# OMB control #: 3316-XXXX

# **Tennessee Valley Authority (TVA)**

# **Recreation Use Survey**

# **for XXXX Reservoir**

   

   

**The University of Tennessee**

## Department of Forestry, Wildlife & Fisheries

|  |  |  |
| --- | --- | --- |
| http://utswfs.utk.edu/images/FWFlogo_b&w.gif |  | http://upload.wikimedia.org/wikipedia/commons/thumb/e/e2/Tennessee_Valley_Authority_Logo_%28B-W_positive%29.svg/2000px-Tennessee_Valley_Authority_Logo_%28B-W_positive%29.svg.png |

The information you provide will not be associated with your name, and will only be presented, if at all, in aggregate with the rest of the survey respondents

The following questions concern your visit to XXXXXX Reservoir on the day you were contacted by the TVA Recreation Survey Crew from The University of Tennessee at XXXXXX Reservoir. You do not have to go boating or be on the water to use XXXXXX Reservoir for recreational purposes. For example, recreation on XXXXXX Reservoir would include bank fishing, picnicking, wildlife viewing, sightseeing, walking along the shore, etc. Your participation is voluntary and your responses are strictly confidential. The information you provide will not be associated with your name.

**1. On the day you were contacted by our survey crew, how many hours did you visit XXXXXX Reservoir for RECREATIONAL purposes?**  \_\_\_\_hours

**2. In which of the following recreational activities did you or members of your party participate during that visit to XXXXXX Reservoir?** *(check all that apply)*

 *[ ]*  Pleasure boating (including house boating) *[ ]* Horseback riding

 *[ ]*  Sailing *[ ]*  Hiking, walking, jogging

 *[ ]*  Water-skiing/tubing/other tow *[ ]*  Tent or vehicle camping

 *[ ]*  Riding a personal watercraft *[ ]*  Sightseeing

 *[ ]*  Canoeing/kayaking *[ ]*  Viewing wildlife

 *[ ]*  Fishing (from boat) *[ ]*  Windsurfing

  *[ ]*  Fishing (from shore) *[ ]*  Hunting

 *[ ]*  Swimming/beach use *[ ]*  Bicycling

 *[ ]*  Mountain biking *[ ]*  Picnicking

 *[ ]*  Other (specify: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)

**2a. What was your primary recreational activity during your visit to XXXXXX Reservoir?**

 Primary recreational activity: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Do you have a seasonal or permanent home in XXXX, XXXX, or XXXX County, Tennessee?

**Continue** **⇒**

*[ ]*  Yes **⮊** SKIP TO QUESTION 4

*[ ]*  No

**3a. Was visiting XXXXXX Reservoir the primary reason for your trip to the XXXXXX area?**

*[ ]*  Yes

*[ ]*  No

3b. Did you stay overnight in one of the following counties surrounding XXXXXX Reservoir: XXXX, XXXX, or XXXX?

*[ ]*  Yes

*[ ]*  No **⮊** SKIP TO QUESTION 4

**3c. How many nights did you stay in the XXXXXX Reservoir area on your trip?**

\_\_\_\_\_ nights

**3d. What was the main type of lodging you used on your trip?** (*check one box only)*

*[ ]*  Hotel, motel, resort, or rented boat

*[ ]*  Rental house, cabin, or condo

*[ ]*  Your own house, cabin, or condo

 *[ ]*  House, cabin, or condo owned by family or friends

 *[ ]*  Own boat

 *[ ]*  Boat owned by family or friends

 *[ ]*  Campground, rental RV site, etc.

 *[ ]*  Other (specify: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)

**3e. How many days did you recreate on XXXXXX Reservoir during your trip?**

\_\_\_\_\_ days

**4. During your trip to XXXXXX Reservoir, did you:**

 *[ ]*  Share expenses with other people?

 *[ ]*  Pay only your personal expenses?

 *[ ]*  Pay for yourself and others? **🡪** How many people did you pay for including yourself?

