
Duwamish Fishers Study Third Quarterly Update Meeting

August 3, 2015

Lower Duwamish Waterway Group

Port of Seattle / City of Seattle / King County / The Boeing Company

Agenda

- Welcome and Introductions
- Third Quarter Update
 - Survey progress to date
 - Summary statistics
- Other Topics
 - T-105 update
 - Key informant interview progress
 - Next steps
- Questions and Comments



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Third Quarter Update

Survey Progress (1 of 2)

- Third quarter complete
 - Total of 24 survey days as planned
 - 6 days each in April and May;
 - 12 days in June
- Total of 26 surveys administered in 3rd quarter
 - 25 survey conducted at Spokane St Bridge (96%)
 - 1 survey conducted at a Tier 2 location (Duwamish Waterway Park)
 - 21 surveys were verbally-administered (81%)
 - Short version of survey (for repeat survey takers) was used 6 times (23%)
 - About one-third of survey takers were willing to answer additional questions (n=9)



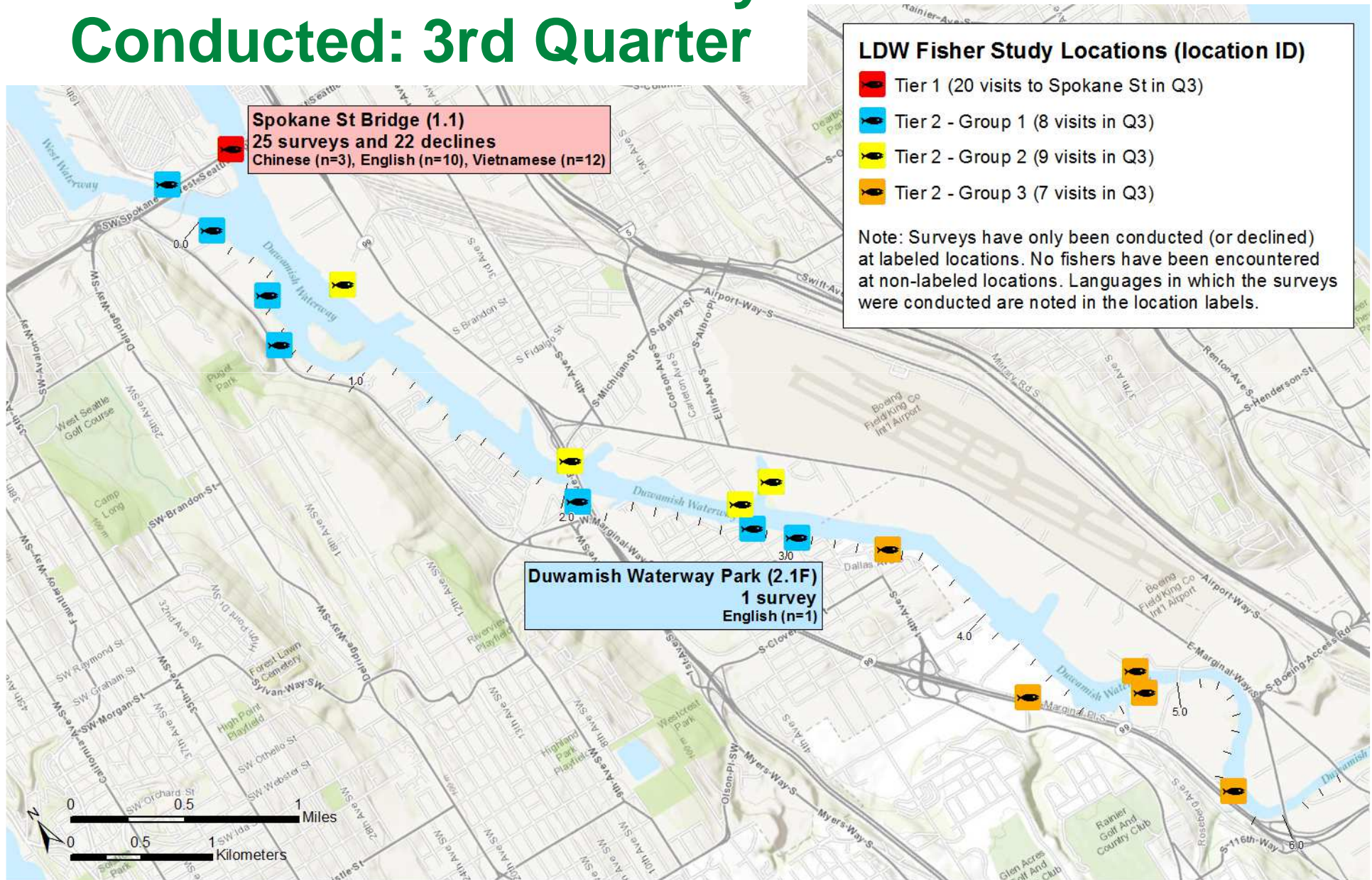
Survey Progress (2 of 2)

