NORTHWEST WATER-BASED RECREATION SURVEY <u>Telephone Survey Script</u>

Survey Key:

Type of Text	Example	Purpose
Normal	Hello, my name is	Text to be read aloud by interviewer
Italicized caps	INTERVIEWER NAME	Variable that the CATI system will replace with text to be read aloud by interviewer
Normal caps	ADULTS 18 OR OLDER	Question response option provided by CATI system
Normal caps within	[TRIPS TO SECOND	Guidance or instruction provided to interviewer
brackets	HOMES OR CABINS ARE CONSIDERED OVERNIGHT TRIPS]	by CATI system (not to be read aloud)
Normal caps preceded by "->"	-> SKIP TO A7	Guidance to CATI programmer (e.g., on navigation within survey instrument)
Underlined caps	LAST FISHING TRIP	Location marker within the survey instrument (to be used by CATI programmer).

INTRODUCTION

S0. Hello, my name is [INTERVIEWER NAME] and I'm calling on behalf of the U.S. Army Corps of Engineers. Someone in your household recently filled out a short survey we sent in the mail. Today I'm calling to ask some follow-up questions.

Participation in this survey is completely voluntary. However, your responses to this survey are important for evaluating the potential impacts from the Columbia River System EIS. The answers you provide for this survey will be combined with other people's responses to develop a water-based recreation model of the Columbia River Basin. A copy of the full Privacy Act Statement including applicable authorities and statutes was provided to you in the letter you recently received from the Corps of Engineers, another copy can be read to you at this time if you like. None of your personal information will be used beyond this survey.

S1. First of all, are you driving, operating machinery, or participating in another activity that requires your full attention?

- 1 YES -> [SCHEDULE CALLBACK TIME/DAY]
- 2 NO

S2. Great. Before we begin, could you please tell me how many adults age 18 or older currently live in your household?

_____ ADULTS 18 OR OLDER

S3. And how many children under 18 currently live in your household?

____ CHILDREN UNDER 18

-> RANDOMLY SELECT ONE ADULT TO COMPLETE THE INTERVIEW USING THE METHODOLOGY DESCRIBED IN RIZZO, BRICK, AND PARK (2004).¹ THIS INVOLVES THE FOLLOWING SELECTION PROCESS:

Number of Adults in Household	Selection Procedure
1	Select initial phone respondent
2	CATI selects the initial phone respondent with probability 0.5 and the other adult in the household with probability 0.5
>2	CATI selects the initial phone respondent with probability 1/N, where N is the number of adults in the household. If initial phone respondent not selected, then that person is asked to identify the adult in the household (other than the initial phone respondent) who celebrated the most recent birthday.

-> IF NEW ADULT, REPEAT SO AND S1 BEFORE PROCEEDING

¹ Rizzo, L., Brick, J.M., and I. Park. 2004. "A Minimally Intrusive Method for Sampling Persons in Random Digit Dial Surveys. *Public Opinion Quarterly* 68(2).

FISHING

My questions are about recreation trips that you might have taken in [*MONTH1* or *MONTH2*] of this year to rivers, lakes, or reservoirs in the Northwest. When I say "the Northwest," I'm talking about the states of Washington, Oregon, Montana, and Idaho.

I'm going to be asking you about what I'll refer to as "day trips" and "overnight trips." By "day trips" I mean trips where you left home and returned home in the same day. By "overnight trips" I mean trips where you stayed at least one night away from home. [TRIPS TO SECOND HOMES OR CABINS ARE CONSIDERED OVERNIGHT TRIPS]

A1. I'll start out by asking you about fishing. Did you personally go fishing in any rivers, lakes, or reservoirs in the Northwest in *MONTH1* or *MONTH2* this year?

1 YES 2 NO -> SKIP TO B1

A2. Can you tell me which locations? [USE SITE LIST AND MAP TO IDENTIFY AND RECORD NAMES. IF RESPONDENT MENTIONS A RIVER, ASK FOR THE NEAREST TOWN OR LANDMARK TO THE SITE HE/SHE VISITED. IF RESPONDENT MENTIONS VISITING MORE THAN ONE LOCATION DURING ANY OF THE TRIPS, ASK HIM/HER TO TELL YOU ABOUT THE MAIN DESTINATION FOR EACH TRIP.]

