ID number:  
Visit number:  

Date: _____ / _____ / _____  Time: ____ : ____  a.m. / p.m. (circle one)  

Interviewer name: ______________________________________  
Location: _____________________________________________  

General information (first questionnaire only)  

A. How did you find out about this study?  (check all that apply)  
   □ Personal contact with study staff  
   □ Friend  
   □ Fishing event or similar venue  
   □ Newspaper article  
   □ Our study webpage  
   □ Other website: _________________________  
   □ Other: ________________________  

B. Gender:  
   □ male  
   □ female  

C. Date of birth: _____ / _____ / _____  

D. How would you describe your race or ethnicity?  
   □ American Indian  
   □ African American  
   □ Asian or Pacific Islander  
   □ Hispanic or Latino  
   □ White/Caucasian  
   □ Other: _________________________
General questions

1. What is your home zip code? ___ ___ ___ ___ ___

2. How tall are you? _____ feet _____ inches

3. How much do you weigh? _____ pounds

4. For women, are you pregnant?
   - □ yes
   - □ no
   - □ don’t know

5. What is the last grade or year that you completed in school?
   - □ Less than high school
   - □ Graduated high school
   - □ Some college
   - □ Graduated college
   - □ Post-graduate
   - □ Other:_______________________

6. Are you still in school? □ yes □ no
Fishing habits

7. Have you gone fishing in or around Grand Lake in the last 3 months?

☐ yes

☐ no If NO, skip to Question 12

8. How many times did you go fishing in the last 3 months? Times: _____

9. Where did you go fishing? Refer to the areas on the map. (Check all that apply)

For Elk River, Honey Creek and Horse Creek: Indicate whether you fished in the river/creek (upstream) portion and/or the lake (downstream) portion.

☐ Upper Grand Lake (UL)

☐ Mid Grand Lake (ML)

☐ Lower Grand Lake (LL)

☐ Dam Area (DA)

☐ Spring River (SR)

☐ Neosho River (NR)

☐ Elk River (ER)

   River/creek portion? ☐ yes ☐ no ☐ don’t know

   Lake portion? ☐ yes ☐ no ☐ don’t know

☐ Honey Creek (HNC)

   River/creek portion? ☐ yes ☐ no ☐ don’t know

   Lake portion? ☐ yes ☐ no ☐ don’t know

☐ Horse Creek (HSC)

   River/creek portion? ☐ yes ☐ no ☐ don’t know

   Lake portion? ☐ yes ☐ no ☐ don’t know

Other locations:

________________________________       ________________________________

________________________________       ________________________________

________________________________       ________________________________

________________________________       ________________________________

________________________________       ________________________________

________________________________       ________________________________
10. Did you share any of the fish that you caught with anyone else?

☐ yes
☐ no If NO, skip to question 11

If yes, with whom? (Check all that apply)

☐ Adults in my household
☐ Children in my household
☐ Friends or family not in my household

11. Did you generally eat the fish that you caught right away or freeze some to eat later?

☐ Eat all right away
☐ Eat most right away and freeze some
☐ Eat some right away and freeze most
☐ Freeze all for later

12. Has anyone else in your household gone fishing in or around Grand Lake in the last 3 months?

☐ yes
☐ no If NO, skip to Question 13

If yes, approximately how many times? _____ times ☐ don’t know

If yes, did you eat some of the fish they caught? ☐ yes ☐ no

13. In the last 3 months, did you eat fish given to you by someone outside of your household?

☐ yes ☐ no ☐ don’t know

If yes, list where the fish were caught (if you know):

____________________________________
____________________________________
____________________________________
Fish consumption patterns

14. In general, over the past 3 months, which of these best describes how often you ate fish or shellfish (caught locally or from a store, restaurant, fish fry, etc.)?

- Once a day or more
- 4 to 6 times a week
- 2 to 3 times a week
- Once a week
- 2 or 3 times a month
- Once a month
- Once in last 3 months
- Never in last 3 months

15. In general, over the past 3 months, how much of the fish and shellfish that you ate was caught locally (either by you or by someone else)?

Draw an “X” on this ruler to show the percent (%) that was locally caught, with 0% (left side) corresponding to no local fish, and 100% (right side) corresponding to all local fish.

16. In the spaces provided, write in the number of fish portions of each size that you eat at a typical meal.

Refer to the fish portion model to see examples of these sample sizes.

_____ (a) 2 ounces _____ (b) 4 ounces _____ (c) 6 ounces _____ (d) 8 ounces
17. The directions below will help you fill out the tables on Pages 6 to 9. Before you fill out the table, read the instructions below, THEN LOOK OVER ALL OF THE TABLES TO SEE HOW THEY ARE ORGANIZED, then reread the instructions again before filling out your answers.

On Pages 6 through 9, we want to know about your typical eating habits over the past 3 months. In this question, we will be asking about types of fish that are commonly caught in the Grand Lake watershed.

We mostly want to know about the types of fish that you’ve eaten, but will also ask you about several types of shellfish and other freshwater animals. For simplicity, we will just refer to all of these as “fish.”

