

APPENDIX G

RDOS Electoral Areas F Results



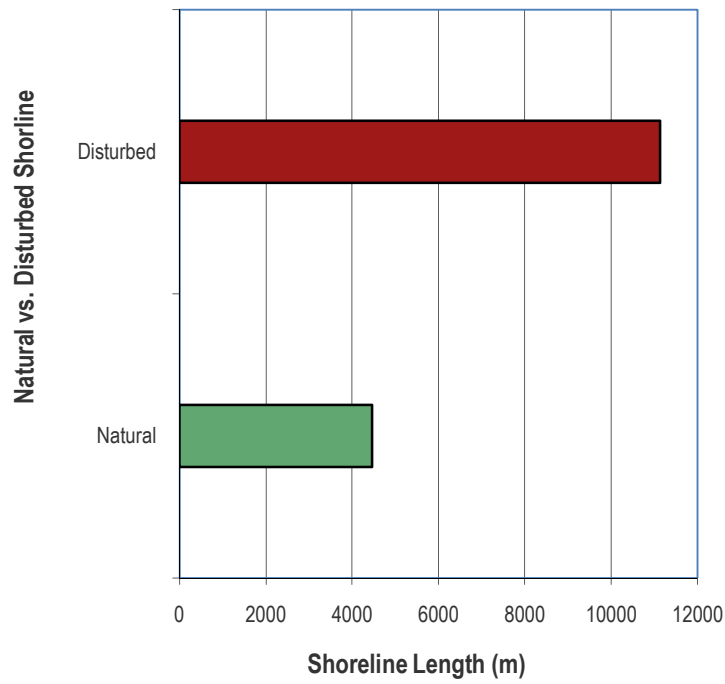


Figure 1: The percent of natural and disturbed shoreline.

Table 1: The total shore length of percentage of shore length along Okanagan Lake

	% of Shoreline	Shore Length (m)
Natural	28.61%	4460
Disturbed	71.39%	11128
Total		15587.8



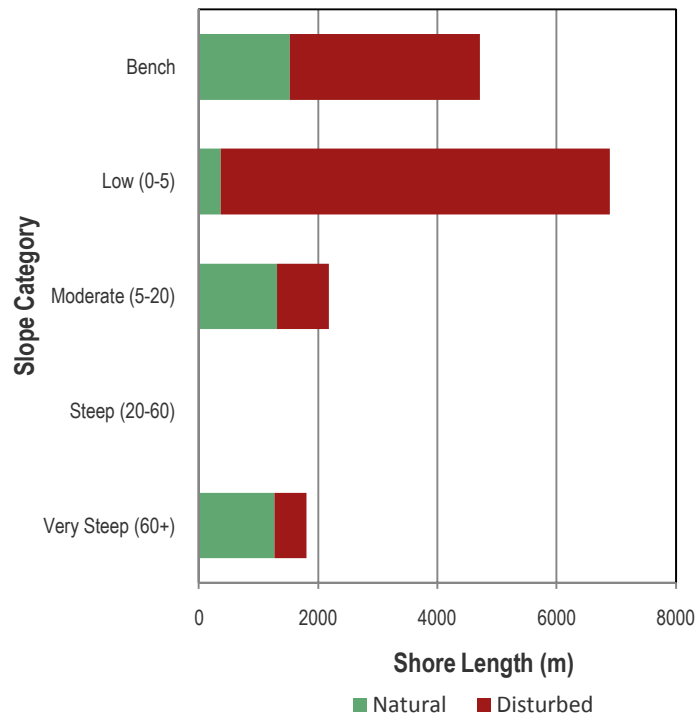


Figure 2: The length of natural and disturbed shorelines in each slope category.

Table 2: The percentage of natural and disturbed shore lengths within each of the different slope categories.