[-> IF > 1 SITE:] Now I'd like to ask you about your trips to each of these sites. Let's start with [FIRST SITE].

-> REPEAT THE FOLLOWING FOR EACH SITE MENTIONED:

A3. Did you personally take any <u>day trips</u> for fishing to SITE in MONTH1 or MONTH2 this year?

1 YES

2 NO -> SKIP TO A7

A4. How many? [FOR ALL TRIPS QUESTIONS: IF RESPONDENT PROVIDES A RANGE, RECORD THE RANGE VERBATIM. IF RESPONDENT UNCERTAIN, SAY "WOULD YOU SAY IT WAS 1 OR 2 TRIPS, 3 OR 4 TRIPS, 5 TO 10 TRIPS, 10 TO 15 TRIPS, 15 TO 20 TRIPS..." AND RECORD RANGE]

FISHING DAY TRIPS TO SITE

-> IF ONLY ONE TRIP, SKIP TO A6

A5. On how many of these [TRIPS] day trips did you fish from a boat?

BOAT FISHING DAY TRIPS TO SITE

-> SKIP TO A7

A6. Did you fish from a boat on this trip?

1 YES 2 NO

A7. Did you personally take any overnight fishing trips to *SITE* in *MONTH1* or *MONTH2* this year?

- 1 YES
- 2 NO -> SKIP TO LAST FISHING TRIP
- A8. How many?

OVERNIGHT FISHING TRIPS TO SITE

-> IF ONLY ONE OVERNIGHT TRIP, SKIP TO A10

A9. On how many of these overnight trips did you fish from a boat?

OVERNIGHT BOAT FISHING TRIPS TO SITE

-> SKIP TO A11

A10. Did you fish from a boat on this trip?

1 YES 2 NO

LAST FISHING TRIP

[-> IF > 1 TRIP REPORTED:] I have a few questions about the <u>last</u> fishing trip that you took to *SITE* in *MONTH1* or *MONTH2*.

-> IF ONLY DAY TRIPS TO SITE REPORTED, SKIP TO A15

-> IF ONLY OVERNIGHT TRIPS TO *SITE* REPORTED, SKIP TO A12

A11. Did you stay overnight away from home on your last fishing trip to SITE?

- 1 NO-> SKIP TO A15
- 2 YES

A12. How many total nights did you spend away from home on this trip?

NIGHTS

A13. On how many days did you go fishing during this trip?

DAYS

A14. Was recreation the primary purpose of this trip?

- 1 YES
- 2 NO

A15. [-> IF ALL TRIPS TO *SITE* WERE BOAT FISHING TRIPS, SKIP TO A16. IF ALL TRIPS TO *SITE* WERE SHORE FISHING TRIPS, SKIP TO A17]. Did you fish from a boat on this trip?

1 YES 2 NO-> SKIP TO A17

A16. Was the boat trailered to the site on this trip? [IF BOAT STORED AT MARINA OR IN PRIVATE SLIP, SELECT "NO"]

1 YES 2 NO

A17. How many adults 18 or older, including yourself, were in your vehicle when you traveled to the site for this trip?

____ ADULTS (18+)

A18. How many children under 18 were in your vehicle?

_____ CHILDREN (UNDER 18)

A19. Approximately how many hours did you personally spend fishing on this trip? [FOR MULTIPLE DAY TRIPS, ASK FOR TOTAL HOURS ACROSS ALL DAYS].

____ HOURS

A20. What type of fish were you trying to catch during this trip? [RECORD ALL SPECIES MENTIONED]

ANYTHING
SMALLMOUTH OR LARGEMOUTH BASS
CATFISH
WALLEYE
STURGEON
CRAPPIE
SQUAWFISH
BLUEGILL

 CUTTHROAT TROUT
 BROWN TROUT
 RAINBOW TROUT
 PERCH
 KOKANEE (SILVERS)
 STEELHEAD
 CHINOOK SALMON
 COHO SALMON
 OTHER (SPECIFY)

A21. How many fish did you <u>personally</u> catch during this trip? Please tell me the number of fish that you caught by species. [RECORD NUMBER OF FISH CAUGHT BY SPECIES. AFTER EACH FISH MENTIONED, ASK "DID YOU CATCH ANYTHING ELSE"]

