

**APPENDIX B**  
**CATEGORICAL EXCLUSION CHECKLIST**

## Categorical Exclusion Checklist for Proposed TVA Actions

Categorical Exclusion Number Claimed	Organization ID Number	Tracking Number <i>(NEPA Administration Use Only)</i> 1424
Form Preparer <b>Benjamin H. Peters III</b>	Project Initiator/Manager <b>Benjamin H. Peters III</b>	Business Unit <b>RSOE - Resource Stewardship</b>
Project Title <b>Shields Creek Crappie restoration project &amp; subimpoundment dam</b>		Hydrologic Unit Code
Description of Proposed Action <i>(Include Anticipated Dates of Implementation)</i> <input checked="" type="checkbox"/> Continued on Page 3 <i>(if more than one line)</i> <b>For Proposed Action See Attachments and References</b>		
Initiating TVA Facility or Office <b>Cherokee-Douglas Watershed Team</b>	TVA Business Units Involved in Project <b>RSOE - Resource Stewardship</b>	
Location <i>(City, County, State)</i> <b>For Project Location see Attachments and References</b>		

Parts 1 through 4 verify that there are no extraordinary circumstances associated with this action:

### Part 1. Project Characteristics

Is there evidence that the proposed action—	No	Yes	Information Source
1. Is major in scope?		X	For Comments see Attachments
2. Is part of a larger project proposal involving other TVA actions or other federal agencies?	X		Peters III B. H. 10/16/2002
*3. Involves non-routine mitigation to avoid adverse impacts?	X		Peters III B. H. 10/16/2002
4. Is opposed by another federal, state, or local government agency?	X		Peters III B. H. 10/16/2002
*5. Has environmental effects which are controversial?	X		Peters III B. H. 10/16/2002
*6. Is one of many actions that will affect the same resources?	X		Peters III B. H. 10/16/2002
7. Involves more than minor amount of land?		X	Peters III B. H. 10/16/2002

\*If "yes" is marked for any of the above boxes, consult with NEPA Administration on the suitability of this project for a categorical exclusion.

### Part 2. Natural and Cultural Features Affected

Would the proposed action—	No	Yes	Per- mit	Commit- ment	Information Source for Insignificance
1. Potentially affect endangered, threatened, or special status species?	X		No	No	For Comments see Attachments
2. Potentially affect historic structures, historic sites, Native American religious or cultural properties, or archaeological sites?	X		No	Yes	For Comments see Attachments
3. Potentially take prime or unique farmland out of production?	X		No	No	Peters III B. H. 10/16/2002
4. Potentially affect Wild and Scenic Rivers or their tributaries?	X		No	No	Peters III B. H. 10/16/2002
5. Potentially affect a stream on the Nationwide Rivers Inventory?	X		No	No	Peters III B. H. 10/16/2002
6. Potentially affect wetlands, water flow, stream channels, or stream banks?		X	No	No	For Comments see Attachments
7. Potentially affect the 100-year floodplain?		X	No	Yes	For Comments see Attachments
8. Potentially affect ecologically critical areas, federal, state, or local park lands, national or state forests, wilderness areas, scenic areas, wildlife management areas, recreational areas, greenways, or trails?	X		No	No	For Comments see Attachments
9. Contribute to the spread of exotic or invasive species?	X		No	No	For Comments see Attachments
10. Potentially affect migratory bird populations?		X	No	No	For Comments see Attachments
11. Involve water withdrawal of a magnitude that may affect aquatic life or involve interbasin transfer of water?	X		No	No	Peters III B. H. 10/16/2002
12. Potentially affect surface water?		X	Yes	No	For Comments see Attachments
13. Potentially affect drinking water supply or potable water?	X		No	No	Peters III B. H. 10/16/2002
14. Potentially affect groundwater?	X		No	No	Peters III B. H. 10/16/2002
15. Potentially affect unique or important terrestrial habitat?	X		No	No	For Comments see Attachments
16. Potentially affect unique or important aquatic habitat?		X	Yes	No	For Comments see Attachments

