79
Stream Location: Clinch River mile 118.1R
Hydrologic Unit: 5-220
County: Union
Water Use Facilities Yes

This parcel is located on the west bank of Hunting Creek embayment. Union County, Tennessee, holds a 30-year recreation easement for the portion of the parcel north of Sharps Chapel Road. Existing facilities include a baseball field, exercise trail, parking lot, and an outdoor pavilion for concerts. The land to the south of Sharps Chapel Road has been added to this parcel to provide space to expand the existing facilities to meet the need for improved family and day use water access. This need was identified by the public during the planning process. The additional land is intended for public day use activities (swimming, sunbathing, hiking, or exercise walking). Development of the expansion is envisioned as a partnership with a local government that will occur during the life of the Norris Reservoir Land Management Plan.

Parcel 177

Allocation: Zone 6 - Developed Recreation
Acres: 11.90
Feet of Shoreline: 2,649.44
Stream Location: Clinch River mile 118.1R
Hydrologic Unit: 5-220
County: Union
Water Use Facilities Yes

This parcel includes land on both side of a small cove in Hunting Creek embayment. Both areas are part of a 19-year lease to Lakeview Boat Dock. The lease allows development of a 45-unit campground and harbor extension. This parcel was placed in Zone 6 to reflect the current land use. Requests for additional commercial or public water use facilities will be considered.

Parcel 178

Allocation: Zone 6 – Developed Recreation
Acres: 17.45
Feet of Shoreline: 2,634.19
Stream Location: Clinch River mile 118.1R
Hydrologic Unit: 5-220
County: Union
Water Use Facilities Yes

This parcel on the west side of Brewer Hollow cove is one of 32 parcels transferred to the Tennessee Wildlife Resources Agency in 1953. Contract No. TV-14213A transfers in fee the land above the 1052-foot contour elevation and includes an appurtenance that provides a recreation easement from the 1052-foot contour elevation to the waters of Norris Reservoir. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval. This parcel is undeveloped and has little potential for boating access. This parcel was placed in Zone 6 to support the backlying land use. Requests for public water use facilities will be considered.

Parcel 179

Allocation: Zone 7 – Residential Access
Acres: 3.45
Feet of Shoreline: 1,241.12
Stream Location: Clinch River mile 118.1R
Hydrologic Unit: 5-220
County: Union
Water Use Facilities Yes

This parcel is located along the northern shoreline of the Clinch River arm of Norris Reservoir. There are no adjacent subdivisions, but current data show two permitted structures associated with this parcel. The TVA property line follows the 1044-foot contour elevation. There are reservoir fringe wetlands located in the head of Brewer Hollow Cove.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional water use facilities will be considered. Under the shoreline categorization system, this parcel has been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 180

Allocation: Zone 3 – Sensitive Resource Management

- Cultural

Acres: 9.80

Feet of Shoreline: 1,668.24

Stream Location: Clinch River mile 118.1R

Hydrologic Unit: 5-220

County: Union

Water Use Facilities No

The northern half of this parcel is occupied by small sawtimber-size cedar-hardwood. Hardwood species include white oak, chinkapin oak, white ash, and hickory. Pole-size redcedar comprises the southern half of this parcel.

This parcel was placed in Zone 3 to protect sensitive cultural resources. Requests for water use facilities will not be considered.

Parcel 181

Allocation: Zone 3 – Sensitive Resource Management

- Heritage (plants)
- Little Barren Creek TVA Habitat Protection Area
- Cultural
- Visual

Acres: 187.13

Feet of Shoreline: 33,784.30

Stream Location: Clinch River mile 119R

Hydrologic Unit: 5-220 and 5-190

County: Union

Water Use Facilities No

The southern two-thirds of this parcel is composed of small and large sawtimber upland hardwood that was partially harvested in the mid-1970s. As a result of the harvest, this area is now various aged (30 to 100 years), and dominated by beech, white oak, yellow poplar, hickory, red maple, and black oak. Most of the remaining third is a variety of mixed forest and redcedar stands that are the result of natural reversion on abandoned agricultural fields. These range in age from 25 to 75 years old. The southern two-thirds receives hunting use while the area around old Highway 33 is popular for fishing, swimming, and camping. TVA retained rights-of-way across Tract No. XNR-296, -297, and -299 to access this parcel. No federal- or state-listed species were identified on this parcel; however, because of the presence of a rare plant community, a portion of this parcel has been designated as the **Little Barren Creek TVA Habitat Protection Area**.

This parcel was placed in Zone 3 to protect sensitive resources. Requests for water use facilities will not be considered.

Parcel 182

Acres:	Zone 3 - Sensitive Resource Management
	<ul style="list-style-type: none"> • Cultural • Heritage (plants) • Cedar Grove TVA habitat Protection Area
Acres:	161.87
Feet of Shoreline:	25,605.15
Stream Location:	Clinch River mile 119.9R
Hydrologic Unit:	5-190
County:	Union
Water Use Facilities	No

This parcel is best described in two sections.

Section 1: This section, known as Palmers Island, is one of the most heavily used areas on Norris Reservoir. The dominant uses include camping and bank fishing; however, all-terrain vehicles use and hunting also occur in winter months. A loop road affords access for campers and an old county road is used to launch boats. Characterized by shallow rocky soils, the area is occupied by pole- and small-sawtimber cedar-pine-hardwood. The small island to the west is barren because of summer inundation. Cultural resources were found. Aquatic beds and scrub-shrub wetland areas are located along the northeastern shore of this island. Palmers Island is one of the most used areas for informal camping on Norris Reservoir.

Section 2: This section is on the east bank of the Little Barren Creek embayment. The northern fourth of this section is a former pasture that has reverted to redcedar. The stand has now reached small sawtimber size. The remainder of this section is occupied by upland hardwood with a pine and cedar component. Sawtimber-size scarlet oak, chinkapin oak, hickory, and white ash dominate the hardwood. Site quality varies from low to medium with many areas of exposed limestone. The northern part receives heavy public use, including camping, fishing, picnicking, and all-terrain vehicle use.

Two cultural resource sites were found. Fringe wetlands are present along the eastern shoreline of the longest cove. Aquatic beds, scrub-shrub, and forested wetland areas are scattered throughout the cove. Cedar Grove Cave is present in low-lying woodlands with exposed, low, rock outcrops. A Tennessee state-listed threatened plant species occurs within this section and a Tennessee state-listed special concern plant species was found in Cedar Woods. Because of the presence of rare plants, portions of this section contain habitat suitable for designation as the **Cedar Grove TVA habitat Protection Area**.

This parcel was placed in Zone 3 to protect these sensitive resources. Requests for water use facilities will not be considered.

A day marker, important for navigational reference, is located on this parcel.. This day marker does not interfere with protecting the sensitive resources identified in this Zone 3 parcel.

Parcel 183

Allocation: Zone 6 – Developed Recreation
Acres: 16.92
Feet of Shoreline: 7,330.29
Stream Location: Clinch River mile 119.8R
Hydrologic Unit: 5-190
County: Claiborne and Union
Water Use Facilities Yes

This parcel, located on both banks near the head of Little Barren Creek embayment, is one of 32 parcels transferred (Contract No. TV-14213A) to the Tennessee Wildlife Resources Agency in 1953. This contract transfers land in fee above the 1052-foot contour elevation and includes appurtenance that provides a recreation easement from the 1052-foot contour elevation to the waters of Norris Reservoir. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval. A gravel ramp is present, but is in poor shape and unusable. This parcel was placed in Zone 6 to reflect the current land use. Requests for public water use facilities will be considered.

Parcel 184

Allocation: Zone 7 – Residential Access
Acres: 2.10
Feet of Shoreline: 757.91
Stream Location: Clinch River mile 119.9R
Hydrologic Unit: 5-190
County: Union
Water Use Facilities Yes

This parcel is located along the northern shoreline where Barren Creek empties into the Clinch River arm of Norris Reservoir, adjacent to Harness Subdivision. Current data show two

permitted structures associated with this parcel. The TVA property line follows the 1044-foot contour elevation. There are no reservoir fringe wetlands presently shown along this shoreline.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional water use facilities will be considered. This parcel has been classified under the shoreline categorization system as Managed Residential. No sensitive resources are known to exist on this parcel at the present time. Routine environmental review would be required for any proposed action.

Parcel 185

Allocation: Zone 4 - Natural Resource Conservation
Acres: 351.12
Feet of Shoreline: 21,571.71
Stream Location: Clinch River mile 121.4R
Hydrologic Unit: 5-190
County: Claiborne and Union
Water Use Facilities No

Selective timber harvesting and beetle infestations in the mid—1970s influenced the ecological conditions on this parcel, which is characterized by low to medium site quality with significant areas of exposed and shallow limestone rock. Upland hardwood, which occupies just over half of the area, is predominantly sawtimber size, but has a younger component of poles as a result of past harvests. Dominant species include beech, black oak, white oak, hickory, and yellow poplar. Mixed stands comprise most of the remaining area, especially the rockier sites, and include various mixtures of pine, cedar, and hardwood. One small, old-field stand of Virginia pine is also present. There is no public vehicular access on this parcel which receives moderate hunting use. A quatic beds, scrub-shrub, and forested wetlands are present in the cove at the northern end of this parcel. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 186

Allocation: Zone 6 - Developed Recreation
Acres: 8.38
Feet of Shoreline: 1,467.39
Stream Location: Clinch River mile 122R
Hydrologic Unit: 5-190
County: Claiborne
Water Use Facilities Yes

This parcel is surrounded by Parcel 197, and a Tennessee Wildlife Resources Agency launching ramp is present. A 1985 license agreement (Contract No. TV-67006A) is in place for this

launching ramp The ramp is accessed directly from Highway 33. This parcel was placed in Zone 6 to reflect the current land use. Requests for public water use facilities will be considered.

Parcel 187

Allocation: Zone 3 – Sensitive Resource Management

- Cultural
- Heritage (plants)
- Wetlands

Acres: 13.74

Feet of Shoreline: 2,236.45

Stream Location: Clinch River mile 121.8R

Hydrologic Unit: 5-190

County: Claiborne

Water Use Facilities No

A small sawtimber Virginia pine-hardwood stand occupies this parcel. This parcel was placed in Zone 3 due to the presence of cultural resources, small glade areas observed during field surveys, and a Tennessee state-listed special concern plant observed near the southern boundary of this parcel. Scrub-shrub and forested wetland areas are located in small coves along the southern shore. Requests for water use facilities will not be considered.

Parcel 188

Allocation: Zone 6 – Developed Recreation

Acres: 81.59

Feet of Shoreline: 8,453.16

Stream Location: Clinch River mile 122R

Hydrologic Unit: 5-190

County: Claiborne

Water Use Facilities Yes

As part of the Norris Reservoir Land Management Plan this parcel has been identified as having the capability of meeting the need for improved family and day use water access, as well as future public camping needs. This need was identified by the public during the Norris Reservoir Land Management Planning process. It is intended for public day use activities (swimming, sunbathing, hiking, or exercise walking) and/or camping. Development of the expansion is envisioned as a partnership with a local government that will occur during the life of the Norris Reservoir Land Management Plan. This parcel was placed in Zone 6 to support the proposed recreational land use. Requests for public water use facilities will be considered.

Parcel 189

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	218.65
Feet of Shoreline:	23,414.94
Stream Location:	Clinch River mile 123R
Hydrologic Unit:	5-190
County:	Claiborne
Water Use Facilities	No

This parcel is dissected by steep slopes and deep hollows, forming a number of coves and points attractive to reservoir users. Comprised of upland hardwood, most of the area was partially harvested in the mid—1970s, resulting in a various-age stand. A portion was also regenerated in the late 1980s. The dominant canopy is occupied by chestnut oak, beech, hickory, and red maple while the understory and mid—canopy are primarily red maple, beech, sourwood, and blackgum. Several small patches of old-field Virginia and shortleaf pine also occur on this parcel. A well-developed road system was established during logging in the mid—1970s, but has not been maintained. Several wildlife openings were created on log-landings during the last harvest but was abandoned in recent years. This parcel receives moderate hunting use and camping occurs on some of the points. Cedar Grove Marina and Campground (Parcel 190) has a license agreement (Contract No. TV-98135V) for 700 feet of mooring for recreation purposes. Those mooring rights can continue to occur adjacent to this parcel to the extent that this activity does not negatively impact those resources that Zone 4 is designed to conserve. Any management activities taking place on this parcel should be planned with sensitivity to maintaining the visual integrity of the site.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation, visual resources, and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 190

Allocation:	Zone 6 - Developed Recreation
Acres:	58.56
Feet of Shoreline:	9,066.54
Stream Location:	Clinch River mile 123.7R
Hydrologic Unit:	5-190
County:	Claiborne
Water Use Facilities	Yes

Cedar Grove Marina and Campground is located on this parcel, on the west bank of Big Barren Creek embayment. The operator has a 19-year lease (Contract No. TV-76027A) beginning in 1989. The marina has mooring rights adjacent to Parcel 189. This parcel was placed in Zone 6 to reflect the current land use. Requests for public water use facilities will be considered.

Parcel 191

Allocation: Zone 4 - Natural Resource Conservation
Acres: 0.77
Feet of Shoreline: N/A
Stream Location: Clinch River mile 123.7R
Hydrologic Unit: 5-220
County: Claiborne
Water Use Facilities No

This parcel is a small isolated strip of land and very similar to most marginal strip land. It is surrounded by privately owned residential property and abuts a Zone 6 parcel, and is separated from Norris Reservoir by Highway 33. When the reservoir is at full summer elevation this parcel is inundated. Due to this annual inundation the vegetation consists of a mixture of riparian or wetland plant species near the flooded areas and mixed hardwoods or pines in the upland areas.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation, visual resources, and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 192

Allocation: Zone 2 - TVA Operations
Acres: 0.80
Feet of Shoreline: N/A
Stream Location: Clinch River mile 123.7R
Hydrologic Unit: 5-190
County: Claiborne
Water Use Facilities No

This parcel (Tract No. XTNR-98H) is located at the head of Barren Creek embayment, along Big Barren Creek, north of Cedar Grove Marina and Campground. The state of Tennessee has a permanent easement (Contract No. TV-43503A) across this parcel for Highway 33. It was placed in Zone 2 to support its current use. Requests for water use facilities will not be considered.

Parcel 193

Allocation: Zone 7 – Residential Access
Acres: 39.38
Feet of Shoreline: 11,063.91
Stream Location: Clinch River mile 123.8R
Hydrologic Unit: 5-190
County: Claiborne
Water Use Facilities Yes

This parcel is located along the eastern bank of the Big Barren Creek embayment, fronting Cape Norris Subdivision to the north. This embayment enters Norris Reservoir from the north. Current data show five permitted structures associated with this parcel. The TVA property line follows the 1044-foot contour elevation. Reservoir fringe wetlands occur in several small coves along this parcel's shoreline.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for water use facilities will be considered. Under the shoreline categorization system, the shoreline of this parcel has been placed in two categories. Segments categorized as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining segments of shoreline in this parcel have been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

A day marker, important for navigational reference, is located on this parcel.. This day marker does not interfere with Zone 7 activities.

Parcel 194

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	282.84
Feet of Shoreline:	25,446.07
Stream Location:	Clinch River mile 124.5R
Hydrologic Unit:	5-190
County:	Claiborne
Water Use Facilities	No

This parcel includes marginal strip land, a large peninsula section, and a small island. Various-size upland hardwood occupies the small island. Oaks, hickory, beech, and red maple are the dominant species. This island receives little public use. Upland hardwood is the dominant forest type on mainland sections. This area is characterized by steep ridges and deep hollows. Over 75 percent of the area is in hardwood, predominantly various-size beech, black oak, hickory, white oak, and red maple. Most of this type was partially harvested in the mid-1970s and about 80 acres was regenerated in the late 1980s. Old-field Virginia pine occupies the flatter points along Norris Reservoir and is at maturity, with increasing mortality. Site quality varies from low to high, depending on slope position and aspect. The main access road along the southern shoreline was regraded and graveled in 1998 to facilitate public access for camping, and trash receptacles were placed at various locations. A partnership with the owners of Straight Creek Boat Dock was also established, whereby they agreed to empty the trash and do minor work on the road, as needed. To protect the road from seasonal damage,

vehicular access is closed during the winter months. This area receives heavy camping use, bank fishing, and hunting. This parcel forms a number of coves and points attractive to reservoir users. Any management activities taking place on this parcel should be planned with sensitivity to maintaining the visual integrity of the site. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation, visual resources, and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 195

Allocation: Zone 6 – Developed Recreation
Acres: 10.20
Feet of Shoreline: 7,933.94
Stream Location: Clinch River mile 125R
Hydrologic Unit: 5-190
County: Claiborne
Water Use Facilities Yes

Straight Creek Boat Dock has a license agreement (Contract No. TV-70366A) for 3,400 feet of shoreline for mooring purposes and 1.2 acres for parking and access to the marina on the eastern side of this parcel. This parcel was placed in Zone 6 to reflect the current land use. Requests for commercial or public water use facilities will be considered.