 SMALLMOUTH OR LARGEMOUTH BASS
 CATFISH
 WALLEYE
 STURGEON
 CRAPPIE
 SQUAWFISH
 BLUEGILL
 CUTTHROAT TROUT
 BROWN TROUT
 RAINBOW TROUT
 PERCH
 KOKANEE (SILVERS)
STEELHEAD
CHINOOK SALMON
 COHO SALMON
 OTHER (SPECIFY)
 • •

A22. [-> IF CAUGHT AT LEAST ONE FISH:] How many fish did you keep during this trip? Please tell me the number of fish that you kept by species. [RECORD NUMBER OF FISH KEPT BY SPECIES]

 SMALLMOUTH OR LARGEMOUTH BASS
 CATFISH
 WALLEYE
 STURGEON
 CRAPPIE
 SQUAWFISH
 BLUEGILL
 CUTTHROAT TROUT
 BROWN TROUT
 RAINBOW TROUT
 PERCH

 KOKANEE (SILVERS)
 STEELHEAD
 CHINOOK SALMON
COHO SALMON
 OTHER (SPECIFY)

[-> IF > 1 SITE AND THERE ARE MORE SITES:] Ok, now I'm going to ask you about trips to [*NEXT SITE*]. -> RETURN TO QUESTION A3 AND ASK ABOUT THE NEXT SITE MENTIONED BY THE RESPONDENT. CONTINUE UNTIL ALL SITES HAVE BEEN COVERED.

A23. Now I'd like to ask you a few questions about the features that are important to you when you choose a location for river, lake, or reservoir fishing in the Northwest. When I read the following features, please rate their importance to you on a scale from 1 to 5, where 1 is least important and 5 is most important.

 THE FISHING SITE IS CLOSE TO HOME
 THERE IS A RAMP AVAILABLE FOR LAUNCHING A BOAT
 THERE ARE DEVELOPED CAMPING SITES AVAILABLE
 THERE ARE SITES AVAILABLE FOR PICNICKING AND GRILLING
 THERE IS PLENTY OF ACCESS FOR SHORE FISHING
 THERE IS PLENTY OF PARKING
 THE SITE IS NOT CROWDED
 THE SITE DOESN'T HAVE ANY TRASH
 THERE ARE PLENTY OF MIGRATORY FISH LIKE SALMON AND STEELHEAD
 THERE ARE PLENTY OF RESIDENT FISH LIKE BASS, WALLEYE, STURGEON,
CATFISH, KOKANEE, OR TROUT

- A24. In general, do you prefer to fish in a lake or reservoir, or in a free-flowing river? [SELECT ONE] LAKE OR RESERVOIR
 - _____
- FREE-FLOWING RIVER

BOATING

B1. Now I'd like to ask you about boating trips. By "boating trips," I mean trips that you took on a Jet Ski, motor boat, or sailboat <u>where you didn't do any fishing</u>. Did you take any boating trips on any rivers, lakes, or reservoirs in the Northwest in *MONTH1* or *MONTH2* this year?

1 YES

2 NO -> SKIP TO C1

B2. Can you tell me which locations? [USE SITE LIST AND MAP TO IDENTIFY AND RECORD NAMES. IF RESPONDENT MENTIONS A RIVER, ASK FOR THE NEAREST TOWN OR LANDMARK TO THE SITE HE/SHE VISITED. EACH RIVER SECTION WHERE BOATING OCCURRED IS A SEPARATE SITE. IF RESPONDENT MENTIONS VISITING MORE THAN ONE LOCATION DURING ANY OF THE TRIPS, ASK HIM/HER TO TELL YOU ABOUT THE MAIN DESTINATION FOR EACH TRIP.]

[-> IF > 1 SITE:] Now I'd like to ask you about your trips to each of these sites. Let's start with [FIRST SITE].

-> REPEAT THE FOLLOWING FOR EACH SITE MENTIONED:

B3. Did you personally take any boating day trips to SITE in MONTH1 or MONTH2 this year?

1 YES 2 NO -> SKIP TO B5

B4. How many?

BOATING DAY TRIPS TO SITE

B5. Did you personally take any overnight boating trips to *SITE* in *MONTH1* or *MONTH2* this year?

YES
NO -> SKIP TO LAST BOATING TRIP

B6. How many?

