## Appendix 7-1

Table 4: Changes in the Distribution of Riparian Communities in the Fort McKay FTSA (Landsat)

The state of the s						1 /									
Pre-Development Scenario		Base Case		% Net Change from Pre-Dev to Base Case	% Net Change due to Jackpine Mine Expansion		% Net Change due to Pierre River Mine		% Net Change at Application Case		% Net Change at Application Case - Closure		% Net Change at Planned Development Case		
[ha]	[%]	[ha]	[%]	%	Pre-Dev	Base Case	Pre-Dev	Base Case	Pre-Dev	Base Case	Pre-Dev	Base Case	Pre-Dev	Base Case	
•		,				<del>-</del>		<del>-</del>		<del>-</del>		<del>-</del>		•	
3658	1	2,839	1	-22	-23	0	-27	-5	-27	-6	-27	-5	-32	-13	
11,036	3	11,346	3	3	2	0	2	-1	1	-2	1	-2	-13	-15	
7,588	2	6,742	2	-11	-13	-2	-13	-2	-15	-4	-15	-4	-25	-15	
22,282	6	20,927	6	-6	-7	-1	-8	-2	-9	-3	-9	-3	-20	-15	
9,928	3	7,974	2	-20	-24	-6	-24	-6	-29	-11	-1	23	-30	-13	
9,055	2	7,100	2	-22	-27	-6	-28	-8	-33	-14	-33	-14	-35	-17	
18,983	5	15,075	4	-21	-25	-6	-26	-7	-31	-13	-16	6	-32	-15	
338,308	89	343,639	91	2	2	0	2	0	2	1	2	0	3	2	
338,308	89	343,639	91	2	2	0	2	0	2	1	2	0	3	2	
67	<1	0	0	-100 (b)	-100 (b)	(a)	-100 (b)	(a)	-100 (b)	(a)	-100 (b)	(a)	-100 (b)	(a)	
67	<1	0	0	-100 (b)	-100 (b)	(a)	-100 (b)	(a)	-100 (b)	(a)	-100 (b)	(a)	-100 (b)	(a)	
379,641	100	379,641	100		_				_			_			
	[ha]  3658 11,036 7,588 22,282  9,928 9,055 18,983  338,308 338,308 67 67	[ha] [%]  3658 1 11,036 3 7,588 2 22,282 6  9,928 3 9,055 2 18,983 5  338,308 89 338,308 89 67 <1 67 <1	[ha] [%] [ha]  3658	[ha] [%] [ha] [%]  3658	Pre-Development Scenario         Base Case         from Pre-Dev to Base Case           [ha]         [%]         [ha]         [%]         %           3658         1         2,839         1         -22           11,036         3         11,346         3         3           7,588         2         6,742         2         -11           22,282         6         20,927         6         -6           9,928         3         7,974         2         -20           9,055         2         7,100         2         -22           18,983         5         15,075         4         -21           338,308         89         343,639         91         2           338,308         89         343,639         91         2           67         <1	The pre-Development Scenario   Base Case   From Pre-Dev to Base Case   Jackpine Min to Base Case   Pre-Dev	Pre-Development Scenario   Base Case   from Pre-Dev to Base Case   from Pre-Dev to Base Case   from Pre-Dev to Base Case   Pre-Dev   Base Case	Pre-Development Scenario   Base Case   From Pre-Dev to Base Case   From Pre-Dev to Base Case   Pre-Dev to Base Case   Pre-Dev	Pre-Development Scenario         Base Case         from Pre-Dev to Base Case         // Net Change due to Pierre River Mine           [ha]         [%]         [ha]         [%]         %         Pre-Dev         Base Case         Pre-Dev         Base Case           3658         1         2,839         1         -22         -23         0         -27         -5           11,036         3         11,346         3         3         2         0         2         -1           7,588         2         6,742         2         -11         -13         -2         -13         -2           22,282         6         20,927         6         -6         -7         -1         -8         -2           9,928         3         7,974         2         -20         -24         -6         -24         -6           9,055         2         7,100         2         -22         -27         -6         -28         -8           18,983         5         15,075         4         -21         -25         -6         -26         -7           338,308         89         343,639         91         2         2	Pre-Development Scenario         Base Case         from Pre-Dev to Base Case         Net Change due to Jackpine Mine Expansion         Pre-Dev           3658         1         2,839         1         -22         -23         0         -27         -5         -27           11,036         3         11,346         3         3         2         0         2         -1         1           7,588         2         6,742         2         -11         -13         -2         -13         -2         -15         -15           22,282         6         20,927         6         -6         -7         -1         -8         -2         -9           9,928         3         7,974<	Pre-Development Scenario         Base Case         from Pre-Dev to Base Case         Jackpine Mine Expansion         Net Change due to Pierre River Mine         Application Case           [ha]         [%]         [ha]         [%]         %         Pre-Dev         Base Case         Pre-Dev         B	Pre-Development Scenario         Base Case to Base C	Pre-Development Scenario   Base Case   From Pre-Dev to Base Case   From Pre-Dev to Base Case   From Pre-Dev to Base Case   Pre-Dev to B	Pre-Development Scenario   Base Case   From Pre-Dev to Base Case   From Pre-Dev to Base Case   Pre-Dev to Base Case   Pre-Dev to Base Case   Pre-Dev to Base Case   Pre-Dev   Base Case   Pre-Dev	

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

a - undefinable in % as base case or pre-development scenario = 0 ha

b - net change is represented by a loss of -100 % because resulting area = 0 ha