

# MULTI-USE MANAGEMENT OF LARGE RIVER SYSTEMS

(Personal Interview)

OMB 0710-0001

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## Multi-Use Management of Large River Systems

Hello. My name is \_\_\_\_\_ of \_\_\_\_\_. We are conducting a study of river and waterway issues in your region on behalf of a number of government agencies and the state of \_\_\_\_\_ (STATE BEING CALLED). May I please speak with the adult in your household who is 18 years old or older and who has the next birthday?

**IF QUALIFIED RESPONDENT IS NOT AVAILABLE ARRANGE CALLBACK IF POSSIBLE.**  
**IF ORIGINAL RESPONDENT IS NOT THE QUALIFIED RESPONDENT RESTATE THE INFORMATION ONCE QUALIFIED RESPONDENT IS ON THE PHONE**

Your telephone number was selected at random and your responses are important, as they are representative of other residents of the state like you. Your responses are confidential and will be used in aggregate with other peoples' responses. The interview will last about 60 minutes. May we proceed?

### SECTION 1:

1a. How familiar are you with the \_\_\_\_\_ River? Use a five-point scale, where 1 means you are "not at all familiar" and 5 means you are "very familiar."

Rating: \_\_\_\_\_

. How familiar are you with the \_\_\_\_\_ Waterway, including the \_\_\_\_\_ River and the \_\_\_\_\_ River? Use a five-point scale from one up to five, where 1 means you are "not at all familiar" and 5 means you are "very familiar" Rating: \_\_\_\_\_

**IF RATINGS BOTH EQUAL 1, SKIP To Qb2**

**IF RATING AT Q1a IS GREATER THAN AT Q1b, SKIP TO Q3.**

**IF RATING Q1a IS LESS THAN RATING AT Q1b, SKIP TO Q.4**

**IF RATINGS ARE EQUAL (BUT NOT EQUAL TO 1), CONTINUE:**

2a. I notice that you rated your familiarity of these two rivers equally. Which one are you most familiar with?

( ) \_\_\_\_\_ RIVER'.. **SKIP TO Q3.** ( ) \_\_\_\_\_ WATERWAY.. **SKIP TO Q.4.**

b. Which do you hear about Most? ( ) \_\_\_\_\_ RIVER ( ) \_\_\_\_\_ WATERWAYS SKIP TO

SECTION II:

3. When thinking about the \_\_\_\_\_ River, which *one* of the following segments are you most familiar with? **READ SEGMENTS TO RESPONDENT**

THE \_\_\_\_\_ RIVER BETWEEN \_\_\_\_\_ AND \_\_\_\_\_ .

THE \_\_\_\_\_ RIVER BETWEEN \_\_\_\_\_ AND \_\_\_\_\_ .

THE \_\_\_\_\_ RIVER BETWEEN \_\_\_\_\_ AND \_\_\_\_\_ .

SKIP To Q.5.

4. When thinking about the \_\_\_\_\_ Waterway, which one of the following segments are you most familiar with? **READ THE SEGMENTS TO RESPONDENT.**

THE \_\_\_\_\_ RIVER BETWEEN \_\_\_\_\_ AND \_\_\_\_\_ .

THE \_\_\_\_\_ RIVER BETWEEN \_\_\_\_\_ AND \_\_\_\_\_ .

THE \_\_\_\_\_ RIVER BETWEEN \_\_\_\_\_ AND \_\_\_\_\_ .

5. In a word or two, what do you think is the most important problem in that segment of the river? \_\_\_\_\_

SECTION II

**INTERVIEWER NOTE: THROUGHOUT THE REMAINDER OF THE QUESTIONNAIRE, SUBSTITUTE THE RIVER SEGMENT AND RIVER NAME RESPONDENT IS MOST FAMILIAR WITH, CORRESPONDING TO THE ANSWER CHOSEN IN EITHER Q2a -b, Q3 or Q4**

6. Using \_\_\_\_\_ segment of the \_\_\_\_\_ River as a reference, would you say that commercial and industrial activity in the past ten years has... **READ ALTERNATIVES:**

( ) INCREASED A LOT ( ) INCREASED A LITTLE ( ) STAYED ABOUT THE SAME

( ) DECREASED A LITTLE ( ) DECREASED A LOT

**NOT READ:** ( ) DON'T KNOW

7. How about recreational use of the \_\_\_\_\_ segment of the \_\_\_\_\_ River, would you say that recreational use over the past ten years has. . - **READ ALTERNATIVES:**