OVERNIGHT BOATING TRIPS TO SITE

LAST BOATING TRIP

[-> IF > 1 TRIP REPORTED:] I have a few questions about the <u>last</u> boating trip that you took to *SITE* in *MONTH1* or *MONTH2*

-> IF ONLY DAY TRIPS TO SITE REPORTED, SKIP TO B11 -> IF ONLY OVERNIGHT TRIPS TO SITE REPORTED, SKIP TO B8

B7. Did you stay overnight away from home on your last boating trip to SITE?

1 NO -> SKIP TO B11 2 YES

B8. How many total nights did you spend away from home on this trip?

____ NIGHTS

B9. On how many days did you personally go boating during this trip?

_ DAYS

B10. Was recreation the primary purpose of this trip?

1 YES 2 NO

B11. Was the boat trailered to the site on this trip? [IF BOAT STORED AT MARINA OR IN PRIVATE SLIP, SELECT "NO"]

1 YES 2 NO

B12. How many adults 18 or older, including yourself, were in your vehicle when you traveled to the site for this trip?

____ ADULTS (18+)

B13. How many children under 18 were in your vehicle?

CHILDREN (UNDER 18)

[-> IF > 1 SITE AND THERE ARE MORE SITES:] Ok, now I'm going to ask you about trips to [*NEXT SITE*]. -> RETURN TO QUESTION B3 AND ASK ABOUT THE NEXT SITE MENTIONED BY THE RESPONDENT. CONTINUE UNTIL ALL SITES HAVE BEEN COVERED.

B14. Now I'd like to ask you a few questions about the features that are important to you when you choose a location for river, lake, or reservoir boating in the Northwest. When I read the following

features, please rate their importance to you on a scale from 1 to 5, where 1 is least important and 5 is most important.

THE BOATING SITE IS CLOSE TO HOME _____ THERE IS A RAMP AVAILABLE FOR LAUNCHING A BOAT THERE IS A MARINA AVAILABLE WITH BOAT SLIPS AND GAS _____ THERE ARE DEVELOPED CAMPING SITES AVAILABLE THERE ARE BEACH AREAS AVAILABLE FOR SWIMMING _____ THERE ARE SITES AVAILABLE FOR PICNICKING AND GRILLING THERE IS PLENTY OF PARKING _____ THE SITE IS NOT CROWDED _____ THE SITE DOESN'T HAVE ANY TRASH THE SITE IS LARGE ENOUGH FOR WATERSKIING OR TUBING _____ THE SITE DOES NOT HAVE MANY NAVIGATION HAZARDS _____

B15. In general, do you prefer to go boating in a lake or reservoir, or in a free-flowing river? [SELECT ONE]

_____ LAKE OR RESERVOIR

_____ FREE-FLOWING RIVER

PADDLING AND RAFTING

C1. Now I'd like to ask you about paddling or rafting trips. By "paddling or rafting trips," I mean trips in a kayak, canoe, raft, or other small boat without a motor <u>where you didn't do any fishing</u>. Did you go paddling or rafting on rivers, lakes, or reservoirs in the Northwest in *MONTH1* or *MONTH2* this year?

- 1 YES
- 2 NO -> SKIP TO D1

C2. Can you tell me which locations? [USE SITE LIST AND MAP TO IDENTIFY AND RECORD NAMES. IF RESPONDENT MENTIONS A RIVER, ASK FOR THE NEAREST TOWN OR LANDMARK TO THE SITE HE/SHE VISITED. EACH RIVER SECTION IS A SEPARATE SITE. IF RESPONDENT MENTIONS VISITING MORE THAN ONE LOCATION DURING ANY OF THE TRIPS, ASK HIM/HER TO TELL YOU ABOUT THE <u>MAIN</u> DESTINATION FOR EACH TRIP.]

[-> IF > 1 SITE:] Now I'd like to ask you about your trips to each of these sites. Let's start with [FIRST SITE].

-> REPEAT THE FOLLOWING FOR EACH SITE MENTIONED:

C3. Did you personally take any paddling or rafting day trips to *SITE* in *MONTH1* or *MONTH2* this year?

1 YES 2 NO -> SKIP TO C5

C4. How many?

PADDLING OR RAFTING DAY TRIPS TO SITE

C5. Did you personally take any overnight paddling or rafting trips to *SITE* in *MONTH1* or *MONTH2* this year?

