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4.2 List of Agencies and Organizations Consulted

The draft EA was distributed to the following federal, state and local agencies, conservation organizations, and area public libraries and courthouses.

Federal Agencies

U.S. Geological Services

U.S. Army Corps of Engineers

U.S. Fish and Wildlife Service

State Agencies

Tennessee Department of Economic and Community Development

Tennessee Wildlife Resources Agency

Tennessee Department of Transportation

Tennessee Department of Environment and Conservation

Commissioner's Office

Division of Water Pollution Control

Division of Air Pollution Control

Division of Water Supply

Division of Groundwater Protection

Division of Natural Heritage

Division of State Parks

Tennessee Historical Commission

Tennessee Commission of Indian Affairs

Tennessee Division of Forestry

Regional/Local Agencies

Anderson County Chamber of Commerce

Anderson County Tourism Council

Campbell County Chamber of Commerce

Claiborne County Chamber of Commerce

Lake City Chamber of Commerce

Oak Ridge Chamber of Commerce

Conservation Organizations

Campbell Outdoor Recreation Association
Tennessee Conservation League
National Wildlife Federation
National Wild Turkey Federation
Quail Unlimited
Ducks Unlimited
Soil Conservation District Board
Friends of Cove Lake
Friends of Big Ridge State Park
Campbell County Soil Conservation

Area Public Libraries and Courthouses

Anderson County Courthouse
Campbell County Courthouse
Caryville Public Library
Claiborne County Courthouse
Clinton Public Library
Grainger County Courthouse
Jacksboro Public Library
Knoxville City-County Building
Knox County Public Library (Halls Branch)
LaFollette Public Library
Lake City Public Library
Lawson McGhee Library (Knoxville)
Norris Public Library
Rutledge PublicLibrary
Union County Courthouse

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4.3 Glossary

100-year Floodplain	The area inundated by the 1 percent annual chance (or 100-year) of flooding.
Agricultural Licensing	Some parcels or portions of parcels designated for other purposes or uses may also be suitable for interim agricultural licensing. These parcels have been identified using the criteria contained in the January 1999 Agriculture Land Licensing EA. Land with extreme erosion potential may not be licensed for agricultural use unless erosion and sediment controls, including the use of BMPs, can be successfully implemented. Further investigation and/or mitigation of adverse impacts to natural or cultural resources may be required prior to approval of license agreements.
Attainment Areas	Those areas of the U.S. that meet National Ambient Air Quality Standards as determined by measurements of air pollutant levels.
Benthic	Refers to the bottom of a stream, river, or reservoir.
Cumulative Impacts	Impacts which result from the incremental impact of the action when added to other past, present, and reasonably foreseeable actions, regardless of what agency or person undertakes such actions (40 C.F.R. § 1508.7).
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.
Direct Impacts	Effects which are caused by the action and occur at the same time and place (40 C.F.R. § 1508.4).
Dissolved Oxygen	The oxygen dissolved in water necessary to sustain aquatic life. It is usually measured in milligrams per liter or parts per million.
Drawdown Zone	Area of reservoirs exposed between full summer pool and minimum winter pool levels during annual drawdown of the water level for flood control.
Dredging	The removal of material from an underwater location, primarily for deepening harbors and waterways.
Embayment	A bay or arm of the reservoir.
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.
Fecal Coliform	Common intestinal bacteria in human and animal waste.
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.

Flowage Easement Tracts	Non-TVA lakeshore properties where TVA has (1) the right to flood the land as part of its reservoir operations, (2) no rights for vegetation management, and (3) the authority to review plans for the construction of structures under Section 26a of the TVA Act.
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.
Indirect Impacts	Effects which are caused by the action and are later in time or farther removed in distance but are still reasonably foreseeable (40 C.F.R. § 1508.4).
Macroinvertebrates	Aquatic insects, snails, and mussels whose species, genus, etc., can be determined with the naked eye.
Mainstream Reservoirs	Impoundments created by dams constructed across the Tennessee River.
Marginal Strip	The narrow strip of land owned by TVA between the water's edge and the adjoining private property, on which the property owner may construct private water use facilities upon approval of plans by TVA.
Maximum Shoreline Contour	An elevation typically 5 feet above the top of the gates of a TVA dam. It is often the property boundary between TVA marginal strip property and adjoining private property.
National Ambient Air Quality Standards	Uniform, national air quality standards established by the Environmental Protection Agency that restrict ambient levels of certain pollutants to protect public health (primary standards) or public welfare (secondary standards). Standards have been set for ozone, carbon monoxide, particulate, sulfur dioxide, nitrogen, nitrogen dioxide, and lead.
National Environmental Policy Act	Legislation signed into law in 1970 which, among other provisions, requires U.S. government agencies to prepare environmental reviews on proposed policies, procedures, plans, approvals, and other proposed federal actions. Approval of a private water use facility or sale of an easement to use federal land are examples of federal actions subject to NEPA.
Neotropical Migrant Birds	Birds which nest in the U.S. or Canada and migrate to spend the winter in Mexico, Central America, the Caribbean, or South America.
Physiographic Provinces	General divisions of land with each area having characteristic combinations of soil materials and topography.

