Workshop on Developing a San Francisco Bay Fish Consumption Survey Questionnaire



November 3, 2023 Workshop 12:00 PM – 5:00 PM



HYBRID MEETING In-person: First floor conference room at SFEI 4911 Central Ave, Richmond CA

Remote Access:

http://sfei.li/consumption-survey-questionnaire

Meeting ID: 876 9045 4684 Dial in: +1 669 444 9171

AGENDA

1.	 Introductions and Review Goals for the Meeting Meeting goals: 1. Become acquainted with each other 2. Inform the group on background and overall plan for the project 3. Consensus on basic content of the questionnaire 4. Preliminary discussion of survey implementation 5. Inform the group on next steps 	12:00 (30 min) Jenalyn Guzman
2.	 Project Background The Water Board wants to designate a subsistence beneficial use (SUB) if it is necessary for San Francisco Bay. To determine if it is necessary, they need better information on rates of consumption and contaminant exposure by groups with high consumption rates. Materials: Water Board Background Document (page 3 of the agenda package) Desired Outcome: Informed group 	12:30 (30 min) Samantha Harper, Kevin Lunde
3.	 General Plan for this Project Overview of the general goals, plan, and timeline for this project. Materials: Slides presented at the meeting Desired Outcome: Informed group 	1:00 (30 min) Jay Davis

4.	 Previous Consumption Surveys and Fish Monitoring A brief review of 1) prior surveys that have influenced the design of the draft questionnaire, especially the 2000 San Francisco Bay Consumption Survey; and 2) Bay fish monitoring. Materials: Compilation of questionnaires from prior surveys (pages 4-56) Desired Outcome: Informed group 	1:30 (30 min) Jay Davis
5.	 Draft Questionnaire (Part 1) Discussion of the goals of the survey and the questions to include in the survey. Materials: Draft list of questions to include in the survey (pages 56-60) Desired Outcome: Inform the group and obtain input 	2:00 (30 min) Martin Trinh, Jay Davis
6.	Break	2:30 (20 min)
7.	Draft Questionnaire (Part 2)	2:50 (60 min)
8.	 Preliminary Discussion of Survey Implementation Preliminary discussion of plans and considerations for implementation of the survey. Materials: Slides presented at the meeting Desired Outcome: Inform the group and obtain input 	3:50 (50 min) Martin Trinh, Jay Davis
9.	Next Steps Review of timeline for the rest of the project. Materials: Slides presented at the meeting Desired Outcome: • Informed group	4:40 (10 min) Jay Davis
10.	 Feedback on Today's Workshop Desired Outcome: Obtain feedback on the Workshop from Workshop participants 	4:50 (10 min) Facilitator
	Adjourn	5:00

Water Board Background Statement

We want to designate a subsistence beneficial use (SUB) if and where it is necessary for San Francisco Bay or other water bodies. If our current commercial and sport fishing beneficial use (COMM) is protective of SUB, then we want to share that risk protection knowledge with interested parties. If not, then we want to support CBOs to collect consumption information that can support SUB beneficial use designations.

Definitions:

- **Subsistence Fishing (SUB):** Uses of water involving the non-commercial catching or gathering of natural aquatic resources, including fish and shellfish, for consumption by individuals, households, or communities, to meet needs for sustenance.
- **Commercial and Sport Fishing (COMM):** Uses of water for commercial or recreational collection of fish, shellfish, or other organisms, including, but not limited to, uses involving organisms intended for human consumption or bait purposes.
- What are the consumption rates of subsistence fishers in the Bay? (More technical version: What is the likelihood that a value less than the SUB default of 142 g/d (4-5 meals per week) is protective of subsistence fishers?)

Answering this question is the primary goal of the consumption survey work that the questionnaire is being developed for. To answer this question we need to obtain solid quantitative information on highend consumption rates of Bay fishers.

The SUB default consumption rate is 142 g/d (about 4.5 meals per week) (based on EPA fish consumption guidance) but allows for site-specific analysis when designating the use. In the SF Bay mercury water quality objectives, COMM was protected by setting allowable fish tissue concentrations using a consumption rate of 32 g/d (one meal a week), which protected 95% of those who fish in the Bay (excludes non-fishers), and there was no difference in consumption by ethnic or economic group. The SF Bay Seafood Consumption Study (2001)¹ did not support a subsistence consumption rate of four to five meals per week; rather, it suggested a fish consumption rate of one or maybe two meals per week is protective. The statewide Hg objectives Staff Report has text that says the SF Bay COMM consumption rate, or twice the consumption rate, 64 g/d, may be appropriate to protect SUB.

The 2001 consumption study under sampled or did not sample subsistence fishers and thus even the 95% approach did not capture this SUB consumption rate. The default SUB CR is much higher than 32 g/d (one meal a week) so this needs to be assessed. Thus, there is value in getting new data to investigate groups most likely to be eating frequently or for subsistence purposes by species, by size, and by ethnic group or geography to determine if subsistence fishers are truly protected.

¹ <u>https://www.sfei.org/documents/san-francisco-bay-seafood-consumption-study-report</u>

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Appendix E

Questionnaire (English and Spanish)

San Francisco Bay Seafood Consumption Study



Date / / Site Code Mode Time Begin Interviewer:
Person is: Fishing (has poles only) Both fishing and crabbing
Hello, my name is I am doing a survey for the San Francisco Estuary Institute (SHOW)
IDENTIFICATION) We are gathering information about what types of fish or shellfish people catch and eat from the San
Francisco Bay. I am not checking fishing licenses or checking your catch. Your answers will be kept confidential and you don't
have to answer all the questions. You will also receive a small gift at the end of the survey (CAN SHOW ITEM). May I talk
to you for a few minutes?

Q1a. Yes (SKIP TO Q2a)	No (END SURVEY, FILL OUT Q1b-Q2	
Q1b. Reason	Q1c. Observed Ethnicity	Q1d. Language Q1e. Gender
No time	Caucasian Native American	English Male
Language problem	African American Filipino	Spanish Female
Appeared threatening	Latino/Hispanic	Vietnamese
Other	Chinese Asian (unknown)	Cantonese
	Vietnamese DK	Mandarin
		Tagalog
	Other	Other
		DK
Q2a. Our study is called the San Fr this study? (talked to someone with	rancisco Bay Seafood Consumption Study. Have you b a same vest/hat on?) (STOP, EN	been interviewed before for DINTERVIEW)
Yes Q2b. When ((m/y) : $\square / \square DK$ $(STOT, EK)$	
		[]

Refuse

When I talk about the San Francisco Bay, I mean this area here: (SHOW MAP). I will mainly be referring to fish and shellfish from the Bay. When I say shellfish, I am referring to crab, mussels, or clams.

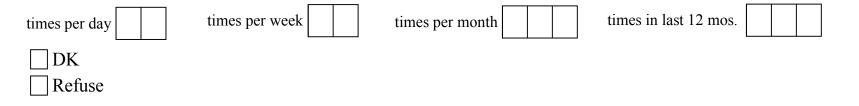
Q3a. Is this the first time you have ever fished in the SF Bay?	
Yes (SKIP TO Q5) DK Refuse	
\square No Q3b. When was the last time you fished in the Bay? (m/y) \square DK	
Q4. Not including today, in the last 4 weeks, what is the total number of times you have gone fishing in the San Francisco Bay?	
Q5. What do you usually do (plan to do -FOR FIRST TIME FISHERS) with the fish or shellfish you catch from the SF Bay?	
(CHECK ALL THAT APPLY)	
Eat it Give it to family or friends Trade or sell it Use for bait Catch and release it DK	Refuse
Other (specify)	

For the next few questions, I am asking about eating fish that you or someone you know has caught from San Francisco Bay. This can be fish that's fresh, or fish from the Bay that you have frozen, dried, canned, or smoked after being caught to eat at a later time.

Q6	a. Do you eat fish that you or	someone you know ca	atches from the SF Bay?				
	Yes DK	Refuse					
	Used to, but don't anymore Q6b. stopped when:m/y DK						
	No (SKIP TO Q10)						
Q7	. How many years have you be	een eating fish that you	or someone you know has can	ught from the SF Bay?			
	Less than 1 year	6-10 years	21-30 years	DK			
	1-5 years	11-20 years	more than 30 years	Refuse			
	Q8a. In the last 4 weeks, c	lid you eat fish that yo	u caught or someone you know	caught from the SF Bay?			
15147	Yes	DK					
	No (SKIP TO Q9)	Refuse					

Q8b. In the last 4 weeks, h	now many times did you eat fisl	h that you or someone you know caught from the Bay?	
times per day	times per week	total times in last 4 weeks	
DK			
Refuse			

Q9. Over the last 12 months (__/97-8 to _/98-9) how many times overall did you eat fish that you or someone you know caught from the SF Bay?



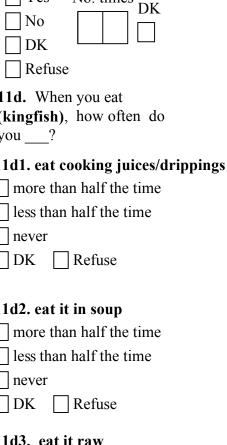
Q10a. This is a model of 8 ounces (half pound) of raw fish fillet. When you eat fish from anywhere (the Bay, other places, stores, restaurants), is the amount that you eat: (SHOW PERSON FISH PORTION BUT DO NOT LET THEM HOLD IT.)

About this size (SKIP TO Q11) \Box DK \Box More \Downarrow Q10b. About how much more? $\Downarrow \Downarrow$	
	Other
Less \Downarrow Q10c. About how much less? $\Downarrow \Downarrow$	Half this amount One third this amount DK Refuse
	Other



Now I'm going to show you pictures of 3 specific fish that can be caught from the SF Bay and ask you whether you eat them or not. Again this can be fresh fish, or fish that is frozen, dried, canned or smoked after being caught.