- 1 YES
- 2 NO -> SKIP TO LAST PADDLING OR RAFTING TRIP

C6. How many?

OVERNIGHT PADDLING OR RAFTING TRIPS TO SITE

LAST PADDLING OR RAFTING TRIP

[-> IF > 1 TRIP REPORTED:] I have a few questions about the <u>last</u> paddling or rafting trip that you took to *SITE* in *MONTH1* or *MONTH2*

-> IF ONLY DAY TRIPS TO SITE REPORTED, SKIP TO C11 -> IF ONLY OVERNIGHT TRIPS TO SITE REPORTED, SKIP TO C8

C7. Did you stay overnight away from home on your last paddling or rafting trip to SITE?

1 NO -> SKIP TO C11

2 YES

C8. How many total nights did you spend away from home on this trip?

____ NIGHTS

C9. On how many days were you personally paddling or rafting during this trip?

____ DAYS

C10. Was recreation the primary purpose of this trip?

1 YES 2 NO

C11. What type of boat were you using during this trip?

KAYAK
CANOE
RAFT
TUBE
OTHER

C12. How many adults 18 or older, including yourself, were in your vehicle when you traveled to *SITE* for this trip?

ADULTS (18+)

C13. How many children under 18 were in your vehicle?

CHILDREN (UNDER 18)

[-> IF > 1 SITE AND THERE ARE MORE SITES:] Ok, now I'm going to ask you about trips to [*NEXT SITE*]. -> RETURN TO QUESTION C3 AND ASK ABOUT THE NEXT SITE MENTIONED BY THE RESPONDENT. CONTINUE UNTIL ALL SITES HAVE BEEN COVERED. C14. Now I'd like to ask you a few questions about the features that are important to you when you choose a location for river, lake, or reservoir paddling or rafting in the Northwest. When I read the following features, please rate their importance to you on a scale from 1 to 5, where 1 is least important and 5 is most important.

 THE PADDLING OR RAFTING SITE IS CLOSE TO HOME
 THERE IS A RAMP AVAILABLE FOR LAUNCHING A SMALL BOAT
 THERE ARE DEVELOPED CAMPING SITES AVAILABLE
 THERE ARE BEACH AREAS AVAILABLE FOR SWIMMING
 THE SITE IS NOT CROWDED
 THERE IS PLENTY OF PARKING
THE SITE DOESN'T HAVE ANY TRASH
THERE ARE NO MOTOR BOATS AT THE SITE
 YOU CAN PADDLE OR RAFT FOR MANY MILES AT THE SITE
 THE SITE HAS RAPIDS OR OTHER FEATURES

C15. [-> IF C11 = "CANOE" OR "KAYAK"] In general, do you prefer to go paddling in a lake or reservoir, or in a free-flowing river? [SELECT ONE]

- LAKE OR RESERVOIR FREE-FLOWING RIVER
- _____

SWIMMING

D1. Now I'd like to ask you about any swimming that you might have done in rivers, lakes, and reservoirs, <u>other than</u> swimming that you did during the trips you've already told me about. By "swimming" I mean wading, floating, diving, jumping, or swimming in the water. Did you go swimming in rivers, lakes, or reservoirs in the Northwest in *MONTH1* or *MONTH2* this year?

- 1 YES
- 2 NO -> SKIP TO E1

D2. Can you tell me which locations? [USE SITE LIST AND MAP TO IDENTIFY AND RECORD NAMES. IF RESPONDENT MENTIONS A RIVER, ASK FOR THE NEAREST TOWN OR LANDMARK TO THE SITE HE/SHE VISITED. EACH RIVER SECTION IS A SEPARATE SITE. IF RESPONDENT MENTIONS VISITING MORE THAN ONE LOCATION DURING ANY OF THE TRIPS, ASK HIM/HER TO TELL YOU ABOUT THE <u>MAIN</u> DESTINATION FOR EACH TRIP.]

[-> IF > 1 SITE:] Now I'd like to ask you about your trips to each of these sites. Let's start with [FIRST SITE].

-> REPEAT THE FOLLOWING FOR EACH SITE MENTIONED:

D3. Did you personally take any day trips for swimming to *SITE* in *MONTH1* or *MONTH2* this year?

1 YES 2 NO -> SKIP TO D5

D4. How many?

