

Attachment 8g

Biomonitoring Interview Questionnaire, Subsistence Anglers

New York State Department of Health

The Healthy Fishing Community Project in Syracuse, NY

October 21, 2014

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Readability, calculated using the Flesch-Kinkaid Readability Option in Microsoft Word, has been determined at the 3rd grade level without country names

CONTACT INFORMATION

1. What is your full name?

First: _____ Last: _____ Middle initial: _____
___ Refused

2. Do you have an email address?

___ Yes What is it? _____
___ No
___ Don't know
___ Refused

3. Do you have a phone number where we can reach you? This can be the phone number of a friend, relative, or someone who will know how to find you.

___ Yes _____ Home Work Cell Other: _____
_____ Home Work Cell Other: _____
_____ Home Work Cell Other: _____
___ No
___ Don't know
___ Refused

4. What is your street address?

Street Number: _____ Street Name: _____ Unit: _____
City: _____ State: _____ ZIP Code: _____

5. Is your mailing address different from your street address?

___ Yes **What is your mailing address?**
Street Number: _____ Street Name: _____ Unit: _____
City: _____ State: _____ ZIP Code: _____
___ No
___ Don't know
___ Refused

6. If you want your blood and urine test results sent to your doctor, what is his/her name, phone number, and address?

Name of doctor: _____

Telephone number: _____

Address: _____

SEX AND AGE

Script. Now we will begin the interview. The first part is about your background. It will help us compare your answers to other participants' answers.

7. Indicate whether the person is male or female. If unsure, ask his/her sex.

Male

Female

8. What is your birthdate?

____ / ____ / ____ □ So you are ____ years old?
mm dd yyyy

ETHNICITY AND RACE

9. Do you consider yourself to be Hispanic or Latino?

Yes

No

Don't know

Refused

10. What race do you consider yourself to be? (Check all that apply.)

White

Black or African American

Asian

Native Hawaiian or Other Pacific Islander

American Indian or Alaska Native

Other □ Specify: _____

Don't know

Refused

RESIDENTIAL HISTORY

Script: Next, I will ask you where you have lived.

11. How long have you lived at your current address?

Entire life

(If less than 1 year, enter 0 years and number of months. If full years reported, enter number of years and 0 months.)

_____ years _____ months

12. When was this home built?

1978 or after

1950 to 1977

Before 1950

Don't know

Refused

13. How long have you lived in Syracuse?

Entire life

(If less than 1 year, enter 0 years and number of months. If full years reported, enter number of years and 0 months.)

_____ years _____ months

LIFESTYLE

Script: The next group of questions will be about any behaviors or customs you have that could expose you to some contaminants found in Great Lakes fish.

14. On most days, do you take or use any of the following? (Check all that apply.)

Herbal medicine or supplements Specify: _____

Fish oil

None

Don't know

Refused

15. Have you smoked at least 100 cigarettes (or 5 packs) in your lifetime?

Yes (Ever smoker) go to #16

No (Never smoker) go to #20

Don't know go to #20

Refused go to #20

16. (Ever smoker) Do you smoke cigarettes now?

- Yes (Current smoker) □ go to #18
- No (Former smoker) □ go to #17
- Don't know □ go to #20
- Refused □ go to #20

17. (Former smoker) How long has it been since you last smoked cigarettes regularly?

- _____ months or _____ years □ go to #20

18. (Current smoker) How often do you smoke cigarettes?

- Daily (Daily smoker) □ go to #19
- Weekly □ go to #20
- Monthly □ go to #20
- Don't know □ go to #20
- Refused □ go to #20

19. (Daily smoker) How many cigarettes do you smoke per day?

(1 pack=20 cigarettes)

- 1-5 per day
- 6-10 per day
- 11-20 per day (>1/2 and <1 pack per day)
- >20 per day (>1 pack per day)
- Don't know
- Refused

20. Do you use chewing tobacco or snuff?

- Yes □ go to #21
- No □ go to #22
- Don't know □ go to #22
- Refused □ go to #22

21. How often do you use chewing tobacco or snuff?

- Daily
- Weekly
- Monthly
- Don't know
- Refused

PERSONAL ACTIVITIES

Script: The next questions are about activities or interests done as hobbies. You may do these activities for fun, to earn money, or to keep up your house.

22. In the past 12 months, have you or someone else in your household done any of the following activities? SHOW CARD

- Yes → go to #23
- No → go to # 25 (if female) #29 (if male)
- Don't know → go to #25 (if female) or #29 (if male)
- Refused → go to #25 (if female) or #29 (if male)

23. Tell me which activities you did in the last 12 months.

SHOW CARD. (Check all that apply.)

