Landing on Attribute Evolutions

BIBI Scoring

Shellfish Growing Areas

Fish Passage Barriers

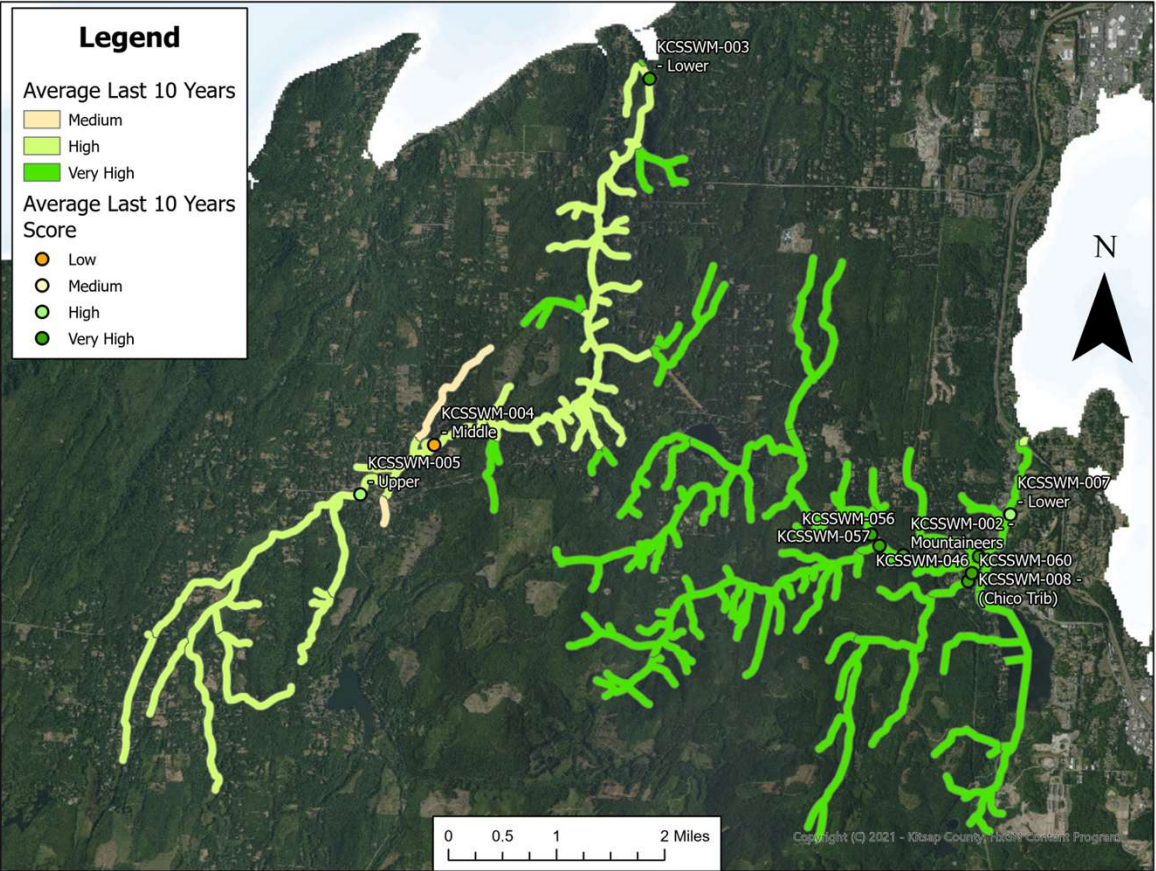# BIBI Scoring

Attribute	Indicator	Condition Rating				
		Very Low	Low	Medium	High	Very High
S2. Biological condition (B-IBI)	Aggregated B-IBI score for stream	≤ 20	21-40	41-60	61-80	81-100

- Take the average score for the last 5 samples at each station no more than 10 years back.
- Assign MUs all sampling stations downstream.
- Natural breaks in stream connection done by hand (i.e., lakes separate BIBI connection to upstream MU).

