

# **APPENDIX A. ECOSS INTERVIEW PARTICIPANTS AND SURVEY FORM**

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**Table A-1. Summary of Task 2 Interview Participants**

Community	Community Organizations or Groups Represented	Number of Contacts Identified	Number of Interviews Conducted <sup>a</sup>	Reasons Why Interviews Were Not Conducted
Filipino	community members including representatives from the Filipino Community of Seattle and a former coordinator for the Department of Neighborhoods Community center	4	2	did not contact (n = 2)
Vietnamese	community members including fishers and representatives from the Vietnamese Catholic Church, Vietnamese Temples, Catholic Community Services, Vietnamese Community Liaison, and Vietnamese Friendship Association	13	7	did not contact (n = 2); declined interview request (n = 2); unable to schedule interview (n = 2)
Hmong	community members including representatives from the Hmong Senior Club Group, Seattle P-Patch, and Hmong Association of Washington	6	4	unable to schedule interview (n = 1); did not interview, but will contact for pilot (n = 1)
Cambodian (Khmer)	community members including fishers and representatives from the Khmer Community of Seattle King County, South Park Temple, and King Donut	8	4	did not contact (n = 2); declined interview request (n = 1); unable to schedule interview (n = 1)
Laotian	community members including fishers, church leaders, and representatives from WSU Extension, Highline Community College, Coalition of Lao Mutual Assistance, and Lao Senior Club Community	7	3	did not contact (n = 2); declined interview request (n = 1); unable to schedule interview (n = 1)
Mienh	community members including fishers and Mienh elders	9	9	na
Thai	community members including fishers and representatives from the Asian Counseling and Referral Service and the Asian Pacific American Affairs	3	2	unable to schedule interview (n = 1)
Japanese	community members including representatives from Tengu and Linc Fishing and Tackle	3	1	declined interview request, but referred a customer of his bait shop for inclusion in the interview list (n = 1); unknown reason (n = 1)
Korean	community members including a representative from the Korean Women's Association	3	2	did not contact (n = 1)
Chinese	community members including fishers and a representative from the Chinese Information and Resource Center	3	1	unable to schedule interview (n = 2)
Mexican, Central, and South American	community members including fishers and representatives from the Latino Community Fund, SeaMar Community Health Centers, Consejo, Casa Latina, South Park Information & Resource Center, and Holy Family	12	6	did not contact (n = 3); declined interview request (n = 2); unable to schedule interview (n = 1)

Community	Community Organizations or Groups Represented	Number of Contacts Identified	Number of Interviews Conducted <sup>a</sup>	Reasons Why Interviews Were Not Conducted
Mongolian	none identified	0	0	no community representatives identified
Somali and East African	community members including fishers and representatives from Somali Masjid, Abu Bakar Mosque, Ethiopian Community, Horn of Africa, Ethiopian Community Center, Eritrean Community of Seattle and Vicinity, King County Public Health, and New Hope School & Mosque	12	7	did not contact (n = 2); unable to schedule interview (n = 3)
Somali Bantu	community members including a representative from the Somali Bantu Association of Washington	1	0	did not contact (n = 1)
Burmese (Karen, Kareni, Chin)	community members including a representative from the Burmese Mutual Assistance Association of Washington	2	0	did not contact (n = 1); unable to schedule interview (n = 1)
Bhutanese	community members including representatives from the International Rescue Committee, Bhutanese Community Resource Center, and St. Thomas Catholic Church	3	1	did not contact (n = 1); declined interview request (n = 1)
Bosnian	community members including fishers and a representative from Bosnian Counselor at Refugee Federation Service Center	1	1	na
Russian	none identified	0	0	no community representatives identified
Homeless	people from the homeless community and representatives from Real Change and Nickelsville	5	3	did not contact (n = 2)
Other organizations or groups	fishers, a University of Washington School of Public Health and Community Medicine Graduate who did research on urban fishing, and community representatives from organizations including DRCC/TAG, White Center Community Development Association, Southwest Youth & Family Services, South Park Neighborhood Association, South Park Service Providers, Georgetown Community Council, Providence Regina House, South Park Seniors, Solid Ground, Seattle Chinatown International District - Preservation District & Authority, Rainier Valley Food Bank, South Park Marina, Duwamish Yacht Club, and Seattle Indian Health Board	17	6	did not contact (n = 6); unable to schedule interview (n = 5)

<sup>a</sup> Some interviews were conducted with multiple people, and thus the number of interviews indicated in this table does not match the number of interview records discussed in Section 3 (n = 54).