Use these directions to help you fill out the table.

(a). For each type of fish, pick the category that best represents how frequently you ate that type of fish, on average, over the past 3 months.

(b). For fish that were caught in and around Grand Lake, indicate all the locations where they were caught. Consult the map provided.

For each type of fish, use the space provided to write down the percent of fish that came from a restaurant, store, fish fry or other venue. If you didn’t get that type of fish at any of these types of locations, leave the space blank.

If you ate fish but didn’t know what kind it was, include that in the “unknown” category on page 9

(c). For each type of fish, indicate all the ways that it was prepared.

(d). For each type of fish, indicate which parts you ate.

Refer to the laminated guide with pictures of each type of fish.

If you ate any types of fish caught from the Grand Lake watershed that are not listed in the chart on Pages 6 through 9, you can add them on page 9. We have extra blank pages if you need more space.
(a). How often did you eat this type of fish over the past 3 months?

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Largemouth bass</th>
<th>Smallmouth bass</th>
<th>White bass</th>
<th>Spotted bass</th>
<th>Striped bass</th>
<th>Crappie</th>
</tr>
</thead>
<tbody>
<tr>
<td>Once a day or more</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 to 6 times/week</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 or 3 times/week</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Once a week</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 or 3 times/month</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Once a month</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Once in last 3 mo.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Never in last 3 mo.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(b). Where did this fish come from? (check all that apply)

<table>
<thead>
<tr>
<th>Location</th>
<th>Largemouth bass</th>
<th>Smallmouth bass</th>
<th>White bass</th>
<th>Spotted bass</th>
<th>Striped bass</th>
<th>Crappie</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grand Lake – Upper (UL)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grand Lake – Mid (ML)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grand Lake – Lower (LL)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dam Area (DA)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring River (SR)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neosho River (NR)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elk River (ER)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Honey Creek (HNC)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Horse Creek (HSC)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other locations</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Restaurant, store or fish fry</td>
<td>___%</td>
<td>___%</td>
<td>___%</td>
<td>___%</td>
<td>___%</td>
<td>___%</td>
</tr>
<tr>
<td>(specify what percent came from a restaurant, store, fish fry or other event, if any)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(c). How were these fish prepared? (check all that apply)

<table>
<thead>
<tr>
<th>Preparation</th>
<th>Largemouth bass</th>
<th>Smallmouth bass</th>
<th>White bass</th>
<th>Spotted bass</th>
<th>Striped bass</th>
<th>Crappie</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fried</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grilled / On a spit</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Broiled</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Steamed</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boiled whole</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Soup / Stew</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pressure Cooker</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uncooked</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(d). Which parts of the fish did you eat? (check all that apply)

<table>
<thead>
<tr>
<th>Part</th>
<th>Largemouth bass</th>
<th>Smallmouth bass</th>
<th>White bass</th>
<th>Spotted bass</th>
<th>Striped bass</th>
<th>Crappie</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whole fish</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fillet</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eggs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Head, cheeks</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Drum</td>
<td>Perch</td>
<td>Carp</td>
<td>Sucker</td>
<td>Gar</td>
<td>Spoonbill</td>
</tr>
<tr>
<td>----------------</td>
<td>------</td>
<td>-------</td>
<td>------</td>
<td>--------</td>
<td>-----</td>
<td>-----------</td>
</tr>
</tbody>
</table>

(a). How often did you eat this type of fish over the past 3 months?

- Once a day or more
- 4 to 6 times/week
- 2 or 3 times/week
- Once a week
- 2 or 3 times/month
- Once a month
- Once in last 3 mo.
- Never in last 3 mo.

(b). Where did this fish come from? (check all that apply)

- Grand Lake – Upper (UL)
- Grand Lake – Mid (ML)
- Grand Lake – Lower (LL)
- Dam Area (DA)
- Spring River (SR)
- Neosho River (NR)
- Elk River (ER)
- Honey Creek (HNC)
- Horse Creek (HSC)
- Other locations

Restaurant, store or fish fry
(specify what percent came from a restaurant, store, fish fry or other event, if any)  ____%  ____%  ____%  ____%  ____%  ____%  ____%

(c). How were these fish prepared? (check all that apply)

- Fried
- Grilled / On a spit
- Broiled
- Steamed
- Boiled whole
- Soup / Stew
- Pressure Cooker
- Uncooked
- Other

(d). Which parts of the fish did you eat? (check all that apply)

- Whole fish
- Fillet
- Eggs
- Head, cheeks
- Other

\[Question 17 \text{ continued} \rightarrow\]
(a). How often did you eat this type of fish over the past 3 months?

- Once a day or more
- 4 to 6 times/week
- 2 or 3 times/week
- Once a week
- 2 or 3 times/month
- Once a month
- Once in last 3 mo.
- Never in last 3 mo.