Parcel 196

Allocation: Zone 6 - Developed Recreation
Acres: 10.39
Feet of Shoreline: 3,898.94
Stream Location: Clinch River mile 125.1R
Hydrologic Unit: 5-190
County: Claiborne
Water Use Facilities Yes

This parcel is undeveloped, small, and the licensed portion below 1052-foot contour elevation has slopes less than 10 percent and is not suitable for boat launching. This is one of 27 tracts transferred (Contract No. TV-18703A) to The Tennessee Wildlife Resources Agency in 1958. This contract transfers land in fee above the 1052-foot contour elevation and includes an appurtenance that provides a recreation easement from the 1052-foot contour elevation to the waters of Norris Reservoir. Certain recreation facilities were approved at the 1020-foot contour elevation, and other recreation facilities and infrastructure were approved above the 1034-foot contour elevation.

The western segment of this parcel was in agricultural use at the time of TVA purchase and has reverted to a variety of forest cover which includes patches of pole-size Virginia pine and redcedar, upland hardwood (oak, hickory, and white ash), and bottomland hardwood (sycamore,

box elder, and green ash). Straight Creek forms the eastern boundary for this parcel. Scrub-shrub and forested wetland areas are located near the southern tip and along a cove near Burch Cemetery in the northern section of this parcel.

This parcel was placed in Zone 6 to reflect the current land use. Requests for public water use facilities will be considered.

Parcel 197

Allocation: Zone 4 - Natural Resource Conservation
Acres: 15.31
Feet of Shoreline: N/A
Stream Location: Clinch River mile 125.1R
Hydrologic Unit: 5-190
County: Claiborne
Water Use Facilities No

Straight Creek bisects this parcel and the surrounding bottoms are occupied by bottomland hardwood (sycamore, box elder, and green ash). Redcedar and upland hardwoods cover the upper slopes, which are characterized by rocky terrain. There is an active agricultural license (NR-CB-37) for hay on three acres of this parcel. Scrub-shrub and forested wetland areas are located near the southern tip and along a cove near Burch Cemetery in the northern section of this parcel. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 198

Allocation: Zone 4 - Natural Resource Conservation
Acres: 5.38
Feet of Shoreline: 2,910.27
Stream Location: Clinch River mile 125.1
Hydrologic Unit: 5-190
County: Claiborne
Water Use Facilities No

This parcel, on the lower east bank of the Straight Creek embayment, is typical of most marginal strip land. It separates privately owned residential property from Norris Reservoir. Typically these narrow strips can consist of a mixture of riparian or wetland plant species near the water's edge and mixed hardwoods or pines in the upland areas. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 199

Allocation:	Zone 3 – Sensitive Resource Management <ul style="list-style-type: none">• Cultural• Visual
Acres:	59.45
Feet of Shoreline:	7,550.08
Stream Location:	Clinch River mile 125.6R
Hydrologic Unit:	5-190
County:	Claiborne
Water Use Facilities	No

This steep, wooded parcel is forms the northeastern shoreline where Norris Reservoir cuts through Walden Ridge. The southern interior part of this parcel is steep and rocky with pole-size cedar-hardwood forest cover. Large sawtimber upland hardwood occupies the northern and southern areas which have less severe topography. The upland hardwood is over mature, exceeding 120 years of age, and mortality is common. White oak, black oak, hickory, chestnut oak, and yellow poplar are the dominant species. TVA retained rights of ingress and egress across Tract Nos. XNR-327, -328, and -329 to access this parcel. Little public use occurs due to the isolated location and steep topography.

This parcel was placed in Zone 3 due to the presence of cultural resources and because of its visual character. Combined with portions of Parcels 203, 264, and 266, it forms a visual corridor unique to this part of Norris Reservoir. Aquatic beds, scrub-shrub, and forested wetlands are scattered among coves along the length of this parcel. Requests for water use facilities will not be considered.

Parcel 200

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	18.12
Feet of Shoreline:	4,589.26
Stream Location:	Clinch River mile 126.2R
Hydrologic Unit:	5-190
County:	Claiborne
Water Use Facilities	No

This parcel, on the right descending bank of Bear Creek embayment, is typical of most marginal strip land. It separates privately owned residential property from Norris Reservoir. Typically these narrow strips can consist of a mixture of riparian or wetland plant species near the waters edge and mixed hardwoods or pines in the upland areas. Small sawtimber pine-cedar-hardwood occupies this parcel, which is a narrow shoreline strip. TVA retained rights of ingress and egress across Tract Nos. XNR-327, -328, and -329 to access this parcel. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 201

Allocation: Zone 6 – Developed Recreation
Acres: 6.57
Feet of Shoreline: 1,920.77
Stream Location: Clinch River mile 126.2R
Hydrologic Unit: 5-190
County: Claiborne
Water Use Facilities Yes

Located on the right descending bank near the head of Bear Creek embayment, this is one of 27 tracts transferred (Contract No. TV-18703A) to the Tennessee Wildlife Resources Agency in 1958. This contract transfers land in fee above the 1052-foot contour elevation and includes and appurtenance that provides a recreation easement from the 1052-foot contour elevation to the waters of Norris Reservoir. Certain recreation facilities were approved at the 1020-foot contour elevation, and other recreation facilities and infrastructure were approved above the 1034-foot contour elevation. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval.

It is undeveloped; however, there is an old road bed being used as a launching ramp between the 1020- and 1005-foot contour elevations. This parcel was placed in Zone 6 to reflect the current land use. Requests for public water use facilities will be considered.

Parcel 202

Allocation: Zone 4 - Natural Resource Conservation
Acres: 406.69
Feet of Shoreline: 6,963.42
Stream Location: Clinch River mile 126.3R
Hydrologic Unit: 5-190
County: Claiborne
Water Use Facilities No

This steep, wooded parcel forms the northeastern shoreline where Norris Reservoir cuts through Lone Mountain Ridge. Although a variety of forest conditions occur on this parcel, hardwood dominates, comprising over 70 percent of this parcel. Much of the hardwood was selectively harvested in the mid—1970s leaving slightly understocked stands of various age and size. Because of the north-facing slopes that are prevalent on this parcel, cove types comprise over 40 percent of the hardwood. Species most common on these productive sites include yellow poplar, sugar maple, white ash, and northern red oak. Upland hardwood comprises the remaining hardwood with white oak, scarlet oak, chestnut oak, hickory, and white ash the most prevalent species. The remainder of this parcel was in agricultural use at the time of purchase and reverted to mixed forest types, Virginia pine, and redcedar. A significant portion of the northern (lower) half is low in productivity, with shallow soils and exposed limestone rock. This area is occupied by redcedar, Virginia pine, and hardwoods (chinkapin oak, hickory, and scarlet oak) that range

from pole to sawtimber size. Wildlife habitat enhancements were conducted on this parcel in 1998 by daylighting an existing woods road and clearing over three acres of reverted fields to create permanent openings that are planted in wheat and clover. These areas are maintained by periodic bushhogging, seeding, and fertilizing. The main access road for this parcel is gated to prohibit vehicular access. Hunting is the dominant public use.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered. Scrub-shrub and forested wetland areas are located at the head of Bear Creek Hollow (northeastern end of this parcel) and near the mouth of Bear Creek Hollow at the southwestern section of this parcel near Clinch River mile 126.

Parcel 203

Allocation:	Zone 3 – Sensitive Resource Management
	• Visual
Acres:	121.97
Feet of Shoreline:	6,017.82
Stream Location:	Clinch River mile 126.8R
Hydrologic Unit:	5-190
County:	Claiborne
Water Use Facilities	No

This steep, wooded parcel is forms the southeastern shoreline where Norris Reservoir cuts through Walden Ridge. It is occupied by mixed hardwood (upland and cove types) of sawtimber size. Most of the area, which was selectively harvested in the mid—1970s, is now various aged, ranging from 30 to 100 years old. White oak, hickory, sugar maple, white ash, and chestnut oak are the dominant species, with red maple, blackgum, and sourwood in the mid and understories. This parcel receives some hunting use and camping is light along the northern shoreline.

Combined with portions of Parcels 199, 264, and 266 this parcel forms a unique visual corridor as seen by reservoir users. The remainder of this parcel should have managed activities that would not change the general visual character of the landscape. This parcel was placed in Zone 3 to protect these sensitive resources. Informal recreational use can continue to be allowed, to the extent that it does not negatively impact the visual integrity that Zone 3 is designed to protect. Requests for water use facilities will not be considered.

Parcel 204

Allocation:	Zone 7 – Developed Recreation
Acres:	183.72
Feet of Shoreline:	75,776.34
Stream Location:	Clinch River mile 131R
Hydrologic Unit:	5-190
County:	Claiborne
Water Use Facilities	Yes

This parcel lies along the northern bank of the Clinch River arm of Norris Reservoir beginning at approximately Clinch River mile 127.5 and ending at the Lone Mountain Creek embayment (approximately Clinch River mile 133.5). It is adjacent to Lone Mountain Shores Subdivision, and current data show 23 permitted structures associated with this parcel. The TVA property line follows the 1044-foot contour elevation. Reservoir fringe wetlands occur in numerous coves along this parcel's shoreline

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backing property developed for residential use. Requests for additional water use facilities will be considered. Some segments of shoreline along this parcel have been classified under the shoreline categorization system as Shoreline Protection. Within this category, all significant resources are to be protected. These protected shoreline segments contain wetland areas which have been designated as protected areas by agreement with the Lone Mountain Shores developers. Shoreline alterations would not be permitted within the shoreline protection category. The balance of shoreline along this parcel has been placed in the remaining two categories. Segments classified as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining segments of shoreline in this parcel have been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

A day marker, important for navigational reference, is located on this parcel. This day marker does not interfere with Zone 7 activities.

Parcel 205

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	176.49
Feet of Shoreline:	13,067.91
Stream Location:	Clinch River mile 133.3R
Hydrologic Unit:	5-190
County:	Claiborne
Water Use Facilities	No

A variety of forest conditions occur on this parcel which includes much of the shoreline of the Lone Mountain Creek embayment. Upland hardwood occupies over 50 percent of the area, and is dominated by white oak, scarlet oak, southern red oak, and hickory. Generally, tree quality and stocking are good for these stands. Redcedar invaded an old-field on the north central portion of this parcel shortly after purchase, but is only pole size because of shallow, rocky soils with low site productivity. Mixed pine-hardwood is found on scattered areas that were formerly old-fields. The pine component in these stands is beginning to deteriorate, leaving hardwood to occupy the

sites. The southernmost segment, on the left descending bank, apparently has no overland access for TVA. Bank fishing is a prominent public use on this parcel.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation, visual resources, and to ensure its continued availability for informal recreation use. The undeveloped landscape of this parcel bounds most of a cove, providing a welcome refuge from the main channel. Any management activities taking place on this parcel should be planned with sensitivity to maintaining the visual integrity of the site. Requests for water use facilities will not be considered.

Parcel 206

Allocation: Zone 6 – Developed Recreation
Acres: 3.99
Feet of Shoreline: 869.43
Stream Location: Clinch River mile 133.3R
Hydrologic Unit: 5-190
County: Claiborne
Water Use Facilities Yes

This is one of 27 tracts transferred (Contract No. TV-18703A) to the Tennessee Wildlife Resources Agency in 1958. This contract transfers land in fee above the 1052-foot contour elevation and includes an appurtenance that provides a recreation easement from the 1052-foot contour elevation to the waters of Norris Reservoir. Certain recreation facilities were approved at the 1020-foot contour elevation, and other recreation facilities and infrastructure were approved above the 1034-foot contour elevation. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval. This is 1 of 11 tracts in the contract that provided a permanent easement from a specified contour to the waters of Norris Reservoir. This parcel was placed in Zone 6 to support the backlying land use. Requests for commercial or public water use facilities will be considered.

Parcel 207

Allocation: Zone 3 – Sensitive Resource Management
• Visual
Acres: 13.12
Feet of Shoreline: 3,154.43
Stream Location: Big Sycamore Creek mile .5 (Island)
Hydrologic Unit: 5-210
County: Claiborne
Water Use Facilities No

This parcel is an island that lies in a narrow passage just before the confluence of Big Sycamore Creek with the Clinch River. Sawtimber-size upland and northern hardwood occupy this parcel,

which has excellent site quality on the north-facing, northern half. Yellow poplar, northern red oak, white oak, white ash, and sugar maple are the dominant trees and generally exceed 100 years of age. Little public use occurs on this parcel, which becomes an island during summer reservoir levels. Islands are visual focal points that should be protected to enhance the aesthetic quality of the reservoir. Also, this parcel can be important riparian habitats for wetland mammals, wading birds, migrant waterfowl, raptors, nesting wood ducks, and songbirds. This parcel was placed in Zone 3 to protect these sensitive resources. Requests for water use facilities will not be considered.

Parcel 208

Allocation: Zone 4 - Natural Resource Conservation
Acres: 59.41
Feet of Shoreline: 7,401.56
Stream Location: Big Sycamore Creek mile 1R
Hydrologic Unit: 5-210
County: Claiborne
Water Use Facilities No

This parcel on the east end of Middle Ridge at the mouth of the Long Creek embayment, consists of two sections. The southern peninsula of is primarily large sawtimber upland and northern hardwood. This stand, which is dominated by white ash, beech, yellow poplar, white oak, and sugar maple, exceeds 100 years of age and is experiencing some mortality. Two old-field stands of Virginia pine and mixed hardwood occupy the flatter areas on the north and south ends. These stands, which were in agricultural use at the time of purchase, are now sawtimber size. The smaller northern segment is also a reverted old-field and is comprised of mature Virginia pine that is beginning to decline. TVA retained a right-of-way to this parcel along the Southern Railway, across former TVA Tract Nos. XNR-484 and -485. There is little public use on the area due to poor overland access, although some campers and fishermen may access this parcel by boat. This parcel was placed in Zone 4 to conserve wildlife habitat and shoreline vegetation and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 209

Allocation: Zone 6 – Developed Recreation
Acres: 65.38
Feet of Shoreline: 9,528.71
Stream Location: Big Sycamore Creek mile1R
Hydrologic Unit: 5-210
County: Claiborne
Water Use Facilities Yes

This parcel is on the right descending bank of Long Branch embayment. Three separate recreation land documents cover this parcel: (1) Contract No. TV-48580A was executed in 1978 giving Claiborne County a 30-year recreation easement over 38.9 acres; (2) a small tract was transferred (Contract No. TV-39841A) to the Tennessee Wildlife Resources Agency in 1958; and (3) Contract No. TV-39841A provides mooring rights for Lone Mountain Dock, which is on the left bank of the embayment. The contract with Claiborne County expires in 2008. Although originally used for skeet and trap shooting, no facilities supporting recreation use are present. The Tennessee Wildlife Resources Agency tract is not developed, but is used for bank fishing and swimming. This parcel was placed in Zone 6 to reflect the current land use. Requests for public water use facilities will be considered.

A TVA power line bisects this parcel.

Parcel 210

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	1.01
Feet of Shoreline:	N/A
Stream Location:	N/A
Hydrologic Unit:	5-210
County:	Claiborne
Water Use Facilities	No

Situated between a county road and Ball Creek, this small parcel at the back of Long Branch embayment is a reverting old-field with sparsely populated sumac and black walnut. It was placed in Zone 4 to conserve wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 211

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	40.26
Feet of Shoreline:	2,690.34
Stream Location:	Big Sycamore Creek mile 1R
Hydrologic Unit:	5-210
County:	Claiborne
Water Use Facilities	No

This parcel, located on the left descending bank near the head of Long Hollow, is a reverted old-field that is occupied primarily by pole-size eastern redcedar. Characterized by shallow soils of low productivity, many areas have exposed limestone rock. A shortleaf pine plantation occupies one to two acres along the interior of this parcel. Minor bank fishing occurs on this parcel. This parcel was placed in Zone 4 to conserve wildlife habitat and shoreline vegetation

and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

A TVA power line bisects this parcel.