DRCC/TAG – Duwamish River Cleanup Coalition/Technical Advisory Group

na – not applicable

## Fall 2013 ECOSS Interview Form (to serve as general guide, not as a script)

### Background (optional information to provide interviewee):

- ◆ *The Duwamish River flows through Tukwila and South Seattle into Elliott Bay at Harbor Island, by downtown Seattle. The Duwamish River has become polluted over time by industrial and urban activities, but efforts are now underway to clean it up. Seafood consumption advisories are in effect and will remain in effect during and even after cleanup. Seafood consumption advisories are notices that some types of seafood may not be safe to eat because of pollution.*
- ◆ *We are working on a study to better understand how the Duwamish River is currently being used by people who catch and eat the river's fish and shellfish, and what is currently known by the community about the health risks from eating resident seafood collected from the Duwamish River (e.g., fish and crabs that spend most of their lives in the Duwamish). The survey will begin in 2014 and will take place over the course of a full year. This will allow us to examine variation in fishing behavior associated with changes in the seasonal availability of fish. The current plan is to conduct most of the surveys along the river by talking to people fishing, crabbing, or clamming on the Duwamish River. We are also interested in learning if fishers share the seafood they catch with others so we can improve communications with all people who might eat seafood from the Duwamish River.*
- ◆ *Note that the focus of the study is on the consumption of resident seafood, which does not include migratory adult salmon, which just pass through the Lower Duwamish River on their way upstream to spawn. Because salmon spend so little time in the Duwamish they are lower in contaminants than resident seafood and are the healthiest choice.*
- ◆ *The information collected during the survey will be used to improve how fish consumption advisories are communicated and how community outreach efforts about the risks of eating resident seafood from the Duwamish can be improved. Since the levels of contaminants vary in different types of seafood and some methods of preparation can minimize the contaminants eaten, we are interested in what types of seafood people are eating and how they prepare it. We would like your help in planning this survey.*

ECOSS interviewer name: \_\_\_\_\_

Interview date, time, location: \_\_\_\_\_

Interviewee organization/group representing, if applicable: \_\_\_\_\_

Demographic information of interviewee

*(Specify whether interviewee is asked directly or responses are based on interviewer observation)*

Age: \_\_\_\_\_ Male/Female: \_\_\_\_\_

Neighborhood or home ZipCode: \_\_\_\_\_

Language(s) other than English? If yes, which one(s): \_\_\_\_\_

**\*\* Please check box next to question if it was asked. Questions with asterisks(\*) are top priority if the entire interview cannot be completed. \*\***

\* **Q1: Do you fish, crab or clam on the Duwamish River?** *(Use map to ID Duwamish if needed, as well as zones of the Duwamish, and pictures of Duwamish seafood on advisory signs)*

If so: Do you eat your catch? YES / NO

Do you share your catch? YES / NO

Which zone(s) do you fish in?

If you DO NOT catch the seafood from the Duwamish River, do you eat seafood others share with you?

Q1a: If NOT, do you know someone who does who might be willing to talk to us?

Q1b: If NOT, do members of your community fish or crab in or eat fish or crab caught in the Duwamish, and might you be able to answer some general questions about how to approach members of your community as part of this survey (including Q1 above)?

Question 1 Notes:


**\*□Q2: APPROACHING FISHERS ON THE WATER.**

Our intention is to conduct most of the surveys on the Duwamish River, by approaching people while they are fishing, crabbing or clamming. There would be one or two surveyors at a time, mainly members of ECOSS staff wearing shirts or hats identifying themselves as such.

**Do you have ideas or concerns about this approach?**

**What do you recommend we do to make people who are fishing, crabbing, or clamming comfortable and encourage them to participate in the survey?**

**How should we approach them? What is a good introductory phrase or gesture our surveyors can use to get a positive response from members of your community?**

**Are there times (months, times of the day, or days of the week) where you or fishers that you know often like to go fishing? Squid jigging? Crabbing? Or clamming in the River?**

**Are there other venues where we can reach fishers from your community (e.g., bait shop)?**

Question 2 Notes:

**□Q3: LANGUAGE CAPABILITIES/TRANSLATION:**

**If English is not your first language, how important is it that the surveyor speaks your first language?**

**If we are unable to have surveyors who speak your language, would it be helpful to have a translated version of the survey?** *(We can note that we intend to try to have native speakers on site, but this may not always be possible.)*

**If you are approached to take a survey while you are fishing/crabbing, would you prefer to take a survey with someone asking the questions (orally) or to fill out the survey questionnaire yourself (self-administered)?**

**Is the Duwamish River known in your community by any other informal names?**

Question 3 Notes:

**□Q4: INCENTIVES TO PARTICIPATE:**

We intend to offer survey participants \$ 10 gift cards for their time to take the survey. At this time, the gift cards we are able to provide are to Safeway and Fred Meyer.

