ENVIRONMENTAL SENSITIVITY INDEX MAP

132°00′ 57°00′ — 130°00′ 57°00′

SENSITIVE BIOLOGICAL RESOURCES

FISH
- Pacific Herring Spawning
- Eulachon Spawning
- Cutthroat Trout
- Anadromous Fish Streams

SHELLFISH
- Geoducks

BIRDS
- Shorebirds
- Waterfowl

MARINE MAMMALS
- Seals/Sea Lions
- Sea Otters

TERRESTRIAL MAMMALS
- Black/Brown Bears

Eagle Nest Surveys Not Completed

56°00′ 132°00′ — 130°00′

Scale 1:280000

5 0 5 10 15 Kilometers

SENSITIVE BIOLOGICAL RESOURCES

Bradfield Canal

ENVIRONMENTAL SENSITIVITY INDEX MAP

132°00′ 57°00′ 130°00′ 57°00′

HUMAN USE OF BIOLOGICAL RESOURCES

FISH

Fishing Areas

SHELLFISH

Crabs

Shrimp

HUMAN USE FEATURES

L Log Storage Area

56°00′ 132°00′ 56°00′ 130°00′

Scale 1:280000

5 0 5 10 15 Kilometers

HUMAN USE OF BIOLOGICAL RESOURCES

Bradfield Canal

BRADFIELD CANAL - BIOLOGICAL RESOURCES

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Laying	Hatching	Fledging
11	Shorebirds			HIGH				X	X			X	X	X			-	-	-	-
	Waterfowl			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	-	-	-
12	Shorebirds			HIGH				X	X			X	X	X			-	-	-	-
	Trumpeter swan			HIGH													-	-	-	-
	Waterfowl			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	-	-	-

FISH:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
1	Coastal Cutthroat trout			HIGH	X	X	X	X					X	X	X		-	-	-	-	-
2	Pacific herring			HIGH			X	X	X								MAR-MAY	-	-	-	-
3	Pacific herring			HIGH													-	-	-	-	-
6	Eulachon			HIGH			X	X	X								MAR-MAY	-	-	-	-

M_MAMMAL:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Mating	Calving	Pupping	Molting
13	Harbor seal			<100	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-JUN	AUG-SEP
40	Harbor seal				X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-JUN	AUG-SEP

T_MAMMAL:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D
14	Black bear			HIGH				X	X	X	X	X	X			
	Brown bear			HIGH				X	X	X	X	X	X			
15	Black bear			HIGH							X	X	X			
	Brown bear			HIGH							X	X	X			
16	Black bear			HIGH				X	X	X						
	Brown bear			HIGH				X	X	X						
17	Black bear			HIGH							X	X	X			

BRADFIELD CANAL - HUMAN USE RESOURCES

BIOLOGICAL RESOURCES:

FISH:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
4	Pacific herring			HIGH			X	X	X								MAR-MAY	-	-	-	-
8	Chinook salmon			HIGH			X	X	X	X	X	X	X	X			-	MAR-SEP	-	-	-
	Chum salmon (dog)			HIGH			X	X	X	X	X	X	X	X	X	X	AUG-DEC	MAR-SEP	-	-	-
	Sockeye salmon (red)			HIGH			X	X	X	X	X	X	X	X			-	MAR-SEP	-	-	-
9	Chinook salmon			HIGH			X	X	X	X	X	X	X	X			-	MAR-SEP	-	-	-
	Chum salmon (dog)			HIGH			X	X	X	X	X	X	X	X	X	X	AUG-DEC	MAR-SEP	-	-	-
	Coho salmon (silver)			HIGH			X	X	X	X	X	X	X	X			-	MAR-SEP	-	-	-
	Pink salmon (humpy)			HIGH			X	X	X	X	X	X	X	X	X	X	AUG-DEC	MAR-SEP	-	-	-
50	Coho salmon (silver)			HIGH			X	X	X	X	X	X	X	X			-	MAR-SEP	-	-	-
52	Pink salmon (humpy)			HIGH			X	X	X	X	X	X	X	X	X	X	AUG-DEC	MAR-SEP	-	-	-

INVERT:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Spawn/Mate	Eggs	Larvae	Juveniles	Adults
20	Dock shrimp			HIGH													-	-	-	-	-
	Humpy shrimp			HIGH													-	-	-	-	-
	Ocean pink shrimp			HIGH													-	-	-	-	-
	Spot shrimp			HIGH													-	-	-	-	-
22	Tanner crab			HIGH													-	-	-	-	-
24	Dungeness crab			HIGH													-	-	-	-	-

Biological information shown on the maps represents known concentration areas or occurrences, but does not necessarily represent the full distribution or range of each species. This is particularly important to recognize when considering potential impacts to protected species.