

# **LAKES LAND AND RESOURCE**

## **MANAGEMENT PLAN**

### **IMPLEMENTATION MONITORING REPORT**

**January 2002**

---

## **Introduction**

The Lakes LRMP Implementation Plan (January 2001) and this Implementation Monitoring Report follow the direction for LRMP monitoring outlined in the Land Use Coordination Office document “Strategic Land Use Plan Monitoring Procedures” (May 2000). It is important to note that provincial procedures require LRMP tasks to be categorized as base or incremental. All incremental tasks are listed in the Lakes LRMP Implementation Plan and progress towards their completion is summarized in this report.

For more information on base tasks, please contact the agency representative listed at the end of this report.

Effectiveness monitoring criteria and indicators are not yet developed for the Lakes LRMP. This task is underway through an interagency working group, and will continue under the direction of the Inter-agency Management Committee.

According to the LRMP Implementation Plan, 126 tasks in 23 project areas are scheduled to be initiated by agencies shortly after the approval of the LRMP. Their overall status is summarized below.

<b><u>Project Area</u></b>	<b><u># of Activities</u></b>	<b><u>NS</u></b>	<b><u>I</u></b>	<b><u>M</u></b>	<b><u>SC</u></b>	<b><u>C</u></b>
1. Access	6	6				
2. Agriculture (MF)	4	4				
3. Grazing	1	1				
4. Timber	14	4	8			2
5. Recreation	16	16				
6. Cultural Heritage (MF)	1	1				
7. Watershed Management	2	1	1			
8. Silviculture	1	1				
9. Inventories	1					1
10. Special Resource Mgt. Zone	2	2				
11. Research	1	1				
12. Water	1	1				
13. New Protection Zone	1	1				
14. Parks	25	2	12		11	
15. Mineral and Energy	1				1	
16. Tourism and Recreation	6	6				
17. Cultural Heritage (MSBTC)	2	2				
18. Settlement	7			7		
19. Agriculture (BCALC)	3	3				
20. Ecosystems	10	7	1	2		
21. Fish	4	1	2			1
22. Wildlife	11	7	4			
23. Water and Air	6	3		3		
Totals	126	69	28	13	12	4

### Legend

- NS – Not Started:** Projects where no work has been done to date. (0-5 % complete)
- I – Initiated:** Projects where work commenced on one or more activities. (6-30 % complete)
- M – Midway:** Projects where work has been initiated and is underway on most activities. Some activities may be substantially complete or complete. (31-65 % complete)
- SC – Substantially Complete:** Projects where work is underway on most activities and where many activities are substantially complete. (66-95 % complete)
- C- Complete:** Projects where all activities have been implemented in accordance with the direction set out in the LRMP. (96-100 % complete)

## Detailed Summary of Activity Status

The following table provides further detail of the activities within each agency's tasks:

Project Area	Activities/Tasks	# of Act/Tasks	NS	I	M	SC	C
1. Access	/ Develop Access Management Strategy	6	6				
2. Agriculture	/ Improve Agriculture Inventories	4	4				
3. Grazing	/ Promote Grazing	1	1				
4. Timber	/ Develop a Timber Management Strategy	6		6			
	/ Develop Long Term Timber Harvesting Plans	2					2
	/ Develop a Forest Health Management Strategy	1		1			
	/ Monitor Harvesting (VCP, Species, RMZ)	1	1				
	/ Evaluate Land suitability for FLR or Agric/Settlement.	1	1				
	/ Designate Provincial Forest as FLR	1	1				
	/ Develop and implement a Deciduous Management Strategy	2	2				
5. Recreation	/ Develop Backcountry Lake Management Plans	6	6				
	/ Decommission Existing Access within BCL	1					1
	/ Choose Alternate BCL if BCL values compromised	1	1				
	/ Develop Recreation Area Management Plans	6	6				
	/ Monitor Recreation Use (RAs & BCLs)	2	2				
6. Cultural Heritage	/ Designate appropriate FN Traditional sites as "Sensitive Areas"	1	1				
7. Watershed Management	/ Identify Watersheds Requiring WS Assessment	1		1			
	/ Develop guidelines for Timber Development in Domestic Use WS	1	1				
8. Silviculture	/ Ensure that existing management prescriptions in SRMZs meet SRMZ objectives	1	1				
9. Inventories	/ Prepare a LRMP Inventory Plan	1					1
10. Special Resource Mgt. Zone	/ Develop SRMZ Guidelines where appropriate	2	2				
11. Research	/ Investigate Opportunities to use BCL for Research	1	1				
12. Water	/ Inventory and Classify Lake and Lakeshore	1	1				