 \_\_\_\_ Total number paid for

**5. Please estimate the average amount you spent on this trip. Include all expenses at home preparing for this trip, while traveling to and from this reservoir from your home, and while visiting this reservoir.** *(If you paid expenses for other people, please include what you paid for yourself and others. If you did not have expenses, write “0”).* **(By BOAT we mean all motorized and non-motorized watercraft, including fishing, skiing, and pontoon boats, personal watercraft, houseboats, canoes, kayaks, and paddleboats.)**

# **ITEM SPENDING/DAY**

**Lodging:**

No Lodging Expense  ***N/A***

Hotel or Motel $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Bed & Breakfast or Cabin $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Public or Private Campground for RV, Tent, Camper, etc. $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Rental Home, Cottage, or Camper $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Food & Beverages:**

Meals (Food & Drinks) at Restaurants (including tips) $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Food & Drinks Purchased at Convenience/Special Food Stores $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Food Purchased at a Grocery Store or Supermarket $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Transportation to and from the Reservoir:**

Gasoline & Oil $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Repair/Service for Automobile, Truck, SUV, or Trailer $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Other Transportation (Bicycle, Motorcycle, ATV, etc.) $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Other Transportation Costs (excluding Gas/Oil) (Please specify):\_\_\_\_\_\_\_\_\_\_\_\_\_ $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Boat (Motorized and Non-Motorized Watercraft):**

Boat Rental Fees $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Boat Repairs & Service $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Entry, Parking, or Launch Fees on Public/Private Land $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Gasoline & Oil for Boat $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Other Expenses:**

Entertainment (Museums, Amusement, etc.) $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Retail Goods Other than Groceries (General Merchandise) $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Horseback Riding $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Camping supplies $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Fishing supplies $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Hunting supplies $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Guide/Outfitter or Tour Fees $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Fishing/Hunting Fees or Licenses $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Other Types of Equipment Rentals $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Souvenirs & Gifts $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Other Expenses (please specify):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**TOTAL (ALL COSTS OF TRIP)** **$\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**6. In an average year, approximately how many trips of 1 or more consecutive days do you make to XXXXXX Reservoir for recreational purposes each month? If you are a permanent or seasonal resident, 1 day or less = 1 trip.**

*(If you do not visit this reservoir in a specific month, write “0”.)*

 **# of trips # of trips # of trips**

 \_\_\_\_\_ January \_\_\_\_\_ May \_\_\_\_\_ September

 \_\_\_\_\_ February \_\_\_\_\_ June \_\_\_\_\_ October

 \_\_\_\_\_ March \_\_\_\_\_ July \_\_\_\_\_ November

 \_\_\_\_\_ April \_\_\_\_\_ August \_\_\_\_\_ December

**7. There might be months when you make few or no trips to XXXXXX Reservoir. What are the main reasons why you make few or no trips to XXXXXX Reservoir during these months for recreational purposes?** *(Check all that apply)*

*[ ]*  I am a seasonal resident and do not live here during those months.

*[ ]*  Children are in school

 *[ ]*  Air temperature is HOT

 *[ ]*  Air temperature is COLD

 *[ ]*  Water temperature is too HOT

 *[ ]*  Water temperature is too COLD

 *[ ]*  Water levels are too LOW

 *[ ]*  Water levels are too HIGH

 *[ ]*  Water cannot be accessed easily from my property

 *[ ]*  Water gets too crowded for shoreline activities (e.g. swimming, fishing)

 *[ ]*  Water gets too crowded for off-shore activities (e.g. boating, windsurfing)

 *[ ]*  I have other recreational interests during those months

 *[ ]*  Bad weather conditions

 *[ ]*  Other (specify: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)

7a. If you checked more than one reason above, which one of these is the MAIN REASON for making few or no trips to XXXXXX Reservoir during certain months?

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**8. If there are certain months when you make few or no trips to this reservoir, what could be done at this reservoir to increase your trips during these months?**

*(Check all that apply)*

*[ ]*  Increase mountain biking trails

*[ ]*  Increase hunting (archery-only, waterfowl)

*[ ]*  Increase shoreline access for more fishing spots

*[ ]*  Increase hiking trails

*[ ]*  Create bird watching platforms

*[ ]*  Increase trail maintenance (e.g. cutting trees and undergrowth back)

*[ ]*  Increase fish stocking and variety

*[ ]*  Increase or improve public facilities. Check from the list below that applies

* Add parking
* Add/maintain restrooms
* Add elevated boardwalks
* Add playgrounds

*[ ]*  Increase public access to water

 *[ ]*  Improve user safety (lights, enforcement, etc.)