 11a. Do you eat this fish (KINGFISH) that you or someone you know catches from SF Bay? (POINT TO PIX) Yes No (SKIP TO Q12) DK Refuse 	 11b. Have you eaten any (kingfish) from the Bay in the last 4 weeks? (fresh, frozen, dried, canned, smoked) Yes No. times DK No DK Refuse
What do you call it?	11d. When you eat (kingfish) , how often do you?
11c. When you eat (kingfish), how often do you eat the? 11c1. Skin more than half the time	 11d1. eat cooking juices/drip more than half the time less than half the time never DK Refuse
 less than half the time never DK Refuse 11c2. Guts more than half the time less than half the time never DK Refuse 	 11d2. eat it in soup more than half the time less than half the time never DK Refuse 11d3. eat it raw more than half the time less than half the time never



12a. Do you eat this fish (LEOPARD SHARK) that you or someone you know catches from SF Bay? (POINT TO PIX)

Yes
No (SKIP TO Q13)
DK Refuse

What do you call it?

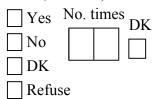


12c. When you eat (leopard shark), how often do you eat the _

12c1. Skin

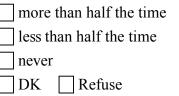
- more than half the time less than half the time never DK Refuse 12c2. Guts
- more than half the time less than half the time never Refuse DK

12b. Have you eaten any (leopard shark) from the Bay in the last 4 weeks? (fresh, frozen, dried, canned, smoked)

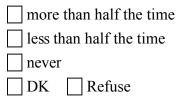


12d. When you eat (leopard shark), how often do you ?

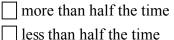
12d1. eat cooking juices/drippings



12d2. eat it in soup



12d3. eat it raw





Refuse DK



DK Refuse

 13a. Do you eat this fish (STRIPED BASS) that you or someone you know catches from SF Bay? (POINT TO PIX) Yes No (SKIP TO Q14) DK Refuse What do you call it? 	 13b. Have you eaten any (striped bass) from the Bay in the last 4 weeks? (fresh, frozen, dried, canned, smoked) Yes No. times DK No DK DK Refuse 	 13c. When you eat (striped bass), how often do you eat the? 13c1. Skin more than half the time less than half the time never DK Refuse 	 13d. When you eat (striped bass), how often do you? 13d1. eat cooking juices/drippings? 13d1. eat cooking juices/drippings? 13d2. eat it in soup
		 13c2. Guts more than half the time less than half the time never DK Refuse 	 more than half the time less than half the time never DK Refuse 13d3. eat it raw more than half the time less than half the time never DK Refuse

Q4a Now I have some pictures of other fish that can be caught from SF Bay. Looking at these pictures, please show me which fish you have eaten in the last 4 weeks. Again, these are the fish you ate in the last 4 weeks which you caught or someone you know caught from SF Bay. The fish could have been fresh, frozen, dried, canned or smoked.

Q14b. How many times have you eaten this fish in the last 4 weeks? (ASK AS RESPONDENT POINTS TO PICTURE, RECORD RESPONSE IN COLUMN 14B.)

Q14c. What do you call this? (ASK AS RESPONDENT POINTS TO PICTURE, RECORD RESPONSE IN COLUMN 14c.)

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(SHOW PICTURES AND HAVE RESPONDENT POINT OR TELL YOU WITH PROBING AS NEEDED: "ANY OTHER FISH YOU HAVE EATEN IN THE LAST 4 WEEKS THAT YOU CAUGHT OR SOMEONE YOU KNOW CAUGHT FROM SF BAY?") **Q14a.** Eaten in last 4 weeks?

Q14b. No.of times

Q14c. What do you call this?

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Г			1	
	Jacksmelt	Yes	DK	
	Halibut	Yes	DK	
	Brown Smoothhound Shark	Yes	DK	
	Brown Rockfish	Yes	DK	
	Pacific Sanddab	Yes	DK	
	Pacific Sardine	Yes	DK	
	Black Perch	Yes	DK	
	Shiner Surfperch	Yes	DK	
	Walleye Surfperch	Yes	DK	
	Sturgeon	Yes	DK	
	Crab	Yes	DK	
	Clams	Yes	DK	
-	Mussels	Yes	DK	



Q14d. Are there any other fish from the Bay that you or someone you know catches that you ate in the last 4 weeks for which I don't have pictures? (IF RESPONDENT NAMES ONE OF THE FOLLOWING LISTED FISH, CHECK THE BOX AND INDICATE NUMBER OF TIMES EATEN. IF RESPONDENT NAMES A FISH THAT IS NOT LISTED, SPECIFY TYPE OF FISH AND NUMBER OF TIMES EATEN IN LAST 4 WEEKS IN THE BLANK BOXES BELOW.)

F	erch	Yes	DK	Pacific Tomcod	Yes	DK
A	Anchovy	Yes	DK	Goby	Yes	DK
S	tarry Flounder	Yes	DK	Bat Ray	Yes	DK
	hark (OTHER THA	AN d or Leopard shark)	Yes	DK		
Q15.	Who in your househol	d eats the fish that you	or someone you know	w catches from the SF Bay? (CHECK ALL THA	T APPLY)
<u> </u>	Vourself Won	nen between ages 18-4	5 years	Women who are currently pre	gnant or breastfeedin	g
	Children under age of 6	Children bet	ween 6 and 17 years	People 65 or older	DK I	Refuse
Q16. H	low many people altog	ether, including yourse	lf, are in your househo	old?	Refuse	
Q17.	Who usually cooks or	prepares the fish you c	atch and eat from the	Bay? (CHECK ALL RESP	ONDENT INDICAT	ΓES)
	Self	Family member (s	pecify)			
	Friend	Other (specify)				
14	DK					
1514	Refuse					

Now I want to ask you some questions about fish from OTHER places, rather than fish from the SF Bay. Again we ask you to think about fresh fish as well as fish that has been, frozen, dried, canned, or smoked after being caught.

Q18. In the last 4 weeks, did you eat fish that you caught or someone you know caught from places other than the SF Bay (like a lake or river)? SHOW MAP AS NEEDED TO REMIND RESPONDENT ABOUT AREA COVERED BY SF BAY)

Yes No (SKIP TO Q21) DK Refuse
Q19. From what places, other than the San Francisco Bay, did you or someone you know catch fish that you ate in the last 4 weeks? (check all that Respondent indicates) Lake/Reservoir
River DK Other (specify)
Delta Refuse
Ocean (outside SF Bay/other Bays)
Q20. In the last 4 weeks, how many times did you eat fish that you or someone you know caught from places other than SF Bay?
times per day times per week total times in last 4 weeks
DK
Refuse
Q21. In the last 4 weeks, have you eaten any fish from a store or restaurant? This includes any fish fillet burgers or canned tuna also. Yes No (SKIP TO Q23) DK Q22. How many times in the last 4 weeks did you eat fish from a store or restaurant, including any fish fillet burgers or canned tuna ? times per day times per week DK DK
Refuse
15147

C	- ·	-				bout eating fish from th	ne Bay.	
Q23. Have you	heard or see	n any information o	r health advisories	about eating f	sh from the	Bay?		
Yes	No ((SKIP TO Q25)	DK R	lefuse				
Q24. What d	id the inform	nation say about fish	from the Bay?	DK	Refuse			
Q25. What is the INDICATES)	best way for	r you to get informa	tion about catching	g and eating fis	sh from the	Bay? (CHECK ALL THA	AT RESPON	DENT
	Sign	Fishing regs	Newspaper	Radio	TV	Other (specify)	DK	Re
Friend/Family								
Friend/Family	51gli							
Friend/Family								
Friend/Family	5igii							
Friend/Family	5igii							

These next few questions will help us describe the people who fish from the SF Bay. We find this information helpful when we are developing information and materials for people who fish. Please remember the information is kept confidential and you don't have to answer if you don't want to.

Q26. How would you describe	e your racial or ethnic		Q27. What category	best describes your	age?
background? Black/African American	Latino/Hispanic		Under 18	18-45	
Caucasian	Native American		46-65	65+	
Chinese	Filipino		DK	Refuse	
Vietnamese	DK Refuse				
Pacific Islander (specify)			Q28. What is the h completed?		ool you have
Other Asian (specify)			Less than 12	th grade	DK
Other (specify)				HS or GED e or trade school it least 4 years colle	Refuse
Q29a. Is your total yearly he than \$20,000 per year? Yes (ASK Q29b)	DK	Q29b. greater the Yes	an \$45,000?	Q30. Gender of Re	spondent:



That's about all the questions I have. In order to thank you for your participation, we would like to give you a small gift. (OFFER GIFT). We'd also like to enter your name into a monthly drawing. You will be eligible to win a \$20 gift certificate to either Sportmart or Target. If you would like your name entered, we will take down your name, address, and phone number. We can also send you information about the results of this survey when they become available. My supervisor may also contact you to check my work or for some further follow-up.

Q31. Would you like to have your name entered into the drawing?	Yes (FILL OUT NAME, ETC. BELOW)
Q32. Would you like us to send you information about the results of available?	of our survey when they become
Q33 . May my supervisor contact you ? Yes (FILL OUT NA	AME,ETC. BELOW)
Name	
Address	
City	State Zip
Phone	

I'd also like to give you some information about the current advisory for the SF Bay (OFFER COPY OF ADVISORY; **READ TO RESPONDENT):** The current health advisory for fish caught from the San Francisco Bay recommends that adults limit their consumption of most types of fish caught from the San Francisco Bay to no more than 2 eight ounce meals/month (one pound total per month). Women who are pregnant, planning to become pregnant, or breastfeeding, and children under 6 years of age should not eat more than one meal per month. There is more detailed information in the handout. If you'd like more information about the advisory or about the survey, you can contact the agencies listed here.