- Languages used in 3rd quarter:
 - English – 11 conducted in English (42% of Q3 surveys), all verbally administered
 - Vietnamese – 12 total (46% of Q3 surveys), 3 of which were self-administered
 - Chinese – 3 total (12% of Q3 surveys), 2 of which were self-administered
- 54% success rate in fishers agreeing to take survey
 - 22 declines
 - Most declines because people don't have time or are not interested
 - Some because no common language on that survey day (Vietnamese or Tagalog) and fisher did not want to take self-administered survey.

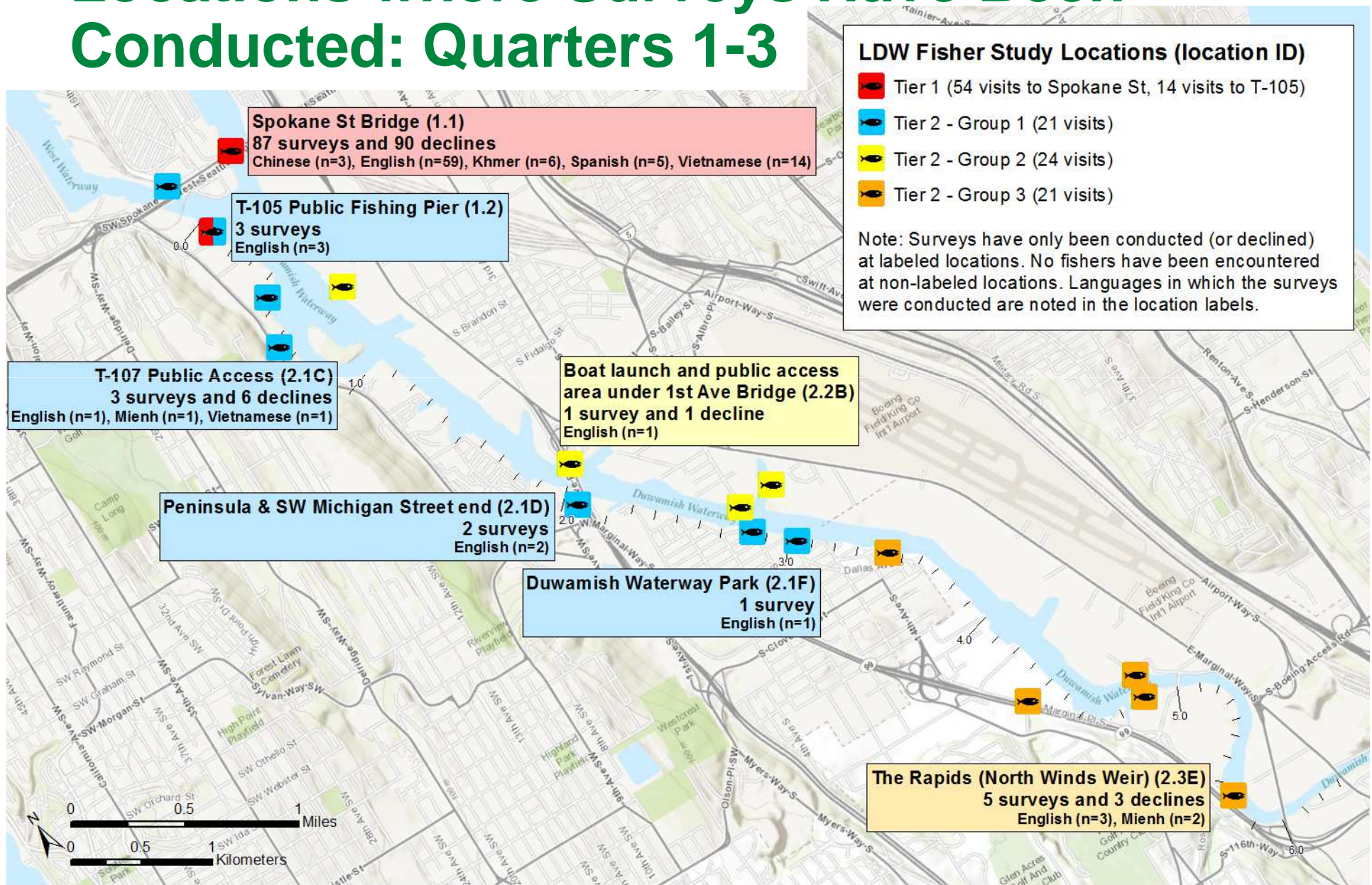
Summary by Month

Statistic	First Quarter				Second Quarter				Third Quarter			
	Oct	Nov	Dec	Total	Jan	Feb	Mar	Total	Apr	May	June	Total
Total no. surveys conducted	51	18	7	76	0	0	0	0	2	10	14	26
Surveys per field day	8.5	3.0	1.2	4.2	0	0	0	0	0.3	1.7	1.2	1.1
Number of surveys by location												
Spokane St. Bridge	43	14	5	62	0	0	0	0	2	10	13	25
T-105	2	0	1	3	0	0	0	0	-	-	-	-
Tier 2 locations	6	4	1	11	0	0	0	0	0	0	1	1
No. unsuccessful survey attempts	49	27	0	76	0	1	0	1	1	8	13	22
Success rate	51%	40%	100%	50%	na	0%	na	0%	67%	58%	52%	54%

Locations where Surveys Have Been Conducted: 3rd Quarter



Locations where Surveys Have Been Conducted: Quarters 1-3



Summary of Languages

Summary of the languages used for survey administration thus far (quarters 1 to 3):

Language	1 st Quarter (Oct-Dec)	2 nd Quarter (Jan-Mar)	3 rd Quarter (Apr-June)	Overall
English	59	-	11	70
Vietnamese	3	-	12	15
Khmer	6	-	-	6
Spanish	5	-	-	5
Mienh	3	-	-	3
Chinese	-	-	3	3
Total surveys	76	0	26	102

Summary of Species

Summary of species survey respondents have reported fishing for either on the survey day or in the past few years (quarters 1 to 3):

Species	1 st Quarter (Oct-Dec)	2 nd Quarter (Jan-Mar)	3 rd Quarter (Apr-June)	Overall
Salmon	74	-	8	82
