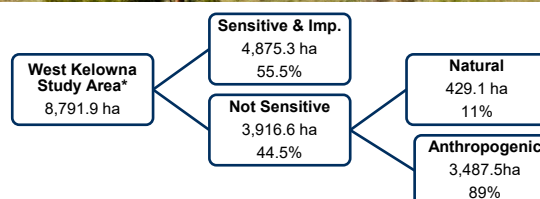


# Technical Data Summary | West Kelowna

The study area in West Kelowna is 8,791.90 ha – of which 55.5 per cent remains classified as *Sensitive* or *Important* ecosystems.



## West Kelowna Summary of Anthropogenic and Natural Areas Change

Type	Original		Updated		Areal difference (ha)	Change Percentage change difference	Percentage gain/loss <sup>1</sup>
	Area (ha)	Proportion	Area (ha)	Proportion			
Anthropogenic	3,212	37.0%	3,487.5	40.0%	275.6	3.0%	8.6%
Natural (Sensitive and Not Sensitive) <sup>2</sup>	5,575.5	63.0%	5,304.4	60.0%	-271.1	-3.0%	-4.9%
Totals	8,787.4	100%	8,791.9	100%			

## West Kelowna Summary of SEI Distribution

Type	SEI Category	SEI Unit	Original		Updated		Areal difference (ha)	Change Percentage change difference	Percentage gain/loss <sup>1</sup>
			Area (ha)	Proportion	Area (ha)	Proportion			
Sensitive	Broadleaf Woodland	BW	0	0.0%	0	0.0%	0	0.0%	0.0%
Sensitive	Grassland	GR	45.7	0.5%	27.5	0.3%	-18.2	-0.2%	-39.9%
Sensitive	Old Forest	OF	0	0.0%	0	0.0%	0	0.0%	0.0%
Sensitive	Riparian	RI	244.7	2.8%	238.9	2.7%	-5.8	-0.1%	-2.0%
Sensitive	Sparsely Vegetated	SV	451.6	5.1%	441.7	5.0%	-9.9	-0.1%	-2.0%
Sensitive	Coniferous Woodland	WD	2,896.9	33.0%	2,768.0	31.5%	-128.9	-1.5%	-4.4%
Sensitive	Wetland	WN	10.4	0.1%	11.3	0.1%	0.9	0.0%	8.8%
Important	Seasonally Flooded	FS	0	0.0%	0	0.0%	0	0.0%	0.0%
Important	Mature Forest	MF	208.2	2.4%	1,387.9	15.8%	1,179.7	13.4%	566.6%
Not Sensitive	Not Sensitive	NS	4,930.0	56.1%	3,916.6	44.5%	-1,013.3	-11.6%	-20.60%
Totals			8,787.4	100%	8,791.9	100%			

### Notes:

- Red text indicates a loss in area pre- to post-update.
- *\*Note the study area does not encompass the entirety of West Kelowna, please reference study area diagram and recommendations regarding future study area considerations within the full SEI update report.*
- It is important to reference all three categories (columns) of **change** differences to gain relative perspective of ecosystem and habitat change.
- <sup>1</sup> **Percentage gain/loss** is the amount each category has changed from pre to post update relative to itself. % change = [ Change Areal difference (ha) / Original Area (ha) ] \* 100.
- <sup>2</sup> *Sensitive, Important, and Not Sensitive* ecosystem classification types are specifically defined per standardized SEI methodology. This means that not all natural areas are defined as *sensitive*. For example, while *Young Forest* may be intact and natural, they are not exclusively defined as a *sensitive* ecosystem by SEI classification type.
- The increase in *Mature Forest* was a result of structural stage updates (i.e. aging/maturing); Notable *Mature Forest* ecosystems areas were previously *Not Sensitive*.
- **Percentage point change** is the difference between the pre and post update proportional values. For example, in the above table natural areas in West Kelowna decreased by 3 percentage points, 60.0% - 63.0% = -3% pts, meaning that 3.0% of the West Kelowna's study area that used to be natural is no longer so, and anthropogenic increased by that same amount.
- Any changes in area of municipalities are a result of reconciling the spatial data in and between the original products.