<b>Project Area</b>	<b>Task</b>	<b># of Act/ Tasks</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
<b>13. New Protection Zone</b>	/ Develop a MOU with Parks	1			1		
<b>14. Parks</b>	/ Designate New Protected Areas and Issue Tenures for Appropriate Activities	11				11	
	/ Manage Resources and Monitor Use in Protected Areas	8		8			
	/ Respect Resources within and adjacent to New Protected Areas	2		2			
	/ Develop Park Management Plans	2	1	1			
	/ Collect Resource Inventories in New Parks	1	1				
	/ Designate the Entiako Protected Area as a Class A Park	1		1			
<b>15. Mineral and Energy</b>	/ Promote Exploration and Development	1				1	
<b>16. Tourism and Recreation</b>	/ Maintain Opportunities for a Secure Long Term, Viable, Tourism Industry	1	1				
	/ Provide Opportunities for Commercial Backcountry Recreation Operations	1	1				
	/ Consider other Resource Values	3	3				
	/ Encourage Community Stability (non-extractive)	1	1				
<b>17. Cultural Heritage (MSBTC)</b>	/ Encourage Development of Cultural Heritage Interpretative Facilities and Programs	2	2				
<b>18. Settlement</b>	/ Recognize Environmental Conservation and other Land Use and Management Objectives	7			7		
<b>19. Agriculture (BCALC)</b>	/ Assess Proposed Agriculture Lease Sites	3	3				
<b>20. Ecosystems</b>	/ Maintain Healthy Functioning Ecosystems	7	6	1			
	/ Protect, Conserve and Reduce Risks to Rare, Threatened and Endangered Species	3	1		2		
<b>21. Fish</b>	/ Ensure the Sustainability of Fish Species Diversity and Populations, Especially Wild Fish Stocks	4	1	2		1	
<b>22. Wildlife</b>	/ Maintain the Regional Diversity and Suitable Abundance of Native Terrestrial Animal Species	6	5	1			
	/ Integrate Agriculture and Wildlife Both in the Ag/Sett. Zone and Throughout the Planning Area	2	2				
	/ Within the Caribou Migration Corridor, Address Factors Affecting Caribou Population Success	2		2			
	/ Within the Ungulate Winter Habitat Sub-Zone, Maintain/Enhance Viable Winter Range Habitat Areas	1		1			
<b>23. Water and Air</b>	/ Maintain Water Quality, Quantity and Timing of Flow at Appropriate Levels	4	3		1		
	/ Maintain Air Quality within Established National and Provincial Criteria	2			2		
<b>Total</b>		<b>126</b>	<b>69</b>	<b>28</b>	<b>13</b>	<b>12</b>	<b>4</b>

<b>Project 1: Access Management (MF/MWLAP)</b>		<b>Status: Not Started</b>				
<b>Task 1.1 Develop an Access Management Strategy</b>		<b>Status: Not Started</b>				
♦ <b>Actual work on the project has not been started yet due to the workload.</b>						
<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>	
1. Rank areas of access concern	✓					
2. Identify opportunities, restrictions and levels of acceptable use	✓					
3. Develop standards and procedures to mitigate impacts of access in alpine habitats	✓					
4. Assess and rank roads that cause chronic negative impact to fish or domestic water use	✓					
5. Discourage circular routes	✓					
6. Consult with the Lakes LRMP Monitoring Committee and agencies	✓					

<b>Project 2: Agriculture (MF / MAFF)</b>		<b>Status: Not Started</b>				
<b>Task 2.1 Improve Agricultural Inventories (Land Capability, Use, Soils, Other Values) Within Agriculture/Settlement Zone</b>		<b>Status: Not Started</b>				
♦ <b>The task is subject to funding and staff availability. It is unknown at the time when the funding will be available. Due to the insufficient time to prepare a funding proposal for Corporate Resource Inventory Initiative (CRII) we missed the possibility of getting some funding for the fiscal year 2001/02. We intend to submit the funding proposal for CRII (in co-operation with the Ministry of Agriculture and Food and BC Lands and Assets Corporation) in the fiscal year 2002/2003.</b>						
<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>	
1. Develop and maintain inventory of land capability and use ♦ <b>The primary responsibility for this activity rests with MAF and includes maintaining the B.C. Land Inventory. Information obtained from activity 2,3 and 4 may be used to update the existing BCLI for agriculture.</b>	✓					
2. Improve soils and arability mapping	✓					
3. Inventory agricultural lands with potential for low conflict. Identify key habitats and biodiversity values, suitable arable soils, existing forestry investment and potential woodlot opportunities, areas with value for long term timber production	✓					
4. Allow input of local agriculture operators and appropriate government agencies into agriculture inventories	✓					