Parcel 212

Allocation:	Zone 3 – Sensitive Resource Management
	• Heritage (plants)
Acres:	345.62
Feet of Shoreline:	16,545.53
Stream Location:	Big Sycamore Creek mile 1.8R
Hydrologic Unit:	5-210
County:	Claiborne
Water Use Facilities	No

Since the mid—1970s this parcel, situated at the mouth of Long Creek embayment, has received heavy resource management emphasis, including timber harvesting, wildlife habitat enhancement, and control of public use activity. Nearly half of the area was selectively harvested in the mid—1970s, concentrating on upland hardwood, primarily on the northern slopes of this parcel. As a result of this harvest, stand stocking and quality are low and regeneration is dominated by shade-tolerant species, such as red maple, beech, and blackgum, with yellow poplar in the more open areas. The southern half of this parcel has flatter topography and most was in agricultural use at the time of TVA purchase. Virginia pine, shortleaf pine, upland hardwood, and various mixtures of these types developed on the old-fields. In the mid—1980s, approximately 50 acres of Virginia pine was regenerated and is developing into predominantly upland hardwood. Currently, the remainder of the southern half is pine-hardwood of pole and sawtimber size and upland hardwood of large sawtimber size.

In 1998, wildlife habitat enhancements were conducted on this parcel, including daylighting of the existing road which bisects this parcel and runs approximately one mile to the Day Cemetery on the southwestern corner. Constructed at the same time were six openings, adjacent to the road, and in the former pine harvest area. The roads and openings are planted in wheat, orchard grass, and clover and are being managed as permanent openings by periodic mowing, seeding, and fertilizing. In addition, two small ponds were constructed to provide year-round water for wildlife and a breeding area for reptiles and amphibians. To control access to the openings, a gate was installed at the eastern end of the road.

Two cemeteries are located on this parcel—the Day Cemetery is on the southwestern point and the Tom Evans Cemetery is located on the eastern end of this parcel. Day Cemetery was purchased by TVA. The Tom Evans Cemetery was not purchased by TVA, and is maintained by private individuals who continue to use the cemetery for burials. This parcel was heavily used by the public at one time; however, access to this parcel is over a private road, and continued abuse and problems caused the landowners to close the road to all but the persons visiting the cemeteries. TVA has no developed right-of-way into this parcel, but has been granted permission by the owner of the private road to enter. TVA's legal right-of-way is across Tract

No. XNR-477 at Tyes Branch; however, construction of a road would be difficult in this area due to steep topography and rocky site conditions. Although no public road access is available to this parcel, hunters enter from the reservoir and use is moderately heavy.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation, cultural resources, and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

A TVA power line bisects this parcel.

Parcel 213

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	140.01
Feet of Shoreline:	8,063.06
Stream Location:	Big Sycamore Creek mile 3R
Hydrologic Unit:	5-210
County:	Claiborne
Water Use Facilities	No

The northern three-fourths of this parcel is characterized by steep ridges and deep hollows with upland hardwood forest cover. Most of this area was selectively harvested in the mid—1970s leaving a sparsely stocked overstory of large sawtimber beech, white oak, southern red oak, hickory, and chestnut oak. Although a road system was developed during the harvest, low stocking levels preclude merchantable harvest opportunities. Mixed shortleaf and Virginia pine occupy the southern one-fourth, which has flatter topography and was in agricultural use at the time of TVA purchase. The Virginia pine has reached maturity and mortality is increasing. An 11-acre area in the central portion was harvested in the mid—1980s taking Virginia pine. This area is regenerating to upland hardwood. TVA has no developed right-of-way into this parcel, but has been granted permission by the owner of the private road to enter. TVA's legal right-of-way is across Tract No. XNR-477 at Tyes Branch; however, construction of a road would be difficult in this area because of steep topography and rocky site conditions. Although no public road access is available to this parcel, hunters enter from the reservoir and use is moderately heavy.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation, cultural resources, and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 214

Allocation:	Zone 3 – Sensitive Resource Management
	• Cultural
Acres:	8.82
Feet of Shoreline:	3,398.49
Stream Location:	Big Sycamore Creek mile 3.7R
Hydrologic Unit:	5-210
County:	Claiborne
Water Use Facilities	No

This parcel is a narrow shoreline strip along both banks of Tyes Branch embayment. It is occupied by a variety of ecological conditions, including upland hardwood, Virginia pine, and mixed pine-cedar-hardwood. TVA retained a right-of-way across a short section of Tract No. XNR-476 to access the segment on the left bank. The right bank is the right-of-way for TVA access to Parcels 212 and 213. This parcel was placed in Zone 3 due to the presence of sensitive cultural resources. Requests for private water use facilities will not be considered.

Parcel 215

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	14.21
Feet of Shoreline:	291.59
Stream Location:	Big Sycamore Creek mile 3.7R
Hydrologic Unit:	5-210
County:	Claiborne
Water Use Facilities	No

This parcel, at the head of Tyes Branch embayment, was purchased in the late 1950s as part of the flowage acquisition to the 1044-foot contour elevation. It consists of two acquisition tracts which are separated by Tyes Branch, which bisects this parcel down the middle from the north to south. These tracts were purchased subject to outstanding watering rights for domestic and livestock use, to the stream and also a spring which is located near the northern end of this parcel. In addition, a road right-of-way was left outstanding on the eastern tract (Tract No. NR-5241). The adjacent property owner is currently allowing his cattle to graze the majority of this area. The upper portion of this parcel is occupied by pole-size cedar-hardwood and is characterized by rocky terrain.

This parcel was placed in Zone 4 to conserve the shoreline vegetation zone. Requests for water use facilities will not be considered.

Parcel 216

Allocation:	Zone 3 – Sensitive Resource Management <ul style="list-style-type: none">• Cultural• Heritage (animals)• Wetland
Acres:	194.87
Feet of Shoreline:	7,958.63
Stream Location:	Big Sycamore Creek mile 4.4R
Hydrologic Unit:	5-210
County:	Claiborne
Water Use Facilities	No

This parcel lies between Sycamore Creek and Tyes Branch embayments. Over three-fourths of this parcel was selectively harvested in the mid—1970s leaving sparsely stocked stands of beech, hickory, white oak, and yellow poplar. Residual large sawtimber trees exceed 100 years of age and are generally of low to medium quality. The understory, which developed after harvest, is dominated by red maple, beech, blackgum, and yellow poplar. Mixed stands of pine-hardwood and cedar-hardwood occupy the remaining fourth of this parcel and were formerly in agricultural use. These stands range from 50 to 80 years old and the pine composition has slowly decreased because of mortality from beetles. TVA apparently has no legal right-of-way to this parcel, since no access rights were retained when Tract Nos. XNR-475 and -476 were sold. Public use is primarily hunting, with users accessing the area from Norris Reservoir.

Identified on this parcel were one historical cultural resource site; two Tennessee state-listed special concern plants were observed during field surveys; two Tennessee state-listed in need of management mammals have been confirmed on this parcel; there is a small shaded wetland along a spring-fed stream; and fringe wetlands adjacent to a small island and along shoreline flats. Other streams were dry in early September 1999. Aquatic beds, scrub-shrub, and forested wetlands are scattered along the shoreline and among small coves. This parcel was placed in Zone 3 to protect these sensitive resources. Informal recreational use will continued to be allowed, to the extent that it does not negatively impact the sensitive resource that Zone 3 is designed to protect. Requests for water use facilities will not be considered.

Parcel 217

Allocation:	Zone 6 - Developed Recreation
Acres:	11.65
Feet of Shoreline:	5,351.99
Stream Location:	Big Sycamore Creek mile 5R
Hydrologic Unit:	5-210
County:	Claiborne
Water Use Facilities	Yes

This parcel is a narrow riparian strip around much of Sycamore Creek embayment. This is one of 32 parcels transferred (Contract No. TV-14213A) to the Tennessee Wildlife Resources Agency in 1953. This contract transfers land in fee above the 1052-foot contour elevation and includes an appurtenance that provides a recreation easement from the 1052-foot contour elevation to the waters of Norris Reservoir. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval. This parcel is undeveloped due to limited road access. It was placed in Zone 6 to reflect the current land use agreements. Requests for public water use facilities will be considered.

Parcel 218

Allocation: Zone 4 - Natural Resource Conservation
Acres: 33.92
Feet of Shoreline: 4,631.19
Stream Location: Big Sycamore Creek mile 5.3R
Hydrologic Unit: 5-210
County: Claiborne
Water Use Facilities No

This parcel is at the confluence of Sycamore Creek embayment and Big Sycamore Creek. Virginia pine and hardwood occupy this parcel which was in agricultural use at the time of TVA purchase. Large sawtimber beech, southern red oak, and hickory comprise the hardwood which is low to medium quality. The pine is experiencing significant mortality from beetles and advanced age. Honeysuckle is moderately heavy along the lakeshore and will likely become more prevalent in the openings created by dead pine. Although no developed road currently exists, access to this parcel is presumably across Parcel 217, since no right-of-ways were retained across Tract Nos. XNR-473 and-474. Hunting and camping are the dominant public uses.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 219

Allocation: Zone 3 – Sensitive Resource Management
 • Cultural
 • Wetlands
Acres: 20.87
Feet of Shoreline: 3,039.53
Stream Location: Big Sycamore Creek mile 5R
Hydrologic Unit: 5-210
County: Claiborne
Water Use Facilities No

This parcel is on a peninsula at the confluence of Sycamore Creek embayment and Big Sycamore Creek. Most of it was in agricultural use at the time of purchase and allowed to revert to forest cover. Virginia pine and redcedar are the dominant forest types with a small stand of planted shortleaf pine. Generally, the poorest sites are occupied by cedar. Mortality from beetles and advanced age is common in the pine component. Honeysuckle is prevalent on portions of this parcel and will likely increase as holes are opened by tree mortality. Although no developed roads currently exists, access to this parcel is presumably across Parcels 217 and 218, since no right-of-ways were retained across Tract Nos. XNR-473 and -474. Hunting and camping are the dominant public uses.

This parcel was placed in Zone 3 due to the presence of cultural resources and fringe wetlands present on shoreline flats, creek deltas, and in cove heads. Scrub-shrub and forested wetland areas are located near the upper northwestern end and along the southern end of this parcel in small coves and along the northeastern end of this parcel's shoreline. Requests for water use facilities will not be considered.

Parcel 220

Allocation: Zone 6 – Developed Recreation
Acres: 0.75
Feet of Shoreline: 426.48
Stream Location: Big Sycamore Creek mile 5.9R
Hydrologic Unit: 5-210
County: Claiborne
Water Use Facilities Yes

This small parcel at the Highway 25E bridge crossing of Big Sycamore Creek is under license to the Tennessee Wildlife Resources Agency. It has a gravel parking area that will accommodate 10 vehicles and boat trailers and a gravel road that leads to Norris Reservoir that is used for launching boats. This road is too steep for gravel and is heavily rutted. This parcel will have water access to the 1005-foot contour elevation.

This parcel was placed in Zone 6 to reflect the current land use. Requests for commercial or public water use facilities will be considered.

Parcel 221

Allocation: Zone 4 - Natural Resource Conservation
Acres: 0.71
Feet of Shoreline: N/A
Stream Location: Big Sycamore Creek mile 6.3R
Hydrologic Unit: 5-210
County: Claiborne
Water Use Facilities No

This parcel is typical of most marginal strip lands on TVA. It separates privately owned residential property from Norris Reservoir. The private property owners in this case do not have access rights to the water; therefore, this parcel is not listed as Zone 7 Residential Access. Typically these narrow strip lands can consist of a mixture of riparian or wetland plant species near the water's edge and mixed hardwoods or pines in the upland areas.

This parcel was placed in Zone 4 to conserve wildlife habitat and shoreline vegetation and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered

Parcel 222

Allocation: Zone 4 - Natural Resource Conservation
Acres: 22.59
Feet of Shoreline: 9,978.54
Stream Location: Big Sycamore Creek mile 6.8R
Hydrologic Unit: 5-210
County: Claiborne
Water Use Facilities No

This parcel is a narrow riparian strip along the right descending bank of Big Sycamore Creek, near the head of the embayment. Bottomland hardwood is the predominant forest community with various-size green ash, sycamore, and box elder on the drier sites and black willow and buttonball bush on the areas that are inundated during summer lake levels. Most of this parcel was in agricultural use at the time of TVA purchase, and one small tract (approximately five acres) is currently being licensed for hay production for a five-year term (NR-CB-14). The streambank adjacent to the agricultural license was stabilized to prevent erosion during 1998 and 1999. Banks were shaped and riprapped and trees were planted along the riparian zone. Bank fishing is moderately heavy during summer reservoir levels and all-terrain vehicle use occurs in some areas.

This parcel was placed in Zone 4 to conserve wildlife habitat and shoreline vegetation and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 223

Allocation: Zone 3 – Sensitive Resource Management
 • Wetlands
Acres: 83.85
Feet of Shoreline: 9,979.09
Stream Location: Big Sycamore Creek mile 6.5L
Hydrologic Unit: 5-210
County: Claiborne
Water Use Facilities No

This parcel is a riparian strip along the left descending bank of Big Sycamore Creek, at the head of the embayment. Because of slope position and topography, this parcel is occupied by a variety of ecological conditions. The flatter areas above the 1020-foot contour elevation and old creek bottom were in agricultural fields at the time of TVA purchase. One of these areas, totaling approximately seven acres, on the left bank, is currently under a five-year agricultural license (NR-CB-14) for hay production. Other old-field areas were either planted to loblolly pine in the mid-1960s or allowed to revert naturally to Virginia pine, shortleaf pine, hickory, oaks, and other hardwoods. The old creek bottom has reverted to bottomland hardwood and is dominated by pole- and sawtimber-size sycamore, box elder, green ash, and red maple. Forested and scrub-shrub wetlands occupy much of the old creek bottom that lies between the 1014- and 1020-foot contour elevations. Willow, sycamore, and buttonball bush are the prevalent species on these sites. Also included in this parcel are moderately steep upland areas, adjacent to lower slopes. Typical upland hardwood communities occupy this area; sawtimber-size hickory, black oak, white oak, and yellow poplar are the dominant species.

This parcel is one of Norris Reservoir's prime wetland areas. Extensive wetland areas and types are located within the Big Sycamore Creek embayment. Forested wetlands and scrub-shrub areas extend into the lake drawdown zone and up into the far reaches of Big Sycamore Creek.

This parcel was placed in Zone 3 to protect these sensitive resources. Requests for water use facilities will not be considered.

Parcel 224

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	6.79
Feet of Shoreline:	N/A
Stream Location:	N/A
Hydrologic Unit:	5-210
County:	Claiborne
Water Use Facilities	No

This parcel is divided by Highway 25E. The southern section of this parcel is under a five-year agricultural license (NR-CB-15) for hay production. The area along the northern side of the highway is also open and is apparently being mowed by the highway department.

This parcel was placed in Zone 4 to conserve wildlife habitat and shoreline vegetation and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 225

Allocation:	Zone 3 – Sensitive Resource Management
	<ul style="list-style-type: none"> • Heritage (plants) • Comby Ridge TVA Small Wild Area
Acres:	75.34
Feet of Shoreline:	508.81
Stream Location:	N/A
Hydrologic Unit:	5-210
County:	Claiborne
Water Use Facilities	No

Comby Ridge TVA Small Wild Area is an inland parcel located near the head of the Big Sycamore Creek embayment on the south side. The ridge forms a geologic feature uncommon in the ridge and valley. The southern third is occupied by hardwood along a steep narrow ridge. Upper slopes and the ridge top are composed of large sawtimber chestnut oak and hickory that is low quality. Large sawtimber cove hardwoods (yellow poplar, white ash, and beech) of good quality dominate the lower slopes where site productivity is higher. The northern two-thirds of this parcel was in agricultural use at the time of TVA purchase and reverted to pine-hardwood forest cover. A wildfire in 1983 caused significant mortality to the pine component. The area is now occupied by predominantly pole-size yellow poplar, hickory, and Virginia pine with a dense understory of dogwood. Honeysuckle is also present on the areas where significant fire mortality occurred.

This parcel was placed in Zone 3 to protect the sensitive resources in the small wild area. Requests for water use facilities will not be considered.