<i>(Salmon only)</i>	<i>(53)</i>	-	<i>(1)</i>	<i>(54)</i>
Resident fish	31	-	10	41
Bait fish / small fish	2	-	17	19
Herring	1	-	9	10
Crab	8	-	-	8
Squid	4	-	-	4
Shrimp	2	-	-	2
Clams	1	-	-	1



Summary of Ethnicities

Summary of the ethnicities for individuals who reported fishing for resident seafood and for which ethnicity information was available; quarters 1 to 3 (n = 36):

Asian/Pacific Islander Populations	
Ethnicity	Count
Vietnamese	13
Filipino	4
Cambodian/Khmer	3
Chinese	3
Hmong	1
Lao	1
Mienh	1
Samoan	1
Thai	1

Other Populations	
Ethnicity	Count
White/Caucasian	5
American Indian / Alaskan Native	2
Black / African American	2
Latino	2
French	1
Italian	1

Note – some individuals reported more than one ethnicity.

Other Topics

T-105 Update

- March to May –
Replaced planned visits to T-105 with visits to the Spokane St. Bridge.
- June to September
(summer months) –
 - Replaced planned visits to T-105 with “double Tier 2 days” (surveyors visit 2 groups of Tier 2 locations in a single day)
 - T-105 added to Group 1 of the Tier 2 locations
- No fishers have been seen at T-105 since the fishing pier was closed.



Key Informant Interview Update

- Key informant interview memorandum submitted to EPA/Ecology on June 2.
- Revised key informant interview memorandum submitted to EPA/Ecology on July 21 to address EPA/Ecology's June 30 comments.
- Working to finalize the memorandum.
- Upcoming –
 - Key informant interview training will be conducted once go-ahead is received from EPA/Ecology.
 - Key informant interviews will then be conducted.

Next Steps

- Conduct final quarter of survey (July to September)
- Continue the key informant interview process
- Meeting this fall to discuss:
 - All survey results (including Q4)
 - Meeting will be held after all data have been entered into the database

Thank you!

- Questions?
- Comments?