<b>Project 3: Grazing (MF)</b>		<b>Status: Not Started</b>				
<b>Task 3.1 Promote Grazing</b>		<b>Status: Not Started</b>				
♦ <b>Scheduled to start in May 2001 subject to availability of funding.</b>						
<b>Activity Status</b>		<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Restore fire maintained ecosystems		✓				

<b>Project 4: Timber Management (MF)</b>		<b>Status: Initiated</b>				
<b>Task 4.1 Develop and Deliver a Timber Management Strategy</b>		<b>Status: Initiated</b>				
♦ <b>The intent is to accomplish this task through the Innovative Forestry Practices Agreement (IFPA) which involves participation of MOF, MOE, licensees, First Nations and the public. Parts of the forestry plan (ones approved) pertaining to the timber will be adapted as the Timber Management Strategy.</b>						
♦ <b>The activities specified as part of the task are being considered and modelled (where possible) as part of the IFPA Scenario Planning. Currently the data package is being prepared for the spatial modelling of learning scenarios.</b>						
<b>Activity Status</b>		<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Increase long-term quality and quantity of timber			✓			
2. Allow intensive silviculture where appropriate			✓			
3. Allocate silvicultural funding using strategy			✓			
4. Provide opportunities for value added manufacturing			✓			
5. Provide opportunities that create more jobs per cubic metre			✓			
6. Aim to capture more value per cubic metre of wood for all timber products.			✓			
<b>Task 4.2 Develop Long Term Harvesting Plans</b>		<b>Status: Complete</b>				
<b>Activity Status</b>		<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Complete 20 year spatially-explicit plan which include long term access proposals						✓
♦ <b>An analysis (spatially-explicit) has been completed in September 1999 and showed no timber shortfalls for the next 70 years.</b>						
♦ <b>Due to the spruce and pine bark beetle epidemic in the District additional analysis may be required and completed in the future.</b>						
2. Develop strategies to mitigate short-term timber shortfalls, if needed						✓
♦ <b>Development of strategies to mitigate short-term timber shortfalls was not required as no short-term timber shortfalls were identified during the above analysis.</b>						
♦ <b>If additional analysis are completed showing shortfalls in timber supply, strategies will be developed to mitigate anticipated shortfalls.</b>						

<b>Task 4.3 Develop a Forest Health Management Strategy</b>						<b>Status: Not Started</b>					
◆ <b>Scheduled to start in May 2001 subject to availability of funding.</b>											
<b>Activity Status</b>						<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>	
1. Develop a Forest Health Management Strategy consistent with LRMP zones objectives							✓				
<b>Task 4.4 Monitor Harvesting</b>						<b>Status: Not Started</b>					
◆ <b>The first reporting on this task is scheduled for the year 2006. This task will be initiated following completion of TSR 2 so that appropriate information is available for establishing profile targets.</b>											
<b>Activity Status</b>						<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>	
1. Monitor harvesting of species, volume and RMA profiles at regular intervals of five years							✓				
<b>Task 4.5 Designate Provincial Forest as Forest Land Reserve (FLR)</b>						<b>Status: Not Started</b>					
◆ <b>Provincial direction was provided that addition to the FLR must wait until the issues of overlap with the Provincial Forests is addressed.</b>											
<b>Activity Status</b>						<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>	
1. Designate Provincial Forest as Forest Land Reserve as per strategy 1.2						✓					
<b>Task 4.6 Evaluate Lands for Suitability for FLR or Agriculture / Settlement</b>						<b>Status: Not Started</b>					
◆ <b>This task is subject to funding and staff availability.</b>											
◆ <b>The information from the Agriculture Project will be used to support portions of this task when available.</b>											
<b>Activity Status</b>						<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>	
1. Evaluate lands for suitability for FLR or Agriculture/Settlement (outside of those indicated in 1.2)						✓					
<b>Task 4.7 Develop and Implement a Deciduous Management Strategy (MWLAP/MOF)</b>						<b>Status: Not Started</b>					
◆ <b>Scheduled to start in May 2002.</b>											
<b>Activity Status</b>						<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>	
1. Maintain deciduous in deciduous-leading stands						✓					
2. Maintain percent cover in District						✓					



<b>Project 5: Recreation (MF)</b>		<b>Status: Not Started</b>				
<b>Task 5.1 Develop Back-country Lakes (BL) Management Plans</b>		<b>Status: Not Started</b>				
◆ <b>Scheduled to start in May 2001 subject to funding and staff availability.</b>						
<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>	
1. Define BL boundaries using topographic breaks, a 1 km buffer target and draft boundaries	✓					
2. Define objectives, acceptable use, acceptable change, zones	✓					
3. Define strategies to minimise conflict and to maintain values and forest health	✓					
4. Discuss opportunities for commercial backcountry recreation with tourism industry	✓					
5. Develop access management provisions (consider season, size, permanence, gates and monitoring and visual screening; determine provisions for motorised, non-road access)	✓					
6. Include public and inter-agency participants	✓					
<b>Task 5.2 Decommission Existing Access Within Back-country Lakes Where Appropriate</b>		<b>Status: Completed</b>				
◆ <b>No existing access within BCL areas that requires decommissioning</b>						
<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>	
1. Decommission existing access where appropriate					✓	
<b>Task 5.3 Chose an Alternative Lake if a BL Loses its Conservation and Recreation Values</b>		<b>Status: Not Started</b>				
◆ <b>Currently not required</b>						
<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>	
1. Choose an alternative lake, if a BL loses its conservation and recreation values	NA					
<b>Task 5.4 Develop Recreation Area Management Plans for Each Area in the Recreation Emphasis Sub-Zone</b>		<b>Status: Not Started</b>				
◆ <b>Scheduled to start in May 2001 subject to funding and staff availability.</b>						
<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>	
1. Define objectives, acceptable use and acceptable change	✓					
2. Define strategies to minimise conflicts and to maintain values	✓					
3. Define zones	✓					
4. Address access	✓					
5. Apply higher green-up standards to higher value areas	✓					
6. Include public and agencies	✓					

Task 5.5 Monitor Recreation Use		Status: Not Started				
◆ The first reporting on this task is scheduled for the year 2003.						
Activity Status		NS	I	M	SC	C
1. Monitor recreation use within the Recreation Emphasis Sub-Zone		✓				
2. Monitor levels and impacts of recreational use within the Back-country Lakes Sub-Zone		✓				

<b>Project 6: Cultural Heritage (MF)</b>		<b>Status: Not Started</b>				
<b>Task 6.1 Designate Appropriate FN Traditional Sites as “ Sensitive Areas “</b>		<b>Status: Not Started</b>				
♦ <b>Currently no site has been identified as appropriate for the sensitive area designation.</b>						
<b>Activity Status</b>		<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Designate appropriate FN traditional sites as "sensitive areas"		✓				

<b>Project 7: Watershed Management (MF)</b>		<b>Status: Initiated</b>				
<b>Task 7.1 Identify Watersheds that Require Watershed Assessment</b>		<b>Status: Initiated</b>				
♦ <b>Procedures for the task completion have been developed.</b>						
<b>Activity Status</b>		<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Consider aquatic resources which may be at risk, development rate and ecosystem resilience			✓			
♦ <b>The majority of the existing information pertaining to the fisheries values has been assembled. However, more info is required (speak to John Stadt for details)</b>						
<b>Task 7.2 Develop Guidelines for Timber Development in Domestic-use Watersheds</b>		<b>Status: Not Started</b>				
♦ <b>Scheduled to start in May 2001.</b>						
<b>Activity Status</b>		<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Develop guidelines for timber development in domestic-use watersheds		✓				

<b>Project 8: Silviculture (MF)</b>		<b>Status: Not Started</b>				
<b>Task 8.1 Within Special Resource Management Zone Rehabilitate / Enhance Habitat and Recreation Values of Sites Already Harvested</b>		<b>Status: Not Started</b>				
♦ <b>The first step to complete this task is to undertake a GIS analysis to determine which blocks need to be reviewed. Due to other priorities (timber supply review, landscape unit planning analyses, MPB priorities) the initiation of the project had to be delayed.</b>						
<b>Activity Status</b>		<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Review existing silviculture prescriptions to determine consistency with the objectives and strategies of this zone		✓				

<b>Project 9: Inventories (MF)</b>		<b>Status: Complete</b>				
<b>Task 9.1 Prepare a LRMP Inventory Plan</b>		<b>Status: Complete</b>				
♦ <b>LRMP Inventory Plan has been completed and distributed to the applicable agencies.</b>						
<b>Activity Status</b>		<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Prepare a LRMP Inventory Plan which identifies and ranks information and maps needed to improve resource management and to develop air and water quality objectives						✓

<b>Project 10: Special Resource Management Zone (MF)</b>		<b>Status: Not Started</b>				
<b>Task 10.1 Develop Guidelines to Protect Resource Values Within Special Resource Management Zone Where Appropriate</b>		<b>Status: Not started</b>				
♦ <b>The LRMP direction to protect resource values within Special Resource Management Zone is considered sufficient at this time. No new guidelines have been developed.</b>						
<b>Activity Status</b>		<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Develop new guidelines where existing insufficient or do not exist ♦ <b>Not required at the time.</b>		✓				
3. Consult with LDMC and stakeholders ♦ <b>Not required as no new guidelines have been developed.</b>		✓				

<b>Project 11: Research (MF)</b>		<b>Status: Not Started</b>				
<b>Task 11.1 Investigate Opportunities to Use Back-country Lakes for Research</b>		<b>Status: Not Started</b>				
♦ <b>This project is subject to funding and staff availability and is a low priority for MOF. No work has been completed to date.</b>						
<b>Activity Status</b>		<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Investigate opportunities to use BLs for research		✓				

<b>Project 12: Water (MF)</b>		<b>Status: Not Started</b>				
<b>Task 12.1 Inventory and Classify Lake/ Lakeshore</b>		<b>Status: Not Started</b>				
♦ <b>This project is subject to funding and staff availability. Funding has been requested for the fiscal year 2001/002.</b>						
<b>Activity Status</b>		<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Inventory and classify lake/ lakeshore ♦ <b>Assembling the existing data is underway.</b>		✓				

<b>Project 13: New Protection Zone (MF)</b>		<b>Status: Midway</b>				
<b>Task 13.1 Develop a Memorandum of Understanding (MOU) with BC Parks</b>		<b>Status: Midway</b>				
♦ <b>The project has not yet been started due to workload.</b>						
<b>Activity Status</b>		<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Develop a MOU allowing joint determination of risks to adjacent values				✓		

<b>Project 14: Parks (BC PARKS)</b>		<b>Status: Started to Substantially Complete</b>				
<b>Task 14.1 Designate New Protected Areas and issue tenures for appropriate activities</b>						
♦ <b>All Lakes LRMP parks (Tweedsmuir Corridor; Entiako; Uncha Mountain Red Hills; Francoise Lake; Burns Lake; Babine Lake Marine Sites) have been designated.</b>						
♦ <b>Existing tenures are being summarized, and Park Use Permits will be issued as appropriate.</b>						
<b>Activity Status</b>		<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Discontinue existing tenures for commodity extraction					✓	
2. Rehabilitate roads and blocks as appropriate					✓	
3. Retain tenures not based on commodity extraction					✓	
4. Allow non-commodity tenure holders to transfer rights					✓	
5. Retain existing commercial backcountry operations in new parks					✓	
6. Allow trapping					✓	
7. Facilitate sale of trapping tenures to parks where appropriate					✓	
8. Allow existing private property and related access					✓	
9. Compensate tenure holders where rights lost					✓	
10. Consult tenure holders about changes					✓	
11. Amend non-commodity tenures to comply with Parks policy					✓	