Parcel 226

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	735.45
Feet of Shoreline:	39,532.77
Stream Location:	Big Sycamore Creek mile 3L
Hydrologic Unit:	5-210
County:	Claiborne
Water Use Facilities	No

This large parcel is situated along Comby Ridge and is characterized by steep to moderate slopes. Hardwood forest communities are the dominant ecological type, comprising 78 percent of this parcel. Of the hardwood, mixed types (upland, northern, and cove) occupy 47 percent (four stands), upland types 29 percent (six stands), and northern types 24 percent (two stands). These 12 hardwood stands range in size from 9 to 179 acres and average 45 acres. Upland hardwood stands are occupied by hickory, white oak, red maple, black oak, and chestnut oak; northern hardwoods include beech, sugar maple, white ash, basswood, and yellow poplar. Mixed stands include species from both types. Much of the hardwood was selectively harvested in the

mid—1970s. As a result, these stands are now composed of various-age and size trees. Older components range from 80 to 100 years old while the younger trees average 30 to 40 years in age. Tree quality in the hardwoods is generally lower on the upper slopes and grades into medium to high quality on the lower slopes. Pine hardwood stands occupy 20 percent of this parcel in six stands. Most of these stands are reverted old-fields that are composed of Virginia pine, hickory, yellow poplar, and red maple. Stand size is predominantly small sawtimber and age averages 60 years old. Pine accounts for 2 percent of this parcel; an old-field Virginia pine stand is situated on the northeastern part.

A former agricultural license on the western end was planted to bottomland hardwood in 1998; the adjacent owner still has rights across this area for use of a spring, although they are not exercising them now. TVA retained a right of ingress and egress across Tract No. XNR-465 to access the western half of this parcel. A road enters this parcel on the western end and is heavily used by campers, bank fishermen, and hunters.

Cultural resources are present on this parcel. Aquatic beds, scrub-shrub, and forested wetlands are located along the shoreline. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation, cultural resources, and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered. A TVA power line bisects this parcel.

Parcel 227

Allocation:	Zone 3 – Sensitive Resource Management
	• Visual
Acres:	18.34
Feet of Shoreline:	4,993.00
Stream Location:	Big Sycamore Creek mile 1L
Hydrologic Unit:	5-190 and 5-210
County:	Claiborne
Water Use Facilities	No

Various-size upland hardwood occupies this riparian parcel which is a steep north-facing bluff at the confluence of Big Sycamore Creek and the Clinch River. The western portion has less severe topography. TVA retained a right of ingress and egress across Tract No. XNR-463 to access this parcel; however, no road access currently exists. There does not appear to be much public use on this parcel.

This parcel was placed in Zone 3 to protect the visual integrity of the bluffs. Requests for water use facilities will not be considered.

Parcel 228

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	83.95
Feet of Shoreline:	7,179.23
Stream Location:	Clinch River mile 135.6R
Hydrologic Unit:	5-210 and 5-190
County:	Claiborne
Water Use Facilities	No

Upland and cove hardwood types dominate this parcel which is located at the confluence of Big Sycamore Creek and the Clinch River. The southern two-thirds is a well-stocked large sawtimber upland hardwood stand that is medium to high quality. Black oak, white oak, and hickory are the most abundant species and average about 60 years of age. The northern third is cove and upland hardwood of large sawtimber size with a small pine-hardwood component. Yellow poplar, white oak, beech, northern red oak, and white ash comprise the hardwood with Virginia and shortleaf pine. TVA retained a right of ingress and egress across Tract No. XNR-463 to access this parcel; however, no road access currently exists. It is bisected on the western boundary by a railroad track. There does not appear to be much public use on this parcel.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 229

Allocation:	Zone 3 - Sensitive Resource Management
	• Visual
Acres:	45.53
Feet of Shoreline:	5,725.52
Stream Location:	Clinch River mile 136.9R
Hydrologic Unit:	5-190
County:	Claiborne
Water Use Facilities	No

The downstream two-thirds of this parcel is comprised of a high, steep ridge that is adjacent to the Clinch River; the upstream portion is a river bottom that was formerly in agricultural use. Various-size upland hardwood (white ash, scarlet oak, chinkapin oak, and hickory) and redcedar occupy the ridge portion, which includes rocky bluff areas. The upstream portion was licensed for pasture until the early 1990s when it was planted to trees. TVA retained a right of ingress and egress across Tract Nos. XNR-461, -462, and -463 to access this parcel. Because of access constraints, this parcel receives little public use.

This parcel was placed in Zone 3 to protect the visual integrity of the bluffs. Requests for water use facilities will not be considered.

A day marker, important for navigational reference, is located on this parcel. This day marker does not interfere with protecting the sensitive resources identified in this Zone 3 parcel.

Parcel 230

Allocation: Zone 3 - Sensitive Resource Management

- Visual
- Heritage (animals)

Acres: 85.34

Feet of Shoreline: 11,691.28

Stream Location: Clinch River mile 140R

Hydrologic Unit: 5-190

County: Claiborne

Water Use Facilities No

This parcel, which is situated along the Clinch River corridor, includes an area known as Shelton Bluff features. It has steep, rocky topography with shallow soils and limestone rock. The dominant ecological communities include mixed cedar-hardwood and old-field Virginia pine. Hardwood species are typical of those found on poor, rocky sites, including post oak, white ash, and hickory. The western half of the peninsula is a former pasture that reverted to pine shortly after TVA purchase. TVA retained a right of ingress and egress to this parcel over Tract Nos. XNR-460, -524, and -525. Little public use occurs on this parcel. Scrub-shrub wetlands are located along the shoreline between Clinch River mile 140 and 141. A bald eagle was seen on this parcel.

This parcel was placed in Zone 3 to protect the visual integrity of the bluffs and the eagle habitat. Requests for water use facilities will not be considered.

A day marker, important for navigational reference is located on this parcel. . This day marker does not interfere with protecting the sensitive resources identified in this Zone 3 parcel.

Parcel 231

Allocation: Zone 3 - Sensitive Resource Management

- Visual

Acres: 63.97

Feet of Shoreline: 11,588.78

Stream Location: Clinch River mile 143R

Hydrologic Unit: 5-190

County: Claiborne

Water Use Facilities No

Over half of this parcel was in agricultural use at the time of purchase, most likely in pasture. Site quality is low over most of the area with shallow, rocky soils. Eastern redcedar occupies most of this parcel, and is the result of old-field reversion. These stands are only pole-size and

exceed 50 years of age. A strip of upland hardwood occupies the northern bend area with chinkapin oak, white ash, and sugar maple the dominant species. TVA retained a right of ingress and egress to this parcel over Tract Nos. XNR-521, -522, and -523. Little public use occurs on the area.

This parcel was placed in Zone 3 to protect the visual integrity of the bluffs. Requests for water use facilities will not be considered.

Parcel 232

Allocation: Zone 4 - Natural Resource Conservation
Acres: 119.44
Feet of Shoreline: 22,552.17
Stream Location: Clinch River mile 146.5R
Hydrologic Unit: 5-190
County: Claiborne
Water Use Facilities No

A variety of forest conditions occupy this riparian strip on Condry Bend, characterized by steep, rocky slopes of poor site quality and narrow, flat river bottoms with high site quality. Slopes are comprised of upland-hardwood, cedar-hardwood, and pine-cedar-hardwood. These stands are generally low quality and poor form with little forestry potential. Hardwood species include hickory, white ash, chinkapin oak, sugar maple, and scarlet oak. Virginia pine and redcedar are the most common species along the bottoms, which were formerly in agricultural use. TVA retained a right of ingress and egress to this parcel over Tract Nos. XNR-516, -517, -518, -519, -520, and -521. The dominant public uses are bank fishing, hunting, and all-terrain vehicle users.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation, visual resources, and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered. This parcel is part of a larger area that may be a candidate for a river corridor.

A day marker located on this parcel. Day markers are important for navigational reference. This day marker does not interfere with Zone 4 activities.

Parcel 233

Allocation: Zone 4 - Natural Resource Conservation
Acres: 15.81
Feet of Shoreline: 7,735.51
Stream Location: Clinch River mile 149.8R
Hydrologic Unit: 5-190
County: Claiborne
Water Use Facilities No

This parcel, located near the head of the Clinch River embayment, is typical of most marginal strip land, separating privately owned residential property from Norris Reservoir. The private property owners in this case do not have access rights to the water; therefore, this parcel was not placed in Zone 7. Typically, this narrow strip land can consist of a mixture of riparian or wetland plant species near the water's edge and mixed hardwoods or pines in the upland areas.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 234

Allocation: Zone 6 - Developed Recreation
Acres: 8.94
Feet of Shoreline: 4,420.84
Stream Location: Clinch River mile 151.7R
Hydrologic Unit: 5-190
County: Grainger
Water Use Facilities Yes

This parcel, located near the head of the Clinch River embayment, includes two sections. One section is accessed north off of Highway 25E and under the bridge. There is a concrete launching ramp at the bridge and a gravel launching ramp approximately 600 yards downstream. Each of these ramps has a parking area that will accommodate three to five vehicles and boat trailers. The second section is a marginal strip on the south side of the reservoir, below the Highway 25E bridge that can be accessed from Highway 25E for bank fishing.

This parcel was placed in Zone 6 to reflect the current land use. Requests for commercial or public water use facilities will be considered.

Parcel 235

Allocation: Zone 3 - Sensitive Resource Management
• Heritage (aquatic animal)
Acres: 0.88
Feet of Shoreline: 1,195.58
Stream Location: Clinch River mile 152R
Hydrologic Unit: 5-190
County: Claiborne
Water Use Facilities No

This is the most upstream piece of TVA-managed property on Norris Reservoir. It is a narrow riparian strip, occupied by sawtimber-size sycamore, green ash, and box elder. It is a popular bank fishing area.

This parcel was placed in Zone 3 due to the presence of a mussel sanctuary in the waterway fronting this parcel . Requests for water use facilities will not be considered.

Parcel 236

Allocation: Zone 7 - Residential Access
Acres: 5.39
Feet of Shoreline: 4,546.78
Stream Location: Clinch River mile 152.5L
Hydrologic Unit: 5-190
County: Grainger
Water Use Facilities Yes

This parcel is located along the southern bank of the upper reaches of the Clinch River from approximately Clinch River mile 150 to 151. There are no adjacent subdivisions associated with this parcel, but current data show there are three permitted structures. The TVA property line varies between the 1034- and 1044-foot contour elevations. The entire length of shoreline along this parcel is a riparian zone with areas of reservoir fringe wetlands.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backing property developed for residential use. Requests for additional water use facilities will be considered. Under the shoreline categorization system, this parcel has been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 237

Allocation: Zone 4 - Natural Resource Conservation
Acres: 161.60
Feet of Shoreline: 19,082.40
Stream Location: Clinch River mile 149L
Hydrologic Unit: 5-190 and 5-200
County: Grainger
Water Use Facilities No

The southern half of this parcel was apparently in agricultural use at the time of TVA purchase. This parcel is characterized by shallow, limestone soils that are only moderately productive. Approximately 20 acres of this, on the southernmost area, was planted to white pine in the mid-1970s and has grown well on the site. The remainder of this half reverted to redcedar and upland hardwood. Large sawtimber northern hardwood occupies the steep ridge in the bend of the Clinch River on the northern half. Yellow poplar, northern red oak, basswood, sugar maple,

and buckeye are the dominant species. The riparian strip along the northern half varies from northern hardwood on the steep slopes of the downstream section to bottomland hardwood on the flat river bottoms of the upstream section. Bottomland species include sycamore, green ash, box elder, and red maple. The southeastern portion of this parcel receives moderate to heavy bank fishing and minor camping.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

A day marker, important for navigational reference, is located on this parcel. . This day marker does not interfere with Zone 4 activities.

Parcel 238

Allocation: Zone 4 - Natural Resource Conservation
Acres: 0.48
Feet of Shoreline: N/A
Stream Location: Clinch River mile
Hydrologic Unit: 5-190
County: Grainger
Water Use Facilities No

This parcel is a remnant, an isolated parcel that borders an old road which is no longer in use. It is comprised of various-size sycamore, box elder, hickory, and elm.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 239

Allocation: Zone 3 - Sensitive Resource Management
• Wetlands
Acres: 45.66
Feet of Shoreline: 15,013.63
Stream Location: Clinch River mile 148.2L
Hydrologic Unit: 5-190 and 5-200
County: Grainger
Water Use Facilities No

Bottomland hardwood dominates this parcel, which includes the land on both sides of Indian Creek, north of Highway 25E. Most of this parcel was in agricultural use at the time of TVA purchase and remained in agricultural use for several years. Currently, only one are, an 11-acre tract at the upstream portion of this parcel, is still under agricultural license (NR-G-17) for hay

and pasture. The remainder has reverted to bottomland hardwood over the last 20 to 40 years. Bottomland hardwood occupies these former fields with sycamore, green ash, and box elder on the drier sites and black willow and buttonball bush on the areas that are inundated by summer water levels. A narrow fringe of upland hardwood is present on the slopes that border the creek on the east bank.

This parcel was placed in Zone 3 due to the presence of some of the most significant wetlands on Norris Reservoir. Requests for water use facilities will not be considered.

Parcel 240

Allocation: Zone 7 - Residential Access
Acres: 1.36
Feet of Shoreline: 1,272.28
Stream Location: Clinch River mile 148L
Hydrologic Unit: 5-190
County: Grainger
Water Use Facilities Yes

This parcel is located along the southern bank of the Clinch River arm of Norris Reservoir at the mouth of Indian Creek. There are no adjacent subdivisions, and current data show no permitted structures associated with this parcel. The TVA property line runs along the 1034-foot contour elevation. Reservoir fringe wetlands exist on the eastern end of this parcel.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for water use facilities will be considered. Under the shoreline categorization system, this parcel has been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 241

Allocation: Zone 6 - Developed Recreation
Acres: 7.04
Feet of Shoreline: 4,704.33
Stream Location: Clinch River mile 147.7L
Hydrologic Unit: 5-190
County: Grainger
Water Use Facilities Yes

This is one of 27 tracts transferred (Contract No. TV-18703A) to the Tennessee Wildlife Resources Agency in 1958. This contract transfers land in fee above the 1052-foot contour elevation and includes an appurtenance that provides a recreation easement from the 1052-foot contour elevation to the waters of Norris Reservoir. Some recreation facilities were approved at the 1020-foot contour elevation, and other recreation facilities and infrastructure were approved above the 1034-foot contour elevation. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval. A small gravel parking lot for five to seven vehicles and a concrete boat ramp are present. Area receives informal camping in spring during white bass and walleye runs. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval.

This parcel was placed in Zone 6 to reflect the current land use. Requests for additional public water use facilities will be considered.

Parcel 242

Allocation: Zone 4 - Natural Resource Conservation
Acres: 1.05
Feet of Shoreline: N/A
Stream Location: Clinch River mile 149.2L
Hydrologic Unit: 5-190
County: Grainger
Water Use Facilities No

This small, inland parcel is bisected by a road and power line and has scattered bottomland hardwood (sycamore and box elder) and redcedar. A small creek runs through this parcel.

This parcel was placed in Zone 4 to conserve wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 243

Allocation: Zone 4 - Natural Resource Conservation
Acres: 38.27
Feet of Shoreline: 6,359.29
Stream Location: Clinch River mile 145L
Hydrologic Unit: 5-190
County: Grainger
Water Use Facilities No

Upland and northern hardwood stands occupy this narrow riparian strip on the south bank of Condry Bend. The north-facing slope on the upstream half is occupied by well-stocked, small sawtimber white ash, sugar maple, northern red oak, and basswood. Large sawtimber white oak, white ash, and yellow poplar dominate the southern half. These stands vary from 70 to 90 years of age and appear to be in good condition. TVA retained a right of ingress and egress to this parcel across Tract No. XNR-492.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 244

Allocation: Zone 4 - Natural Resource Conservation
Acres: 9.84
Feet of Shoreline: 6,458.65
Stream Location: Clinch River mile 144L
Hydrologic Unit: 5-190
County: Grainger
Water Use Facilities No

This parcel, on the south side of McCullough Bend, is typical of most marginal strip land, separating privately owned residential property from Norris Reservoir. The private property owners in this case do not have access rights to the water; therefore, this parcel was not placed in Zone 7. Typically these narrow strip lands can consist of a mixture of riparian or wetland plant species near the waters edge and mixed hardwoods or pines in the upland areas. This parcel was placed in Zone 4 to conserve wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 245

Allocation: Zone 3 - Sensitive Resource Management
• Visual
Acres: 49.57
Feet of Shoreline: 10,908.96
Stream Location: Clinch River mile 142L
Hydrologic Unit: 5-190
County: Grainger
Water Use Facilities No

Forest cover on this parcel is composed of upland-hardwood, cedar-hardwood, Virginia pine, and redcedar. Site quality is poor over much of this parcel because of shallow, rocky soils. Black oak, scarlet oak, hickory, and beech are the most common hardwoods found and vary from pole to large sawtimber size. TVA retained a right of ingress and egress to this parcel across Tract No. XNR-491. This parcel was placed in Zone 3 due to the presence of sensitive visual resources. Requests for water use facilities will not be considered.