Prime Farmland	Generally regarded as the best land for farming. These areas are flat or gently rolling and are usually susceptible to little or no soil erosion. Prime farmland produces the most food, feed, fiber, forage, and oilseed crops with the least amount of fuel, fertilizer, and labor. It combines favorable soil quality, growing season, and moisture supply and, under careful management, can be farmed continuously and at a high level of productivity without degrading either the environment or the resource base. Prime farmland does not include land already in or committed to urban development, roads, or water storage.
Reservoir Operations Tracts	<p>Prior to the reservoir land planning process (1979), TVA made land use decisions based on a Forecast System approach. The term <i>Reservoir Operations</i> was used to identify specific TVA public land where the field district manager had been given the authority by the Board to approve or deny minor shoreline alterations requested by adjacent private landowners. In cases where property owners had no rights of ingress or egress across TVA property, but owned land adjacent to a Reservoir Operations tract, the agency could provide a letter permit allowing the property owner the right to construct preapproved private shoreline improvements.</p> <p>During TVA's formative years (1930s and 1940s) when public land was more abundant, TVA wanted to assist in providing recreation access to the reservoir wherever feasible. Reservoir Operation tracts provide this opportunity and are disbursed throughout the entire TVA reservoir system.</p>
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.
Riverine	Having characteristics similar to a river.
Sawtimber	Refers to the size of a tree. A hardwood tree that is 11 inches or greater in diameter is classified as sawtimber size. Pine trees 9 inches or greater in diameter are classified as sawtimber size.
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.
Stratification	The seasonal layering of water within a reservoir due to differences in temperature or chemical characteristics of the layers.

Substrates	The base or material to which a plant is attached and from which it receives nutrients.
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.
Tributary Reservoirs	Impoundments created by dams constructed across streams and rivers that eventually flow into the Tennessee River.
Turbidity	All the organic and inorganic living and nonliving materials suspended in a water column. Higher levels of turbidity affect light penetration and typically decrease productivity of water bodies.
Unit Plan	In 1997 TVA began managing its resources on reservoir land through a two-tier process which includes (1) Land Management Plans - a strategic look at all of the land on a reservoir to determine what is the best use (zone) and (2) Unit Plans - a tactical plan on a designated management unit which outlines a 25-year management (implementation) program for parcels zoned for natural resource conservation and sensitive resource management in the Land Management Plans. Unit plans, which include a management plan and EA, are developed with stakeholder involvement and include a number of alternatives. Management activities are categorized into wildlife habitat, forest, natural areas, and public use. Currently there are two completed plans on Norris Reservoir, Davis Creek Management Unit, 1562 acres (TVA, 2000a) and Fullerton Bend Management Unit, 2492 acres (TVA, 2001); and one draft plan, Lone Mountain Management Unit, approximately 4000 acres, scheduled to be completed in 2002.
Upland	The higher parts of a region, not closely associated with streams or lakes.
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.”

4.4 Acronyms and Abbreviations

APE	Area of Potential Effect
ARPA	Archaeological Resources Protection Act
Board	TVA Board of Directors
BMPs	Best Management Practices
CCC	Civilian Conservation Corps
cfs	cubic feet per second
CPWT	Clinch-Powell Watershed Team
CRM	Clinch River Mile
°F	Degrees Fahrenheit
DO	dissolved oxygen
EA	Environmental Assessment
EIS	Environmental Impact Statement
FPPA	Federal Farmland Protection Policy Act
FONSI	Finding of No Significant Impact
HUCs	Hydrologic Unit Codes
msc	maximum shoreline contour
msl	mean sea level
Loyston	Loyston Point Recreation Area
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act
Norris Plan	Norris Reservoir Land Management Plan
NRHP	National Register of Historic Places
PA	Programmatic Agreement
Plan	Reservoir Land Management Plan
PRM	Powell River Mile
PSD	Prevention of Significant Deterioration
RVSMP	Reservoir Vital Signs Monitoring Program
SAHI	Shoreline Aquatic Habitat Index
SFI	Sport Fishing Index

SHPO	State Historic Preservation Officer
SMI	Shoreline Management Initiative
SMP	Shoreline Management Policy
SMZ	Shoreline Management Zone
Tactical Plan	Norris Dam Reservation Tactical Plan
TDEC	Tennessee Department of Environment and Conservation
TMDL	Total Maximum Daily Load
TVA	Tennessee Valley Authority
TWRA	Tennessee Wildlife Resources Agency
USACE	U.S. Army Corps of Engineers
USDA	U.S. Department of Agriculture
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service

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