Technical Data Summary | Westbank First Nation
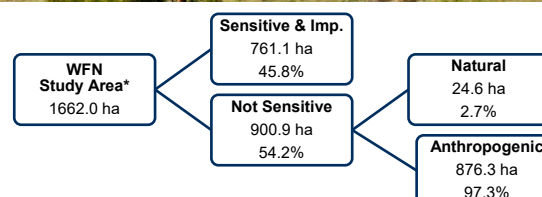
The study area in Westbank First Nation is 1,662.0 ha – of which 45.8 per cent remains classified as S*ensitive* or *Important* ecosystems.

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                          Sensitive & Imp.
                          761.1 ha
                          45.8%               Natural
    WFN                                        24.6 ha
    Study Area*                                2.7%
    1662.0 ha             Not Sensitive
                          900.9 ha            Anthropogenic
                          54.2%               876.3 ha
                                              97.3%
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WFN Summary of Anthropogenic and Natural Areas Change

Type	Original		Updated		Areal difference (ha)	Percentage change difference	Percentage gain/loss[1]
	Area (ha)	Proportion	Area (ha)	Proportion		Change	
Anthropogenic	872.4	52.5%	876.3	52.7%	4.0	0.2%	0.5%
Natural (Sensitive and Not Sensitive)[2]	789.6	47.5%	785.7	47.3%	-4.0	-0.2	-0.5%
Totals	1,662.0	100%	1,662.0	100%			

WFN Summary of SEI Distribution

Type	SEI Category	SEI Unit	Original		Updated		Areal difference (ha)	Percentage change difference	Percentage gain/loss[1]
			Area (ha)	Proportion	Area (ha)	Proportion		Change	
Sensitive	Broadleaf Woodland	BW	4.3	0.3%	4.3	0.3%	0	0.0%	0.0%
Sensitive	Grassland	GR	221.4	13.3%	219.9	13.2%	-1.5	-0.1%	-0.7%
Sensitive	Old Forest	OF	0	0.0%	0	0.0%	0	0.0%	0.0%
Sensitive	Riparian	RI	89.5	5.4%	89.5	5.4%	0	0.0%	0.0%
Sensitive	Sparsely Vegetated	SV	9.9	0.6%	9.9	0.6%	0	0.0%	0.0%
Sensitive	Coniferous Woodland	WD	128.1	7.7%	120.5	7.3%	-7.6	-0.4%	-5.9%
Sensitive	Wetland	WN	2.3	0.1%	3.3	0.2%	1	0.1%	44.5%
Important	Seasonally Flooded	FS	1	0.1%	1	0.1%	0	0.0%	0.0%
Important	Mature Forest	MF	104.9	6.3%	312.7	18.8%	207.8	12.5%	198.2%
Not Sensitive	Not Sensitive	NS	1,100.70	66.2%	900.9	54.2%	-199.8	-12.0%	-18.2%
	Totals		1,662.0	100%	1,662.0	100%			

Notes:
- Red text indicates a loss in area pre- to post-update.
- **Note the study area does not encompass the entire Westbank First Nation Area of Responsibility*.
- It is important to reference all three categories (columns) of **change** differences to gain relative perspective of ecosystem and habitat change.
- [1] **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.
- [2]*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 s*ensitive* 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 the pre and post update proportional values. For example, in the above table natural areas in WFN decreased by 0.2 percentage points, 47.3% - 47.5% = -0.2% pts, meaning that 0.2% of the WFN'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.