### Part 3. Potential Pollutant Generation

Would the proposed action potentially (including accidentally or unplanned)—	No	Yes	Permit	Commitment	Information Source for Insignificance
1. Release air pollutants?	X		No	No	Peters III B. H. 10/16/2002
2. Generate water pollutants?	X		No	No	For Comments see Attachments
3. Generate wastewater streams, change the quality or quantity of a discharge or affect wastewater monitoring equipment or treatment systems?	X		No	No	Peters III B. H. 10/16/2002
4. Cause soil erosion?	X		No	No	Peters III B. H. 10/16/2002
5. Discharge dredged or fill materials?	X		No	No	Peters III B. H. 10/16/2002
6. Generate large amounts of solid waste or waste not ordinarily generated?	X		No	No	Peters III B. H. 10/16/2002
7. Generate or release hazardous waste (RCRA)?	X		No	No	Peters III B. H. 10/16/2002
8. Generate or release universal or special waste, or used oil?	X		No	No	Peters III B. H. 10/16/2002
9. Generate or release toxic substances (CERCLA, TSCA)?	X		No	No	Peters III B. H. 10/16/2002
10. Involve materials such as PCBs, solvents, asbestos, sandblasting material, mercury, lead, or paints?	X		No	No	Peters III B. H. 10/16/2002
11. Involve disturbance of pre-existing contamination?	X		No	No	Peters III B. H. 10/16/2002
12. Generate noise levels with off-site impacts?	X		No	No	Peters III B. H. 10/16/2002
13. Generate odor with off-site impacts?	X		No	No	Peters III B. H. 10/16/2002
14. Produce light which causes disturbance?	X		No	No	Peters III B. H. 10/16/2002
15. Release of radioactive materials?	X		No	No	Peters III B. H. 10/16/2002
16. Involve underground or above-ground storage tanks or bulk storage?	X		No	No	Peters III B. H. 10/16/2002
17. Involve materials that require special handling?	X		No	No	Peters III B. H. 10/16/2002

### Part 4. Social and Economic Effects

Would the proposed action—	No	Yes	Commitment	Information Source for Insignificance
1. Potentially cause public health effects?	X		No	Peters III B. H. 10/16/2002
2. Increase the potential for accidents affecting the public?	X		No	Peters III B. H. 10/16/2002
3. Cause the displacement or relocation of businesses, residences, cemeteries, or farms?	X		No	Peters III B. H. 10/16/2002
4. Contrast with existing land use, or potentially affect resources described as unique or significant in a federal, state, or local plan?	X		No	Peters III B. H. 10/16/2002
5. Disproportionately affect minority or low-income populations?	X		No	Peters III B. H. 10/16/2002
6. Involve genetically engineered organisms or materials?	X		No	Peters III B. H. 10/16/2002
7. Produce visual contrast or visual discord?	X		No	Peters III B. H. 10/16/2002
8. Potentially interfere with recreational or educational uses?		X	Yes	For Comments see Attachments
9. Potentially interfere with river or other navigation?	X		No	Peters III B. H. 10/16/2002
10. Potentially generate highway or railroad traffic problems?	X		No	Peters III B. H. 10/16/2002

### Part 5. Other Environmental Compliance/Reporting Issues

Would the proposed action—	No	Yes	Commitment	Information Source
1. Release or otherwise use substances on the Toxic Release Inventory list?	X		No	Peters III B. H. 10/16/2002
2. Involve a structure taller than 200 feet above ground level?	X		No	Peters III B. H. 10/16/2002
3. Involve site-specific chemical traffic control?	X		No	Peters III B. H. 10/16/2002
4. Require a site-specific emergency notification process?	X		No	Peters III B. H. 10/16/2002
5. Cause a modification to equipment with an environmental permit?	X		No	Peters III B. H. 10/16/2002
6.				
7.				
8.				
9.				
10.				



## CEC General Comment Listing

2. please review  
By: ALIS Added Comment
3. please review  
By: ALIS Added Comment
4. please review  
By: ALIS Added Comment
5. please review  
By: ALIS Added Comment
6. please review  
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7. save  
By: ALIS Added Comment
8. save  
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9. save  
By: ALIS Added Comment
10. please review  
By: ALIS Added Comment  
Files: App1.pdf 08/23/2002 38,913 Bytes  
app2.pdf 08/23/2002 30,831 Bytes  
app3.pdf 08/23/2002 41,698 Bytes  
app4.pdf 08/23/2002 11,453 Bytes  
app5.pdf 08/23/2002 17,054 Bytes
11. please review  
By: ALIS Added Comment  
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corres2.pdf 08/23/2002 31,223 Bytes  
envir comments.pdf 08/23/2002 18,826 Bytes  
envir comments2.pdf 08/23/2002 37,711 Bytes  
envir comments4.pdf 08/23/2002 33,972 Bytes
12. please review  
By: ALIS Added Comment  
Files: envir comments5.pdf 08/23/2002 14,537 Bytes  
envir comments6.pdf 08/23/2002 24,074 Bytes
13. please review  
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Files: envir comments5.pdf 08/23/2002 14,537 Bytes  
envir comments6.pdf 08/23/2002 24,074 Bytes
14. please  
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Files: envir comments5.pdf 08/23/2002 14,537 Bytes  
envir comments6.pdf 08/23/2002 24,074 Bytes  
envir comments 3.pdf 08/23/2002 27,681 Bytes  
map1.pdf 08/23/2002 134,991 Bytes
15. please review  
By: ALIS Added Comment  
Files: mapaqui.pdf 08/23/2002 36,439 Bytes  
memofunderstanding.pdf 08/23/2002 77,493 Bytes  
plan1.pdf 08/23/2002 110,968 Bytes  
plan2.pdf 08/23/2002 153,001 Bytes  
plan3.pdf 08/23/2002 100,271 Bytes

