

(modified 5.4-25)

Table 9: Net Changes in Class Area of Cover Categories in the Fort McKay FTSA (Landsat)

Cover Category	Pre-Development Scenario	Base Case	Net Change: Base to Pre-Development		Base Case + Jackpine Mine Expansion	Base Case + Pierre River Mine	Application Case	Net Change: Application to Base		Net Change: Application to Pre-development		Application Case - Closure	Net Change Application Closure to Base		Net Change Application Closure to Pre-Development		Planned Development Case	Net Change: Planned Development to Base		Net Change: Planned Development to Pre-Development		Far Future (PDC Closure0)	Net Change: PDC Closure to Base		Net Change: PDC Closure to Pre-Development	
	[ha]	[ha]	(ha)	(%)	[ha]	[ha]	[ha]	(ha)	(%)	(ha)	(%)	[ha]	(ha)	(%)	(ha)	(%)	[ha]	(ha)	(%)	(ha)	(%)	[ha]	(ha)	(%)	(ha)	(%)
terrestrial	158,166	138,907	-19,259	-12	137,188	136,159	134,440	-4,467	-3	-23,726	-15	155,688	16,781	12	-2,478	-2	118,990	-19,917	-14	-39,176	-25	214,701	75,794	55	56,535	36
wetlands	171,493	126,789	-44,704	-26	118,901	119,849	111,961	-14,828	-12	-59,532	-35	114,730	-12,059	-10	-56,763	-33	107,994	-18,795	-15	-63,499	-37	127,584	795	1	-43,909	-26
water	9,851	9,150	-701	-7	9,128	9,097	9,075	-75	-1	-776	-8	16,016	6,866	75	6,165	63	9,074	-76	-1	-777	-8	23,619	14,469	158	13,768	140
disturbed ^(a)	40,063	104,796	64,733	162	114,425	114,536	124,165	19,369	18	84,102	210	93,208	-11,588	-11	53,145	133	143,583	38,787	37	103,520	258	13,737	-91,059	-87	-26,326	-66
other ^(b)	67	0	-67	-100	0	0	0	0	na	-67	-100	0	0	na	-67	-100	0	0	na	-67	-100	0	0	na	-67	-100
Total	379,641	379,641	0	0	379,641	379,641	379,641	0	0	0	0	379,641	0	0	0	0	379,641	0	0	0	0	379,641	0	0	0	0

(a) The disturbed category includes burns, cutblocks, urban, industrial and other disturbed areas.

(b) Clouds on the Landsat image prevents interpretation of regional land cover class in some areas for the pre - development scenario.

n/a = Not applicable.

Note: Some numbers are rounded for presentation purposes. Therefore, it may appear that the totals do not equal the sum of the individual values.