**If we were able to offer more choices, where do you think people would like the gift cards to be from?**

**Is there anything else we could do to encourage participation?** *We will be conducting surveys over a full year, so some people may be surveyed several times.*

**Q4a: WHY PEOPLE FISH:**

**We would also like to ask people why they fish or crab. Do you have some suggestions for options we might give as answers to this questions (e.g., recreation, like to eat fresh seafood, family activity)?**

**We would also like to ask fishers what they will do with their catch (specifically if they will share their catch with other adults [especially women] or children), and what they know about how it will be prepared.**

**We might also like to ask where else they fish besides the Duwamish.**

**Do you think people would be willing to share this kind of information?**

Question 4 Notes:

**Q5: BEHAVIORS THAT WOULD CREATE BARRIERS TO PARTICIPATION:**

What are some specific behaviors to avoid when recruiting survey participants and asking study questions? What are some sensitivities to keep in mind when we are carrying out the survey?

For example, would looking like someone from the government be a negative?

Would it be better to approach people directly, or to wait a few minutes?

We need to develop a basic understanding about what types of resident seafood people might be taking home. If we ask first, do you think people would mind if we looked at their catch? Would it be better to just ask them about what they have been catching lately?

Because this survey will take place over a one year period, will it bother people if they are asked some basic questions (like: Why do you fish?) multiple times? Would it be better to have a shorter form of the survey for those who have already taken the survey once?

Question 5 Notes:

**\*□Q6: RISK PERCEPTIONS:**

We would like to ask people if they are concerned about the safety of eating Duwamish seafood. We would also like to know how (or if) people get information on health risks associated with eating resident seafood from the Duwamish River.

Are there other, better ways to provide information that would be trusted? Do you have suggestions for these choices that should be included in the survey (e.g., newspaper, internet blog, etc.)

If we ask people specifically about their awareness of Duwamish seafood advisories, do you think they will not want to talk to us again if we approach them weeks or months later during the survey when they are fishing?

Do you have ideas that might make people more comfortable about this and clarify that participants will not get in trouble or be judged if they are fishing?

Question 6 Notes:

**\*□Q7: IDEAS TO CONTACT OTHERS WHO EAT FISH OR CRAB FROM DUWAMISH BUT DO NOT CATCH IT:**

We are also interested in talking with people who may not fish or crab themselves, but who may eat resident Duwamish seafood caught by others.

**Do you have ideas about how we might contact these people?**

Question 7 Notes:

**□Q8: ADDITIONAL INFORMATION:**

**What questions do you think people may have for the surveyors (e.g., about Duwamish cleanup, fish consumption advisories, etc.)?**

Question 8 Notes:

**\*Q9: STAYING INVOLVED IN THE STUDY:**

**Are you interested in staying involved in this study? How would you like to be kept informed?**

**Would you prefer a website, email, telephone, or in-person meetings?**

**Are there others from your community who we should be talking with and keeping informed?**

NAME	PHONE	EMAIL	Language preference

**What would be the best way to do this?**

*(We can note that there will be opportunities to provide feedback on the study design, including the pilot version of the survey, and we can provide updates during the year-long study, as well as a summary of study findings.)*

Question 9 Notes:

**□ Q10: HELPING WITH THE PILOT:**

**This would be helpful even if you are not a fisher yourself, as we need to make sure the questions are clear and culturally acceptable. The pilot study will probably take about 30 minutes, and we will start in early 2014. A gift card will be provided to participants. (If yes, interviewer should ask for contact information if we do not have it already.)**

**Would you be willing to help us further with this study by taking a pilot version of the survey?**

**Are there other people you would recommend we talk with about helping with the pilot?**

**Other community contacts:**

NAME	PHONE	EMAIL	Language preference

Question 10 Notes: