

# **AQUATIC PLANTS, RECREATION, AND LAKE RESIDENTS**

(Personal Interview or Mail Survey)

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# AQUATIC PLANTS, RECREATION, AND LAKE RESIDENTS

## PLANTS AND RECREATION USE

1. What year did you first come to the lake for any kind of recreational activity?

\_\_\_\_\_

2. Is the residence (house, cabin, trailer, condominium, etc.) on the lake your primary residence? (That is, where you live most of the year.)

\_\_\_\_\_ Yes    \_\_\_\_\_ No

3. What year did you first move to the lake? \_\_\_\_\_

4. Have you received any pamphlets or information, put out by the TVA, describing aquatic plants or aquatic plant management?

\_\_\_\_\_ Yes                      \_\_\_\_\_ Don't know

\_\_\_\_\_ No

5. Does this residence have a boathouse?

\_\_\_\_\_ Yes                      \_\_\_\_\_ No

6. Does this residence have a boat dock?

\_\_\_\_\_ Yes                      \_\_\_\_\_ No

7. Please look at the activity list below and circle the three main activities you have participated in on the lake in the past four weeks.

- |  |   |
|--|---|
| 01 backpacking   | 53 visiting a museum or information center  |
| 02 camping in developed campgrounds                              | 58 day camping, youth camping, resident camping, organized camping, going to camp, going to summer camp, going to scout camp, church camp, or YMCA camp |
| 03 camping in primitive areas                                    | 59 no main activity   |
| 04 canoeing or kayaking  |   |
| 05 sailing   |   |
| 06 motor boating   |   |
| 06.1 jet skiing  |   |
| 07 water skiing  |   |
| 08 other boating (rowing, rafting, other floating)               |   |
| 09 outdoor pool swimming   |   |
| 10 other outdoor swimming (lakes, rivers, oceans)                |   |
| 11 wildlife observations & photography                           |   |
| 12 other nature study and observation                            |   |
| 13 photography (not including wildlife)                          |   |
| 14 day hiking  |   |
| 15 walking for pleasure touring                                  |   |
| 16 running or jogging  |   |
| 17 bicycling   |   |
| 18 horseback riding  |   |
| 19 driving motorcycle and other                                  |   |
| 20 cold freshwater fishing (trout)                               |   |
| 21.1 bank fishing  |   |
| 21.2 boat fishing  |   |
| 21.3 tournament fishing  |   |
| 24 big game hunting  |   |
| 25 waterfowl hunting   |   |
| 26 small game hunting  |   |
| 27 other hunting   |   |
| 28 picnicking  |   |
| 31 participation in other outdoor sports or games                |   |
| 32 attending outdoor sports events                               |   |
| 33 sightseeing   |   |
| 34 driving for pleasure  |   |
| 36 sunbathing  |   |
| 37 family gathering  |   |
| 38 collecting firewood   |   |
| 39 collecting berries, mushrooms, and so forth                   |   |
| 46 visiting prehistoric structures or archaeological sites       |   |
| 47 visiting historic areas, sites, buildings, or memorials       |   |
| 48 attending special events (fairs, festivals, ceremonies, etc.) |   |
| 49 attending an evening campfire program                         |   |
| 50 attending a ranger-guided nature or historic trail            |   |
| 52 reading roadside exhibits or markers                          |   |

## NON-NATIVE AQUATIC PLANTS

This section is designed so that you have the opportunity to state your opinions on the non-native plant growth in the reservoir. Please circle the letter, which is beside the most appropriate answer for each question.

1. In the lakeshore area near your house, would you describe the aquatic plant coverage as:
  - A. Not noticeable
  - B. Slight
  - C. Moderate
  - D. Heavy
  - E. Severe
  - F. Don't know
  
2. How would you describe the aquatic plants' impact on your main activity?
  - A. A help
  - B. Doesn't affect my activity (**Go to question 5**)
  - C. Bothersome only sometimes
  - D. Bothersome most of the time
  - E. Don't know
  
3. What type of aquatic plant typically affects your main activity?
  - A. Plants growing out of the water into the air.
  - B. Plants growing beneath the water surface.
  - C. Both equally affect my main activity.
  
4. What amount of aquatic plant coverage would you like to see?
  - A. As much as possible.
  - B. Somewhat more than presently exists.
  - C. The same as presently exists.
  - D. Less than presently exists but at least some.
  - E. No coverage. Eliminate the plants.
  - F. Don't know.
  
5. Do you operate a boat here at the lake?
  - A. Yes
  - B. No (**Go to question 6**)
  
- 5.1 When leaving the lake, do you clean and remove the plant material from your boat, motor, and trailer?
  - A. Yes
  - B. No
  
- 5.2 Do you typically use your own boat house or dock, or do you use a public ramp for boat access?
  - A. My own boat house or dock
  - B. A public ramp
  
6. Do you fish on the lake?
  - A. Yes
  - B. No (**Skip next question**)
  
- 6.1 What are the main types of fish you fish for in the lake? (Circle all that apply.)
  - A. Largemouth bass
  - B. White bass
  - C. Yellow bass
  - D. Bream
  - E. Crappie
  - F. Catfish
  - G. Sauger
  - H. Carp
  - I. Other \_\_\_\_\_
  - J. Anything that bites

# AQUATIC PLANTS AND YOUR LAKE RESIDENCE

1. How important is it for you to have a clear shoreline for access to your residence?

Not At All Important	Somewhat Important	Fairly Important	Very Important	Extremely Important
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2. How helpful do you think it is to spray the aquatic plants near your boathouse?

Very Unhelpful	Somewhat Unhelpful	Neither Helpful Nor Unhelpful	Somewhat Helpful	Very Helpful
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3. What effect do aquatic plants have on your property values?

Significantly Negative Effect	Somewhat Negative Effect	Neither Negative Nor Positive	Somewhat Positive	Very Positive
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4. How important is aquatic plant control for management of residential access areas?

Not At All Important	Somewhat Important	Fairly Important	Very Important	Extremely Important
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5. How important is it for you to have clear boat lanes leading from your boathouse?

Not At All Important	Somewhat Important	Fairly Important	Very Important	Extremely Important
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6. How serious are the problems that aquatic plants have cause for you in operating your boat?

Not At All Serious	Somewhat Serious	Fairly Serious	Very Serious	Extremely Serious
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7. How useful would it be for you to have more ramps and public access point built?

Not At All Useful	Somewhat Useful	Fairly Useful	Very Useful	Extremely Useful
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8. Are the public access points distributed around the lake to so that everyone can use them?

Not At All Evenly Distributed	Somewhat Evenly Distributed	Fairly Evenly Distributed	Somewhat Evenly Distributed	Very Evenly Distributed
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9. How important is it **not** to locate recreation developments (such as ramps, marinas, and camp stores) near subdivisions or private homes?

Not At All Important	Somewhat Important	Fairly Important	Very Important	Extremely Important
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10. How serious a problem is recreation by non-residential users interfering with your use of the lake?

Not At All Serious	Somewhat Serious	Fairly Serious	Very Serious	Extremely Serious
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	SERIOUSNESS					SATISFACTION						
	Don't Know	Not at all Serious	Slightly Serious	Moderately Important	Very Important	Extremely Serious	Don't Know	Very Dissatisfied	Some-what Dissatisfied	Neither Satisfied nor Dissatisfied	Somewhat Satisfied	Very Satisfied
<p><b>11.</b> Next, we would like to know how you rate the seriousness of each of the following items at the lake. Refer to the <b>SERIOUSNESS</b> scale and respond to the statements.</p> <p><b>12.</b> Then we would like to know how satisfied you are with the management of each of these items at the lake. Refer to the <b>SATISFACTION</b> scale as you respond to the statements.</p>												
Loss of natural beauty due to shoreline development	dk	1	2	3	4	5	dk	1	2	3	4	5
Restricted or inadequate public access to lake or shoreline	dk	1	2	3	4	5	dk	1	2	3	4	5
Loss of wildlife and habitat destruction	dk	1	2	3	4	5	dk	1	2	3	4	5
Large mosquito populations	dk	1	2	3	4	5	dk	1	2	3	4	5
Aquatic plant growth	dk	1	2	3	4	5	dk	1	2	3	4	5
Water pollution	dk	1	2	3	4	5	dk	1	2	3	4	5
Mosquito transmitted diseases	dk	1	2	3	4	5	dk	1	2	3	4	5

13. How much do like to fish in areas with aquatic plants?

Not At All Serious	Somewhat Serious	Fairly Serious	Very Serious	Extremely Serious
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14. How useful are aquatic plants in providing habitat for fish?

Not At All Useful	Somewhat Useful	Fairly Useful	Very Useful	Extremely Useful
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15. How useful is to you to have a level of plant coverage that provides optimum fish production and fisherman access?

Not At All Useful	Somewhat Useful	Fairly Useful	Very Useful	Extremely Useful
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16. How significant is the mosquito problem at this lake?

Not At All Significant	Somewhat Significant	Fairly Significant	Very Significant	Extremely Significant
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17. How necessary is aquatic plant control for management of sport fishing at the lake?

Not At All Serious	Somewhat Serious	Fairly Serious	Very Serious	Extremely Serious
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18. How useful are more aquatic plants in the lake in having larger and more plentiful fish?

Not At All Useful	Somewhat Useful	Fairly Useful	Very Useful	Extremely Useful
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19. Is fishing better in the boat lanes or the areas with aquatic plants?

Much Better In The Boat Lanes	Somewhat Better In The Boat Lanes	About The Same	Somewhat Better In Boat Lanes	Much Better in the Boat Lanes
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20. How serious of a danger are aquatic plants to water skiers and swimmers?

Not At All Serious	Somewhat Serious	Fairly Serious	Very Serious	Extremely Serious
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21. How useful is it to manage aquatic plants to benefit sport fishing?

Not At All Useful	Somewhat Useful	Fairly Useful	Very Useful	Extremely Useful
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22. How useful is it to manage aquatic plants to reduce mosquito populations?

Not At All Useful	Somewhat Useful	Fairly Useful	Very Useful	Extremely Useful
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23. How important is it you to have more boat lanes?

Not At All Important	Somewhat Important	Fairly Important	Very Important	Extremely Important
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24. How useful is it to have aquatic plants managed to balance impacts on all types of recreation?

Not At All Useful	Somewhat Useful	Fairly Useful	Very Useful	Extremely Useful
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25. How useful is to have aquatic plants managed to benefit sport fishing?

Not At All Useful	Somewhat Useful	Fairly Useful	Very Useful	Extremely Useful
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26. How serious are problems that aquatic plants have caused problems to operating your boat?

Not At All Serious	Somewhat Serious	Fairly Serious	Very Serious	Extremely Serious
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27. How serious are mosquito problems on the lake?

Not At All Serious	Somewhat Serious	Fairly Serious	Very Serious	Extremely Serious
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28. How important is it to manage aquatic plants to reduce mosquito populations?

Not At All Important	Somewhat Important	Fairly Important	Very Important	Extremely Important
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29. How serious is the danger from aquatic plants are to water skiers and swimmers at the lake?

Not At All Serious	Somewhat Serious	Fairly Serious	Very Serious	Extremely Serious
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30. How useful is to manage aquatic plants to balance the impacts on all types of recreation?

Not At All Useful	Somewhat Useful	Fairly Useful	Very Useful	Extremely Useful
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31. How satisfied are you with the overall quality of recreation on the lake?

Very Dissatisfied	Somewhat Dissatisfied	Neither Satisfied Nor Dissatisfied	Somewhat Satisfied	Very Satisfied
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32. How satisfied are you with the quality of aquatic plants on the lake?

Very Dissatisfied	Somewhat Dissatisfied	Neither Satisfied Nor Dissatisfied	Somewhat Satisfied	Very Satisfied
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33. How satisfied are you amount aquatic plants on the lake?

Very Dissatisfied	Somewhat Dissatisfied	Neither Satisfied Nor Dissatisfied	Somewhat Satisfied	Very Satisfied
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34. Are you satisfied with the location and distribution of aquatic plants on the lake?

Very Dissatisfied	Somewhat Dissatisfied	Neither Satisfied Nor Dissatisfied	Somewhat Satisfied	Very Satisfied
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