## CEC General Comment Listing

### 16. please review

By: ALIS Added Comment

Files: plan4.pdf 08/23/2002 115,899 Bytes

publiccorp1.pdf 08/23/2002 26,537 Bytes

topofplan4.pdf 08/23/2002 131,445 Bytes

tvapublicnot.pdf 08/23/2002 23,998 Bytes

### 17. please review corrected map2

By: ALIS Added Comment

Files: map2.pdf 08/27/2002 27,365 Bytes

## CEC Comment Listing

### Part 1 Comments

1. Considering scope of project, abbreviated EA is being prepared.

By: Benjamin H. Peters III 10/16/2002

### Part 2 Comments

1. See attached Environmental Assessment.

By: Stephen D Cottrell 10/25/2002

2. Two archaeological sites occur in the vicinity of the dam construction but far enough away from the dam footprint that they can be avoided during construction. TVA Cultural Resources will provide a map showing these locations, and TWRA will be required to erect temporary fences around these sites for the duration of construction. See Commitment.

By: Danny E Olinger 09/25/2002

6. See attached Environmental Assessment.

By: Stephen D Cottrell 10/25/2002

7. See attached response.

By: Roger A. Milstead 09/20/2002

Files: 113031mot2.doc 09/20/2002 12,288 Bytes

8. See attached Environmental Assessment.

By: Stephen D Cottrell 10/25/2002

8. See attached Environmental Assessment.

By: Stephen D Cottrell 10/25/2002

9. See attached Environmental Assessment.

By: Stephen D Cottrell 10/25/2002

10. See attached Environmental Assessment.

By: Stephen D Cottrell 10/25/2002

12. Temporary construction impacts to surface water and the aquatic environment resulting from the proposed activities will be insignificant with the implementation of the following General and Standard Conditions for Section 26a and land use actions: General Condition 9, Standard Conditions 3c, 6a, 6d, 6e, 6g, and 6i.

By: George E Peck 09/04/2002

Files: 02-113031-26a rev..doc 09/04/2002 11,776 Bytes

15. See attached Environmental Assessment.

By: Stephen D Cottrell 10/25/2002

15. See attached Environmental Assessment.

By: Stephen D Cottrell 10/25/2002

16. Temporary construction impacts to surface water and the aquatic environment resulting from the proposed activities will be insignificant with the implementation of the following General and Standard Conditions for Section 26a and land use actions: General Condition 9, Standard Conditions 3c, 6a, 6d, 6e, 6g, and 6i.

By: George E Peck 09/04/2002

Files: 02-113031-26a rev..doc 09/04/2002 11,776 Bytes

### Part 3 Comments

#### **CEC Comment Listing**

2. NPDES permit will not be required because threshold level is 100,000 pounds fish produced. This project estimated to produce 4-5,000 pounds.

By: Benjamin H. Peters III 10/16/2002

#### **Part 4 Comments**

8. Area will be closed to the public for fishing and other water recreational uses.

By: Benjamin H. Peters III 10/16/2002

#### **CEC Commitment Listing**

#### **Part 2 Commitments**

2. Two archaeological sites in the vicinity of the dam construction will be protected by temporary fences for the duration of construction. No equipment will be operated and no ground disturbance will occur within the areas defined by these barriers.

By: Danny E Olinger 09/25/2002

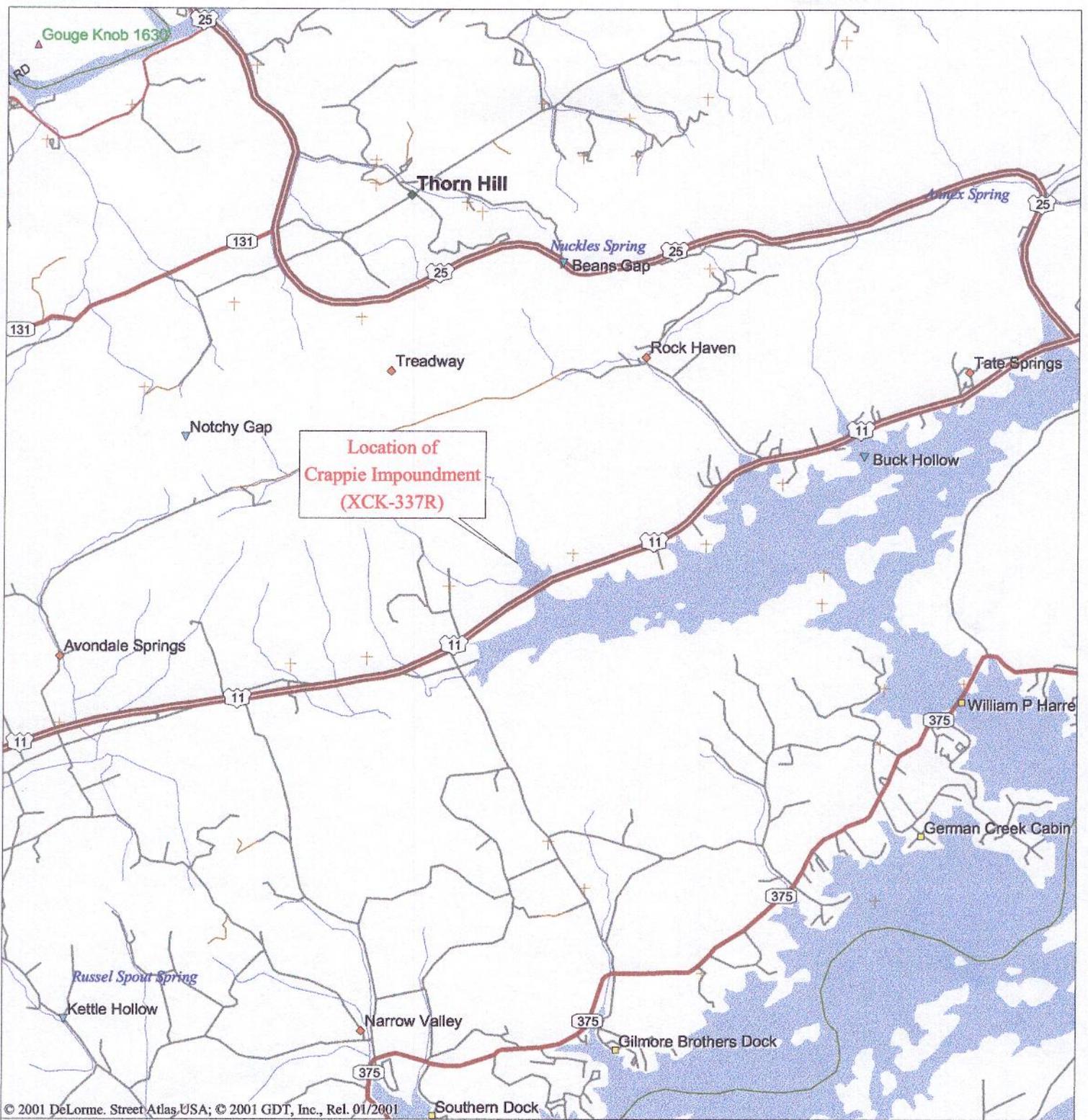
7. User Defined

By: Roger A. Milstead 09/20/2002

#### **Part 4 Commitments**

8. This dam could be a recreational boating safety problem if boaters are not properly warned. Strongly suggest that TWRA hang sign off bridge stating No Boating Beyond This Point or Caution Obstruction In Reservoir something that warns boaters that if they go under the bridge there is a safety issue.