 *[ ]*  Increase the water level

 *[ ]*  Decrease the water level

 *[ ]*  Other (specify:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)

 *[ ]*  Nothing would increase the number of days

**9. Please rate your perception of the level of CROWDING at each of the following recreation areas you used on this trip to XXXXXX Reservoir.**

# *(Check one response for each statement.)*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  ***Did not use*** | Not at all crowded**1** | **2** | **3** | **4** | **Very****crowded****5** |
| Marina | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| Developed campground | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| Swimming area | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| Undeveloped sites | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| Boat launch area/ramp | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| Fishing pier or berm | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| Picnic area | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| Hiking, biking or horseback trails | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| Hunting | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| Parking lots | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |

**10. In general, using the list below, would you say the NUMBER on XXXXXX Reservoir is too few, about right, or too many?**

*(Check one response for each statement.)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Too few** | **About right** | **Too many** | ***Don’t know*** |
| Canoes/row boaters/kayaks | [ ]  | [ ]  | [ ]  | [ ]  |
| People | [ ]  | [ ]  | [ ]  | [ ]  |
| Personal watercraft/jet skis | [ ]  | [ ]  | [ ]  | [ ]  |
| Homes/cottages along the banks | [ ]  | [ ]  | [ ]  | [ ]  |
| Boat fishermen | [ ]  | [ ]  | [ ]  | [ ]  |
| Bank fishermen | [ ]  | [ ]  | [ ]  | [ ]  |
| Pleasure boaters | [ ]  | [ ]  | [ ]  | [ ]  |
| Sailboats | [ ]  | [ ]  | [ ]  | [ ]  |
| Commercial establishments | [ ]  | [ ]  | [ ]  | [ ]  |
| Campers | [ ]  | [ ]  | [ ]  | [ ]  |

**11. Overall, how would you describe the level of satisfaction with recreation experience at the XXXX reservoir during this trip?** *(Check one response for each statement.)*

 *[ ]*  Completely dissatisfied

 *[ ]*  Somewhat dissatisfied

 *[ ]*  Neither satisfied nor dissatisfied

 *[ ]*  Somewhat Satisfied

 *[ ]*  Completely Satisfied

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Not a problem**1** | **2** | **3** | **4** | Serious problem**5** | ***Don’t know*** |
| Erosion of banks | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| Obstructions in the water | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| Muddy water | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| Water pollution | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| Visitor impacts on vegetation and soils | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| Visitor impacts on wildlife | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| Pollution of water from boats | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| Noise from personal watercraft or jet skis | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| Noise from boats (not including personal watercraft) | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| Alcohol use/abuse | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| Boats traveling too fast (not including personal watercraft) | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| Personal watercraft or jet skis traveling too fast | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| Personal watercraft “play” activities, e.g. “hot dogging” | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| Vandalism | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| Crime | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |
| Litter | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  | [ ]  |

**12. In general, to what extent is each of the following a PROBLEM on XXXXXX Reservoir, if at all?**

**13. If you have any COMMENTS about problems or concerns on XXXXXX Reservoir, please provide them below.**

This final section will help us understand more about recreation visitors to XXXXXX Reservoir. All responses to the following questions are confidential and are used for statistical purposes only. No question you answer on this survey will be linked to you personally in any analysis or report.

**14. What is your zip code? If you are a seasonal resident, please give the zip code of your seasonal home.** \_\_\_\_\_\_\_\_ Zip Code

**15. What county do you live in? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**16. Are you …?**  [ ]  Male [ ]  Female

**17. Including yourself, how many people live in your household?**

\_\_\_\_\_Adults \_\_\_\_\_Children (17 and under)

**18. How many years of formal education have you completed?** *(check one box)*

 [ ]  Less than high school [ ]  Some college

 [ ]  High school degree or GED [ ]  Bachelors degree

 [ ]  Associates or technical school degree [ ]  Post-graduate degree

19. In what year were you born? 19\_\_ \_\_ Year born

20. What was your total gross household income in 2014 before taxes? *(check one box)*

 [ ]  Less than $20,000 [ ]  $50,000 - $74,999

 [ ]  $20,000 - $34,999 [ ]  $75,000 - $99,999

 [ ]  $35,000 - $49,999 [ ]  $100,000 or more

Thank you for taking time to answer these questions

By returning this survey, you agree to participate in this survey research. Please return the questionnaire using the stamped, self-addressed envelope provided to:

XXXXXXXXXXXXXXXXXXX.