Slope	% of Total Shore Length	Total Shore Length (m)	Shore Length Natural (m)	Shore Length Disturbed (m)	% Natural	% Disturbed
Very Steep (60+)	11.6	1806	1264	542	70.0	30.0
Steep (20-60)	0.0	0	0	0	0	0
Moderate (5-20)	14.0	2178	1307	871	60.0	40.0
Low (0-5)	44.2	6891	364	6527	5.3	94.7
Bench	30.2	4713	1525	3188	32.4	67.6
Total	100.0	15588	4460	11128	28.6	71.4



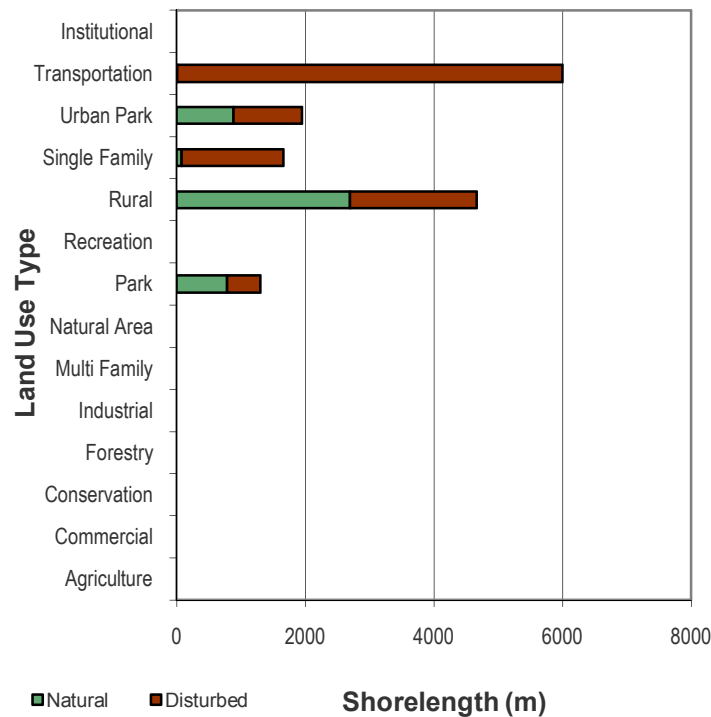


Figure 3: The length of natural and disturbed shoreline in each land use category

Table 3: The total length of natural and disturbed shorelines and their associated land uses around Okanagan Lake

	% of Shoreline Length	Shoreline Length (m)	Natural Shore Length (m)	Disturbed Shore Length (m)	% Natural	% Disturbed
Agriculture	0.0%	0	0	0	0	0
Commercial	0.0%	0	0	0	0	0
Conservation	0.0%	0	0	0	0.0%	0.0%
Forestry	0.0%	0	0	0	0.0%	0.0%
Industrial	0.0%	0	0	0	0.0%	0.0%
Multi Family	0.0%	0	0	0	0	0
Natural Area	0.0%	0	0	0	0.0%	0.0%
Park	8.4%	1307	784	523	60.0%	40.0%
Recreation	0.0%	0	0	0	0	0
Rural	30.0%	4670	2696	1974	57.7%	42.3%
Single Family	10.7%	1663	83	1580	5.0%	95.0%
Urban Park	12.5%	1952	887	1065	45.4%	54.6%
Transportation	38.5%	5995	9	5986	0.2%	99.8%
Institutional	0.0%	0	0	0	0.0%	0.0%
Total	100.0%	15587.8				