Parcel 246

Allocation: Zone 7 - Residential Access
Acres: 25.68
Feet of Shoreline: 17,545.00
Stream Location: Clinch River mile 140.2L
Hydrologic Unit: 5-190
County: Grainger
Water Use Facilities Yes

This parcel begins near the eastern end of Cracker Creek embayment and extends to approximately Clinch River mile 140. There are no adjacent subdivisions, but current data show two permitted structures associated with this parcel. The TVA property line runs along the 1044-foot contour elevation. Reservoir fringe wetlands are present in coves along and near the mouth of Cracker Creek.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backing property developed for residential use. Requests for additional water use facilities will be considered. Under the shoreline categorization system, this parcel has been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 247

Allocation: Zone 4 - Natural Resource Conservation
Acres: 19.10
Feet of Shoreline: 6,045.43
Stream Location: Clinch River mile 138.8L
Hydrologic Unit: 5-190
County: Grainger
Water Use Facilities No

This parcel, a narrow riparian strip at the back of Cracker Creek embayment, is bisected by a county road and Puncheon Camp Creek. It is occupied by pole- and small-sawtimber bottomland hardwood (sycamore, green ash, and box elder) along the creek, south of the road. North of the road is a fringe of riparian cover that includes poor, rocky soils with cedar-pine-hardwood and bottomland hardwood. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 248

Allocation: Zone 7 - Residential Access
Acres: 38.27
Feet of Shoreline: 16,619.05
Stream Location: Clinch River mile 138.8L
Hydrologic Unit: 5-190
County: Grainger
Water Use Facilities Yes

This parcel is located along the southern bank of the Clinch River arm of Norris Reservoir, beginning at Clinch River mile 137.5 and ending within the Cracker Creek embayment (approximately Clinch River mile 139). There are no adjacent subdivisions, but current data show one permitted structure associated with this parcel. The TVA property line lies along the 1044-foot contour elevation. There are reservoir fringe wetlands located along the Dutch Valley Creek embayment southeast of Log Mountain and along the shore of Cracker Creek Cove.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional water use facilities will be considered. Under the shoreline categorization system, this parcel has been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 249

Allocation: Zone 4 - Natural Resource Conservation
Acres: 4.51
Feet of Shoreline: N/A
Stream Location: Clinch River mile 138.8 L
Hydrologic Unit: 5-190
County: Grainger
Water Use Facilities No

This small parcel on the west side of the Cracker Creek embayment is bisected by Cracker Creek. It has a variety of ecological conditions, including bottomland hardwood (sycamore, green ash, and box elder) along the bottom, cedar-hardwood along the upland fringes, and approximately one acre is being mowed for hay without a license or permit.

A TVA power line bisects this parcel.

Parcel 250

Allocation: Zone 4 - Natural Resource Conservation
Acres: 344.26
Feet of Shoreline: 14,885.99
Stream Location: Clinch River mile 137.7L
Hydrologic Unit: 5-190
County: Grainger
Water Use Facilities No

This large parcel begins on the south bank of the Clinch River embayment at the confluence with Sycamore Creek. Dutch Valley Creek bisects the lower portion. It has a number of different topographic conditions, including steep slopes, flat ridge tops, and bottoms, with varying forest communities. Generally, the poorer sites, which have shallow, rocky soils, are occupied by pine, cedar, and hardwood mixtures. Most of these stands, which comprise about 29 percent of the forest cover, are former pastures that reverted after purchase. Redcedar composition tends to increase on the rockier sites while Virginia pine is most common on the less calcareous sites. Upland hardwood occupies 43 percent of this parcel, ranging from sapling to large sawtimber size. Many of the sawtimber stands (approximately 75 acres) were selectively harvested in the mid—1970s and are now sparsely stocked with hickory, white oak, sugar maple, and scarlet oak. The remaining hardwood is adequately stocked with a variety of oaks, hickory, yellow poplar, and white ash. Pine stands include planted loblolly and shortleaf, and naturally reverted Virginia pine. These stands are situated on areas that were in agricultural use at the time of TVA purchase. Mortality from southern pine beetles and advanced age has reduced stocking in these stands and will increase as time goes on. A 10-acre tract in the central portion is licensed for hay production (NR-G-16). There is good public access by county roads which border this parcel. This parcel receives moderate to heavy use by campers, fishermen, hunters, and off-road vehicle users. Scrub-shrub wetland areas are located near the northwestern end of this parcel. This

parcel was placed in Zone 4 to conserve wildlife habitat and shoreline vegetation, cultural resources, and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 251

Allocation: Zone 3 - Sensitive Resource Management
 • Visual
Acres: 91.34
Feet of Shoreline: 10,042.52
Stream Location: Clinch River mile 136.4L
Hydrologic Unit: 5-190
County: Grainger
Water Use Facilities: No

This parcel is a steep slope in the bend of the Clinch River just above the confluence with Sycamore Creek. The northern outlet for the abandoned Oakman Railroad Tunnel is on this parcel. Forest composition along the steeper area is upland and cove hardwoods of various size. Hickory, sugar maple, chinkapin oak, and buckeye are the dominant species on this predominantly north-facing slope. A small patch of old-field Virginia pine is located on the northwestern tip where topography is less severe. This very steep bluff, located on the outside shoreline of a sharp bend in the Clinch River, exhibits unusual rock formations and has a number of cave-type depressions. Little public use occurs on this parcel because of the extreme topography. This parcel was placed in Zone 3 to protect the visual integrity of the bluffs. Requests for water use facilities will not be considered.

Parcel 252

Allocation: Zone 7 - Residential Access
Acres: 5.52
Feet of Shoreline: 4,075.86
Stream Location: Clinch River mile 134.5L
Hydrologic Unit: 5-190
County: Grainger
Water Use Facilities: Yes

This parcel is located along the southern bank of the Clinch River arm (left bank) of Norris Reservoir at Clinch River mile 134.5, just below the confluence with Sycamore Creek. There are no adjacent subdivisions, but current data show two permitted structures associated with this parcel. The TVA property line runs along the 1044-foot contour elevation. Current data show no reservoir fringe wetlands along this parcel.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional water use facilities will

be considered. Under the shoreline categorization system, this parcel has been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 253

Allocation: Zone 4 - Natural Resource Conservation
Acres: 264.16
Feet of Shoreline: 21,563.15
Stream Location: Clinch River mile 132L
Hydrologic Unit: 5-190
County: Grainger
Water Use Facilities No

This parcel is locally known as Arnwine, Hammerhead, and Wallop Hollow. Over half of it was selectively harvested in the mid—1970s; however, most of these areas are still adequately stocked with desirable trees. Generally, site quality is medium to high because of the predominantly north-facing slopes that comprise this parcel. Sawtimber-size cove hardwood comprises nearly half of the forest composition and is dominated by northern red oak, white oak, yellow poplar, beech, and hickory. Mixed pine-hardwood occupies about one-fourth of the area, although pine composition continues to decrease due to pine beetle associated mortality. Mortality is also high in Virginia pine stands, which comprise most of the remaining area. Pine-hardwood and Virginia pine stands are the result of reversion on old-fields. A former Virginia pine stand on the northwest corner has been replaced by kudzu, which continues to spread on this parcel as well as Parcel 254. A significant effort is needed to eradicate this pest from the area. This parcel receives medium to heavy use for camping, bank fishing, hunting, and off-road vehicle use.

This parcel was placed in Zone 4 to conserve wildlife habitat and shoreline vegetation and to ensure its continued availability for informal recreation use. There is one permitted boat ramp and one unauthorized dock on this parcel. No other water use facilities will be permitted.

Parcel 254

Allocation:	Zone 3 - Sensitive Resource Management
	<ul style="list-style-type: none"> • Cultural • Wetland • Heritage (plant) • Visual
Acres:	156.30
Feet of Shoreline:	15,054.54
Stream Location:	Clinch River mile 133L
Hydrologic Unit:	5-190
County:	Grainger
Water Use Facilities	No

Most of this parcel was in agricultural use at the time of purchase. Approximately 65 percent reverted to Virginia pine which now has significant mortality from beetles and advanced age, and a large portion has been invaded by kudzu. The southwest area, which is a moderately steep ridge, is occupied by beech, hickory, and hemlock of large sawtimber size. Upland and cove hardwoods, which was selectively harvested in the mid—1970s, comprises a 30-acre stand along the northcentral ridge. Beech and hickory dominate the overstory with sugar maple, yellow poplar, and white ash the most common species in the understory. As Parcel 253, a significant effort is needed to eradicate kudzu from this parcel. This parcel is bisected by a gravel road which is periodically maintained by Grainger County. Public use includes camping, bank fishing, and hunting.

Cultural resources are present. Forested wetland areas are located along the southwestern area in Wallop Hollow. Toward the center of this parcel there is a 0.5-acre herbaceous wetland associated with a shallow, meandering rocky stream, paralleling the access road. Numerous moss covered logs are present within the dense vegetation. The wetland area has a thick layer of organic material (not sphagnum) that creates a quaking bog effect. A Tennessee state-listed special concern plant was found in the ravine area. One historically significant cemetery was identified. This parcel has scenic bluffs with cedar and hemlock covered sections of the steep shoreline terrain which provide a uniqueness to the visual quality of this reservoir section. This parcel was placed in Zone 3 to protect these sensitive resources. Requests for water use facilities will not be considered.

Parcel 255

Allocation:	Zone 6 - Developed Recreation
Acres:	1.75
Feet of Shoreline:	707.18
Stream Location:	Clinch River mile 132.1L
Hydrologic Unit:	5-190
County:	Grainger
Water Use Facilities	Yes

Grainger County, Tennessee, has a license (Contract No. TV-56136A) to use this parcel for recreation purposes. Facilities include a gravel parking area for five to seven vehicles and a concrete launching ramp to the 1000-foot contour elevation. This parcel was placed in Zone 6 to reflect the current land use. Requests for additional public water use facilities will be considered.

Parcel 256

Allocation: Zone 6 - Developed Recreation
Acres: 2.70
Feet of Shoreline: 1,212.66
Stream Location: Clinch River mile 131L
Hydrologic Unit: 5-190
County: Grainger
Water Use Facilities Yes

This is one of 27 tracts transferred (Contract No. TV-18703A) to the Tennessee Wildlife Resources Agency in 1958. This contract transfers land in fee above the 1052-foot contour elevation and includes an appurtenance that provides a recreation easement from the 1052-foot contour elevation to the water. Some recreation facilities were approved at the 1020-foot contour elevation and other recreation facilities and infrastructure were approved above the 1034-foot contour elevation.

Parcel 257

Allocation: Zone 4 - Natural Resource Conservation
Acres: 355.98
Feet of Shoreline: 11,700.91
Stream Location: Clinch River mile 130.7L
Hydrologic Unit: 5-190
County: Grainger
Water Use Facilities No

This parcel large parcel, located directly across the reservoir from Loan Mountain Subdivision. It was placed in Zone 4 to conserve wildlife habitat and shoreline vegetation, visual resources, and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered. It is best described in two sections:

Section 1: The northern boundary of the eastern section is a steep, rocky bluff along the shoreline that is occupied by oaks, hickory, and sugar maple. Situated on a north-facing slope, the southern two-thirds is cove hardwood and Virginia pine-cove hardwood. The hardwood was selectively harvested in the mid-1970s and is now dominated by yellow poplar, sugar maple, northern red oak, and hickory. The Virginia pine has reached maturity and is rapidly declining with significant mortality. TVA retained a right of ingress and egress and a 30-foot right-of-way across Tract No. XNR-451 to access this section.

Section 2: The western section is composed of two ridges which run in an east-west direction and varies from steep slopes to more gradual topography. Sawtimber-size upland hardwood is the dominant forest cover, comprising about three-fourths of the area. Although nearly half of this type was selectively harvested in the mid—1970s, stand stocking levels are adequate, with beech, hickory, white oak, black oak, and chestnut oak the most common canopy species. Site quality is medium to good over most of the hardwood, with a predominance of north-facing aspects. The remainder of this section, which is primarily west- and south-facing aspects, has lower site quality, and is occupied by Virginia pine, cedar-hardwood, and pine-hardwood. These stands are generally low quality, with pole- and small-sawtimber Virginia and shortleaf pine, scarlet oak, chinkapin oak, white ash, and redcedar. TVA retained a right of ingress and egress and a road foot right-of-way across Tract No. XNR-449 to access this section. Public use is limited to hunting.

Parcel 258

Allocation: Zone 3 - Sensitive Resource Management
 • Visual
Acres: 57.74
Feet of Shoreline: 8,715.03
Stream Location: Clinch River mile 129.5L
Hydrologic Unit: 5-190
County: Grainger
Water Use Facilities No

This parcel is best described in two sections.

Section 1: The mainland section, known as Long Bluff, is occupied by beech, oak, and yellow poplar. TVA retained a right of ingress and egress and a road foot right-of-way across Tract No. XNR-449 to access this parcel. This steep shoreline bluff exhibits unique rock formations that enhance the scenic reservoir resources.

Section 2: At summer reservoir levels this section is an island. The southern third is an old-field Virginia pine stand which has reached maturity and is experiencing significant mortality. Large sawtimber upland hardwood, which exceeds 90 years of age, occupies the northern portion. This hardwood was selectively harvested in the mid-1970s and stocking levels are low as a result. Beech, hickory, yellow-poplar, and oaks are the dominant species.

This parcel was placed in Zone 3 to protect the visual integrity of the bluffs and the island. Islands are visual focal points that should be protected to enhance the aesthetic quality of Norris Reservoir. This island exhibits unique rock formations and supports a mix of large hardwoods and evergreen tree cover.. Requests for water use facilities will not be considered.

Parcel 259

Allocation: Zone 6 - Developed Recreation
Acres: 5.84
Feet of Shoreline: 2,025.23
Stream Location: Clinch River mile 128.6L
Hydrologic Unit: 5-190
County: Grainger
Water Use Facilities No

This is one of 27 tracts transferred (Contract No. TV-18703A) to the Tennessee Wildlife Resources Agency in 1958. This contract transfers land in fee above the 1052-foot contour elevation and includes an appurtenance that provides a recreation easement from the 1052-foot contour elevation to the water. Some recreation facilities were approved at the 1020-foot contour elevation, and other recreation facilities and infrastructure were approved above the 1034-foot contour elevation. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval. There is a small gravel parking lot for five to seven vehicles and the shoreline of the reservoir is used for launching boats. The potential for additional development, other than concrete ramp, does not exist. This parcel was placed in Zone 6 to reflect the current land use. A request for a concrete boat ramp will be considered.

Parcel 260

Allocation: Zone 7 - Residential Access
Acres: 26.48
Feet of Shoreline: 13,098.62
Stream Location: Clinch River mile 128.5L
Hydrologic Unit: 5-190
County: Grainger
Water Use Facilities Yes

This parcel is located in the areas where Hogskin and William Creeks enter Norris Reservoir. An embayment is formed by these two streams entering the Clinch River. There are no adjacent subdivisions, but current data show four permitted structures associated with this parcel. The TVA property line runs along the 1044-foot contour elevation. Reservoir fringe wetlands exist in a secondary cove on the western edge of the main cove and near the mouth of Hogskin Creek.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional water use facilities will be considered. Under the shoreline categorization system, the shoreline of this parcel has been placed in two categories. Segments categorized as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining segments of shoreline in this parcel have been

placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 261

Allocation:	Zone 6 - Developed Recreation
Acres:	11.94
Feet of Shoreline:	3,152.44
Stream Location:	Clinch River mile 127.9L
Hydrologic Unit:	5-190
County:	Grainger
Water Use Facilities	No

This is one of 27 tracts transferred (Contract No. TV-18703A) to the Tennessee Wildlife Resources Agency in 1958. This contract transfers land in fee above the 1052-foot contour elevation and includes an appurtenance that provides a recreation easement from the 1052-foot contour elevation to the water. Some recreation facilities were approved at the 1020-foot contour elevation, and other recreation facilities and infrastructure were approved above the 1034-foot contour elevation. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval. Informal camping and some boat launching from the shoreline are occurring on this parcel. This parcel was placed in Zone 6 to reflect the current and backlying land use. Requests for commercial or public water use facilities will be considered.