( ) INCREASED A LOT ( ) INCREASED A LITTLE ( ) STAYED ABOUT THE SAME

( ) DECREASED A LITTLE ( ) DECREASED A LOT

**DO NOT READ:** ( ) DON'T KNOW

8. When thinking about the environmental quality of that segment of the \_\_\_\_\_ River, would you say that, in the past ten years, it has.... **READ ALTERNATIVES:**  
 IMPROVED A LOT  IMPROVED A LITTLE  STAYED ABOUT THE SAME  
 BECOME A LITTLE WORSE  BECOME A LOT WORSE  
**DO NOT READ:**  DON'T KNOW

9a. When thinking specifically about the fish habitat in that segment of the \_\_\_\_\_ River, do you believe that, in the past ten years, there is...**READ ALTERNATIVES:**  
 MORE OF THE HABITAT.  LESS OF THE HABITAT, or  ABOUT THE SAME  
**DO NOT READ:**  DON'T KNOW

b. How about the quality of the fish habitat? **READ ALTERNATIVES:**  
 BETER QUALITY  WORSE QUALITY  ABOUT THE SAME  
**DO NOT READ:**  DON'T KNOW

10a. When thinking specifically about the wildlife habitat in that segment of the \_\_\_\_\_ Waterway, do you believe that, in the past ten years, there is. ..  
**READ ALTERNATIVES:**  
 MORE OF THE HABITAT,  LESS OF THE HABITAT, or  ABOUT THE SAME  
**DO NOT READ:**  DON'T KNOW

b. How about the quality of the wildlife habitat? **READ ALTERNATIVES:**  
 BETTER QUALITY.  WORSE QUALITY, or  ABOUT THE SAME  
**DO NOT READ:**  DON'T KNOW

11. Has pollution of the \_\_\_\_\_ River in that segment caused you to stop doing, or do less of, any of the things you used to do on the River? **READ ALTERNATIVES:**  
 NO  STOP DOING  DO LESS OF  
 NEVER DO ANYTHING ON THE RIVER **DO NOT READ:**  DON'T KNOW

12. Compared to ten years ago, would you say the \_\_\_\_\_ River in that segment is more polluted than it was, less polluted, or about the same?

MORE POLLUTED THAN IT WAS     LESS POLLUTED

ABOUT THE SAME    **DO NOT READ:**  DON'T KNOW

13. Do you think the present water quality of the \_\_\_\_\_ River in that segment makes it very safe for swimming, somewhat safe, somewhat unsafe, or very unsafe?

VERY SAFE     SOMEWHAT SAFE     SOMEWHAT UNSAFE     VERY UNSAFE

**DO NOT READ:**  DON'T KNOW

14. Do you think the present water quality of the \_\_\_\_\_ River in that segment makes it .

**READ ALTERNATIVES:**

SAFE TO EAT ALL TYPES OF FISH

SAFE TO EAT MOST TYPES OF FISH,

UNSAFE TO EAT MOST TYPES OF FISH,

UNSAFE TO EAT ALL TYPES OF FISH?

**DO NOT READ:**     DON'T KNOW

15. Do you think the present water quality of the \_\_\_\_\_ River in that segment is. . **.READ**

**ALTERNATIVES**

VERY HEALTHY     SOMEWHAT HEALTHY     SOMEWHAT UNHEALTHY.

VERY UNHEALTHY for fish and other aquatic life that live in the River?

**DO NOT READ:**  DON'T KNOW

SECTION III:

Now I want to shift our focus back to the \_\_\_\_\_ (RIVER) as a whole.

16. How important is the river to me personally?

Not at All Important	Slightly Important	Somewhat Important	Quite Important	Extremely Important
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17. How important is it to you to know that the river is there?

Not at All Important	Slightly Important	Somewhat Important	Quite Important	Extremely Important
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18. How important are the history and culture of the river to you?

Not at All Important	Slightly Important	Somewhat Important	Quite Important	Extremely Important
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19. How important are the fish, wildlife, and natural features of the river to you?

Not at All Important	Slightly Important	Somewhat Important	Quite Important	Extremely Important
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20. How important to you are the many types of recreation the river provides?

Not at All Important	Slightly Important	Somewhat Important	Quite Important	Extremely Important
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21. How inviting is the river to you?