By: George M Humphrey 08/26/2002



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## Vicinity Map (Cherokee Reservoir)

Mag 13.00  
 Tue Nov 12 17:16 2002  
 Scale 1:62,500 (at center)  
 1 Miles  
 2 km

- |                 |                    |
|-----------------|--------------------|
| Local Road      | Point of Interest  |
| Major Connector | Small Town         |
| State Route     | Summit             |
| Trail           | Geographic Feature |
| US Highway      | Locale             |

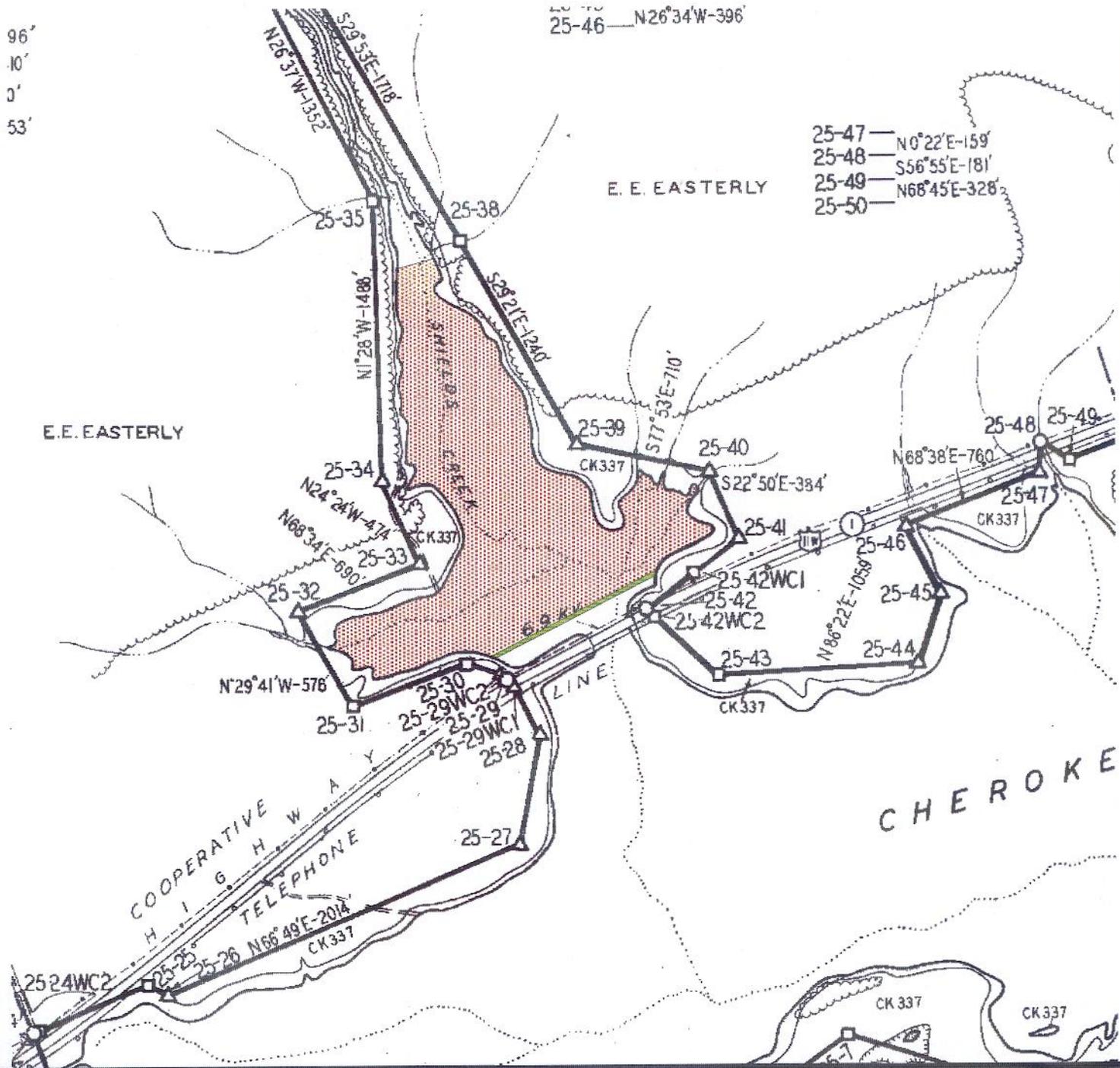
96'  
10'  
0'  
53'

25-46 N26°34'W-396'

25-47 N0°22'E-159'  
25-48 S56°55'E-181'  
25-49 N68°45'E-328'  
25-50

E. E. EASTERLY

E. E. EASTERLY



### Exhibit Map

Cherokee Reservoir

Shields Creek Crappie Impoundment

Bean Station, Tennessee

Tract Number XCK-337R

Holston River Mile 70.1R

Map Reference:  
D-Stage 25  
Quad 162SW

#### Legend

-  Approximate Impoundment Area
-  Approximate Dam Axis



500 0 500 1000 Feet



November 12, 2002



Resource Stewardship