Parcel 262

Allocation:	Zone 7 - Residential Access
Acres:	72.36
Feet of Shoreline:	32,322.36
Stream Location:	Clinch River mile 127.7L
Hydrologic Unit:	5-190
County:	Grainger and Union
Water Use Facilities	Yes

This long parcel is located along the Black Fox Creek embayment of the Clinch River arm of Norris Reservoir, adjacent to Black Fox Subdivision (Phases 1, 2, and 3). Current data show 22 permitted structures associated with this parcel. The TVA property line generally lies along the 1044-foot contour elevation, but does occasionally vary to the 1034-foot contour elevation. Reservoir fringe wetlands exist in the small coves along the shore and near the head of this embayment.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional water use facilities will be considered. Under the shoreline categorization system, the shoreline of this parcel has been placed in two categories. Segments categorized as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining segments of shoreline in this parcel have been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made. A day marker, important for navigational reference, is located on this parcel.. This day marker does not interfere with Zone 7 activities.

Parcel 263

Allocation: Zone 4 - Natural Resource Conservation
Acres: 4.54
Feet of Shoreline: 1,192.86
Stream Location: Clinch River mile 127.7L
Hydrologic Unit: 5-190
County: Grainger
Water Use Facilities No

This parcel was once conveyed to the Tennessee Wildlife Resources Agency for recreational use, but has been reconveyed to TVA. Vegetation is consistent with narrow strip shoreline areas with a mix of some riparian species of trees and other plants and a mix of upland hardwoods and pines. It was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. Developed recreational use is not being considered for this site; therefore, requests for water use facilities will not be considered.

Parcel 264

Allocation: Zone 3 - Sensitive Resource Management
• Visual
Acres: 51.70
Feet of Shoreline: 5,715.50
Stream Location: Clinch River mile 126.5L
Hydrologic Unit: 5-190
County: Grainger and Union
Water Use Facilities No

This steep, wooded parcel is forms the southeastern shoreline where Norris Reservoir cuts through Lone Mountain Ridge. The northern fourth of this parcel is occupied by upland

hardwood of small sawtimber size. Yellow poplar, hickory, and black locust are the most prevalent species on this area of good site quality. The remainder of this parcel is situated on poor site quality and is comprised of cedar-hardwood that ranges from pole to small sawtimber size. The hardwood component is low quality and dominated by elm, white ash, hickory, and southern red oak. TVA retained a 50-foot right-of-way to this parcel across the northern end of Tract Nos. XNR-291, -292, -293, and -294. Together with parcels 199, 203, and 266, this wooded parcel forms a narrow reservoir corridor that exhibits a unique visual quality. This parcel was placed in Zone 3 to protect the visual integrity of the bluffs.

Parcel 265

Allocation: Zone 4 - Natural Resource Conservation
Acres: 24.06
Feet of Shoreline: 5,577.80
Stream Location: Clinch River mile 126.2L
Hydrologic Unit: 5-190
County: Union
Water Use Facilities No

This parcel is best described in two sections:

Section 1 (4,227.55 feet of shoreline): Two narrow shoreline strips that are occupied by cedar-pine-hardwood comprise this area which includes segments on both sides in the upper end of Flint Creek embayment. Several small pockets of planted shortleaf pine are situated on the southwest end. TVA retained a 50-foot right-of-way to the segment on the right descending bank across the northern end of Tract Nos. XNR-291, -292, and -293. A right of ingress and egress was retained across Tract Nos. XNR-288 and -289 to access the segment on the left bank.

Section 2 (1,350.25 feet of shoreline): Small sawtimber upland hardwood occupies this small area on the left bank of Flint Creek. A right of ingress and egress was retained across Tract No. XNR-290 to access this parcel. Aquatic beds, scrub-shrub, and forested wetlands scattered among coves and small islands along the length of this parcel.

Parcel 266

Allocation: Zone 3 - Sensitive Resource Management
 • Visual
Acres: 37.91
Feet of Shoreline: 5,544.91
Stream Location: Clinch River mile 125.6L
Hydrologic Unit: 5-190
County: Union
Water Use Facilities No

This steep wooded shoreline, which forms the southwestern shoreline where Norris Reservoir cuts through Wallen Ridge, combines with similar land Parcel 228 on opposite shore to create a narrow scenic corridor as the boater travels upstream. It forms many excellent coves for the boater to find a protected anchorage. Site quality and productivity for timber are high on this parcel, which is situated on east- and north-facing slopes. This parcel contains Sawtimber-size upland and cove hardwoods, primarily yellow poplar, hickory, beech, white ash, and oaks, dominate the area. TVA retained several rights-of-ways across existing roads on Tract No. XNR-285 to access this parcel. The adjacent property owner maintains an informal personal use area and has a dock on the northwestern point.

This parcel was placed in Zone 3 to protect the narrow necks of this landbase in order to preserve their natural scenic quality as seen by the reservoir user. The existing dock will be allowed to remain, but no additional water use facilities will be considered.

Parcel 267

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	264.89
Feet of Shoreline:	39,860.62
Stream Location:	Clinch River mile 124L
Hydrologic Unit:	5-190
County:	Union
Water Use Facilities	No

This large parcel is near the confluence of Straight Creek with the Clinch River. Nearly two-thirds of this parcel was in pasture, cultivation, or other agricultural use at the time of purchase. Of this parcel, about 70 acres was planted to shortleaf pine by TVA, over 70 acres reverted to Virginia pine, and 20 acres reverted to yellow poplar. Recent and past southern pine beetle infestations have significantly reduced the pine composition and one 17-acre area was harvested in 1987. These areas are regenerating to a variety of hardwood species, including red maple, dogwood, yellow poplar, white oak, and black oak. The two northern peninsulas have moderate to steep topography and over half is occupied by large-sawtimber upland hardwood. Much of this portion has not been harvested since TVA ownership and is dominated by very large beech, northern red oak, and yellow poplar. Upland hardwood on the eastern segment was selectively harvested in the mid—1970s, and is sparsely stocked with various-size yellow poplar, white oak, white ash, and hickory. Public access on this parcel is good, with county roads to the southeast and north central areas. Hunting, camping, fishing, and swimming are the main activities conducted. TVA retained several rights-of-ways across existing roads on Tract No. XNR-285 to access the eastern portion of this parcel. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 268

Allocation: Zone 7 - Residential Access
Acres: 22.65
Feet of Shoreline: 13,136.32
Stream Location: Clinch River mile 120.9L
Hydrologic Unit: 5-190
County: Union
Water Use Facilities Yes

This parcel is located along the eastern shore of Dodson Creek embayment and continues east (approximately 1.5 miles) along the southern shore of the Clinch River arm of Norris Reservoir. It is adjacent to Seymour Cool Branch Subdivision. Current data show 17 permitted structures associated with this parcel. The TVA property line follows the 1044-foot contour elevation. Reservoir fringe wetlands exist along Dodson Creek and in coves along the main reservoir shoreline.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional water use facilities will be considered. Under the shoreline categorization system, the shoreline of this parcel has been placed in two categories. Segments categorized as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining segments of shoreline in this parcel have been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 269

Allocation: Zone 4 - Natural Resource Conservation
Acres: 49.27
Feet of Shoreline: 12,288.25
Stream Location: Clinch River mile 121.7 (Island)
Hydrologic Unit: 5-190
County: Union
Water Use Facilities No

All but the northeast quarter of this parcel, known as Buck Island, was in agricultural use at the time of purchase and reverted to Virginia pine and upland hardwood. Although this forest cover provides beneficial wildlife habitat, much of it has little economic value because of the poor species composition and condition. Mature Virginia pine and black locust and low quality beech, persimmon, and hickory are the prevalent types that occupy this area. The remainder of this

parcel is adequately stocked with small sawtimber yellow poplar, hickory, and beech. When the reservoir elevation is at summer pool, camping is the main public use. TVA retained a right of ingress and egress across Tract No. XNR-279 to access this parcel. Islands are landforms that enhance the visual quality of Norris Reservoir. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation, visual resources, and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 270

Allocation: Zone 6 - Developed Recreation
Acres: 20.55
Feet of Shoreline: 5,720.78
Stream Location: Clinch River mile 120.8L
Hydrologic Unit: 5-190
County: Union
Water Use Facilities: Yes

This parcel, located on both side of the Dodson Creek embayment, near the head is 1 of 32 parcels transferred (Contract No. TV-14213A) to the Tennessee Wildlife Resources Agency in 1953. This contract transfers land in fee above the 1052-foot contour elevation and includes an appurtenance that provides a recreation easement from the 1052-foot contour elevation to the water. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval. This parcel is undeveloped and will probably remain undeveloped because it is more susceptible to flooding than most TWRA parcels and the water/land relationship in the cove is not conducive to development. This parcel was placed in Zone 6 to reflect the current land use agreements. Requests for public water use facilities will be considered.

Parcel 271

Allocation: Zone 4 - Natural Resource Conservation
Acres: 0.53
Feet of Shoreline: N/A
Stream Location: Clinch River mile 121L
Hydrologic Unit: 5-190
County: Union
Water Use Facilities: No

This parcel is a narrow riparian strip at the head of the Dodson Creek embayment. It is occupied by sycamore, green ash, and box elder. This parcel was placed in Zone 4 to conserve wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 272

Allocation: Zone 4 - Natural Resource Conservation
Acres: 13.47
Feet of Shoreline: 2,152.69
Stream Location: Clinch River mile 120.8L
Hydrologic Unit: 5-190
County: Union
Water Use Facilities No

This parcel is a narrow riparian strip on the left bank of the Dodson Creek embayment. It is bisected by a county road. The majority of this parcel was in agricultural use at the time of purchase, and is now occupied by cedar-hardwood (hackberry, elm, and ash) of various ages. The area south of the road is partially open with scattered cedars.

The northern half of this parcel is a reverting field with hardwood and cedar while the southern half is primarily in redcedar forest cover, also the result of old-field reversion.

Cultural resources are present. Scrub-shrub and forested wetland areas are located along the eastern end of this parcel and in the head of Dodson Creek Hollow.

This parcel was placed in Zone 4 to conserve wildlife habitat and shoreline vegetation and cultural resources. Requests for water use facilities will not be considered.

Parcel 273

Allocation: Zone 7 - Residential Access
Acres: 7.61
Feet of Shoreline: 4,505.95
Stream Location: Clinch River mile 120.8L
Hydrologic Unit: 5-190
County: Union
Water Use Facilities Yes

This parcel is located along the western shoreline of Dodson Creek embayment of the Clinch River arm of Norris Reservoir. There are no adjacent subdivisions, but current data show seven permitted structures associated with this parcel. The TVA property line follows the 1044-foot contour elevation. Reservoir fringe wetlands are found along the southern end of this parcel's shoreline.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backing property developed for residential use. Requests for additional water use facilities will be considered. Under the shoreline categorization system, this parcel has been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could

be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 274

Allocation: Zone 4 - Natural Resource Conservation
Acres: 125.67
Feet of Shoreline: 4,544.87
Stream Location: Clinch River mile 120.5L
Hydrologic Unit: 5-190
County: Union
Water Use Facilities No

This parcel,, at the mouth of Dodson Creek, is occupied by a variety of upland hardwood stands. Approximately three-fourths was in agricultural use at time of purchase, and reverted to upland hardwood (hickory and yellow poplar) and Virginia pine. Pine beetle infestations in the mid—1970s eliminated most of the pine, leaving hardwood stands with dogwood, red maple, yellow poplar, and hickory. The remainder of this parcel was selectively harvested in the mid—1970s, leaving sparsely stocked stands of sawtimber-size beech, hickory, yellow poplar, black oak, and sugar maple. TVA retained a right of ingress and egress across Tract No. XNR-269 to access this parcel; however, road access is available just off Highway 33. The Newt Cook Cemetery, which was not purchased by TVA, is located on the western end and is accessed across the road mentioned previously. Hunting is the dominant public use on this area. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 275

Allocation: Zone 6 - Developed Recreation
Acres: 45.62
Feet of Shoreline: 16,034.41
Stream Location: Clinch River mile 120L
Hydrologic Unit: 5-190
County: Union
Water Use Facilities Yes

This parcel, known as the 33 Bridge Marina, includes riparian strip under and on both sides of the Highway 33 bridge, as well as a large portion of Beech Island. Union County, Tennessee, has a 30-year commercial recreation easement (Contract No. TV-49980A), which runs from January 1979 to January 2009. This easement includes a clause to renew for three 10-year periods if the conditions of the easement are being met. Union County has sublicensed the property to the

owners of 33 Bridge Marina.. This parcel was placed in Zone 6 to reflect the current land use. Requests for additional commercial or public water use facilities will be considered.

Parcel 276

Allocation: Zone 3 - Sensitive Resource Management

- Heritage (plants)
- Beech Ridge TVA Small Wild Area

Acres: 12.57

Feet of Shoreline: 3,865.51

Stream Location: Clinch River mile 119L

Hydrologic Unit: 5-190

County: Union

Water Use Facilities: No

Beech Island TVA Small Wild Area is located on this parcel, which is immediately downstream of the Highway 33 Bridge. The SWA is located on the eastern portion of the island—the western portion being occupied by the 33 Bridge Marina.. This TVA Small Wild Area, covering 12 acres of beech-maple forest, contains numerous steep ridges and cliffs overlooking the reservoir. Trails wind through upland hardwood forests with an herb layer of numerous wildflower species. This area has been proposed as a potential National Natural Landmark. This parcel was placed in Zone 3 to protect these sensitive resources. Requests for water use facilities will not be considered.

Parcel 277

Allocation: Zone 4 - Natural Resource Conservation

Acres: 224.22

Feet of Shoreline: 10,338.44

Stream Location: Clinch River mile 119L

Hydrologic Unit: 5-190 and 5-220

County: Union

Water Use Facilities: No

This parcel includes a wide riparian strip surrounding the Tumbling Run embayment. This parcel includes a two-age stand of pole and sawtimber trees that range in ages from 30 to 90 years old. The eastern two-thirds of this parcel was selectively harvested in the mid—1970s, leaving most of the area in an understocked condition, with scattered yellow poplar, hickory, white oak, black oak, and scarlet oak. Most of the western third is reverted old-fields that were once occupied by Virginia pine. Beetle infestations in the mid—1970s eliminated most of the pine, releasing the hardwood understory that developed. Pole- and small-sawtimber yellow poplar, hickory, scarlet oak, and dogwood now occupy this old-field area. TVA retained a right of ingress and egress across Tract No. XNR-265 to access the western segment. Access to the

remainder of this parcel is from the eastern end, but is not developed. Hunting is the primary public use.

This parcel includes a small island. This island was in agricultural use at the time of TVA purchase and reverted to Virginia Pine. The pine is now mature.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 278

Allocation: Zone 7 - Residential Access
Acres: 27.68
Feet of Shoreline: 6,813.56
Stream Location: Clinch River mile 118L
Hydrologic Unit: 5-220
County: Union
Water Use Facilities Yes

This parcel is located along the southeastern shore of the Clinch River arm of Norris Reservoir, fronting Tumbling Run and Lakewood Forest Subdivisions. Current data show seven permitted structures associated with this parcel. The TVA property line follows the 1044-foot contour elevation. There are reservoir fringe wetlands located midway along this parcel.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional water use facilities will be considered. Under the shoreline categorization system, this parcel has been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 279

Allocation: Zone 3 - Sensitive Resource Management
• Visual
Acres: 8.48
Feet of Shoreline: 4,422.41
Stream Location: Clinch River mile 117.7 (Island)
Hydrologic Unit: 5-220
County: Union
Water Use Facilities No

This parcel consists of three small islands immediately downstream of the mouth of Hunting Creek. These islands were in agricultural use at the time of purchase and reverted to Virginia pine. The pine is now small sawtimber size and is experiencing significant mortality. Upland hardwood dominates the understory and will comprise the next stand. This parcel was placed in Zone 4 to conserve wildlife habitat, shoreline vegetation, and the island's visual integrity. Requests for water use facilities will not be considered.

Parcel 280

Allocation: Zone 4 - Natural Resource Conservation
Acres: 14.34
Feet of Shoreline: 2,810.41
Stream Location: Clinch River mile 116.5L
Hydrologic Unit: 5-190
County: Union
Water Use Facilities No

This parcel is a narrow riparian strip at the mouth of Spring Creek, occupied by various-size upland hardwood (oaks, hickory, yellow poplar, and red maple). Cultural resources were found on this parcel. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation, cultural and visual resources, and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered. Management activities on this parcel should be conducted in a way that does not change the general visual character of the landscape.

Parcel 281

Allocation: Zone 7 - Residential Access
Acres: 10.87
Feet of Shoreline: 4,944.02
Stream Location: Clinch River mile 166L
Hydrologic Unit: 5-220
County: Union
Water Use Facilities Yes

This parcel is a narrow riparian strip located between the mouths of Spring Creek and Fall Creek, fronting Tumbling Run, Lakewood Forest, and Sugar Camp subdivisions. Current data show four permitted structures associated with this parcel. There are no deeded rights of ingress or egress to the water across any section of this parcel; however, former TVA policy infrequently allowed the permitting of water use facilities in such areas. Consistent with the TVA Shoreline Management Policy, since water use facilities already exist along this shoreline, any future requests for water use facilities associated with this parcel will be considered. The TVA property line follows the 1044-foot contour elevation near the Sugar Camp development and varies

between the 1034-foot contour elevation and a higher elevation straight-line boundary near Tumble Run and Lakewood Forest Subdivisions. There is a reservoir fringe wetland located midway along this parcel.

This parcel was placed in Zone 7 to reflect the existing agreements and conditions of TVA's Shoreline Management Policy. Requests for water use facilities will be considered due to past practice. Under the shoreline categorization system, this parcel has been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 282

Allocation: Zone 4 - Natural Resource Conservation
Acres: 1.10
Feet of Shoreline: 1,477.81
Stream Location: Clinch River mile 116 (Island)
Hydrologic Unit: 5-220
County: Union
Water Use Facilities No

This parcel is comprised of three small islands. The western island is unforested while the eastern one is occupied by pine-cedar-hardwood. Islands are landforms that enhance the visual quality of the reservoir. Islands are landforms that enhance the visual quality of Norris Reservoir. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation, visual resources, and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 283

Allocation: Zone 6 - Developed Recreation
Acres: 6.79
Feet of Shoreline: 3,319.62
Stream Location: Clinch River mile 115.7L
Hydrologic Unit: 5-220
County: Union
Water Use Facilities Yes

This parcel, a narrow riparian strip on the right descending bank of the Fall Creek embayment, is one of 32 parcels transferred to the Tennessee Wildlife Resources Agency in 1953. The agreement transfers in fee those lands above the 1052-foot contour elevation and provides a

recreation easement from the 1052-foot contour elevation to the water. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval. This parcel is undeveloped. This parcel was placed in Zone 6 to reflect the current land use agreements. Requests for commercial or public water use facilities will be considered.

Parcel 284

Allocation: Zone 7 - Residential Access
Acres: 0.44
Feet of Shoreline: N/A
Stream Location: Clinch River mile 115.7L
Hydrologic Unit: 5-220
County: Union
Water Use Facilities: No

This parcel is located at the head of the Fall Creek embayment. This parcel is landlocked. There are currently no wetlands, subdivisions, or permitted structures associated with this parcel. The TVA property line runs along the 1044-foot contour elevation.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backing property developed for residential use. However, requests for water use facilities will be not be considered, since this parcel is landlocked.

Parcel 285

Allocation: Zone 4 - Natural Resource Conservation
Acres: 191.01
Feet of Shoreline: 12,258.79
Stream Location: Clinch River mile 115L
Hydrologic Unit: 5-220
County: Union
Water Use Facilities: No

This parcel includes three sections. The largest (eastern) section is on the downstream side of the mouth of the Fall Creek embayment. The middle section is a narrow riparian strip on the main channel and the third (western) section is a narrow riparian strip on the upstream side of the Crooked Creek embayment. Over three-fourths of the large eastern segment was selectively harvested in the mid—1970s, but most is still adequately stocked with various-size hickory, white oak, beech, yellow poplar, and black oak. These stands are basically two-aged, with a 30-year old component that developed after harvest and the overstory, which exceeds 100 years of age. The remainder of this segment and much of the smaller western segments are old-fields that reverted to hardwood, Virginia pine, and redcedar. The pine component has experienced increasing windthrow and mortality over the last 10 years and will continue to decline. Future stands of hardwood, primarily yellow poplar, hickory, oaks, and dogwood, and redcedar will

likely develop in the former pine stands. Several patches of low quality cedar-hardwood are present on the poorer sites. TVA retained a designated road right-of-way and a right of ingress and egress to the eastern segment across Tract No. XNR-227. To access the remainder of this parcel, a road right-of-way and a right of ingress and egress were retained across Tract No. XNR-226, and a right of ingress and egress were retained across Tract No. XNR-225. The eastern segment, which has a well-developed woods road system, receives moderate to heavy public use for camping, bank fishing, hunting, and all-terrain vehicle use. The middle and western sections are typical of most marginal strip land, separating privately-owned residential property from Norris Reservoir. The private property owners, in this case, do not have access rights to the water. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation and visual resources. Requests for water use facilities will not be considered. Any management activities taking place on this parcel should be planned with sensitivity to maintaining the visual integrity of the site.

There is a day marker located on this parcel. Day markers are important for navigational reference. This day marker does not interfere with Zone 4 activities.

Parcel 286

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	61.46
Feet of Shoreline:	5,649.69
Stream Location:	Clinch River mile 113L
Hydrologic Unit:	5-220
County:	Union
Water Use Facilities	No

This parcel is a narrow riparian strip on both sides of the Crooked Creek embayment. It was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation and visual resources. Any management activities taking place on this parcel should be planned with sensitivity to maintaining the visual attraction of the site. Requests for water use facilities will not be considered. This parcel is best described in two sections:

Section 1: This section includes most of the right descending bank of the Crooked Creek embayment. Various-size upland hardwood (oaks, hickory, and beech), with a shortleaf pine component, dominates this moderately rocky site. TVA retained a right of ingress and egress across Tract Nos. XNR-225 and -226 to access this area.

Section 2: This area is a riparian strip along upper portion of the Crooked Creek embayment. The western half is under an agricultural license (NR-U-35) for hay and pasture. The streambank was stabilized and a riparian buffer established along this portion of this parcel in 1999 and 2000. Riparian areas were planted with eastern gamma grass and bottomland hardwoods. The remainder of the area is occupied by bottomland hardwoods along the bottom and upland hardwoods on the upper areas.

Parcel 287

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	518.38
Feet of Shoreline:	68,861.53
Stream Location:	Clinch River mile 113 (Island)
Hydrologic Unit:	5-220
County:	Union
Water Use Facilities	No

Known as Island F, this large parcel is heavily dissected by steep ridges and deep hollows with intermittent flat areas. About 40 percent of the area, primarily the flatter sites, was in agricultural use at the time of TVA purchase. Most of this reverted to Virginia pine, which has now reached maturity and is experiencing significant mortality from beetles and low vigor. As a result, pole-size hardwoods (red maple, yellow poplar, hickory, dogwood, and oaks) now comprise a much higher percentage much of these stands. The remainder of this parcel is occupied by upland and northern hardwood that ranges from saplings to large sawtimber. Most of these stands have been selectively harvested at various times, first in the mid—1970s and again in the mid—1980s, leaving sparsely stocked areas with various size beech, hickory, black oak, chestnut oak, yellow poplar, and sugar maple. Also about 40 acres was regenerated in 1984 and is now occupied by sapling and pole upland hardwood and pine. TVA retained a road right-of-way across Tract Nos. XNR-226, -227, and -228, and rights of ingress and egress over Tract Nos. XNR-225 and -226 to access this parcel.

This parcel has a steep shoreline. Although no overland public access is available, this parcel receives heavy public use by campers, hunters, bank fishermen, and all-terrain vehicle users. There is good wildlife habitat on portions of this parcel. Island F is a visual focal point to many lake users and to a number of residents on surrounding shoreline lands. Any management activities taking place on this parcel should be planned with sensitivity to maintaining the visual attraction of the site.. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation, visual resources, and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 288

Allocation:	Zone 7 - Residential Access
Acres:	23.57
Feet of Shoreline:	16,276.99
Stream Location:	Clinch River mile 112L
Hydrologic Unit:	5-220
County:	Union
Water Use Facilities	Yes

This parcel, located along the southeastern shore (left bank) of the Clinch River arm of Norris Reservoir, is a long narrow riparian strip fronting Lakeland Subdivision. Current data show eight

permitted structures associated with this parcel. The TVA property line runs along the 1044-foot contour elevation. There are reservoir fringe wetlands located at the head of Cane Seed Hollow.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for water use facilities will be considered. Under the shoreline categorization system, this parcel has been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 289

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	75.83
Feet of Shoreline:	32,783.88
Stream Location:	Clinch River mile 108.8 (Island)
Hydrologic Unit:	5-220
County:	Union
Water Use Facilities	No

A number of islands, including Rabbit Island, comprise this parcel. The flatter areas were in agricultural use at the time of purchase and reverted primarily to Virginia pine. Steeper areas are occupied by sawtimber-size upland hardwood (oaks, hickory, yellow poplar, and beech) with red-cedar on the rockier portions. These islands receive moderate use by campers. Although this grouping of islands vary in degrees of visual quality, any management activities taking place on this parcel should be planned with sensitivity to maintaining the visual integrity of the site. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation, visual resources, and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

A day marker, important for navigational reference, is located on this parcel. This day marker does not interfere with Zone 4 activities.

Parcel 290

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	1.43
Feet of Shoreline:	454.39
Stream Location:	Clinch River mile 108.1L
Hydrologic Unit:	5-220
County:	Union
Water Use Facilities	No

This small parcel is a small riparian strip at the mouth of Hurricane Hollow embayment. It is a steep, rocky slope, occupied by various-size upland hardwood (white oak, chinkapin oak, scarlet oak, and white ash) with a redcedar component. This parcel was placed in Zone 4 to conserve wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 291

Allocation:	Zone 7 - Residential Access
Acres:	8.42
Feet of Shoreline:	8,555.74
Stream Location:	Clinch River mile 107.5L
Hydrologic Unit:	5-220
County:	Union
Water Use Facilities	Yes

This parcel is located on the southeastern shore of the Clinch River arm of Norris Reservoir at the mouth of Poor Land Creek embayment., There are no adjacent subdivisions, but current data show 18 permitted structures. The TVA property line varies from the 1034- to the 1044-foot contour elevation. There are no wetlands shown along this stretch of shoreline.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for additional water use facilities will be considered. Under the shoreline categorization system, this parcel has been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 292

Allocation:	Zone 3 - Sensitive Resource Management
	• Visual
Acres:	10.50
Feet of Shoreline:	38,386.55
Stream Location:	Poor Land Creek mile 8R
Hydrologic Unit:	5-220
County:	Union
Water Use Facilities	No

This parcel, located at the mouth of the Poor Land Creek embayment, includes Gourd Island and a number of other unnamed islands. Although topography is moderate to steep, about half of these islands were in agricultural use at the time of purchase and reverted to Virginia pine. These

pinus have now reached maturity and are experiencing significant mortality. The remainder of the area is upland hardwood of sawtimber size. Red oaks, white oak, beech, red maple, and yellow poplar are the dominant species. These islands receive moderate use by campers. Although this grouping of islands vary in degrees of visual quality, any management activities taking place on this parcel should be planned with sensitivity to maintaining the visual integrity of the site. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation, visual resources, and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

A day marker, important for navigational reference, is located on this parcel. . This day marker does not interfere with protecting the sensitive resources identified in this Zone 3 parcel.

Parcel 293

Allocation: Zone 6 - Developed Recreation
Acres: 10.50
Feet of Shoreline: 7,522.96
Stream Location: Poor Land Creek mile 8R
Hydrologic Unit: 5-220
County: Union
Water Use Facilities Yes

This parcel, located in a small embayment at the mouth of Poor Land Creek, is the site of Hickory Star Boat Dock. Part of this parcel is a Section 4(k)(a) sale and the other part has a license agreement (Contract No. RLR-69711) for mooring rights to extend the harbor. Hickory Star Boat Dock has 1,600 feet of mooring rights that fronts Big Ridge State Park (Parcel 294). This parcel was placed in Zone 6 to reflect the current land use. Requests for additional commercial or public water use facilities will be considered.

Parcel 294

Allocation: Zone 6 - Developed Recreation
Acres: 283.09
Feet of Shoreline: 165,103.54
Stream Location: Clinch River mile 99L
Hydrologic Unit: 5-220
County: Union
Water Use Facilities Yes

This parcel includes most of the shoreline fronting Big Ridge State Park. It was placed in Zone 6 to support current and backlying land uses. Requests for commercial or public water use facilities will be considered. This parcel is best described in can be divided into two sections.

Section 1: This section is defined by the license agreement (Contract No. TV-20924A), giving the state of Tennessee the right to control the use of the shoreline from the 1034-foot contour

elevation “to the waters of Norris.” The backlying property was transferred to the state of Tennessee (Contract No. TV-7618A).

Section 2: This section is another undeveloped Tennessee Wildlife Resources Agency tract. This area receives considerable bank fishing use and has a gravel road that goes into the reservoir that some small boats launch from at summer pool. It is one of 27 tracts transferred to the Tennessee Wildlife Resources Agency 1958 by Contract No. TV 18703A. Some tracts have land transferred in fee above the 1052-foot contour elevation with a permanent easement below the 1052-foot contour elevation, and other tracts have a permanent easement from a specified contour or described line. Certain recreation facilities were approved at the 1020-foot contour elevation and other recreation facilities and infrastructure were approved above the 1034-foot contour elevation.

A day marker, important for navigational reference, is located on this parcel. This day marker does not interfere with Zone 6 activities.

Parcel 295

Allocation: Zone 4 - Natural Resource Conservation
Acres: 5.50
Feet of Shoreline: 3,870.51
Stream Location: Clinch River mile 102.4 (Island)
Hydrologic Unit: 5-220
County: Union
Water Use Facilities No

Several small islands that were in agricultural use at the time of purchase comprise this parcel. These islands are now occupied by a variety of forest cover that includes redcedar, upland hardwood, Virginia pine, and mixtures of these types.

Parcel 296

Allocation: Zone 4 - Natural Resource Conservation
Acres: 56.89
Feet of Shoreline: 13,209.37
Stream Location: Mill Creek mile 1 - 0.5 (Island)
Hydrologic Unit: 5-220
County: Union
Water Use Facilities No

This parcel includes Pilot and Baker Islands and two unnamed small islands. Pilot Island is occupied by upland hardwood on about three-fourths of the area and Virginia pine on the remaining portion. Oaks and hickory comprise the hardwood with about half that exceeds 100 years of age and half that is 60-years of age. The Virginia pine is the result of old-field reversion after purchase. Baker Island is rocky, with mixed cedar-hardwood on most of the area.

A small area of old-field Virginia pine is also present. Pine-cedar-hardwood occupy the two small islands. The two larger islands receive moderate use by campers. Although this grouping of islands vary in degrees of visual quality, any management activities taking place on this parcel should be planned with sensitivity to maintaining the visual integrity of the site. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation, visual resources, and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 297

Allocation: Zone 6 - Developed Recreation
Acres: 132.62
Feet of Shoreline: 39,550.66
Stream Location: Mill Creek mile 2R
Hydrologic Unit: 5-220
County: Union
Water Use Facilities Yes

This parcel, fronting the Tanasi Girl Scout Camp, is located on the right descending bank of Mill Creek embayment. Tanasi Girl Scout Council has a license agreement, (Contract No. TV-45983A) providing them the right to regulate the land from the 1044-foot contour elevation to the waters of Norris Reservoir, “to provide security and protection for the Licensee’s adjacent lands, group camp, and facilities. . . . Such regulation must not prohibit the public from landing, fishing, walking, or other such reasonable use. . . .” This parcel fronts an area from the 1052- to the 1044-foot contour elevation that was sold in 1958, which in turn fronts 419 acres sold in 1953. Both tracts were “deeded for recreational purposes by the membership or guests of a private incorporated club whose charter shall permit such use . . . that said land shall not be leased, sold, or otherwise alienated except as a whole.” If these conditions or part of the conditions are breached TVA has the right to reenter and take possession of said land. An emergent reed/rush bed and forested wetland area located near the head of Crooked Creek Hollow and a Crooked Creek stabilization site are located on this parcel. There are also agricultural encroachments documented. This parcel was placed in Zone 6 to support the current and backlying land use. Requests for commercial or public water use facilities will be considered.

Andersonville Boat Dock has a letter-of-no-objection (1985) for mooring rights fronting a portion of the land licensed to the Tanasi Girl Scout Council. A day marker, important for navigational reference, is located on this parcel.. This day marker does not interfere with Zone 6 activities.

Parcel 298

Allocation: Zone 7 - Residential Access
Acres: 6.76
Feet of Shoreline: N/A
Stream Location: Mill Creek mile 3R
Hydrologic Unit: 5-220
County: Union
Water Use Facilities Yes

This parcel is located at the head of the Dark Hollow on the south side of Mill Creek embayment of Norris Reservoir. There are no adjacent subdivisions and no permitted structures currently exist on this parcel. The TVA property line lies along the 1044-foot contour elevation. No reservoir fringe wetlands are present.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for water use facilities will be considered. Segments categorized as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining segments of shoreline in this parcel have been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 299

Allocation: Zone 4 - Natural Resource Conservation
Acres: 9.02
Feet of Shoreline: 3,097.58
Stream Location: Mill Creek mile 3.1R
Hydrologic Unit: 5-220
County: Union
Water Use Facilities No

This parcel is located on the left descending bank of Dark Hollow, on the south side of Mill Creek embayment of Norris Reservoir. It is a narrow riparian strip that lies between Highway 61 and Norris Reservoir occupied by bottomland and upland hardwood, with a redcedar component. This parcel was placed in Zone 4 to conserve wildlife habitat and shoreline vegetation. Requests for water use facilities will not be considered.

Parcel 300

Allocation: Zone 7 - Residential Access
Acres: 26.48
Feet of Shoreline: 10,417.23
Stream Location: Mill Creel mile 3.2R
Hydrologic Unit: 5-220
County: Anderson and Union
Water Use Facilities Yes

This parcel is located along the southern shore of the Mill Creek embayment, adjacent to Squirrel Hill Subdivision (Phases 1 and 2). Current data show one permitted structure associated with this parcel. The TVA property line runs along the 1034-foot contour elevation. There are reservoir fringe wetlands located in several small coves and pockets along this shoreline. Andersonville Boat Dock has a license agreement (Contract No. TV-66051A) for mooring rights and harbor limits.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backing property developed for residential use. Requests for water use facilities will be considered. Under the shoreline categorization system, the shoreline of this parcel has been placed in two categories. Segments categorized as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining segments of shoreline in this parcel have been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 301

Allocation: Zone 6 - Developed Recreation
Acres: 8.73
Feet of Shoreline: 2,539.51
Stream Location: Mill Creek mile 3.2R
Hydrologic Unit: 5-220
County: Union
Water Use Facilities Yes

This parcel which is a narrow riparian strip on the south side of small peninsula near the head of the Mill Creek embayment. It is the site of Andersonville Boat Dock, which has a license agreement (Contract No. TV-66051A) for mooring rights and harbor limits. This license includes mooring rights in front of Parcel 297 (the Tanasi Girl Scout Camp). This parcel was

placed in Zone 6 to support the current and backlying land use. Requests for additional commercial or public water use facilities will be considered.

Parcel 302

Allocation: Zone 2 - TVA Operations
Acres: 15.82
Feet of Shoreline: N/A
Stream Location: N/A
Hydrologic Unit: 7-020
County: Anderson
Water Use Facilities No

This parcel is located just west of the Mill Creek embayment of Norris Reservoir, and is the location of Loyston Dike. Loyston Dike is a high water levee built during the Norris Reservoir construction period. This parcel is landlocked and surrounded by private property except where it touches Highway 61. There is an Agricultural License (NR-A-1) on this parcel.

Parcel 303

Allocation: Zone 4 - Natural Resource Conservation
Acres: 186.50
Feet of Shoreline: 10,352.80
Stream Location: Mill Creek mile 3.5RL
Hydrologic Unit: 5-220
County: Anderson
Water Use Facilities No

This parcel, located at the head of Mill Creek embayment, includes peninsulas, creek bottoms, and low areas that flood at summer reservoir levels. Over half of the area was in agricultural use at the time of purchase. Because of karst and rocky topography, many of the pastures reverted to mixtures of pine and cedar. These mixed forest stands occupy approximately 44 percent of this parcel. Virginia and shortleaf pine reverted on approximately 40 acres; however, recent pine beetle infestation has virtually eliminated these stands. Large sawtimber upland hardwood dominates the remainder of this parcel, comprised primarily of scarlet oak, black oak, white ash, and hickory. Hunting and all-terrain vehicle use are the dominant public use activities. This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

A day marker, important for navigational reference, is located on this parcel. . This day marker does not interfere with Zone 4 activities.

Parcel 304

Allocation: Zone 7 - Residential Access
Acres: 19.65
Feet of Shoreline: 11,305.58
Stream Location: Mill Creek mile 3L
Hydrologic Unit: 5-220
County: Anderson and Union
Water Use Facilities Yes

This parcel is a narrow riparian strip located along the northern side of Mill Creek embayment fronting Fountain City Sportsman's Club and Norris Landing Subdivision. Current data show 29 permitted structures associated with this parcel. The TVA property line runs along the 1044-foot contour elevation. Reservoir fringe wetlands exist in coves and inlets along this parcel shoreline.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backlying property developed for residential use. Requests for water use facilities will be considered. Under the shoreline categorization system, the shoreline of this parcel has been placed in two categories. Segments categorized as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining segments of shoreline in this parcel have been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 305

Allocation: Zone 6 - Developed Recreation
Acres: 7.03
Feet of Shoreline: 1,663.88
Stream Location: Mill Creek mile 2.4L
Hydrologic Unit: 5-220
County: Union
Water Use Facilities Yes

This parcel is a narrow riparian strip located at the back of a small cove along the northern side of Mill Creek embayment. It is one of 32 parcels transferred to the Tennessee Wildlife Resources Agency in 1953. The agreement transfers in fee those lands above the 1052-foot contour elevation and provides a recreation easement from the 1052-foot contour elevation to the water. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval. This parcel is undeveloped. This parcel was placed in Zone 6 to reflect the

current land use agreements. Requests for commercial or public water use facilities will be considered.

Parcel 306

Allocation:	Zone 4 - Natural Resource Conservation
Acres:	1,280.78
Feet of Shoreline:	38,887.24
Stream Location:	Clinch River mile 94.5L
Hydrologic Unit:	5-220
County:	Union
Water Use Facilities	No

Locally known as Loyston Point, this parcel is one of the most heavily used tracts on Norris Reservoir. Extensive natural resource management activities have been conducted on this parcel in the last 30 years, including timber harvesting and wildlife habitat enhancement. Most of the hardwood was selectively harvested in the mid—1970s and 255 acres was regenerated in the late 1980s. Recent infestation by the southern pine beetle has eliminated virtually all of the planted pine (approximately 40 acres of loblolly and shortleaf pine) and has impacted much of the natural pine (approximately 45 acres of Virginia and shortleaf pine). These dead pine stands should regenerate to hardwood; however, many of the species likely to occupy the future stands are not desirable from a forest management standpoint (elm, red maple, dogwood, and redbud). Currently, hardwood accounts for approximately 88 percent of the forest composition, 9 percent of mixed forest (pine-hardwood and pine-cedar-hardwood), 1 percent of managed open lands, and the remaining 2 percent is in pine. With the exception of two cove hardwood stands totaling 30 acres, upland hardwood is the dominant type. Black oak, white oak, hickory, white ash, and yellow poplar dominate the overstory while red maple, sourwood, beech, and blackgum are the most common understory species. The hardwood component is fairly well balanced with 58 percent in sawtimber size classes, 5 percent in poles, 16 percent in various sizes, and 21 percent in saplings. Most of the mixed stands are pine-hardwood, with shortleaf and Virginia pine and hickory, black oak, white oak, and yellow poplar. These stands are predominantly sawtimber size. TVA planted several old-fields with loblolly and shortleaf pine in the late 1930s and 1960s; these stands have been eliminated by the beetles. Since 1988, an effort has been made to enhance wildlife habitat on this parcel by daylighting woods roads and creating permanent openings. Approximately six miles of roads have been opened up by removing vegetation along the sides and then planting with wheat, orchard grass, and clover to create a linear wildlife opening. Over 20 acres of forest has been cleared and planted to wildlife foods to create permanent wildlife openings. A major management problem on this parcel is the occurrence of exotic plant species. Autumn olive, Japanese honeysuckle, Nepal grass, sericea lespedeza, kudzu, and oriental bittersweet are prevalent and will require a continued management effort to control.

This parcel is composed of two large tracts one of which is Loyston Point and receives heavy public use. This parcel is seen by reservoir users and visible from Big Ridge State Park. Any

management activities taking place on this parcel should be planned with sensitivity to maintaining the visual integrity of the site.

Cultural resources were found. Emergent wetlands, aquatic beds, scrub-shrub, and forested wetlands are located along the north shore of Mill Creek embayment to Loyston Point.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 307

Allocation: Zone 6 - Developed Recreation
Acres: 204.59
Feet of Shoreline: 9,561.76
Stream Location: Mill Creek mile 1L
Hydrologic Unit: 5-220
County: Union
Water Use Facilities Yes

This parcel, located along the northern side of Mill Creek embayment, is TVA's Loyston Recreation area which includes a campground, day use area, and boat launching ramp. In anticipation of increased demand for public facilities, over the life of the Norris Reservoir Land Management Plan, additional acreage on each end of the existing facilities has been allocated to Zone 6 to provide for future expansion. This parcel was placed in Zone 6 to reflect the current land use. Additional water use facilities will be considered.

Parcel 308

Allocation: Zone 3 - Sensitive Resource Management
• Heritage (plants)
• Hemlock Bluff TVA Small Wild Area
Acres: 176.73
Feet of Shoreline: 11,108.34
Stream Location: Clinch River mile 96L
Hydrologic Unit: 5-220
County: Union
Water Use Facilities No

This parcel, located at the tip of Loyston Point, is the **Hemlock Bluff TVA Small Wild Area**. This 78-acre part of this parcel is unique because of numerous hemlocks growing on a steep limestone ridge. A seven-mile loop hiking trail winds through a mixed forest that includes hemlock, white oak, beech, and pine. This area has been proposed as a potential National Natural Landmark. This parcel was placed in Zone 3 to protect these sensitive resources. Requests for water use facilities will not be considered.

Parcel 309

Allocation: Zone 4 - Natural Resource Conservation
Acres: 8.07
Feet of Shoreline: 5,165.57
Stream Location: Mill Creek mile 1.5 (Islands)
Hydrologic Unit: 5-220
County: Union
Water Use Facilities No

This parcel is comprised of several islands which are occupied by various size hardwoods, with a cedar component. Islands are visual focal points that should be protected to enhance the aesthetic quality of the reservoir. Although this grouping of islands vary in degrees of visual quality, any management activities taking place on this parcel should be planned with sensitivity to maintaining the visual integrity of the site.

This parcel was placed in Zone 4 to conserve important wildlife habitat and shoreline vegetation, visual resources, and to ensure its continued availability for informal recreation use. Requests for water use facilities will not be considered.

Parcel 310

Allocation: Zone 6 - Developed Recreation
Acres: 24.15
Feet of Shoreline: 16,029.85
Stream Location: Clinch River mile 91.7L
Hydrologic Unit: 5-220
County: Anderson and Union
Water Use Facilities Yes

This parcel, located along the southern shore of the Clinch River arm of Norris Reservoir, across from the Chuck Swan Wildlife Management area, is the site of Stardust Resort and Marina. There are reservoir fringe wetlands located in the cove near the Pellissippi Boy Scout Camp, which is located on the eastern end of this parcel, has a license agreement (Contract No. TV-74495A) providing mooring rights and harbor limits.

This parcel was placed in Zone 6 to reflect the current and backlying land use. Requests for additional commercial or public water use facilities will be considered.

Parcel 311

Allocation: Zone 6 - Developed Recreation
Acres: 38.13
Feet of Shoreline: 13,032.58
Stream Location: Clinch River mile 87L
Hydrologic Unit: 5-220
County: Anderson
Water Use Facilities Yes

This parcel fronts Anderson County State Park. When TVA transferred in fee (Contract No. TV-22877A) 196 acres above the 1044-foot contour elevation to Anderson County for the development of a park, an easement was included to provide access to the land exposed or not submerged by the Norris Reservoir below the 1044-foot contour elevation for the operation of Anderson County Park. The easement gives Anderson County the right to build recreation facilities, approved by TVA, and manage the land for recreation purposes. This parcel was placed in Zone 6 to reflect the current land use. Requests for additional commercial or public water use facilities will be considered.

Parcel 312

Allocation: Zone 7 - Residential Access
Acres: 6.25
Feet of Shoreline: 6,527.80
Stream Location: Clinch River mile 86L
Hydrologic Unit: 5-220
County: Anderson
Water Use Facilities Yes

This parcel, located on the eastern shore (left bank) of Norris Reservoir immediately downstream of Anderson County Park, fronts Oak Ridge Yacht Club (Phase 1) and Hagaman Subdivisions. Current data show 25 permitted structures associated with this parcel. The TVA property line runs along the 1044-foot contour elevation. Reservoir fringe wetlands are found in three separate coves.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backing property developed for residential use. Requests for additional water use facilities will be considered.. Under the shoreline categorization system, the shoreline of this parcel has been placed in two categories. Segments categorized as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining segments of shoreline in this parcel have been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an

archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 313

Allocation: Zone 7 - Residential Access
Acres: 59.01
Feet of Shoreline: 15,362.60
Stream Location: Clinch River mile 85L
Hydrologic Unit: 5-220
County: Anderson
Water Use Facilities Yes

This parcel is located on the eastern shore (left bank) of Norris Reservoir, fronting Sequoyah Landing and Oak Ridge Yacht Club (Phase 2) Subdivisions. Current data show 28 permitted structures associated with this parcel. The TVA property line varies along this parcel from the 1044- to 1052-foot contour elevation. Reservoir fringe wetlands are found in three separate coves.

This parcel was placed in Zone 7 to reflect the existence of ingress and egress rights with backing property developed for residential use. Requests for additional water use facilities will be considered. Segments categorized as Managed Residential contain no known sensitive resources at the present time; however, a routine environmental review would be required for any proposed action. The remaining segments of shoreline in this parcel have been placed in the Residential Mitigation category. Shoreline segments are placed in this category on Norris Reservoir to reflect resource conditions that would require special analysis of individual development proposals, and perhaps specific mitigation measures, before a permit decision could be made. This category would also include shoreline segments where additional data (such as an archaeological survey) about resource conditions would be needed before a permit decision could be made.

Parcel 314

Allocation: Zone 6 - Developed Recreation
Acres: 9.5
Feet of Shoreline: N/A
Stream Location: Clinch River mile 85.2L
Hydrologic Unit: 5-220
County: Anderson
Water Use Facilities Yes

This very small parcel is located at the head of a cove fronting Oak Ridge Yacht Club Subdivision (Phase 2). This is one of 32 parcels transferred to the Tennessee Wildlife Resources Agency in 1953. The agreement transfers in fee those lands above the 1052-foot contour

elevation and provides a recreation easement from the 1052-foot contour elevation to the water. TVA retained certain rights across the easement, and all recreation facilities are subject to TVA approval. This parcel has a gravel parking lot for five to seven vehicles. Small boats can be launched from the shoreline at summer pool. The area is gated during the winter months. This parcel was placed in Zone 6 to reflect the current land use. Requests for additional commercial or public water use facilities will be considered.

Parcel 315

Allocation:	Zone 6 - Developed Recreation
Acres:	5.29
Feet of Shoreline:	2,173.22
Stream Location:	Clinch River mile 84L
Hydrologic Unit:	5-220
County:	Anderson
Water Use Facilities	Yes

Sequoyah Lodge and Marina, Inc., is located immediately upstream of Norris State Park and has a license agreement (Contract No. RLR-103766) providing them mooring rights and harbor limits. This parcel was placed in Zone 6 to reflect the current land use. Requests for commercial or public water use facilities will be considered.