(b). Where did this fish come from? *(check all that apply)*

- Grand Lake – Upper (UL)
- Grand Lake – Mid (ML)
- Grand Lake – Lower (LL)
- Dam Area (DA)
- Spring River (SR)
- Neosho River (NR)
- Elk River (ER)
- Honey Creek (HNC)
- Horse Creek (HSC)
- Other locations

Restaurant, store or fish fry (specify what percent came from a restaurant, store, fish fry or other event, if any)  

<table>
<thead>
<tr>
<th>Buffalo</th>
<th>Flathead Catfish</th>
<th>Channel Catfish</th>
<th>Blue Catfish</th>
<th>Trout</th>
<th>Crawdads</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(c). How were these fish prepared? *(check all that apply)*

- Fried
- Grilled / On a spit
- Broiled
- Steamed
- Boiled whole
- Soup / Stew
- Pressure Cooker
- Uncooked
- Other

(d). Which parts of the fish did you eat? *(check all that apply)*

- Whole fish
- Fillet
- Eggs
- Head, cheeks
- Other
<table>
<thead>
<tr>
<th>Mussels</th>
<th>Turtles Soft shell, snapping</th>
<th>Frogs</th>
<th>UN-KNOWN</th>
<th>OTHER (write in)</th>
</tr>
</thead>
</table>

(a). How often did you eat this type of fish over the past 3 months?

- Once a day or more
- 4 to 6 times/week
- 2 or 3 times/week
- Once a week
- 2 or 3 times/month
- Once a month
- Once in last 3 mo.
- Never in last 3 mo.

(b). Where did this fish come from? *(check all that apply)*

- Grand Lake – Upper (UL)
- Grand Lake – Mid (ML)
- Grand Lake – Lower (LL)
- Dam Area (DA)
- Spring River (SR)
- Neosho River (NR)
- Elk River (ER)
- Honey Creek (HNC)
- Horse Creek (HSC)
- Other locations

Restaurants, stores or fish fry
(specify what percent came from a restaurant, store, fish fry or other event, if any)

___%  ___%  ___%  ___%  ___%  ___%

(c). How were these fish prepared? *(check all that apply)*

- Fried
- Grilled / On a spit
- Broiled
- Steamed
- Boiled whole
- Soup / Stew
- Pressure Cooker
- Uncooked
- Other

(d). Which parts of the fish did you eat? *(check all that apply)*

- Whole fish
- Fillet
- Eggs
- Head, cheeks
- Other
18. In this question, we are asking you about fish that are NOT commonly caught in the Grand Lake watershed. In general, over the last 3 months, how frequently have you eaten the following types of fish? For any types of fish not listed, add them in the empty spaces at the bottom.

Don’t double-count fish. For example, if you ate sushi with tuna, include that in the tuna category only. If you ate sushi but don’t know the type of fish, include that in the sushi category.

<table>
<thead>
<tr>
<th></th>
<th>Albacore tuna</th>
<th>Light tuna</th>
<th>Fresh/ frozen tuna</th>
<th>Swordfish</th>
<th>Fish sticks or nuggets</th>
<th>Salmon (canned or fresh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>How often did you eat this type of fish over the past 3 months?</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Once a day or more</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 to 6 times/week</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 or 3 times/week</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Once a week</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 or 3 times/month</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Once a month</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Once in last 3 mo.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Never in last 3 mo.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Sushi with fish</th>
<th>King mackerel</th>
<th>Mackeral (other)</th>
<th>Shrimp</th>
<th>Tilapia</th>
<th>Sardines</th>
</tr>
</thead>
<tbody>
<tr>
<td>How often did you eat this type of fish over the past 3 months?</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Once a day or more</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 to 6 times/week</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 or 3 times/week</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Once a week</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 or 3 times/month</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Once a month</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Once in last 3 mo.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Never in last 3 mo.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>OTHER (write in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>How often did you eat this type of fish over the past 3 months?</td>
<td></td>
</tr>
<tr>
<td>Once a day or more</td>
<td></td>
</tr>
<tr>
<td>4 to 6 times/week</td>
<td></td>
</tr>
<tr>
<td>2 or 3 times/week</td>
<td></td>
</tr>
<tr>
<td>Once a week</td>
<td></td>
</tr>
<tr>
<td>2 or 3 times/month</td>
<td></td>
</tr>
<tr>
<td>Once a month</td>
<td></td>
</tr>
<tr>
<td>Once in last 3 mo.</td>
<td></td>
</tr>
<tr>
<td>Never in last 3 mo.</td>
<td></td>
</tr>
</tbody>
</table>
Open-ended questions

19. What concerns do you have, if any, about eating locally-caught fish?

20. Do you avoid eating fish from certain locations? If so, why?
21. Have you changed your fish consumption over the past year based on your involvement in this study?

☐ yes
☐ no

If yes, please explain.

☐ I eat fish more frequently
☐ I eat fish less frequently
☐ I’ve made other changes (please explain):

22. Are you aware of any fish consumption advisories for the state of Oklahoma?

☐ yes
☐ no

If yes, please answer the questions below:

(a) Do you follow them?

(b) Do you find them useful?