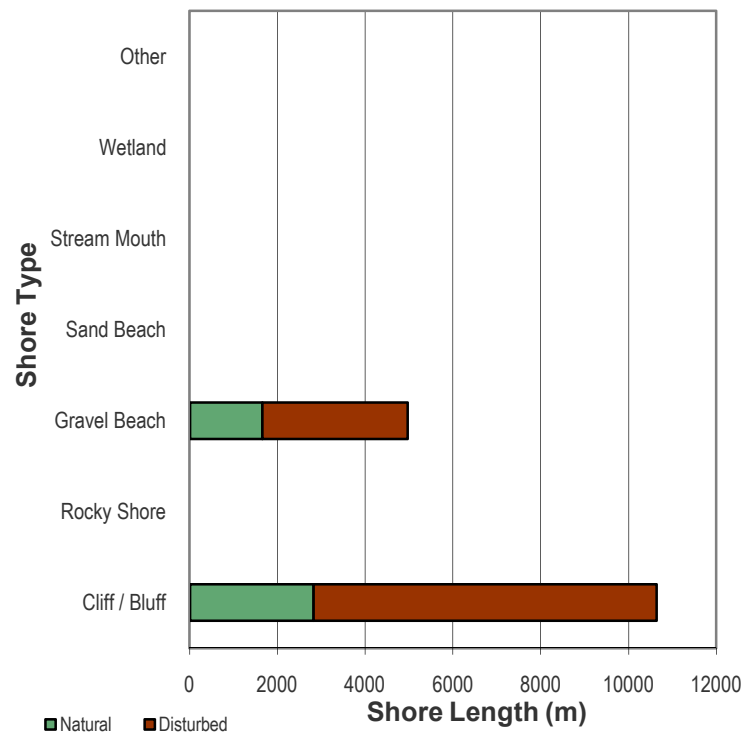


Figure 4: The length of natural and disturbed shoreline in each shore type category

Table 4: The total length of natural and disturbed shoreline and associated percentages within the different shore types that occur around Okanagan Lake

Shore Type	% of Total	Total Shoreline Length (m)	Natural Shore Length (m)	Disturbed Shore Length (m)	% Natural	% Disturbed
Cliff / Bluff	68.2%	10630	2815	7815.5	26.5%	73.5%
Rocky Shore	0.0%	0	0	0.0	0	0
Gravel Beach	31.8%	4958	1646	3312.2	33.2%	66.8%
Sand Beach	0.0%	0	0	0.0	0	0
Stream Mouth	0.0%	0	0	0.0	0	0
Wetland	0.0%	0	0	0.0	0	0
Other	0.0%	0	0	0.0	0	0
Total	100.00%	15588				



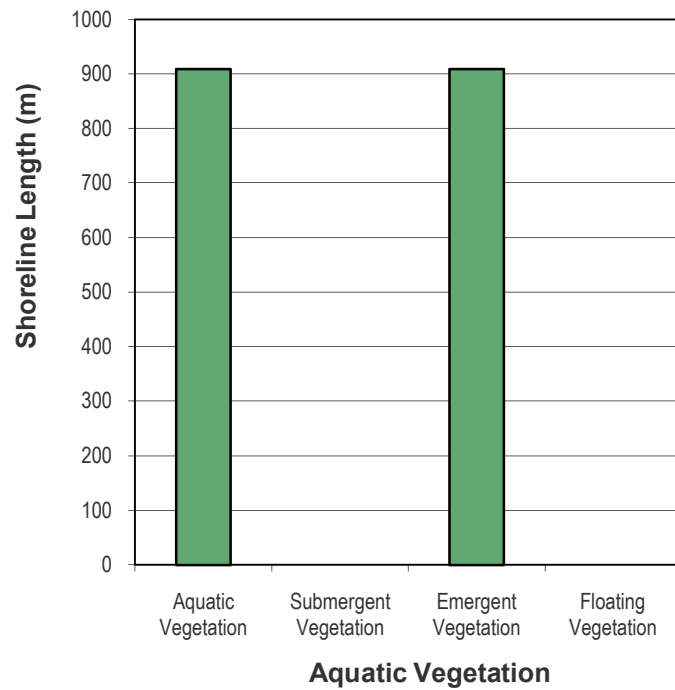


Figure 5: The shore length of each different type of aquatic vegetation.

Table 5: The total shoreline length and percentage that has aquatic, submergent, emergent, and floating vegetation along Okanagan Lake

Type	% of Total Shoreline Length	Shoreline Length (m)
Aquatic Vegetation	5.8%	908
Submergent Vegetation	0.0%	0
Emergent Vegetation	5.8%	908
Floating Vegetation	0.0%	0