BIBI Scoring Data

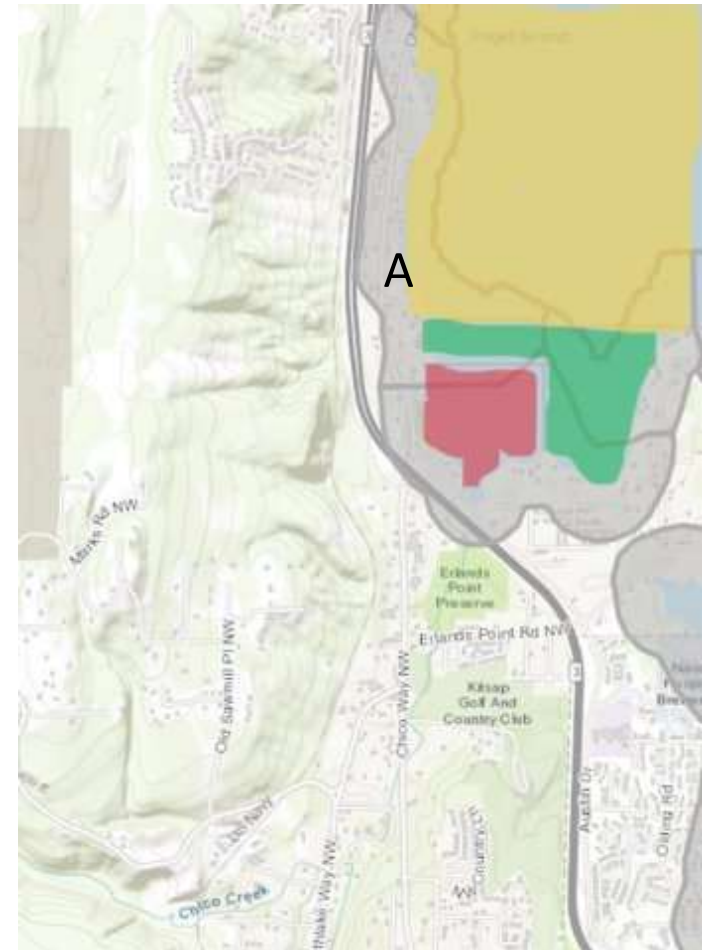| ID	Watershed	MU ID	BIBI Station	BIBI Score	MU Average	AverageScore	TenYrAvgbyMU
19	Big Beef	S_289	KCSSWM-004 - Middle	30.6	59.73333333	30.6	61.50888889
14	Big Beef	S_786	KCSSWM-004 - Middle	30.6	53	30.6	55.53
12	Big Beef	S_41	KCSSWM-004 - Middle	30.6	53	30.6	55.53
3	Big Beef	S_33	KCSSWM-004 - Middle	30.6	59.73333333	30.6	61.50888889
16	Big Beef	S_31	KCSSWM-004 - Middle	30.6	59.73333333	30.6	61.50888889
25	Big Beef	S_660	KCSSWM-004 - Middle	30.6	59.73333333	30.6	61.50888889
22	Big Beef	S_400	KCSSWM-004 - Middle	30.6	59.73333333	30.6	61.50888889
44	Chico Creek	S_413	KCSSWM-007 - Lower	74.9	79.86	62.87777778	81.00222222
52	Chico Creek	S_298	KCSSWM-007 - Lower	74.9	81.85	62.87777778	80.85277778
39	Chico Creek	S_81	KCSSWM-007 - Lower	74.9	79.86	62.87777778	81.00222222
57	Chico Creek	S_92	KCSSWM-007 - Lower	74.9	79.86	62.87777778	81.00222222
60	Chico Creek	S_79	KCSSWM-007 - Lower	74.9	84.775	62.87777778	80.73569444
48	Chico Creek	S_56	KCSSWM-007 - Lower	74.9	81.85	62.87777778	80.85277778
27	Chico Creek	S_423	KCSSWM-007 - Lower	74.9	74.9	62.87777778	62.87777778
64	Chico Creek	S_80	KCSSWM-007 - Lower	74.9	84.775	62.87777778	80.73569444
68	Chico Creek	S_91	KCSSWM-007 - Lower	74.9	84.775	62.87777778	80.73569444
72	Chico Creek	S_308	KCSSWM-007 - Lower	74.9	84.775	62.87777778	80.73569444
34	Chico Creek	S_55	KCSSWM-007 - Lower	74.9	81.35714286	62.87777778	82.5965873

Shellfish Growing Areas

Overarching rule – if a classification is less than 10% of the total MU area, we void/null **that classification** for that MU.