Thanks again. You've really helped us out a lot!

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Time completed interview:

- I		
- I		
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Language in which	If Respondent refused to answer Q26 , note observed ethnicity of Respondent:	
interview was conducted:	Black/African Americar Latino/Hispanic	
English	Caucasian Native American	Other (specify)
Spanish	Chinese Filipino	
Vietnamese	Vietnamese DK	
Cantonese	Pacific Islander (specify)	
Mandarin		
	Other Asian (specify)	
Other (specify)		

San Diego Bay Fish Consumption Study







Steven J. Steinberg Shelly L. Moore

Southern California Coastal Water Research Project SCCWRP Technical Report 976

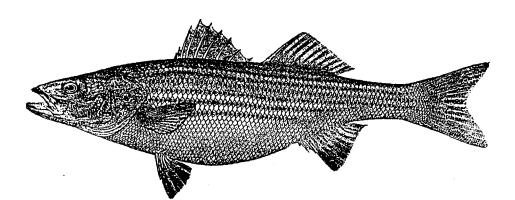
APPENDIX D: SURVEY QUESTIONS

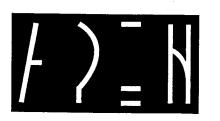
1)	Initiate Survey Choose type of Angler (F time, and GPS location of the survey.	Pier, Shoreline or Boat) – this also captures the date,					
2)	Have you ever been surveyed before for our San Diego Bay fish consumption study? Yes No						
	IF YES: How long ago did you do the su	urvey?					
	A) this month [END SURVEY]						
	B) within the last 3 months [Contin	nue Survey]					
	C) within the last 6 months [Contir	nue Survey]					
	D) more than 6 months ago [Conti	inue Survey]					
	E) Not Applicable [Continue Surve	ev]					
	BOAT ANGLERS ONLY: Did you fis	h or are you fishing in San Diego Bay?					
	Yes [Continue Survey]						
	No [END SURVEY]						
3)	What is your zip code?						
4)	Do you, family or friends eat the fish tha Yes No	at you catch from San Diego Bay?					
5)	Would you be willing to complete a surv Yes No	rey right now?					
-		per version is provided with a SASE for return.					
1)	On average how many times a week	do you come here to fish? (please check one)					
	Less than one time a week	Three times a week					
	One time a week	Four to five times a week					
	Two times a week	More than five times a week					
2)	Which time of year are you most likely t	o be fishing here? (please check one)					
	Fall (Sept-Nov)	Summer (June-August)					
	Winter (Dec-Feb)	All seasons					
	Spring (March-May)						
3)	What types of fish have you caught a in San Diego Bay? (please list)	and kept for yourself, or someone else, to eat this week					

	with typically eat for a meal? (please cheo 1.5 oz.	□ 7.5 oz.
	□ 3.0 oz.	□ Other
	□ 4.5 oz.	□ Not Applicable
	□ 6.0 oz.	
5)	How are the fish typically prepared? (plea	se check one)
	□ Boiled	□ Baked
	□ Fried	□ Grilled
	□ Blended to make a paste (cold)	
	in the blender	Not Applicable
	Make jerky	
6)	What portion of the fish do you eat?	
	Filet only	□ Other
	Whole fish	
7)	What is the most common language that i	s spoken in your home?
		s spoken in your home? are fishing in San Diego Bay? (please list)
8)	What types of fish do you catch when you	
8)	What types of fish do you catch when you	are fishing in San Diego Bay? (please list)
8)	What types of fish do you catch when you	are fishing in San Diego Bay? (please list)
8) 9)	What types of fish do you catch when you	are fishing in San Diego Bay? (please list) an Diego Bay? (please choose all that apply) Other No one else eats the fish that I catch
8) 9)	What types of fish do you catch when you	are fishing in San Diego Bay? (please list) an Diego Bay? (please choose all that apply) Other No one else eats the fish that I catch
8) 9) 10)	What types of fish do you catch when you Who else eats the fish that you catch in S FamilyFriendsNeighbors How many children eat the fish that you catch in S	are fishing in San Diego Bay? (please list) an Diego Bay? (please choose all that apply) Other No one else eats the fish that I catch
7) 8) 9) 10) 11)	What types of fish do you catch when you	are fishing in San Diego Bay? (please list) an Diego Bay? (please choose all that apply) Cher No one else eats the fish that I catch atch from San Diego Bay?
8) 9) 10)	What types of fish do you catch when you	are fishing in San Diego Bay? (please list) an Diego Bay? (please choose all that apply) Other Other No one else eats the fish that I catch atch from San Diego Bay? amily eat from fish that you caught in San Diego
8) 9) 10)	What types of fish do you catch when you	are fishing in San Diego Bay? (please list)

	(please check all that apply) □ Car		Bike
	□ Bus		Train
	□ Walk		Other
14)	How many years have you lived in the Sar		
,	□ Less than 5	-	More than 20
	□ 6 - 10		I don't live in the area
	□ 11 - 20		
5)	Where else do you like to catch fish in the	local	area? (please check all that apply)
	Northern San Diego Bay		Ocean
	Middle San Diego Bay		None
	Southern San Diego Bay		Other
	Mission Bay		
6)	Do you live more or less than 25 miles fror	n San	Diego Bay? (please check one)
	□ Less than 25 miles		More than 25 miles
17)	Are you aware of any fish advisories regar check one)	ding f	ish consumed from San Diego Bay? (please
		п	No
0)	How do you categorize your ethnicity?		
8)			
19)	In what year were you born?		
20)	What town do you live in?		
21)	Do you have a smartphone? (please check	(one)	
	□ Yes		
	□ No		

A Seafood Consumption Survey of the Laotian Community of West Contra Costa County, California





A report by the Asian Pacific Environmental Network (APEN) Prepared by Audrey Chiang, MPH March, 1998

Surveyor Name: _____

Date: __/__/97

Time began:_____: _____:

LAOTIAN COMMUNITY SURVEY

My name is ______, and this is ______ (introduce adult mentor). Thank you for meeting with us today. We are working with the Laotian Organizing Project, or LOP, a project of the Asian Pacific Environmental Network. LOP's goal is to bring together the different sectors of the Laotian community in West County to build an organization which will be able to address the issues which affect our community.

Today we would like to ask you some questions about fishing and fish consumption practices, to help the Laotian community better understand this issue. We will also ask your opinion on other issues in order to help determine the direction LOP should take in it's work.

All the information you give us in this interview is voluntary and confidential. Your answers will be combined with others so that no person's answers can be identified. Your participation in this survey will help us get a better idea of community concerns, but you always have the right to not participate or answer any questions. Before we begin, do you have any questions?

BACKGROUND

1. City of Residence: 2. Tribal/Ethnic Background: 3. What is your first language? 4. What language are you most comfortable speaking? 5. What is your age? _____ years 8 prefer not to answer 6. Sex: M/F (CIRCLE ONE) 7. Weight: ____ lbs 9 DK 8 prefer not to answer 8. Height: ______ feet _____ inches 9 DK 8 prefer not to answer

9. First, I would like to get an idea about the people who live with you in your household. Who lives with you in your household?

IN THE TABLE BELOW, PLEASE LIST ALL THE PEOPLE IN THE RESPONDENT'S HOUSEHOLD, STARTING WITH THE RESPONDENT AS "SELF." FOR EACH PERSON, MARK IF THEY ARE PRESENT DURING THE INTERVIEW, THEIR SEX, AGE AND WHETHER THEY ARE AN ACTIVE FISHER:

	Name (optional)	Relationship to Respondent	present (Y/N)	Sex (M/F)	Age	active fisher (Y/N)
1		self - (interviewee)				
2						
3						
4						
5						
6						
7						
8						

(IF YOU NEED MORE SPACE, USE THE BACK OF THE PAGE)

10. What country is your family from?

11. What year did you move to the United States? _____ (FILL IN YEAR)

12. What year did you move to West County? _____ (FILL IN YEAR)

13. Where did you live before moving to West County?

FISHING PRACTICES BACK HOME (IN NATIVE COUNTRY)

When I say fish, I mean only finfish, like this... SHOW PICTURE OF ANY FINFISH. And when I say shellfish, I am referring to crabs, clams, mussels, etc.... SHOW PICTURE OF SHELLFISH.

14. Did you or your family members fish back home (in your native country)?

- yes. Who in your family? 1
- 2 no (GO TO #17)
- 9 DK (GO TO #17)

15. How often did you or your family members usually fish back home? (READ ANSWER **OPTIONS TO RESPONDENTS**)

- 1 about every day
- 2 3 - 4 times a week
- 3 1 - 2 times a week
- a few times a month
- 4 5 once a month
- 6 less than once a month or never?
- 9 DK

16. What are the reasons you (or a family member) fished back home? Please choose all of the reasons that apply. (READ OFF LIST TO RESPONDENT, CIRCLE ONLY THOSE THAT THE RESPONDENT AGREES WITH)

- It is a custom or tradition of people back home а
- b to get food for my family
- to trade or sell С
- d because I like to fish
- other reasons: е

16a. What is the main reason? (PUT "1" NEXT TO THE MAIN REASON)

17. How often did you eat fish back home? (READ ANSWER OPTIONS TO RESPONDENTS)

- 1 more than once a day
- 2 3 about once a day
- 3 4 times a week
- 4 1 - 2 times a week
- a few times a month
- . 5 6 less than once a month or never?
- 9 DK

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CURRENT FISH EATING PRACTICES

18. How often do you usually eat fish and shellfish now? Please think of fish and shellfish you eat from ALL sources (fish you catch, fish given to you by friends, fish you buy) (READ ANSWER OPTIONS TO RÉSPONDENTS)

- 1 more than once a day
- 2 about once a day
- 3 3 - 4 times a week
- 4 1 - 2 times a week
- 5 a few times a month
- 6 less than once a month or never?
- 9 DK

18a. How many members of your family also eat fish and shellfish?

