

Table 1 – Juvenile Salmon Survey Dates

Date	Site Visit	Above Water Observations	Snorkeling
April 30	*	* ¹	
May 13		*	*
May 28-30		*	
June 8		*	*
June 17		*	
July 2		*	*

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¹ Non-systematic observations were made on this date

Table 2 – Description of Floating Home Complexes in the Study Area

Complex	Location	Habitat Description		
		Shoreline	Nearshore	Middle-Outer Complex
1	East Lake Union	Steep banked, armored, partially vegetated, with ground cover vegetation. Homes within 3 m of shore.	No natural beach, but low to moderate grade nearshore. 0 to 1 m of depth between shore and 1st floating home. Sediments composed of layer of silts/silty sands underlain with cobble and rubble.	Open water channel between homes ~15 m wide. Outer edge approximately 100m from shoreline. 17 homes in complex.
2	East Lake Union	Shoreline Park (Lynn Street Park) composed a low gradient sandy natural beach between floating home community and condominium. Beach approximately 45 m wide between structures.	Low gradient beach composed of sand, gravel, and rocks (small individual riprap).	Station opens to a relatively wide-open channel between the floating homes and condo. One of the widest study area stations. Outer edge approximately 50 m from the shoreline. 7 floating homes in complex.
3	East Lake Union	Steep banked, but well vegetated and shaded. Rather narrow site with homes within 3 m of shore	No natural beach, but low to moderate grade nearshore. 0 to 1 m of depth between shore and 1st floating home. Sediments composed of layer of silts/silty sands underlain with cobble and rubble	Open water channel between homes ~12 m wide. Outer edge approximately 95 m from shoreline. 17 homes in complex.
4	East Lake Union	Cadranell Complex – Developed as a “habitat friendly” lower density floating home community. Natural low gradient gravel/cobble beach vegetated with indigenous riparian vegetation.	Low gradient beach continues through the nearshore; substrates gravel/cobble with thin layer of silts on surface. Space between shore and floating homes greater than 20 m. Raised and grated gangway allowing light penetration to nearshore before reaching float that leads to homes.	Complex composed of 5 homes; smallest complex studied; furthest from shoreline. Outer edge approximately 60m from the shoreline.
5	East Lake Union	Shoreline vegetated and shaded with many adult deciduous trees, many overhanging, though banks are relatively steep.	Moderate grade in nearshore dropping to relatively deep water (>3 m) within 15 m from shore.	Space between homes is relatively narrow, but large embayments of open water are present. Outer edge approximately 125 m from the shoreline. 20 homes in complex.

Table 2 – Description of Floating Home Complexes in the Study Area (cont.)

Complex	Location	Habitat Description		
		Shoreline	Nearshore	Middle-Outer Complex
6	Portage Bay	Shoreline developed with concrete/asphalt to waters edge. Some open vegetated areas.	Nearshore rather narrow and enclosed. <3 m from shore to first home. Silty sediments	Homes relatively close together; <3 m channels of open water. Outer edge approximately 110 m from the shoreline. 19 homes in complex.
7	Portage Bay	Vegetated shoreline with mature deciduous trees and shrubs. Many overhanging trees. Open areas between shore and homes highly variable form 3 to 15 m	Nearshore moderate grade, usually less than 1.5 m deep to first floating home. Substrates mostly fine sands/silts underlain with gravel	Relatively narrow channels of open water between home complexes; ~6 m. Outer edge approximately 135 m from the shoreline. 10 homes in complex.
8	Ship Canal	Shoreline highly vegetated; some overhanging, though banks of moderate to steep grades. Highly narrow, enclosed nearshore; homes <3 m from shore.	Sediments composed principally of silts underlain with gravel and cobble. Moderate grade continues into nearshore. Relatively narrow open water channels between floating homes, ~3 m	Outer edge approximately 55 m from the shoreline. 9 floating homes in complex.
9	West Lake Union	Highly developed shoreline; boardwalk along some parts of shore. Substantial vegetation along shore and landward. Relatively enclosed nearshore with moderate grade. First home approximately 2 m from shore. Thin silty sediment layer underlain by gravel/cobble/rubble.	Open water areas between houses very narrow, often <1.5 m.	Outer edge approximately 100 m from the shoreline. 14 homes in complex.
Reference	Gas Works Park	Eastern shore of park is a low gradient beach composed of sand/gravel, extending into the nearshore. Long beach, extending approximately 200 m with no overwater structures	Sand gravel substrates with a shallow gradient. Thin layer of silt on top of sand and gravel.	Snorkel surveys conducted transects until bottom could no longer be observed from surface, approximately 15m from the shoreline.

Table 3 – Water Quality Parameters

Date	Temperature (°C)	Dissolved Oxygen (mg/l)	Turbidity (NTU)
13-May	10.9-12.6	9.75-11.9	0.14-2.78
28-May	16.8-17.9	9.80-11.4	0.66-2.22
8-Jun	19.0-20.5	8.90-10.10	0.93-1.51
17-Jun	20.3-20.6	----	1.10-2.31
2-Jul	19.4-20.4	7.87-8.97	1.13-3.20

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Table 4 – Results of Overwater and Snorkel Observations

	Floating Home Complexes										Gas Works Park (Reference)
	1	2	3	4	5	6	7	8	9	Total	
Species											
Above Water Observations											
Threespine Stickleback	193	37	15	131	10	57	886	110	58	1497	57
Smallmouth bass	0	11	4	68	0	3	31	36	34	187	0
Yellow Perch	4	0	0	4	0	12	2	5	0	27	
Sunfish	0	1	0	0	0	0	0	0	0	1	1
Juvenile salmonids	0	~200	0	0	0	0	0	0	0	~200	0
Snorkel Observations											
Threespine Stickleback	15	0	0	50	57	5	112	0	2	241	117
Smallmouth bass	3	0	0	15	0	2	8	10	10	48	4
Yellow Perch	0	0	0	1	0	0	2	0	0	3	2
Sunfish	0	0	0	0	0	0	0	0	0	0	2
Prickly Sculpin	0	0	0	1	0	1	1	1	1	5	0