

## Proposed Changes in Gwich'in Land Use Plan Zone Areas - April 2010

Land Use Zone Name	Zoning	Old Reference	New Reference	Old Area (km2)	New Area (km2)	Difference	Note
Porcupine Caribou	SMZ	1	***	2273.690	0.000	-2273.690	Added to Stoney Creek to become new Richardson Mountains SMZ
Stoney Creek	SMZ	2	***	1009.308	0.000	-1009.308	Added to Porcupine to become new Richardson Mountains SMZ
Richardson Mountains	SMZ	***	2	0.000	3203.615	3203.615	New SMZ
Nataiinlaii	SMZ	***	3	0.000	29.500	29.500	New SMZ surrounding Nataiinlaii CZ to match NWT Heritage Site boundary
Peel River and Channel	SMZ	3	4	282.260	278.300	-3.960	decrease went to creation of Nataiinlaii SMZ
Frog Creek and Lake	SMZ	4	5	659.116	659.116	0.000	New condition for water in Deepwater lake watershed
Campbell Creek	SMZ	5	6	317.966	317.966	0.000	No change
Campbell Hills	SMZ	6	7	231.980	307.943	75.963	Increased boundaries to recognise land use intensity
Mackenzie Islands	SMZ	7	***	595.522	0.000	-595.522	Increased boundaries to create new Mackenzie Delta SMZ
Mackenzie Delta	SMZ	***	8	0.000	3575.776	3575.776	New SMZ
Rengleng River	SMZ	8	9	86.782	86.734	-0.048	minor size difference due to adding to Mackenzie Delta SMZ (simplification)
Mouth of Arctic Red River	SMZ	9	10	150.113	150.112	-0.001	No Change - minor size difference due to cleaning up GIS file
Cardinal Lakes	SMZ	10	11	1316.338	1316.338	0.000	No Change
Lakes Around Travaillant	SMZ	11	12	4156.072	4156.314	0.243	Adjusted for MGP Quarry Site
Mackenzie River	SMZ	12	13	341.663	341.663	0.000	No Change
Arctic Red River	SMZ	13	14	260.244	336.401	76.157	Increased to extend zone up River to ARR Headwaters zone
Swan Lake and Creek	SMZ	14	15	535.022	535.022	0.000	No Change
Headwaters of the Arctic Red River	SMZ	15	16	6370.951	8429.050	2058.098	Increased to extend zone to edge of Mackenzie Mountains Ecoregion
Transportation	SMZ	16	1	428.198	418.600	-9.598	decreased for Nataiinlaii SMZ. Recognised Deepwater lake watershed
				<b>19015.225</b>	<b>24142.450</b>	<b>5127.225</b>	<b>TOTALS</b>
Deepwater Lake Watershed	***	***	***	0.000	31.822	0.000	Added condition for Water to Frog Creek and Transportation SMZ where watershed overlaps; not a new SMZ
Big Rock	GHCZ	H01	H01	2.053	2.053	0.000	No Change
Earl's Place	GHCZ	H02	H02	1.495	1.495	0.000	No Change
Thunder River	GHCZ	H03	H03	8.943	8.943	0.000	No Change
Old Arctic Red River	GHCZ	H04	H04	2.138	2.138	0.000	No Change
Jackfish Creek	GHCZ	H05	H05	51.782	51.782	0.000	No Change
Martin House	GHCZ	H06	H06	8.563	8.563	0.000	No Change
Bernard Creek	GHCZ	H07	H07	34.984	34.984	0.000	No Change
Destruction City	GHCZ	H08	H08	0.588	0.588	0.000	No Change
Mouth of the Peel	GHCZ	H09	H09	1.149	1.149	0.000	No Change
8-Mile	GHCZ	H10	H10	1.460	1.460	0.000	No Change
Shiltie Rock	GHCZ	H11	H11	0.762	0.762	0.000	No Change
Many Scrapers	GHCZ	H12	H12	3.194	3.194	0.000	No Change
Tl'oondih	GHCZ	H13	H13	19.088	19.088	0.000	No Change
Rat River, Husky River, Black Mountain	GCZ	A	A	2876.318	3075.070	198.752	Added area of cultural and ecological significance
James Creek and Vittrekwa River	GCZ	B	B	433.776	433.776	0.000	No Change
Travaillant Lake, Mackenzie and Tree River	GCZ	C	C	2290.917	2290.674	-0.243	Adjusted for MGP Quarry Site
Arctic Red River spawning ground	GCZ	D	D	195.901	195.901	0.000	No Change
				<b>5933.111</b>	<b>6131.621</b>	<b>198.510</b>	<b>TOTALS</b>
				<b>OLD</b>	<b>NEW</b>	<b>DIFFERENCE</b>	
			% of GSA that is GUZ	56.2	46.8	-9.4	
			% of GSA that is SMZ	33.4	42.4	9.0	
			% of GSA that is CZ/HCZ	10.4	10.8	0.3	