(WRITE IN NUMBER)

18b. How often do the other members of your family eat fish and shellfish? (READ ANSWER **OPTIONS TO RESPONDENTS**)

- more than once a day 1
- 2 about once a day
- 3 3 - 4 times a week
- 4 1 - 2 times a week
- 5 a few times a month
- 6 less than once a month or never?
- 0 DK

19. Have you changed the amount of fish or the way you eat fish over the past 5 years?

- 1 ves
- 2 no (GO TO #20)
- 9 DK (GO TO #20)

19a. Please explain how and why your habits have changed... (WRITE RESPONSE BELOW)

20. Where do you get the fish or shellfish that your family eats? Please choose all that apply. (READ OFF LIST TO RESPONDENT, AND CIRCLE OFF ALL SOURCES WHERE **RESPONDENT GETS FISH**)

- I/family/friends caught fish or shellfish а
- Bought it from a fisher person/fish trucks/farmer's markets b
- С
- Large supermarket. Please name ______ Small markets, like an Asian grocer. Please name ______ d
- In restaurants. Please name _____ е
- f Other place:

20a. Where do you get fish and shellfish from most often? (MARK WITH "1")

THE FISH PORTION MODEL

21. Now I would like to know about how much fish you usually eat at a meal: Is the cooked amount you eat at a meal more, less, or about this size?

(SHOW PERSON FISH PORTION MODEL. DO NOT LET THEM HOLD IT).

- 1 About this size (GO TO #22)
- 2 More (GO TO #21a)
- 3 Less (GO TO #21b)
- 9 DK (GO TO #22)

21a. About how much more? (Do you usually eat about half more, two times more, or more by a different amount?)

- 1 Half more (GO TO #22)
- 2 Two times more (G0 TO #22)
- Ouner:_____ (GO TO #22) DK (GO TO #22) 3
- 9

21b. About how much less? (Do you usually eat about half this amount, less than half this amount, or less by another amount?)

- Half this amount 1
- 2 Less than half this amount
- 3 Other:
- 9 DK

CURRENT FISHING PRACTICES

22. Do you or someone in your family fish or collect shellfish now?

- *1* yes. Who in your family?_____
- 2 no (GO TO #27)
- 9 DK (GO TO #27)

23. Now I would like to ask you about how often you or your family members fish or collect shellfish now. During (*months* or *season*) how often do you fish or collect shellfish? (FOR EACH SEASON, READ OFF THE LIST OF OPTIONS, AND CHECK THE APPROPRIATE BOX.)

	23a.	23b.	23c.	23d.
	July - Sept (Summer)	Oct - Dec (Fall)	Jan - March (Winter)	April - June (Spring)
More than once a week	1	1	1	1
Once a week	2	2	2	2
2 - 3 times a month	3	3	3	3
Once a month	4	4	4	4
Less than once a month	5	5	5	5
DK	9	9	9	9

24. What are the reasons you (or a family member) fish or collect shellfish now? Please choose all of the reasons that apply. (READ OFF LIST TO RESPONDENT, CIRCLE ONLY THOSE THAT THE RESPONDENT AGREES WITH)

- *a* It is a custom or tradition of people back home
- *b* to get food for my family
- c to trade or sell
- d because I like to fish
- e other reasons: _____

24a. What is the main reason? (PUT A "1" NEXT TO THE MAIN REASON)

25. Where do you or your family members go fishing? Please point out or tell me all of the places where you fish. (SHOW MAP, CIRCLE THE FISHING SPOTS MENTIONED, OR WRITE DOWN NAMES OF PLACES.) Any other places?

25a. Where do you fish or collect shellfish most often? MARK LOCATION WITH "1"

26. Which types of fish do you catch most often? WRITE DOWN ALL THE TYPES OF FISH MENTIONED. Any others?

6a.	SHO	I am going to ask you specifically about the fish you catch from the Bay. W MAP OF THE BAY TO REMIND THEM. you catch this fish from the Bay?
	(SHC CAT	OW FISH PICTURES TO RESPONDENT, AND CIRCLE SPECIES THEY CCH)
	1	Halibut
	2 3	Smelt
	3	Kingfish/White Croaker
	4 5	Shark
		Striped Bass
	6	Surfperch
	7	Sturgeon
Sb.	What	other fish or shellfish do you catch from the Bay?
		Γ OTHER SPECIES, USĚ MORE SPACE IF NĚEDED.
	2101	

.

26c. Of all the fish you mentioned, which kind of fish do you catch most often?

(WRITE IN NAME OF FISH)

EATING FISH AND SHELLFISH FROM THE BAY

Now I'm going to ask you about any fish and shellfish that you might eat or catch specifically from the Bay. This is the Bay. SHOW MAP.

27. Have you ever eaten fish or shellfish from the Bay?

- 1 yes
- 2 no (GO TO #37)
- 9 DK (GO TO #37)

28. For how many years now have you been eating fish caught from the Bay? (READ ANSWER **OPTIONS TO RESPONDENTS**)

- 1 less than one year
- 2 3 1 to 5 years
- 6 to 10 years
- 4 11 to 20 years
- 5 more than 20 years
- 6 used to in the past, but don't anymore
- 9 DK

29. In the past 4 weeks, have you eaten fish that you or someone you know caught from the Bay?

- 1 yes no
- 2 9 DK

THE CHART!

FOR EACH TYPE OF FISH, GO ACROSS THE ROWS AND ASK EACH QUESTION. DO ONE FISH AT A TIME!