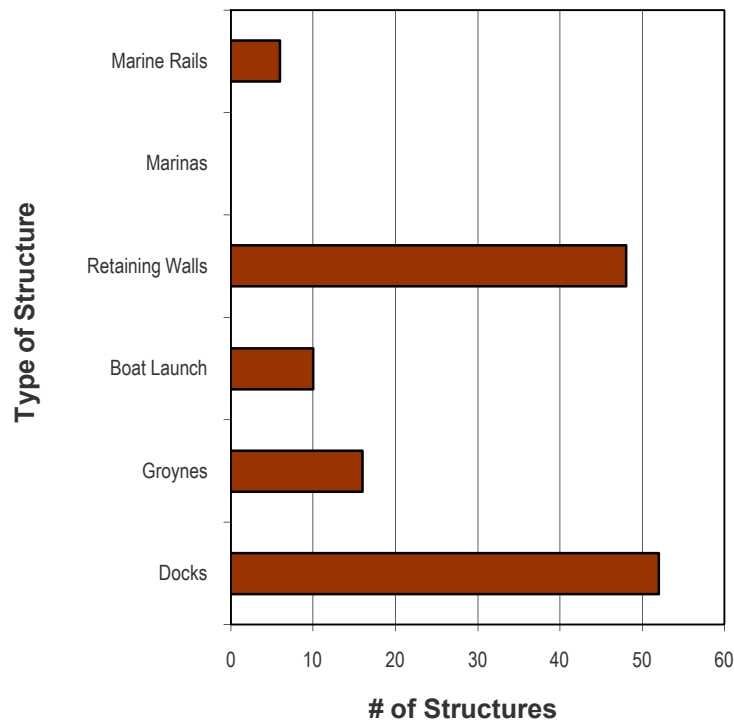
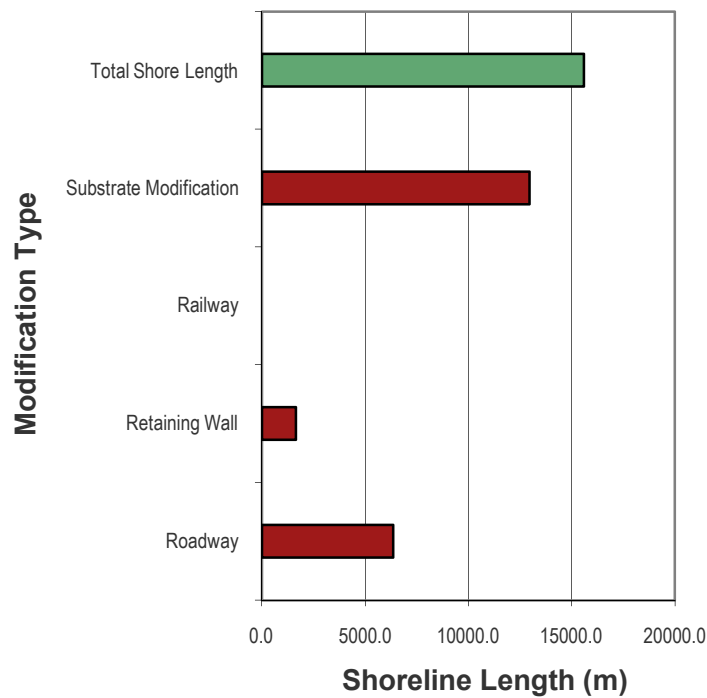


Figure 6: The total number of different types of modifications on Okanagan Lake

Table 6: The total number and density (# per km) of different shoreline modifications occurring around Okanagan Lake

Type	Total #	# Per km
Docks	52	3.34
Groynes	16	1.03
Boat Launch	10	0.64
Retaining Walls	48	3.08
Marinas	0	0.00
Marine Rails	6	0.38