- | | | |
|---|---|-------------------------------------|
| <input type="checkbox"/> Dyeing material | <input type="checkbox"/> Metal work | <input type="checkbox"/> None |
| <input type="checkbox"/> Electronics assembly | <input type="checkbox"/> Painting and glazing | <input type="checkbox"/> Don't know |
| <input type="checkbox"/> Gardening or farming | <input type="checkbox"/> Printmaking | <input type="checkbox"/> Refused |
| <input type="checkbox"/> Glass crafting | <input type="checkbox"/> Woodworking | |
| <input type="checkbox"/> Leather crafting | | |

24. Tell me which activities another household member has done in your home the last 12 months.

SHOW CARD. (Check all that apply.)

- | | | |
|---|---|-------------------------------------|
| <input type="checkbox"/> Dyeing material | <input type="checkbox"/> Metal work | <input type="checkbox"/> None |
| <input type="checkbox"/> Electronics assembly | <input type="checkbox"/> Painting and glazing | <input type="checkbox"/> Don't know |
| <input type="checkbox"/> Gardening or farming | <input type="checkbox"/> Printmaking | <input type="checkbox"/> Refused |
| <input type="checkbox"/> Glass crafting | <input type="checkbox"/> Woodworking | |
| <input type="checkbox"/> Leather crafting | | |

REPRODUCTIVE HISTORY

If MALE ☐ go to #29

If FEMALE ☐ go to #25

25. Are you pregnant?

___ Yes ☐ go to #26

___ No ☐ go to #27

___ Don't know ☐ go to #27

___ Refused ☐ go to #27

26. How many weeks pregnant are you?

_____ weeks ☐ go to #27

___ Don't know ☐ go to #27

___ Refused ☐ go to #27

27. How many children have you given birth to?

(If NONE, enter 0 ☐ go to #29)

_____ child/children ☐ go to #28

___ Don't know ☐ go to #29

___ Refused ☐ go to #29

28. From oldest to youngest, what year was each child born and how many months was each child breastfed? (If a child was not breastfed, enter 0 months.)

Birth order	Birth year (yyyy)	Months breastfed	Birth order	Birth year (yyyy)	Months breastfed
1 st			5 th		
2 nd			6 th		
3 rd			7 th		
4 th			8 th		

FISH AND SHELLFISH

29. Have you eaten fish or shellfish in the past week?

- Yes ☐ go to #30
- No ☐ go to #31
- Don't know ☐ go to #31
- Refused ☐ go to #31

30. When was the last time you ate fish or shellfish?

- Today (same day)
- Yesterday (1 day ago)
- Day before yesterday (2 days ago)
- 3 days ago
- 4-7 days ago
- Don't know
- Refused

CAUGHT FISH

Script: These questions are about the fish you eat that you caught yourself or by someone you know.

31. Compared to this model of a half-pound serving of fish, would you say that a typical meal of fish you eat is usually:

- Less (*smaller than the model*)
- Same or about the same
- More (*larger than the model*)
- Don't know
- Refused

32. Have you eaten fish from any of these bodies of water in New York State?

SHOW CARD AND MAPS. (Check all that apply.)

- Lake Ontario
- Oswego River
- Seneca River (downstream of Lock 24 at Baldwinsville)
- Onondaga Lake and surrounding creeks including Sawmill Creek, Onondaga Creek, Ninemile Creek, Ley Creek and Bloody Brook

- Don't Know
- Refused

Page 8 left blank

P11. TYPES OF FISH: →→ (UNCOMMON TYPES)	Black bullhead	Chain pickerel	Gold fish	Greater redhorse	Green sunfish	Spotfin shiner	Lake sturgeon	Longnose dace	Northern hogsucker	Quill- back	Rainbow trout	Round goby	Rudd
From these bodies of water, which kinds of fish have you eaten in the last 12 months (year)? (33c)													
1 ST ask/check types of fish eaten, then go down columns for checked types													
How many times per year? (34c)													
What parts of this fish (say fish type) did you usually eat? (35c)													
Fillet													
Skin													
Cheek													
Liver													
Eggs/roe													
Other (specify)													
Don't Know													
Refused to answer													
How was (say fish type) usually cleaned? (36c)													
Filleted													
Gutted													
Trimmed fat													
Trimmed belly meat													
Removed cheeks													
Punctured/removed skin													
Did not clean													
Don't know													
Refused to answer													
How was (say fish type) usually cooked? (37c)													
Pan fried													
Deep fried													
Boiled/poached													
Stew/chowder													
Grilled													
Baked/broiled													
Eaten raw													
Smoked													
Dried													
Pickled													
Don't know													
Refused to answer													

p. 12. TYPES OF FISH: →→ (UNCOMMON TYPES)	Tiger muskie	Rainbow Smelt	Lake Trout	White bass	Silver Redhorse	American eel	White Perch	Other (specify)	Other (specify)	Other (specify)	Other (specify)	Other (specify)
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38. Over your lifetime, how many years have you eaten fish out of these bodies of water?