(ak for each fish) // Yes a. Kingfish/White Croaker // Yes // Yes // Yes // Yes How many times? // No 9 // Surfperch - other perch // Yes // Yes // Yes // Yes How many times? // Yes How many times? // Yes // Yes		ou eat from the Bay?	31. Have you eaten any from the Bay in the last 4 weeks?
1 Yes 2 No (GO TO b.) 9 DK (GO TO b.) 9 DK (GO TO c.) 9 DK 1 Yes 1 Yes 2 No 9 DK (GO TO c.) 9 DK 1 Yes 1 Yes 1 Yes 2 No (GO TO c.) 9 DK 1 Yes 2 No (GO TO d.) 9 DK 1 Yes 1 Yes 1 Yes 2 No (GO TO e.) 9 DK 6 Halibut 1 Yes 2 No (GO TO f.) 9 DK 1 Yes 1 Yes 2 No (GO TO f.) 2 N			
1 Yes How many times?	a. King	gfish/White Croaker	
2 No (GO TO b.) 2 No 9 DK (GO TO b.) 9 DK b. Surfperch - other perch 1 Yes 1 Yes 1 Yes 2 No (GO TO c.) 9 DK 9 DK (GO TO c.) 2 No 9 DK (GO TO c.) 2 No 9 DK (GO TO c.) 2 No 9 DK (GO TO d.) 2 No 9 DK (GO TO e.) 2 No 9 DK (GO TO e.) 2 No 9 DK 2 No 9 DK 2 No 9 DK 2 No 9 DK 2 No 1 Yes 1 Yes 2 No (GO TO f.) 2 No 9 DK 2 No			
9 DK (GO TO b.) 2 No 9 DK 9 DK b. Surfperch - other perch 1 Yes How many times? 1 Yes How many times? 9 2 No (GO TO c.) 9 DK 9 c. Smelt 1 Yes How many times? 1 Yes How many times? 9 2 No (GO TO d.) 9 DK 9 9 DK (GO TO d.) 2 No 9 9 DK (GO TO d.) 2 No 9 9 DK (GO TO e.) 2 No 9 9 DK (GO TO e.) 2 No 9 9 DK (GO TO e.) 2 No 9 9 DK (GO TO f.) 2 No 9 9 DK 1 Y			How many times?
9 DK b. Surfperch - other perch 1 Yes 1 Yes How many times? 2 No (GO TO c.) 2 No 9 DK (GO TO c.) 2 No 9 DK (GO TO c.) 2 No 9 DK (GO TO c.) 2 No 1 Yes 1 Yes 2 No (GO TO d.) 2 No 9 DK (GO TO d.) 2 No 9 DK (GO TO d.) 2 No 9 DK 1 Yes 1 Yes How many times? 2 No (GO TO e.) 2 No 9 DK 1 Yes 1 Yes How many times? 2 No (GO TO f.) 2 No 9 DK 1 Yes 1 Yes How many times? 2 No (GO TO f.) 2 No 9 DK 1 Yes 1 Yes How m			
b. Surfperch - other perch / Yes / Yes How many times? 2 No (GO TO c.) 2 No 9 DK (GO TO c.) 2 No 9 DK (GO TO c.) 2 No 9 DK / Yes 1 Yes / Yes 2 No (GO TO d.) 2 No 9 DK (GO TO d.) 2 No 9 DK (GO TO d.) 2 No 9 DK (GO TO e.) 2 No 9 DK (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK 1 Yes 1 Yes 1 Yes 2 No (GO TO f.) 2 N	9 DK	(GO TO b.)	
1 Yes 1 Yes 2 No (GO TO c.) 2 No 9 DK (GO TO c.) 2 No 9 DK (GO TO c.) 2 No 1 Yes 1 Yes 2 No (GO TO d.) 2 No 9 DK (GO TO e.) 9 DK 1 Yes 1 Yes 2 No (GO TO e.) 2 No 9 DK (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK 1 Yes 1 Yes 1 Yes 2 No (GO TO f.) 2 No 9 DK 1 Yes			9 DK
1 Yes 1 Yes 2 No (GO TO c.) 2 No 9 DK (GO TO c.) 2 No 9 DK (GO TO c.) 2 No 1 Yes 1 Yes 2 No (GO TO d.) 2 No 9 DK (GO TO e.) 9 DK 1 Yes 1 Yes 2 No (GO TO e.) 2 No 9 DK (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK 1 Yes 1 Yes 1 Yes 2 No (GO TO f.) 2 No 9 DK 1 Yes	b. Surf	perch - other perch	
2 No (GO TO c.) 2 No 9 DK (GO TO c.) 2 No 9 DK 1 Yes 1 Yes How many times? 2 No (GO TO d.) 2 No 9 DK (GO TO e.) 2 No 9 DK (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK 1 Yes 1 Yes 1 Yes 1 Yes 1 Yes 2 No (GO TO g) 1 Yes 1 Yes How many times?	-	•	1 Yes
2 No (GO TO c.) 2 No 9 DK (GO TO c.) 2 No 9 DK 1 Yes 1 Yes How many times? 2 No (GO TO d.) 2 No 9 DK (GO TO e.) 2 No 9 DK (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK 1 Yes 1 Yes 1 Yes 1 Yes 1 Yes 2 No (GO TO g) 1 Yes 1 Yes How many times?	/ Yes		How many times?
9 DK (GO TO c.) 2 No 9 DK 7 Yes 1 Yes 1 Yes 1 Yes How many times? 2 No (GO TO d.) 2 No 9 DK (GO TO e.) 9 DK 9 DK (GO TO e.) 2 No 9 DK (GO TO e.) 2 No 9 DK (GO TO e.) 9 DK 9 DK 1 Yes 1 Yes How many times? 2 No (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK 1 Yes 1 Yes 1 Yes 1 Yes How many times?			
9 DK c. Smelt 1 Yes 1 Yes How many times? 2 No (GO TO d.) 2 No 9 DK (GO TO d.) 2 No 9 DK (GO TO d.) 2 No 9 DK (GO TO d.) 2 No 4. Shark 1 Yes 1 Yes How many times? 2 No (GO TO e.) 2 No 9 DK (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK 1 Yes 1 Yes 1 Yes 1 Yes 1 Yes 1 Yes 1 Yes 1 Yes How many times?			2 No.
c. Smelt I Yes I Yes How many times? 2 No (GO TO d.) 2 No 9 DK (GO TO d.) 2 No 4. Shark I Yes How many times? 1 Yes I Yes 2 No (GO TO e.) 9 DK 9 DK (GO TO e.) 2 No 9 DK (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK 2 No 9 DK 1 Yes 1 Yes 1 Yes 1 Yes 1 Yes 1 Yes 1 Yes 1 Yes How many times?			
I Yes I Yes 2 No (GO TO d.) I Yes 9 DK (GO TO d.) I Yes 1 Yes I Yes 1 Yes I Yes 2 No (GO TO e.) I Yes 2 No (GO TO e.) I Yes 2 No (GO TO e.) I Yes 9 DK (GO TO e.) I Yes 1 Yes I Yes 2 No (GO TO e.) I Yes 9 DK (GO TO e.) I Yes 1 Yes I Yes 2 No (GO TO f.) I Yes 1 Yes I Yes 1 Yes I Yes 1 Yes I Yes 1 Yes How many times?	a Smal	14	
1 Yes How many times? 2 No (GO TO d.) 2 No 9 DK (GO TO d.) 2 No 9 DK (GO TO d.) 2 No 9 DK 1 Yes 1 Yes 1 Yes 2 No (GO TO e.) 2 No 9 DK 1 Yes 1 Yes 1 Yes 2 No (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK 1 Yes 1 Yes 1 Yes 1 Yes 1 Yes 2 No (GO TO g) 1 Yes 1 Yes How many times?	c. Sme	11	I Vec
2 No (GO TO d.) 2 No 9 DK (GO TO d.) 2 No 9 DK 1 Yes 1 Yes How many times? 2 No (GO TO e.) 2 No 9 DK (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK 1 Yes 1 Yes 1 Yes 1 Yes How many times? 1 Yes How many times? 2 No (GO TO g) 1 Yes			
9 DK (GO TO d.) 2 No 9 DK 9 DK d. Shark 1 Yes 1 1 Yes 1 Yes 2 No (GO TO e.) 9 DK 9 DK (GO TO e.) 2 No 9 DK (GO TO e.) 2 No 9 DK (GO TO e.) 2 No 9 DK (GO TO f.) 2 No 9 DK 1 Yes 1 Yes 1 Yes 1 Yes 1 Yes 2 No (GO TO g) 1 Yes			How many times?
9 DK d. Shark 1 Yes 1 Yes How many times? 2 No (GO TO e.) 2 9 DK (GO TO e.) 2 9 DK (GO TO e.) 2 9 DK 9 e. Halibut 1 Yes 1 Yes How many times? 2 No (GO TO f.) 9 9 DK (GO TO f.) 2 9 DK (GO TO f.) 2 9 DK 1 Yes 2 No 1 Yes 1 1 Yes 1 1 Yes How many times? 1 Yes How many times? 1 Yes How many times? 2 No (GO TO g) 1			
d. Shark 1 Yes 1 Yes How many times? 2 No (GO TO e.) 2 No 9 DK (GO TO e.) 2 No e. Halibut 1 Yes 1 1 Yes 1 Yes 2 No (GO TO f.) 9 DK 9 DK (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK (GO TO f.) 1 Yes 1 Yes 1 Yes 1 Yes 1 Yes 2 No (GO TO g) 1 Yes	9 DK	(GO TO d.)	
1 Yes 1 Yes 2 No (GO TO e.) 2 No 9 DK (GO TO e.) 2 No e. Halibut 1 Yes 1 Yes 1 Yes 2 No (GO TO f.) 9 DK 9 DK (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK (GO TO f.) 1 Yes 1 Yes 1 Yes 1 Yes 1 Yes 1 Yes 1 Yes 2 No (GO TO g) 1 Yes			9 DK
1 Yes How many times? 2 No (GO TO e.) 2 No 9 DK (GO TO e.) 2 No e. Halibut 1 Yes 1 Yes How many times? 2 No (GO TO f.) 9 DK 9 DK (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK 1 Yes 1 Yes 1 Yes 1 Yes 1 Yes 1 Yes How many times?	d. Shar	k	
2 No (GO TO e.) 2 No 9 DK (GO TO e.) 2 No 9 DK 9 DK e. Halibut 1 Yes How many times? 1 Yes 2 No 2 No (GO TO f.) 2 No 9 DK 1 Yes 1 Yes 1 Yes 1 Yes 1 Yes 2 No (GO TO g) 1 Yes			1 Yes
2 No (GO TO e.) 2 No 9 DK (GO TO e.) 9 DK e. Halibut 1 Yes 1 Yes How many times? 2 No (GO TO f.) 2 No 9 DK 1 Yes 1 Yes 1 Yes 1 Yes 1 Yes 1 Yes How many times? 2 No (GO TO g) 1 Yes	I Yes		How many times?
9 DK (GO TO e.) 2 No 9 DK 9 DK e. Halibut 1 Yes 1 1 Yes 1 Yes 2 No (GO TO f.) 2 No 9 DK 1 Yes 1 Yes 1 Yes 2 No (GO TO g) 1 Yes	2 No ((GO TO e.)	·
9 DK e. Halibut 1 Yes 1 Yes How many times? 2 No (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 1 Yes 1 Yes 1 Yes 1 Yes 2 No (GO TO g) 1 Yes			2 No
e. Halibut 1 Yes 1 Yes How many times? 2 No (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK 9 DK f. Striped Bass 1 Yes 1 Yes How many times? 2 No (GO TO g) 1 Yes		(,	
1 Yes 1 Yes 2 No (GO TO f.) How many times? 9 DK (GO TO f.) 2 No 9 DK (GO TO f.) 9 DK f. Striped Bass 1 Yes 1 Yes How many times? 2 No (GO TO g) How many times?	e. Halil	but	·
1 Yes How many times? 2 No (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK 9 DK f. Striped Bass 1 Yes 1 Yes How many times? 2 No (GO TO g) How many times?			1 Ves
2 No (GO TO f.) 2 No 9 DK (GO TO f.) 2 No 9 DK 9 DK f. Striped Bass 1 Yes 1 Yes How many times? 2 No (GO TO g) 1	1 Vec		
9 DK (GO TO f.) 2 No f. Striped Bass J Yes J Yes 2 No (GO TO g) J Yes J Yes			now many unces:
9 DK f. Striped Bass 1 Yes 1 Yes How many times? 2 No (GO TO g) How many times?			2 11-
f. Striped Bass J Yes J Yes How many times? 2 No (GO TO g) How many times?			
1 Yes 2 No (GO TO g) 1 Yes How many times?			y DK
1 Yes How many times? 2 No (GO TO g)	f. Strip	ed Bass	
2 No (GO TO g)			
			How many times?
9 DK (GO TO g) 2 No	9 DK	(GO TO g)	2 No
9 DK		-	

1

9

Do you eat any other fish from the Bay that have not been mentioned? IF YES, FILL IN THE CHART WITH THE FISH THAT ARE MENTIONED.

g.	Other fish		
		1	Yes
1	Yes - SPECIFY:		How many times?
2	No (GO TO #32)		
9	DK (GO TO #32)	2	No
		9	DK
h.	Other fish		
		1	Yes
1	Yes - SPECIFY:		How many times?
2	No (GO TO #32)		-
9	DK (GO TO #32)	2	No
		9	DK
i. (Other fish		
		1	Yes
1	Yes - SPECIFY:		How many times?
2	No (GO TO #32)		
9	DK (GO TO #32)	2	No
		9	DK
j. (Other fish		
ľ		1	Yes
1	Yes - SPECIFY:		How many times?
2	No (GO TO #32)		·
9	DK (GO TO #32)	2	No
Ĺ	()	9	DK
T /		1 mo	THEDOM THE DAY MAKE SUDE THE

LOOK BACK AT LIST OF FISH THEY CATCH FROM THE BAY, MAKE SURE THESE FISH ARE INCLUDED HERE!