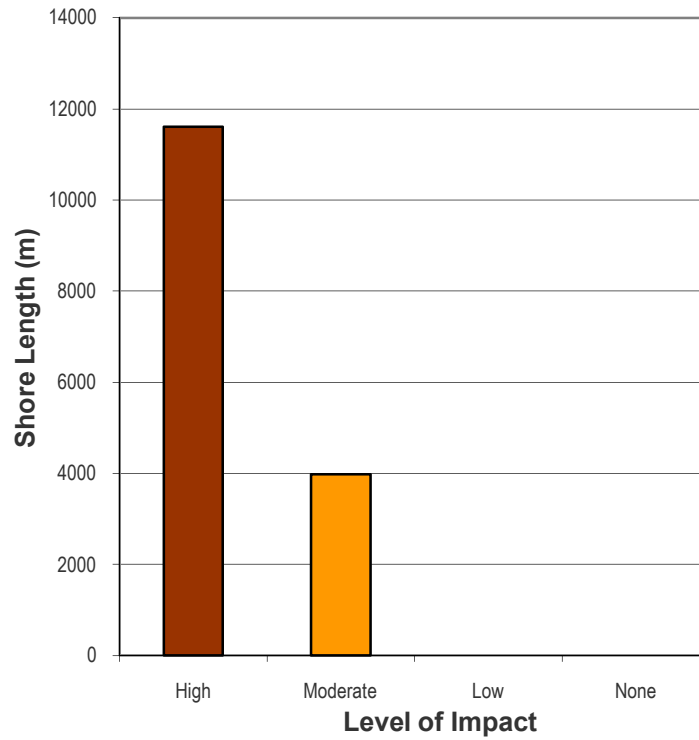


. **Figure 7:** The shore length of different shore modifiers were observed.

Table 7: The approximate shoreline length that has been impacted by substrate modification, road and railways, and retaining walls along Okanagan Lake

Category	% of Shoreline	Shorelength (m)
Roadway	41%	6356.4
Retaining Wall	11%	1661.6
Railway	0%	0.0
Substrate Modification	83%	12970.7
Total Shore Length		15587.8





. **Figure 8:** The shore length of different levels of impact on Okanagan Lake..

Table 8: The Level of Impact around Okanagan Lake (High > 40%, Moderate (10-40%), Low (<10%), None (0%))

Level of Impact	% of Shoreline	Shore Length
High	74.44%	11604
Moderate	25.56%	3984
Low	0.00%	0
None	0.00%	0
Shore Length		15587.8



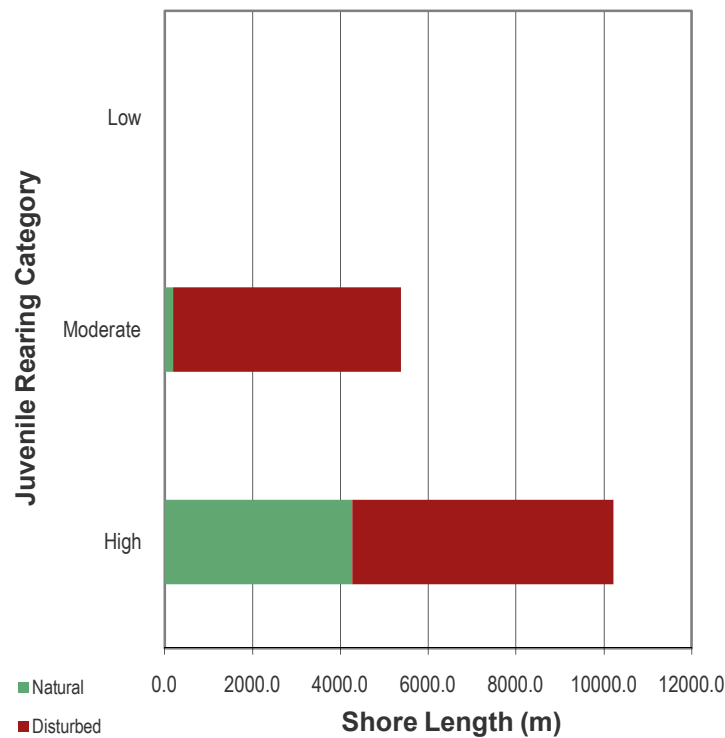


Figure 9: The natural and disturbed shore length of areas classified as having and High, Moderate, or Low Juvenile Rearing ranking.

Table 9: The shore length and percentage of shoreline areas classified as having High, Moderate, or Low Juvenile Rearing Value on Okanagan Lake.

Juvenile Rearing Category	# of Segments	Shore Length (m or %)				Total
		Natural (m)	Natural (%)	Disturbed (m)	Disturbed (%)	
High	6	4267.8	41.8%	5944.0	58.2%	10212.2
Moderate	5	192.2	3.6%	5183.7	96.4%	5376.0
Low	0	0.0	0	0.0	0	0
						0



