

Nature for Niagara - What If Scenario Comparisons November 10 Scenario Development Team Meeting

		A	16	17	13	18	12	19	14	15	20	11	B
		Baseline Comparator (56.37% of Minimum Science Thresholds Achieved)	Urban Areas Prescribed	Urban Built Excluded	No Distribution at 90	Urban Built and Greenfields Excluded	No Distribution at 80	No Meadows Targeted	No Distribution at 70	No Distribution at 60	The Compromise	No Distribution at 50	Most Constrained (34.15% of Ecological Objectives set by SDT)
Description	Features	Baseline Targets as set by SDT with Costs for Agriculture, Aggregate, and Urban Constraints.	Natural Cover Excluded in Urban Areas except Locking In Hazard Areas.	All natural cover within the Urban Built Up areas Excluded	Targets set to 90% of what exists, no geographic distribution.	All natural cover within the Urban Built Up and Green Field areas Excluded	Targets set to 80% of what exists, no geographic distribution.	Meadow areas not targeted and considered in contribution to ecological objectives (no distribution context).	Targets set to 70% of what exists, no geographic distribution.	Targets set to 60% of what exists, no geographic distribution.	Targets set to 80% of what exists, no geographic distribution, No Meadows Considered, Urban Areas Prescribed In or Out	Targets set to 50% of what exists, no geographic distribution.	Baseline Targets as set by SDT with Exclusion Status for Agriculture, Aggregate, and Urban Constraints.
Scenario Percent of Land Type	Percent of Urban Lands	21.57	13.23	11.33	19.60	2.96	17.24	15.77	14.22	11.46	9.70	9.19	8.37
	Percent of Agricultural Soils	26.74	25.80	25.80	23.40	25.70	21.66	21.66	18.97	16.91	17.35	15.23	11.15
	Percent of Bedrock Aggregate Deposits	23.54	23.15	23.10	20.32	23.11	17.56	17.80	14.32	12.28	12.86	10.56	12.04
Land Type Percent of Scenario	Urban Lands	13.27	8.86	7.69	13.64	2.14	13.02	12.14	12.31	11.21	9.48	10.03	11.20
	Agricultural Soils	75.70	79.48	80.54	74.93	85.34	75.21	76.69	75.55	76.05	78.04	76.45	68.69
	Bedrock Aggregate Deposits	9.01	9.63	9.74	8.79	10.37	8.24	8.52	7.71	7.46	7.82	7.16	10.02
Percent of Total Landbase	Scenario	27.61	25.37	25.03	24.41	23.53	22.51	22.07	19.62	17.38	17.37	15.56	12.69
Percent of Natural Cover Inventory	Scenario	97.33	89.45	88.25	86.05	82.96	79.34	77.81	69.17	61.27	61.24	54.87	44.73
Percent Achievement Relative to Value Captured in Baseline Comparator	Total Solution	N/A	95.12	93.81	89.88	89.16	83.79	88.55	74.25	67.02	73.98	61.60	54.58
	Biodiversity Representation	N/A	93.61	92.57	90.18	86.64	83.06	71.92	72.79	64.82	71.21	58.42	48.11
	Ecological Functions	N/A	94.64	93.23	89.45	88.78	85.07	91.67	75.49	68.82	75.92	64.47	56.82
	Hydrologic Functions	N/A	96.38	95.07	90.29	90.74	82.54	91.82	73.34	65.73	72.75	59.46	54.59
Percent Achievement Relative to Total Value Available in Inventory	Total Solution	97.94	97.25	95.91	91.89	91.16	81.96	90.53	75.91	68.52	75.64	60.25	53.45
	Biodiversity Representation	97.84	95.68	94.61	92.17	88.55	81.27	73.51	74.39	66.25	72.78	57.16	47.07
	Ecological Functions	96.92	97.65	96.19	92.30	91.60	82.45	94.59	77.89	71.00	78.34	62.48	55.07
	Hydrologic Functions	99.06	97.44	96.11	91.28	91.73	81.64	92.83	74.15	66.45	73.55	58.81	54.08