32. When you eat fish, do you always, sometimes or never eat the ______ of the fish? (ASK FOR EACH PART, MARK "1" FOR "ALWAYS", "2" FOR "SOMETIMES" AND "3" FOR "NEVER")

- ___fillet/meat
- ___ skin
- ___ organs
- ___ head

33. How do you usually prepare or cook the fish you eat? (WRITE RESPONSE BELOW)

Now I am going to ask you questions about shellfish. Shellfish are clams, mussels, crabs, etc. SHOW PICTURE OF SHELLFISH.

Type of shellfish	34. Have you eaten any from the Bay in the last 4 weeks?	35. Do you ever eat raw?	36. Where do you or family members collect from the Bay?
a. Clams	 Yes, how many times? No (GO TO b.) DK (GO TO b.) 	1 Yes 2 No 9 DK	
b. Mussels	 Yes, how many times? No (GO TO c.) DK (GO TO c.) 	1 Yes 2 No 9 DK	
c. Crabs	 Yes, how many times? No (GO TO d.) DK (GO TO d.) 	I Yes 2 No 9 DK	

Do you eat any other shellfish from the Bay that have not been mentioned? FILL IN THE CHART FOR OTHER TYPES OF SHELLFISH MENTIONED.

d. Other shellfish SPECIFY:	 Yes, how many times? No (GO TO #37) DK (GO TO #37) 	1 Yes 2 No 9 DK	
e. Other shellfish SPECIFY:	 Yes, how many times? No (GO TO #37) DK (GO TO #37) 	1 Yes 2 No 9 DK	

(USE BACK OF PAGE IF YOU NEED MORE SPACE!)

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FISH AND SHELLFISH FROM PLACES OTHER THAN THE BAY

Now I am going to ask you about any fish or shellfish you or family members have caught from places other than the Bay.

37. In the past 4 weeks, have you eaten any fish or shellfish that was caught from places other than the Bay? (REFER BACK TO MAP USED IN #25)

- *l* yes
- 2 no (GO TO #39)
- 9 DK (GO TO #39)

38. How many times did you eat fish or shellfish that was caught from places other than the Bay in the past four weeks?

____ (WRITE IN NUMBER OF TIMES)

Now I'd like to ask you about fish and shellfish that you may buy from a store or get in a restaurant. This includes fish and shellfish that is fresh, canned, frozen, or dried.

39. Have you eaten any fish or shellfish bought from a store or in a restaurant in the past 4 weeks?

1 yes 2 no (GO TO #41) 9 DK (GO TO #41)

40. How often do you usually eat store bought or restaurant fish or shellfish? (READ ANSWER OPTIONS TO RESPONDENTS)

- *l* more than once a day
- 2 about every day
- $3 \quad 3-4$ times a week
- 4 1 2 times a week
- 5 a few times a month
- 6 less than once a month or never?
- 9 DK

41. Do you eat sauces or pastes made from fish, shrimp or crab?

1	yes
2	no (GO TO #45)
9	DK (GO TO #45)

42. Do you, a family member or a friend make the sauces or pastes at home?

1 2 9 yes no DK

43. Do you buy the sauces or pastes from a store or restaurant?

1 yes 2 9 no DK

44. How often do you usually eat sauces or pastes made from fish, shrimp or crab? (READ ANSWER OPTIONS TO RESPONDENTS)

- about every day 3 4 times a week
- 1 2 times a week
- a few times a month
- 1 2 3 4 5 6 once a month
- less than once a month or never?
- 9 DK

COMMUNITY AWARENESS AND CONCERNS

45. Before today, have you heard of any health warnings about eating fish or shellfish caught in San Francisco Bay?

1 yes

2 no (GO TO #51)

9 DK (GO TO #51)

46. Do you recall what the warning said?

1 yes 2 no (GO TO #48)

9 DK

0 no response

47. What do you recall the warning saying? Please be specific. (WRITE IN RESPONSE BELOW)

48. Where did you see or hear this warning?

49. Did the warning lead you to change your fishing or fish eating habits in any way?

- 1 yes
- 2 no (GO TO #51)
- 9 DK
- 0 no response

50. In what way did you change your fishing or fish eating habits? (WRITE IN RESPONSE BELOW)

51. Which category best fits your family's total income (for one year)? Remember to include AFDC, social security and the value of food stamps, etc. (READ LIST TO RESPONDENT)

- *l* less than 10, 000
- 2 10,000-20,000
- 3 20,000-30,000
- 4 40,000-50,000
- 5 more than 50,000
- 8 prefer not to answer (GO TO #53)
- 9 DK (GO TO #53)

52. How many people are supported by that income?

_____ (WRITE IN NUMBER)

This next part of the survey is focused on other problems that affect the Laotian community here in West County. We want to find out what people think are the most important needs or concerns of the community.

53. What do you think are the biggest problems that the West Contra County Laotian community faces ? (What are the biggest concerns of the Laotian community?)

54. What are the biggest problems (or concerns) that you and your family face as members of the Laotian community in West County?

55. How many children do you have in Richmond schools?

(WRITE IN NUMBER)

55a. Which schools are your children at?

56. Are there problems with the schools that affect your children and the Laotian community?

l yes 2 no 9 DK

15

57. Are you familiar with the following school issues? (MARK "Y", "N" OR "DK" FOR EACH ISSUE)

а	Students getting "tracked" into "Sheltered Courses" regardless of how well they are doing in school			are /	
	yes	no	DK		
b	Poor physical and environmental conditions of the schools, for example the bathrooms				
	yes	no	DK		
с	Racism and discrimination in schools				
	yes	no	DK		
d	Lack of adequate funding for inner-city schools				
	yes	no	DK		

58. How important are the following school issues to you? For each issue, please tell me if it is very important, kind of important, not that important or not at all important to you and your family...

а	Students getting "tracked" into "Sheltered Courses" regardless of how well they are doing in school				
	very important	kind of important	not that important	not at all important	
b	Poor physical and environmental conditions of the schools, for example the bathrooms				
	very	kind of	not that	not at all	
	important	important	important	important	
с	Racism and discrimination in schools				
	very	kind of	not that	not at all	
	important	important	important	important	
d	Lack of adequate funding for inner-city schools				
	very	kind of	not that	not at all	
	important	important	important	important	

59. What are other school issues that are important to you that I have not already mentioned?

60. Do you think it is important for the Laotian community to build an organization which brings the different sectors of the community together to work on issues which affect the community?

- 1 yes 2 no
- 9 DK

61. Would you be interested in participating in an organization made up by and for members of the Laotian community that unites people to work on the issues which affect the community?

l yes 2 no 9 DK

Please leave us with your name, address and telephone number if you are interested in participating in this organization or hearing more about our projects. We will keep your personal information separate from your survey responses. Your survey responses will be kept confidential, but we would like to contact you about the results of this survey and about our organization's activities in the community.

HAND THEM THE SIGN-UP SHEET FOR THEM TO LEAVE THEIR NAME, ADDRESS AND PHONE NUMBER.

Thank you so much for your time. We will share the results from this survey with the community at the end of the summer at a community forum, and we look forward to meeting with you again then!



CONGRATUALTIONS, THAT'S IT! GOOD JOB!

111

17

GOLD COUNTRY ANGLER SURVEY



A Pilot Study to Assess Mercury Exposure from Sport Fish Consumption in the Sierra Nevada

MAY 2011



range of times of day and days of the week so that a range of fishing activity was represented in the data collected.

Gold Country Angler Survey Questions

- 0) Would you mind participating in this short ten minute survey about fishing?
 - a. If no then the reason for their decline is recorded.
- 1) Have you ever been interviewed before?
- 2) What are you trying to catch today?
- 3) Are you going to eat the fish you catch today?
 - a. If yes, are you going to feed it to your family?
 - b. If no, what are you going to do with the fish you catch?
 - c. Do you ever eat fish that you or someone you know catches?
- 4) About how many times did you go fishing in the last 30 days?
- 5) a. Do you eat (catfish, largemouth bass, smallmouth bass, striped bass, sunfish, bluegill, crappie, rainbow trout, brown trout, kokanee salmon, other fish) that you or someone you know catches?
 - b. How many times did you eat (species listed above) in the last 30 days?
 - c. How much of the (species listed above) did you eat in one meal? (Used plastic models of uncooked fish fillets at sizes 1.5, 4.5 and 7.5 oz (provided by CDPH).)
 - d. Where was the (species listed above) caught?
- 6) In the last 30 days, have you eaten fish that came from stores, markets, restaurants, or cafeterias?
- 7) If yes, in the last 30 days how many times did you eat commercially bought fish? How many times? How much? Where was it bought?
- 8) In the past year, have any children under 18 in your household eaten fish that you or someone you know catches?
- 9) In the past year, have any women between ages 18 and 49 in your household eaten fish that you or someone you know catches?
- 10) In the past year, have any women expecting a child or who have a baby in your household eaten fish that you or someone you know catches?
- 11) Have you ever heard or seen any health warnings about eating fish?
 - a. If yes, do you remember what the warning said? (record exact response)
- 12) Do you remember where you saw or heard this warning?
- 13) Where do you get information about your health, about what is good or bad for you, that you trust?
- 14) If you don't mind, could you tell me how best to describe your race or ethnicity?
- 15) If you don't mind me asking, what is your age?
- 16) What zip code do you live in?
- 17) (Record gender)
- 18) If you don't mind me asking, what is your weight? (Or record weight category)



Eating Fish Safely: Past, Present, and Future Survey in California

Thank you for choosing to participate in the Eating Fish Safely survey. This survey will be collected by your Tribal Environmental Director and will not be available through by any other entity. The partner Tribes are conducting this survey to secure the safety of aquatic resources and water quality. Your name, personal information, and individual results will be held internally and separately from your results. Answers to these questions will be released in aggregate form only.