Attribute	Indicator	Condition Rating				
		Very Low	Low	Medium	High	Very High
M3. Water Quality	SGA Classification status in MU	Prohibited	Prohibited & cond./appr.	Conditional	Conditional & appr.	Approved

Shellfish Growing Areas

- If a management unit has large areas of "Approved" and "Conditional" but only a sliver of "Prohibited" (less than 10% of the total MU area), we remove the "Prohibited" classification from that MU and score it according to the remaining classifications within the MU. In this example it would be scored High because it has "Conditional" and "Approved" but no "Prohibited".
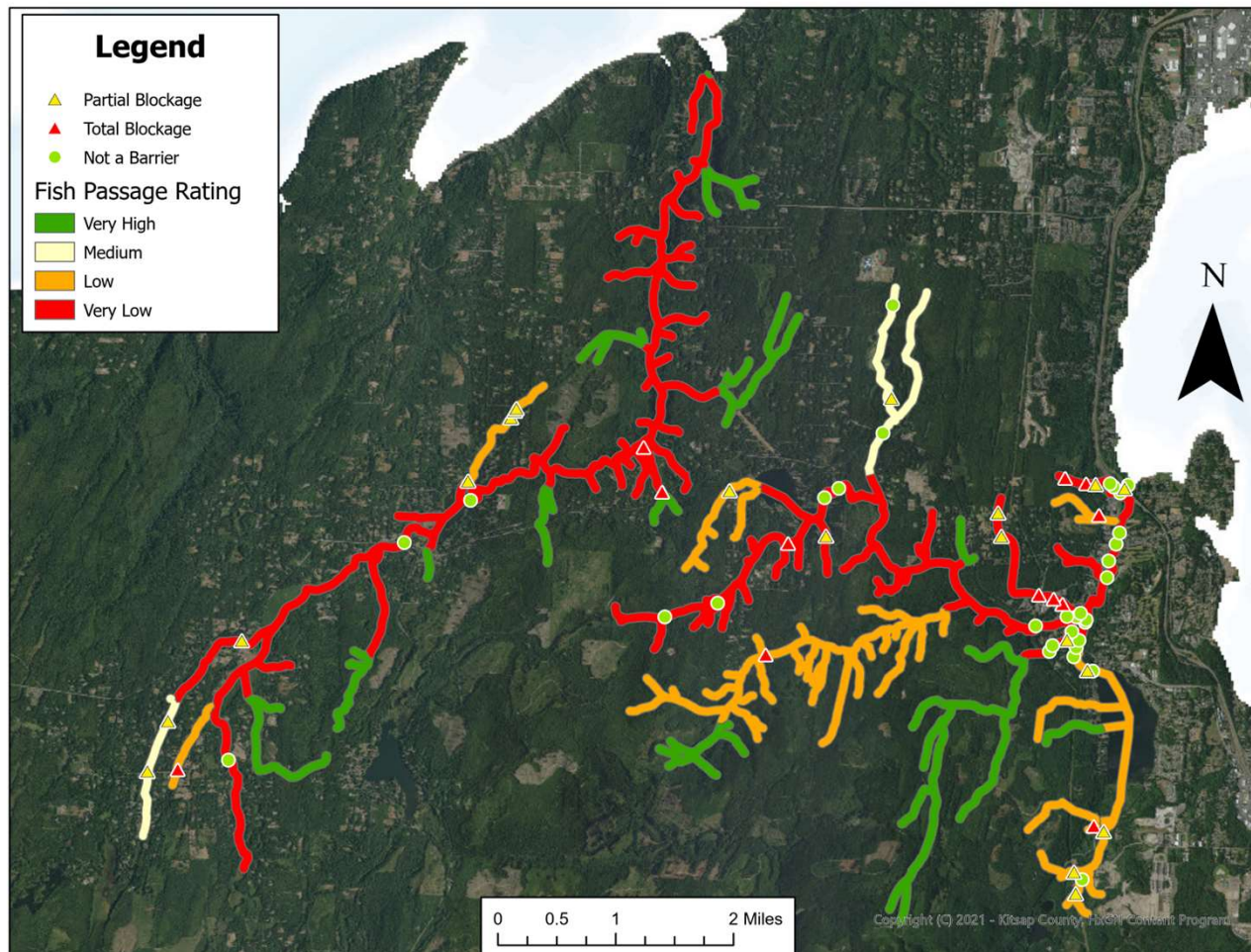
Fish Passage Barrier

Option 1 – 0% barriers are scored (2 and MUs are categorized into Very low or Low regardless), 33% and 67% barriers are scored (1), and then 100% barriers are presence absence within an MU.

Attribute	Indicator	Condition Rating				
		Very Low	Low	Medium	High	Very High
S4. Fish Passage	Barrier's present	5+ (Presence of 0% passable)	3-4 (presence of 0% passable)	1-2 (No 0% passable)	0 (with 100% passable)	0 (No 100% passable)

Fish Passage Scores for Pilot Watersheds

Priority Actions in the Pilot Watersheds

- Given the County's limited resources, how do we improve LOS where it is low and protect LOS where it is high?

- What do we do first?