Not at All Inviting	Slightly Inviting	Somewhat Inviting	Quite Inviting	Extremely Inviting
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22. How important are the river's ambience and aesthetics to you?

Not at All Important	Slightly Important	Somewhat Important	Quite Important	Extremely Important
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23. How important is it to take care of the river so that we are able to pass it along to future generations for their enjoyment?

Not at All Important	Slightly Important	Somewhat Important	Quite Important	Extremely Important
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24. How important to you is the river's value to commerce, industry, and agriculture?

Not at All Important	Slightly Important	Somewhat Important	Quite Important	Extremely Important
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25. How important to you is the economic value that the river provides the area communities?

Not at All Important	Slightly Important	Somewhat Important	Quite Important	Extremely Important
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Now I would like you to think about how the... (RIVER) is regulated.

**26a.** In thinking about the... (RIVER), at the present time, do you think laws and regulations related to the environment have **READ ALTERNATIVES:**

- ( ) GONE TOO FAR
- ( ) HAVE NOT GONE FAR ENOUGH
- ( ) HAVE STRUCK ABOUT THE RIGHT BALANCE?

**DO NOT READ:** ( ) DON'T KNOW

**b.** How about laws and regulations related to RECREATION on the... (RIVER)? Do you think they have . . .**READ ALTERNATIVES?**

- ( ) GONE TOO FAR
- ( ) HAVE NOT GONE FAR ENOUGH
- ( ) HAVE STRUCK ABOUT THE RIGHT BALANCE?

**DO NOT READ:** ( ) DON'T KNOW

**c.** Now for commerce on the. . (RIVER). Do you think laws end regulations have...

**READ ALTERNATIVES:**

- ( ) GONE TOO FAR?
- ( ) HAVE NOT GONE FAR ENOUGH?
- ( ) HAVE STRUCK ABOUT THE RIGHT BALANCE?

**DO NOT READ:** ( ) DON'T KNOW

**IF RESPONDENT IS UNCLEAR ON THE MEANING OF "COMMERCE," MENTION BARGES, INDUSTRY, AND MUNICIPALITIES.**

27. As you know, there are many problems which federal, state, and local governments must address. Compared to other social problems in your area, do you think the environmental quality of the . . . (RIVER) and its watersheds are... **READ ALTERNATIVES:**

- ONE OF THE MOST IMPORTANT PROBLEMS
- IMPORTANT, BUT NOT ONE OF THE MOST IMPORTANT PROBLEMS
- ONE OF THE LEAST IMPORTANT PROBLEMS
- NOT IMPORTANT AT ALL

**DO NOT READ:**  DON'T KNOW

28. How about when you compare the environmental quality of the... (RIVER) to economic problems in the area? How important is the environmental quality of the... (RIVER)?

**READ ALTERNATIVES:**

- ONE OF THE MOST IMPORTANT PROBLEMS
- IMPORTANT, BUT NOT ONE OF THE MOST IMPORTANT PROBLEMS
- ONE OF THE LEAST IMPORTANT PROBLEMS
- NOT IMPORTANT AT ALL

**DO NOT READ:**  DON'T KNOW

29. When you compare the environmental quality of the. . . (RIVER) to other environmental problems in your area, is it.. . **READ ALTERNATIVES:**

- ONE OF THE MOST IMPORTANT PROBLEMS
- IMPORTANT, BUT NOT ONE OF THE MOST IMPORTANT PROBLEMS
- ONE OF THE LEAST IMPORTANT PROBLEMS
- NOT IMPORTANT AT ALL

**DO NOT READ:**  DON'T KNOW



SECTION III:

30. The following sets of questions focus on your expectations regarding future River conditions. Please tell me your level of support for the following types of River efforts that could affect future River conditions. Use a five-point scale, from one up to five, with "1" indicating "no support" and "5" indicating 'very strong support.'