To further guard your privacy, we will not be asking for your name or collecting any personal information. However, you may provide it as the end of this survey if you want to be available for follow-up questions.

This survey will take about 15 minutes.

* 1. SURVEY #: (Please have survey administrator fill out if not already)

2. Date:

Date / Time

Date

MM/DD/YYYY

* 3. Location of Survey:

4. What is your Tribal Affiliation(s)?

The following questions will ask for information on your gender and age because the most at-risk populations for exposure are "children and females under the age of 46."

5. What is your gender?

 Female Prefer not to answer Preferred gender identity: * 6. What is your age? Under 18 18-45 46+ Prefer not to answer * 7. Have you ever participated in a "Fish Consumption Survey"? Yes No 8. If yes to the question above, which one? Or both? Fishing Eating Fish 	Male
Preferred gender identity: * 6. What is your age? Under 18 18-45 46+ Prefer not to answer * 7. Have you ever participated in a "Fish Consumption Survey"? Yes No 8. If yes to the question above, which one? Or both? Fishing	Female
* 6. What is your age? Under 18 18-45 46+ Prefer not to answer * 7. Have you ever participated in a "Fish Consumption Survey"? Yes No 8. If yes to the question above, which one? Or both?	Prefer not to answer
 Under 18 18-45 46+ Prefer not to answer * 7. Have you ever participated in a "Fish Consumption Survey"? Yes No 8. If yes to the question above, which one? Or both? Fishing 	O Preferred gender identity:
 Under 18 18-45 46+ Prefer not to answer * 7. Have you ever participated in a "Fish Consumption Survey"? Yes No 8. If yes to the question above, which one? Or both? Fishing 	
 Under 18 18-45 46+ Prefer not to answer * 7. Have you ever participated in a "Fish Consumption Survey"? Yes No 8. If yes to the question above, which one? Or both? Fishing 	
 18-45 46+ Prefer not to answer * 7. Have you ever participated in a "Fish Consumption Survey"? Yes No 8. If yes to the question above, which one? Or both? Fishing 	* 6. What is your age?
 46+ Prefer not to answer * 7. Have you ever participated in a "Fish Consumption Survey"? Yes No 8. If yes to the question above, which one? Or both? Fishing 	Under 18
 Prefer not to answer * 7. Have you ever participated in a "Fish Consumption Survey"? Yes No 8. If yes to the question above, which one? Or both? Fishing 	018-45
 * 7. Have you ever participated in a "Fish Consumption Survey"? Yes No 8. If yes to the question above, which one? Or both? Fishing 	O ₄₆₊
 Yes No 8. If yes to the question above, which one? Or both? Fishing 	O Prefer not to answer
 Yes No 8. If yes to the question above, which one? Or both? Fishing 	
No 8. If yes to the question above, which one? Or both? Fishing	* 7. Have you ever participated in a "Fish Consumption Survey"?
8. If yes to the question above, which one? Or both?	Ves
Fishing	No
Fishing	
Eating Fish	Fishing
	Eating Fish

9. Conducted by which organization?



Eating Fish Safely: Past, Present, and Future Survey in California

Historical and Ancestral Consumption

(Fishing, Gathering, and Eating)

10. Where fish or shellfish an important part of your family's diet?

$$\bigcirc_{\mathsf{Yes}}\bigcirc$$

11. What major creeks, rivers, lakes, or other water-bodies were traditionally fished by your family and/or other Tribal members?

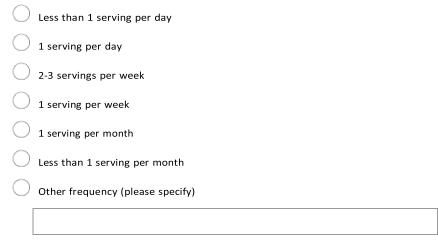
12. Do any of the creeks or waters in your traditional use area dry up in the summer or during drought? (Where as historically they did not before)

13. What kinds of fish or shellfish did your family or Tribal members traditionally eat?

Catfish
Lake Trout
Rainbow/ Steelhead
Fall Salmon
Freshwater Mussels/Clams
Eel/Lamprey Abalone
Crayfish
Sturgeon
Saltwater Mussels/Clams
Silverside
Black or Largemouth Bass
Threadfin Shad
Blackfish
Bullhead
Sucker
Brown Trout
Spring Salmon

Perch
Scallops
Carp
Crappie
Hitch
Mosquito Fish
Sunfish
Rockfish (Brown/ Yellow Eye)
Lingcod
Cabezon (Sculpin)
Surfperch (Surf fish, including Walleye)
Crab
Shark
Halibut
Sea Bass
Surf Smelt
Jack Smelt
Oysters
Shrimp
Others (please list):

14. How much fish or shellfish did your family, ancestors or other Tribal members eat traditionally? (See "what is a serving" image below)



For reference the following are serving sizes per state agencies: The recommended serving of cooked fish is about the size and thickness of your hand

What is a	serving?
For Adults	For Children



Eating Fish Safely: Past, Present, and Future Survey in California

Current Fish Consumption

(Fishing, Gathering and Eating)

15. Do you or other members of your household fish/gather fish or shellfish?

Ves

 \sum_{No}

16. If you gather fish or shellfish (FILL IN THE BLANKS):

a. How many times did you	
fish/gather fish or shellfish	
in the last 30 days	
b. How many times did you	
fish/gather fish or shellfish	
in the last year?	
c. If you have not	
fished/gathered in the last	
two years why not?	

17. Not including you, how many people in your household for each of the following gender/age groups eat fish or shellfish?

Children 1-17	
Women 18-45	
Pregnant Women	
Women 46 and older	
Men 18 and older	

18. How often do you eat fish or shellfish? Click one. (See "what is a serving" image below)

For reference the following are serving sizes per state agencies:

The recommended serving of cooked fish is about the size and thickness of your hand



19. When you do eat fish, how many servings do you consider a meal? (See "what is a serving" image ABOVE for reference)

0	20
0	

20. Are there times of year when you eat more fish or time(s) when you ate significantly more fish in the last year? (i.e. specific seasons, or during family or community events).

Event and servings eaten	
at event:	
Event and servings eaten at event:	
Event and servings eaten at event:	
Event and servings eaten at event:	
Event and servings eaten at event:	

21. What type of fish or shellfish or seafood do you eat from the store, markets, restaurants or commodity program or other commercial source? (Click all that apply.)

	Tilapia		
	Shrimp		
	Scallops		
	Canned Salmon		
	Anchovies		
	Canned Tuna (Chunk light)		
	Crab		
	Cod		
	Salmon		
	Trout		
	King Mackerel		
	Halibut		
	Canned Tuna (Albacore)		
	Snapper		
	Tuna Steak		
	Catfish		
	Swordfish		
	Bass		
	Shark		
	Other(s) (Please list)		
าว บ่	How often do you got fish or shallfish from the store markets restaurants WIC USD	A Commodity pro	ara

22. How often do you eat fish or shellfish from the store, markets, restaurants, WIC, USDA Commodity programs or other commercial source?

\bigcirc	Less than 1 meal per day
\bigcirc	1 meal per day
\bigcirc	2-3 meals per week
\bigcirc	1 meal per week
\bigcirc	1 meal per month
\bigcirc	Less than 1 meal per month
\bigcirc	Other frequency:

23. What type of fish or shellfish do you or your family members catch/gather and eat? (Click all that apply).

Catfish
Lake Trout
Rainbow/ Steelhead
Fall Salmon
Freshwater Mussels/Clams
Eel/Lamprey
Abalone Crayfish
Sturgeon
Saltwater Mussels/Clams
Silverside
Black or Largemouth Bass
Threadfin Shad
Blackfish
Bullhead Sucker
Brown Trout
Spring Salmon
Perch
Scallops

Carp
Crappie
Hitch
Mosquito Fish
Sunfish
Rockfish (Brown/ Yellow Eye)
Lingcod
Cabezon (Sculpin)
Surfperch (Surf fish, including Walleye)
Crab
Shark
Halibut
Sea Bass
Surf Smelt
Jack Smelt
Oysters
Shrimp
Other(s): (Please list)

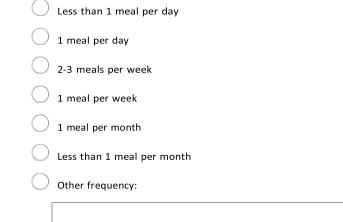
24. If you eat smoked fish or dried fish which types do you eat this way? (Click all that apply)

Salmon (Spring/Fall)	
Eel/Lamprey	
Rainbow/ Steelhead	
Surfperch (Surf fish)	
Other(s):	

25. How often do you eat fish or shellfish caught/gathered by you, a family member or community member?

\bigcirc	Less than 1 meal per day
\bigcirc	1 meal per day
\bigcirc	2-3 meals per week
\bigcirc	1 meal per week
\bigcirc	1 meal per month
\bigcirc	Less than 1 meal per month
\bigcirc	Other frequency:

26. How often do you eat fish or shellfish received as a gift or through trade from a friend or someone who outside of your household?



27. If you catch or gather fish or shellfish yourself how often do you share it or trade it?

0	Less than 1 meal per day
\bigcirc	1 meal per day
\bigcirc	2-3 meals per week
\bigcirc	1 meal per week
\bigcirc	1 meal per month
\bigcirc	Less than 1 meal per month
\bigcirc	Other frequency:
28. V	/ho do you typically share or trade freshwater fish or shellfish with? (Click all that apply).
	Immediate family (household)
	Extended family & friends
	Community members

29. What major creeks, rivers, lakes, or other water-bodies are fished/gathered by you, your family and/or other Tribal members? (Exact fishing locations not required; list major waters).