- Years
- Don't know
- Refused

39. For fish caught in any of these areas, how has the total amount of fish you eat changed during the past five years?

- Eat less
- Same or about the same
- Eat more
- Don't know
- Refused

WILD BIRDS AND ANIMALS

40. In the past 12 months, have you eaten waterfowl (such as ducks or geese) or bear that were hunted near any of the following bodies of water in New York State?

SHOW CARD AND MAPS.

(Check all that apply.)

- Lake Ontario
- Oswego River
- Seneca River (downstream of Lock 24 at Baldwinsville)
- Onondaga Lake and surrounding creeks including Sawmill Creek, Onondaga Creek, Ninemile Creek, Ley Creek and Bloody Brook

- Don't Know
- Refused

OTHER BEHAVIORS AND OTHER BODIES OF WATER
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41. In the past 12 months, about how many times did you swim, dive, or wade (including wading for fishing or hunting) in any of these bodies of water? SHOW CARD AND MAPS.

(If never, enter 0 times.)

- times
- Don't know
- Refused

In the past 12 months, have you eaten fish from any of these other bodies of water in New York State? SHOW CARD

- Finger Lake Region lakes, ponds, or rivers *Specify:* _____
- Skaneateles Creek
- Erie Canal
- Canadice Lake (Ontario County)
- Other bodies of water in the sportfish advisories *Specify:* _____
-
- Don't know
- Refused

STORE BOUGHT FISH

Script: The following questions are about fish bought at a store or supermarket. Please do not include fish from restaurants.

42. Which of these fish that was bought at a store or supermarket have you eaten in the past 12 months? SHOW CARD. (fill in answers by checking type of fish in table below)

Check the answer given	Grouper	Shark	Swordfish	Salmon (including canned)	Tuna (canned)	Tuna (not canned)
Ate in last 12 months (43)						
None						
Don't know						
Refused						
43. If eaten, how many times in last 12 months?						
None						
Don't know						
Refused						

44. Over your lifetime, how many years have you eaten any of these fish bought at a store or supermarket? SHOW CARD.
(If never or less than 1 year, enter 0 years.)

	Grouper	Shark	Swordfish	Salmon (including canned)	Tuna (canned)	Tuna (not canned)

Years						
Don't know						
Refused						

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OTHER STORE BOUGHT FOODS

Script: The following questions are about typical **grocery store or market foods** that you may have eaten **in the past 12 months**. The purpose of the following four questions is to estimate if you have a high animal fat diet or low animal fat diet.

In the past 12 months, how often did you eat meals with... *SHOW CARD.*

45. Whole eggs?

(If never, enter 0 times per year.)

- times per *(circle one)* week month year
 Don't know
 Refused

46. Whole milk products (including 2% milk)?

(If never, enter 0 times per year.)

- times per *(circle one)* week month year
 Don't know
 Refused

47. Poultry meat?

(If never, enter 0 times per year.)

- times per *(circle one)* week month year
 Don't know
 Refused

48. Red meat?

(If never, enter 0 times per year.)

- times per *(circle one)* week month year
 Don't know
 Refused

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EDUCATION, OCCUPATION. AND INCOME

Script: "We also want to know about your education and occupation, and about your family's income."

49. What is the highest grade level of school or degree you have completed?

- 8th grade or less Bachelor's degree

- 9th to 11th grade, no diploma
- High school graduate or GED
- Some college, no diploma
- Associate degree
- Postgraduate, professional, or doctoral degree
- Don't know
- Refused

50. Have you had a job in the past 12 months?

- Yes go to #52
- No go to #54
- Don't know go to #54
- Refused go to #54

Script: I would like to know what type of work you've done and the kind of business where you worked in the past 12 months.

51. Currently, what is your job or job title and the kind of business or organization where you work?

Job 1. _____ Industry 1. _____
 (Optional) What are your usual activities or duties? _____

52. If you had more than one job in the past 12 months, tell me about each one.

If no additional jobs, go to #19.

Job 2. _____ Industry 2. _____
 (Optional) What are your usual activities or duties? _____

Job 3. _____ Industry 3. _____
 (Optional) What are your usual activities or duties? _____

Job 4. _____ Industry 4. _____
 (Optional) What are your usual activities or duties? _____

53. Including yourself, how many family members currently live with you? Your family includes everyone currently living with you who is related to you by birth, marriage, or adoption.

_____ members

___ Don't know

___ Refused

54. Can you tell me your total family income in {LAST CALENDAR YEAR} before taxes?

SHOW CARD.

(Check one only.)

___ Less than \$15,000

___ \$15,000 to less than \$25,000

___ \$25,000 to less than \$35,000

___ \$35,000 to less than \$50,000

___ \$50,000 to less than \$75,000

___ \$75,000 to less than \$100,000

___ \$100,000 or more

___ Don't know

___ Refused

FISHING INFORMATION

55. Have you heard about the health advice on eating fish caught from New York State waters?

___ Yes, From who or where did you hear it? _____

___ No

___ Don't know

___ Refused

END OF INTERVIEW.