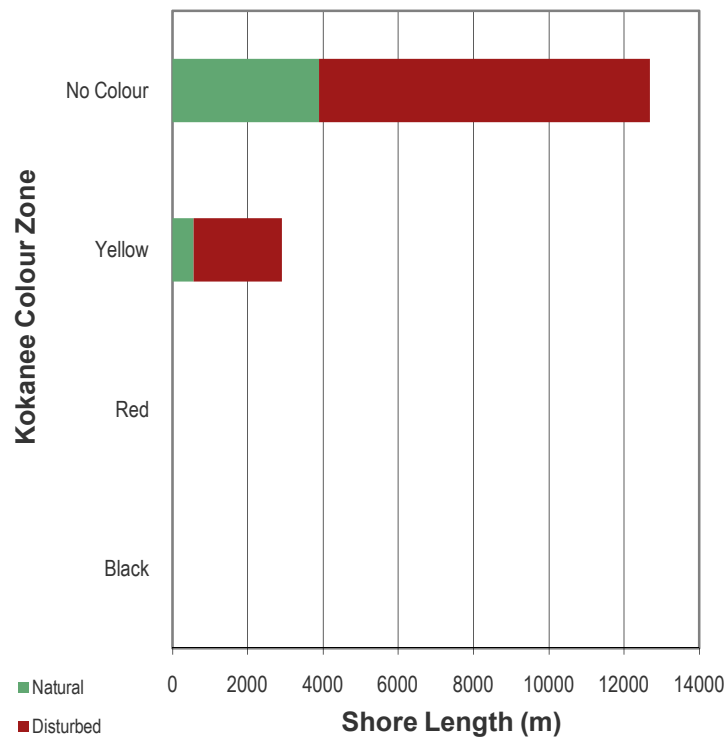


Figure 10: The length of natural and disturbed shoreline in the different shore spawning kokanee zones.

Table 10: The length of natural and disturbed shorelines within the different Okanagan Large Lakes Protocol Kokanee Shore Spawning areas.

Black		Red		Yellow		No Colour	
Natural	Disturbed	Natural	Disturbed	Natural	Disturbed	Natural	Disturbed
0	0	0	0	19.5%	80.5%	30.7%	69.3%
0	0	0	0	567	2344	3893	8784



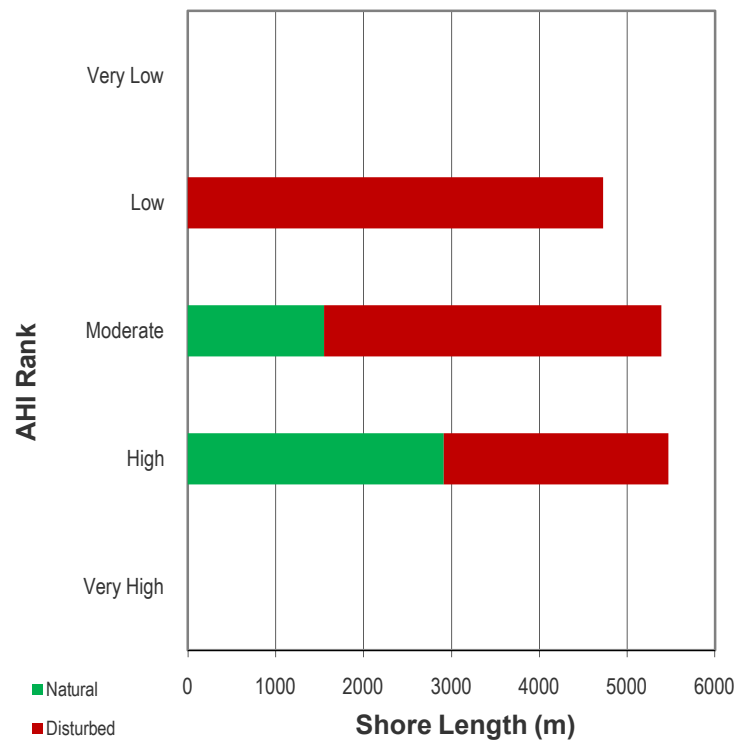


Figure 11: The length of natural and disturbed shoreline in the different AHI rankings.

Table 13: The shoreline that is natural and disturbed (m and %) within each of the different AHI rankings.

AHI Rank	Natural		Disturbed	
	m	%	m	%
Very High	0	0	0	0
High	2911.269687	53.2%	2561.662495	46.8%
Moderate	1548.816961	28.7%	3840.412169	71.3%
Low	0	0.0%	4725.590691	100.0%
Very Low	0	0	0	0