-10°-
Y

Eating Fish Safely: Past, Present, and Future Survey in California
Changes in Fish Consumption
30. Has your consumption of fish and/or shellfish decreased over your lifetime?
Νο
O _{Not Sure}
31. If your consumption of fish has changed, what would you consider the reason for this change? (Click all that apply
Fish declines
Fish locally extinct
Access to fishing locations
Regulatory Restrictions
Costs/Fees
Lack of time
Streams dried up
Concern about water/fish quality
Don't know/refused
Other (please specify)



Eating Fish Safely: Past, Present, and Future Survey in California

Current Plant and Materials

(Consumption and Use)

32. Do you or anyone else in your household gather any of the following plant or minerals? (Click all that apply).

Tule
Willow
Wormwood
Sedge
Sage
Blue Elderberries
Soap Root
Angelica/Indian Celery
Yerba Mate
Pennyroyal
Watercress
Tobacco
Bullrush
Pepperwood
Redbud
Clay
Dogbane

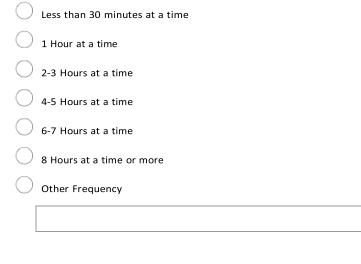
33. List types of the following if you or anyone else in your household gather any of the following:

Seaweed/kelp:	
Acorn:	
Mushrooms:	
Other Berry/Fruit:	
Other Teas:	
Other:	

34. Frequency: How often do you gather the above materials?

\bigcirc	Less than 1 per day
\bigcirc	Once per day
\bigcirc	2-3 times per week
\bigcirc	1 time per week
\bigcirc	1 time per month
\bigcirc	Less than once per month
\bigcirc	Other frequency

35. Duration: For how long each time?





Eating Fish Safely: Past, Present, and Future Survey in California

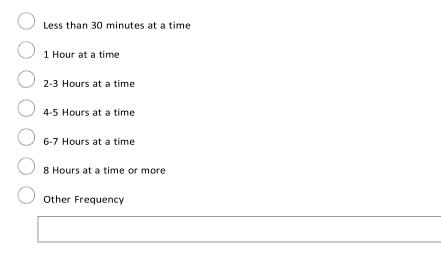
Additional Cultural Activities and Exposure to Toxins in Water

36. What additional activities do you use the lakes, creeks, streams, rivers, reservoirs, ocean, wetlands for? (Swimming, fishing, boating, and ceremonies, etc. -- be as specific as you are comfortable with.)

37. Frequency: How often are you utilizing local waterbodies for these non-fishing or gathering cultural activities?

\bigcirc	Less than 1 per day
\bigcirc	Once per day
\bigcirc	2-3 times per week
\bigcirc	1 time per week
\bigcirc	1 time per month
\bigcirc	Less than once per month
\bigcirc	Other frequency

38. Duration: For how long at a time are you using these waterbodies for non-fishing or gathering activities?



39. During these activities, have you noticed the presence of scum on surface water or discoloration of water?



40. If yes, do you know if there is a health advisory for that waterbody?

41. Have you, others, or pets been directly exposed to the Harmful Algal Bloom (HABs) and experienced any side effects? Such as:

Rashes/skin irritation
Allergy-like reactions, runny nose/sore throat
Sharp, severe stomach pain
Vomiting or diarrhea
Numb limbs, tingling fingers/toes
Liver Damage (May take hours/days to show)

42. Do you have any concerns about the locations you frequently visit? (For example: Are there illegal discharges, known septic leaks, agricultural or storm drain runoff? Location(s)? Please be specific.)

43. Do you know where you would report a HABs (Harmful Algal Bloom) sighting or side-effect?

Thank you for Participating in the Eating Fish Safely Survey!

Can we contact you for follow-up questions via phone or email? (If so, please share your contact information below):

44. Contact info	
Name	
Email Address	
Phone Number	

Our Mailing Address: P.O. Box 2128 Berkely, CA 94702

GENERAL ITEMS

- The goal is for CBOs to target fishers or other community members with the highest consumption rates and to have some knowledge of where they can be found, and to have a good chance of being able to engage with them.
- Will have pre-coded answer boxes of all questions which we have established through your prior experience and practice runs. Give ranges for hard-to-estimate figures.
- Develop protocol for approaching people.
- Keep track of any "survey" data collected at meetings, if this is a form of data collection, and record separately, because the process of sampling is completely different.

SURVEY QUESTIONS

Introduction

Hello, my name is ______. I am doing a survey for the [Community Group Name]. We are gathering information about how much fish and shellfish people catch and eat from San Francisco Bay. The survey will support efforts to promote safe consumption of Bay fish. I am not checking fishing licenses or checking your catch. Your answers will be kept confidential and you don't have to answer all the questions. You will also receive a small gift at the end of the survey (SHOW ITEM).

1) May I talk to you for a few minutes?

2) Have you been interviewed before for this study?

3) Not including today, in the last 4 weeks, what is the total number of times you have

(alternative: how many days have you) gone fishing in the Bay?

4) Why do you go fishing on the Bay? (open-ended with post-hoc categorization)

5) Do you or others consume the fish you catch?

If no:

5a) What do you usually do with your catch? --> end of survey

If yes:

5b) If you couldn't eat fish from the Bay, how hard would it be for you to afford replacing that food with food bought from stores or restaurants? (choices: ranging from not hard to very hard)

5c) Why do you eat fish from the Bay? (choices: to help make ends meet; prefer to eat fish I catch myself; family or cultural tradition; enjoy fishing; other)

Consumption

6) Do you eat fish that you or someone you know catches from the Bay?

7) How many years have you been eating fish that you or someone you know has caught from the Bay?

8) In the last 4 weeks, how many times did you eat fish that you or someone you know caught from the Bay?

9) This is a model of 8 ounces (half pound) of raw fish fillet [SHOW MODEL]. When you eat a meal that includes fish from the Bay, is the amount that you eat: about this size, more, less

Species

10a) I have some pictures of fish that can be caught from the Bay [USE THE ADVISORY POSTER]. Looking at these pictures, please show me which fish you have eaten in the last 4 weeks. Again, these are the fish you ate in the last 4 weeks which you caught or someone you know caught from the Bay. The fish could have been fresh, frozen, dried, canned or smoked.

10b) How many times have you eaten this fish in the last 4 weeks?

10c) What do you call this?

10d) What is the approximate length in inches of the fish of this species that you eat?

10e) Which parts of this species do you eat?

10f) How do you prepare and cook this species?

10g) Are there any other fish from the Bay that you or someone you know catches that you ate in the last 4 weeks for which I don't have pictures?

10h) How many times have you eaten this fish in the last 4 weeks?

10i) What do you call this?

10j) What is the approximate length in inches of the fish of this species that you eat?

10k) Which parts of this species do you eat?

10l) How do you prepare and cook this species?

Locations

11) How often do you fish at this location?

- 12) At what Bay location do you fish the most? How often do you go there?
- 13) Second most? How often do you go there?
- 14) Third most? How often do you go there?

Information on Household Members and Others Who Consume the Fish

15) Who in your household eats the fish that you or someone you know catches from the Bay? (check all that apply: yourself, women age 18-45, etc.)

15a) Do the women aged 18-45 eat similar amounts of Bay fish as you? If not, how is their consumption different?

15b) Do the children aged 1-17 years in your household eat similar amounts of Bay fish as you? If not, how is their consumption different?

16) How many people altogether, including yourself, are in your household?

17) Who in your household usually cooks or prepares the fish you catch and eat from the Bay? (check all that apply: yourself, family member [specify], etc.)

18) Who outside of your household eats the fish that you or someone you know catches from the Bay? (check all that apply: yourself, women age 18-45, etc.)

18a) Do the women aged 18-45 eat similar amounts of Bay fish as you? If not, how is their consumption different?

18b) Do the children aged 1-17 years in your household eat similar amounts of Bay fish as you? If not, how is their consumption different?

Risk Communication

19) Have you heard or seen any information or health advisories about the pros and cons of eating fish from the Bay?

What did the information say about fish from the Bay?

20) Has the information you have heard or seen about eating fish from the Bay caused you to change your fish eating habits?

20a) If yes, how have you changed your fish eating habits? If no, why not? 21) What is the best way for you to get information about catching and eating fish from the Bay? (check all that apply: friend/family, sign, fishing regulations, etc.) [maybe delete this one?]

Fisher Characteristics

Q22. What is your racial or ethnic background?

- Q23. What year were you born?
- Q24. What is the highest grade in school you have completed?
- Q25a. Is your total yearly household income greater than \$xx,000 per year? Q29b. greater than \$xx,000?

Q26. Gender of respondent

Q27. Where do you live? What is your zipcode?

Closing

That's all the questions I have. In order to thank you for your participation, we would like to give you a small gift (OFFER GIFT). We'd also like to enter your name into a drawing. You will be eligible to win a \$xx Safeway gift card. If you would like your name entered, we will take down your name, address, and phone number. We can also send you information about the results of this survey when they become available. My supervisor may also contact you to check my work or for some further follow-up.

Q28. Would you like to have your name entered into the drawing?

Q29. Would you like us to send you information about the results of our survey when they become available?

Q30. May my supervisor contact you?

Q31. I'd also like to give you some information about the current advisory for the Bay (OFFER COPY OF ADVISORY PAMPHLET)

Questions for Discussion at the Workshop

- Do we want to gather information on fishing mode? shoreside structure [no license required], shoreline, private boat, charter boat
- Do we focus on interviewee's consumption of Bay-caught seafood v. consumption of seafood that angler catches from the Bay and consumes? SFEI suggestion: the former
- Include a separate section of questions on product forms consumed? (fresh, frozen, dried, canned or smoked)
- Also include questions regarding species consumed over the past year (species availability may vary seasonally)? What is the best recall period to use for the purposes of this study? 4 weeks for consistency with 2000?