**ROTATE WHICH EFFORT ASKED FIRST AND "X" BELOW.**

<u>WHERE START</u>	<u>"X" HERE</u>
	<u>RATING</u>
( ) Efforts to develop new programs to improve water quality.	_____
( ) Initiatives to remove the locks and dams and return the river to its natural state.	_____
( ) Efforts to develop additional trails for hiking and walking.	_____
( ) Efforts to provide more flood protection for agriculture.	_____
( ) Efforts to provide more recreational access areas.	_____
( ) Efforts to limit recreational boating in environmentally sensitive areas.	_____
( ) Restoration of the River backwaters.	_____
( ) Initiatives to provide greater flood protection for urban areas.	_____
( ) Efforts to increase the size of congested locks so that they can handle more barge traffic.	_____
( ) More historic attractions along or near the river.	_____
( ) Efforts to make locks and dams more efficient for navigation?	_____
( ) Improving the quality of the water that flows into the river from its tributaries?	_____
( ) Efforts to reduce industrial pollution of the river.	_____
( ) Efforts to control non-point sources of pollution; for example agricultural or urban runoff.	_____
( ) Reduction of barge traffic on the river.	_____
( ) Efforts to restore the floodplain to its natural state.	_____
( ) An Increase in the number of wetland acres along the river.	_____
( ) A reduction in all building development in the floodplain.	_____
( ) An increase in the amount and quality of wildlife habitat.	_____

- ( ) An improved aquatic habitat. \_\_\_\_\_
- ( ) An increase in the number of islands and beaches along  
and within the river. \_\_\_\_\_
- ( ) Efforts that would increase the amount of floodplain forest. \_\_\_\_\_
- ( ) Efforts to enhance the aesthetic quality of the river. \_\_\_\_\_
- ( ) Efforts to create more hunting opportunities. \_\_\_\_\_
- ( ) Efforts to improve sport fishing. \_\_\_\_\_
- ( ) Efforts to create a safe river for boaters. \_\_\_\_\_

31a. Thinking about the efforts we have been talking about, or any other efforts you think are important, which do you feel is the most important effort? Which is next most important? Which is the next most important after that?

Most Important: \_\_\_\_\_

Next Most: \_\_\_\_\_

Next Most After That: \_\_\_\_\_

b. If you had \$100 to allocate among these efforts, how would you like to see it spent? You can allocate all of the money to one effort or divide it any way you like. How much would you like to allocate to... **(ASK FOR EACH from Q 22a.)?**

MONEY

Most Important: \$ \_\_\_\_\_

Next Most: \$ \_\_\_\_\_

Next Most After That: \$ \_\_\_\_\_

JUST FOR THE RECORD:

Now I have just a few more questions about you and your household.

1. What is the highest level of education you have completed? READ LIST:

- GRADE SCHOOL
- SOME HIGH SCHOOL
- HIGH SCHOOL GRADUATE
- TECHNICAL/VOCATIONAL
- SOME COLLEGE
- COLLEGE GRADUATE
- GRADUATE SCHOOL

**DO NOT READ:**  REFUSED

2. RECORD GENDER:  MALE  FEMALE

3. Which of the following age categories include your age? READ CATEGORIES;

- 18-24 YEARS  25-34 YEARS  35- 44 YEARS  45-54 YEARS
  - 55-64 YEARS  65 YEARS OR OLDER
- DO NOT READ:  REFUSED

4. How many people, including yourself, live in your household?

\_\_\_\_\_ NUMBER

5. Do you or does any member of your household belong to an environmental group?

- YES  NO

6a. Is any member of your household employed in a job related to the... (RIVER)?

- YES  NO

6b. Please tell me if you are presently...**READ LIST:**  EMPLOYED FULL-TIME

- EMPLOYED PART-TIME  UNEMPLOYED  STUDENT  HOMEMAKER
  - RETIRED
- DO NOT READ:**  REFUSED

6c. Are you the chief breadwinner in the household?  YES  NO

7. Please indicate which group represents your total pre-tax household income for last year? Please circle one box.

Less than \$10,000	\$50,000-\$74,999
\$10,000-\$14,999	\$75,000-\$99,999
\$15,000-\$24,999	\$100,000-\$149,999
\$25,000-\$34,999	\$150,000-\$199,999
\$35,000-\$49,999	\$200,000 or more

Now I have just one more question regarding your activities on the river.

8a. In the past year, have you visited the (... RIVER) for... **(READ FOR EACH ACTIVITY)?**

8b. **IF YES:** How many days?

8c. **Record Any Spontaneous Comments.**

Activity	Have Visited?	How Many Days?	Spontaneous Comments
Recreational Boating?	N Y	_____ Days	
Sightseeing?	N Y	_____ Days	
Hunting?	N Y	_____ Days	
Fishing?	N Y	_____ Days	
Wildlife Viewing?	N Y	_____ Days	
Swimming?	N Y	_____ Days	
Riverboat Gambling?	N Y	_____ Days	

These are all the questions that I have, and that concludes our interview.