_____ SWIMMING DAY TRIPS TO SITE

D5. Did you personally take any overnight trips for swimming to SITE in MONTH1 or MONTH2 this year?

YES
NO -> <u>SKIP TO LAST SWIMMING TRIP</u>

D6. How many?

OVERNIGHT SWIMMING TRIPS TO SITE

LAST SWIMMING TRIP

[-> IF > 1 TRIP REPORTED:] I have a few questions about the <u>last</u> swimming trip that you took to *SITE* in *MONTH1* or *MONTH2*

-> IF ONLY DAY TRIPS TO *SITE* REPORTED, SKIP TO D11 -> IF ONLY OVERNIGHT TRIPS TO *SITE* REPORTED, SKIP TO D8

D7. Did you stay overnight away from home on your last swimming trip to SITE?

1 NO -> SKIP TO D11

2 YES

D8. How many total nights did you spend away from home on this trip?

_____ NIGHTS

D9. On how many days did you personally go swimming during this trip?

_____ DAYS

D10. Was recreation the primary purpose of this trip?

1 YES 2 NO

D11. How many adults 18 or older, including yourself, were in your vehicle when you traveled to *SITE* for this trip?

ADULTS (18+)

D12. How many children under 18 were in your vehicle?

CHILDREN (UNDER 18)

[-> IF > 1 SITE AND THERE ARE MORE SITES:] Ok, now I'm going to ask you about trips to [NEXT SITE]. -> RETURN TO QUESTION D3 AND ASK ABOUT THE NEXT SITE MENTIONED BY THE RESPONDENT. CONTINUE UNTIL ALL SITES HAVE BEEN COVERED. D13. Now I'd like to ask you a few questions about the features that are important to you when you choose a river, lake, or reservoir for swimming in the Northwest. When I read the following features, please rate their importance to you on a scale from 1 to 5, where 1 is least important and 5 is most important.

 THE SITE IS CLOSE TO HOME
 THERE ARE DEVELOPED CAMPING SITES AVAILABLE
 THE SITE IS NOT CROWDED
 THERE ARE SITES AVAILABLE FOR PICNICKING AND GRILLING
 SWIMMING AT THE SITE IS SAFE FOR YOUNG CHILDREN
 THERE IS PLENTY OF PARKING
THE WATER IS CLEAN
 THE SITE PROVIDES OPPORTUNITIES FOR JUMPING OR DIVING INTO THE WATER
 THE SITE HAS A SANDY BEACH AREA
 THERE ARE LIFEGUARDS AT THE SITE

D14. In general, do you prefer to go swimming in a lake or reservoir, or in a free-flowing river? [SELECT ONE]

- LAKE OR RESERVOIR FREE-FLOWING RIVER

DEMOGRAPHICS

E1. I just have a few more brief questions for statistical purposes. What is your age? [READ THE FOLLOWING CATEGORIES]

- 1 18 to 29
- 2 30 to 39
- 3 40 to 49
- 4 50 to 59
- 5 60 to 69
- 6 70 to 79
- 7 80 or over
- 99 REFUSE

E2. What is the highest level of education you have completed? [READ THE FOLLOWING CATEGORIES]

- 1 LESS THAN HIGH SCHOOL
- 2 HIGH SCHOOL GRADUATE OR GED
- 4 VOCATIONAL OR TECHNICAL SCHOOL CERTIFICATE
- 5 SOME COLLEGE
- 6 ASSOCIATE'S DEGREE (two year college degree)
- 7 BACHELOR'S DEGREE (four year college degree)
- 8 GRADUATE DEGREE OR PROFESSIONAL DEGREE (MA, MS, PhD, JD, MBA, etc.)
- 99 REFUSE

E3. What was your <u>total</u> household income in 2018 before taxes? Please include all wages, salaries, interest, and other income? [READ THE FOLLOWING CATEGORIES]

- 1 Less than \$24,999
- 2 \$25,000 to \$34,999
- 3 \$35,000 to \$49,999
- 4 \$50,000 to \$74,999
- 5 \$75,000 to \$99,999
- 6 \$100,000 to \$149,999
- 7 \$150,000 to \$199,999
- 8 \$200,000 or more
- 99 REFUSE

E4. What is your gender?

- 1 MALE
- 2 FEMALE
- 99 REFUSE

Thank you for taking the time to participate in our survey.