

Nature for Niagara - What If Scenario Comparisons October 27 Scenario Development Team Meeting

	A	8	7	6	5	11	9	4	3	2	10	B	1	
	Baseline Comparator (56.37% of Minimum Science Thresholds Achieved)	Hydrologic Function Only	Ecological Function Only	Best 90	Best 80	No Distribution at 80	Biodiversity Representation Only	Best 70	Best 60	Best Half (50%)	No Distribution at 50	Most Constrained (34.15% of Ecological Objectives set by SDT)	Best 30	
Description	Features	Baseline Targets as set by SDT with Costs for Agriculture, Aggregate, and Urban Constraints.	Targets as set by SDT for Hydrologic Functions only.	Targets as set by SDT for Ecological Functions Only	Targets set to 90% of what exists for each ecological objective.	Targets set to 80% of what exists for each ecological objective.	Targets set to 80% of what exists, no geographic distribution.	Targets as set by SDT for Biodiversity Representation only (not in ECA).	Targets set to 70% of what exists for each ecological objective.	Targets set to 60% of what exists for each ecological objective.	Targets set to 50% of what exists for each ecological objective.	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.	Targets set to 30% of what exists for each ecological objective.

Scenario Percent of Land Type	Percent of Urban Lands	21.57	20.93	20.93	20.06	17.28	17.24	17.36	14.39	12.12	9.75	9.19	8.37	5.73
	Percent of Agricultural Soils	26.74	26.41	26.18	24.30	21.91	21.66	20.08	19.71	17.57	15.61	15.23	11.15	12.08
	Percent of Bedrock Aggregate Deposits	23.54	23.75	22.48	21.18	17.97	17.56	17.47	15.21	12.81	11.52	10.56	12.04	9.04

Land Type Percent of Scenario	Urban Lands	13.27	13.07	13.17	13.48	12.91	13.02	13.81	12.03	11.39	10.35	10.03	11.20	7.92
	Agricultural Soils	75.70	75.85	75.80	75.10	75.31	75.21	73.49	75.79	75.93	76.18	76.45	68.69	76.75
	Bedrock Aggregate Deposits	9.01	9.22	8.79	8.85	8.35	8.24	8.64	7.90	7.48	7.60	7.16	10.02	7.76

Percent of Total Landbase	Scenario	27.61	27.21	27	25.29	22.74	22.51	21.36	20.33	18.09	16.02	15.56	12.69	12.30
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Percent of Natural Cover Inventory	Scenario	97.33	95.93	95.17	89.14	80.17	79.34	75.29	71.67	63.76	56.46	54.87	44.73	43.35
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Percent Achievement Relative to Value Captured in Baseline Comparator	Total Solution	N/A	98.64	98.41	92.07	84.69	83.79	80.64	77.29	70.10	63.79	61.60	54.58	52.81
	Biodiversity Representation	N/A	98.43	97.97	93.04	84.13	83.06	84.38	75.79	67.78	60.54	58.42	48.11	46.94
	Ecological Functions	N/A	97.74	98.07	91.76	86.02	85.07	79.23	79.34	72.62	66.58	64.47	56.82	56.07
	Hydrologic Functions	N/A	99.65	98.93	92.03	83.52	82.54	80.75	75.72	68.35	62.09	59.46	54.59	51.57

Percent Achievement Relative to Total Value Available in Inventory	Total Solution	97.94	96.62	96.39	90.17	82.95	81.96	78.98	75.70	68.66	62.48	60.25	53.45	51.73
	Biodiversity Representation	97.84	96.30	95.85	91.03	82.32	81.27	82.56	74.15	66.32	59.24	57.16	47.07	45.92
	Ecological Functions	96.92	94.73	95.05	88.93	83.36	82.45	76.78	76.89	70.38	64.53	62.48	55.07	54.34
	Hydrologic Functions	99.06	98.71	98.00	91.17	82.74	81.64	79.99	75.01	67.70	61.51	58.81	54.08	51.09