<b>Task 14.2 Manage resources and monitor use in Protected Areas</b>					
<b>◆ Management activities will be initiated as part of Park Management Plan development as funding permits.</b>					
<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Provide opportunities for primitive and backcountry recreation		✓			
2. Close roads and limit recreation access as appropriate		✓			
3. Monitor recreational use and impacts		✓			
4. Manage habitat of non-key fish and wildlife species		✓			
5. Investigate opportunities to use NPAs in studies		✓			
6. Use Range Management guidelines to maintain sensitive plant communities on grazing tenures		✓			
7. Preserve caribou habitat in the Entiako PA		✓			
8. Use fire to restore and conserve natural grasslands		✓			
<b>Task 14.3 Respect resources within and adjacent to New Protected Areas</b>					
<b>◆ Management Direction Statements have been developed which will guide these activities.</b>					
<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Where management includes prescribed burning, develop Fire Management Plans to protect adjacent resources and public		✓			
2. Discuss and co-ordinate management of NPAs and adjacent land		✓			
<b>Task 14.4 Develop Park Management Plans</b>					
<b>◆ Management Direction Statements (MDS's) have been initiated for all new parks except Entiako, where an Ecosystem Management Plan is being developed to address forest health and caribou habitat issues. Expected completion of the MDS's and Entiako Ecosystem Management Plan is March 2002. Park Management plans will be developed as funding permits.</b>					
<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Develop and use Management Direction Statements until Park Management Plans are Ready		✓			
2. Develop park-specific MPB management strategies	✓				
<b>Task 14.5 Collect resource inventories in new parks</b>					
<b>◆ Resource inventories will be conducted as funding and staff resources permit.</b>					
<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Collect resource inventories in new parks	✓				
<b>Task 14.6 Designate the Entiako PA as Class A park</b>					
<b>◆ The southern half (Vanderhoof LRMP) has been designated as a Class A Park. The northern half (Lakes District LRMP) is a "protected area" under the Environment and Land Use Act, and will move to Class A Park status on completion of the Entiako Ecosystem Management Plan.</b>					
<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Prior to Class A Park designation, develop an ecosystem based management plan which meets the dual objective under strategy 8.1		✓			

<b>Project 15: Mineral and Energy (Mineral and Energy Branch) Status: Ongoing</b>					
<b>Task 15.1 Promote exploration and development of new mining, energy and quarry Opportunities</b>					
<b>◆ The review of mineral reserves is an ongoing activity.</b>					
<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Existing "no staking" and "conditional" mineral reserves will be forwarded by M&E for review to Prince Rupert IAMC with a view to amending or Cancelling as appropriate.				✓	

<b>Project 16: Tourism / Recreation (MSRM) Status: Not Started</b>					
<b>Task 16.1 Maintain opportunities for a secure, long-term, viable tourism industry</b>					
<b>◆ Not yet started. Subject to funding for Tourism Opportunities Studies.</b>					
<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Inventory tourism feature, resources and commercial users	✓				
<b>Task 16.2 Provide opportunities for commercial backcountry recreation operations</b>					
<b>◆ Not yet started. Detailed planning will follow Tourism Opportunities Studies.</b>					
<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. In more detailed plans <ul style="list-style-type: none"> <li>Identify existing commercial backcountry recreation.</li> <li>Identify areas with capability and suitability for new operations.</li> <li>Recommend guidelines or policies to maintain existing and potential opportunities</li> </ul>	✓				
<b>Task 16.3 Consider other resource values</b>					
<b>◆ Not yet started. This task is external to MSBTC. Evaluation of Commercial Recreation Permits is via referrals from BCALC to MOF and MELP.</b>					
<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Avoid impacting significant recreation features	✓				
2. Maintain habitat and recreation values (apply most constraining guidelines when values overlap) within the Special Resource Management Zone	✓				
3. Direct new commercial infrastructure for tourism and recreation outside of Backcountry Lake Areas	✓				
<b>Task 16.4 Encourage community stability</b>					
<b>◆ Not yet started. Will follow the direction of Tourism Opportunities Studies.</b>					
<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Promote diversification by providing opportunities for development of non-extractive natural resource based industries.	✓				

**Project 17: Cultural Heritage (MSRM) Status: Not Started**

**Task 17.1 Encourage development of cultural heritage interpretative facilities and Programs**

◆ **Not yet started. Tourism Opportunities Studies and MOF Traditional Use Studies will identify sites having cultural significance.**

<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Assess opportunities for interpretative facilities and programs with FN and local communities	✓				
2. Consider signage for cultural heritage sites in strategic plans	✓				

**Project 18: Settlement (BC Assets and Land Cooperation) Status: Midway/Ongoing**

**Task 18.1 Recognize environmental conservation and other land use and management objectives**

◆ **These activities proceed on an ongoing referral basis in response to referrals and proposals. They are guided by resource inventories, settlement plans and Tourism and Economic Opportunity Studies**

<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Direct allocations away from land with significant environmental or resource values, where possible			✓		
2. Integrate settlement with other resource uses			✓		
3. Avoid impacting significant recreation features			✓		
4. Maintain habitat and recreation values (apply most constraining guidelines when values overlap) within the Special Resource Management Zone			✓		
5. Direct settlement towards municipalities, community plan areas and existing settlement corridors			✓		
6. Review settlement proposals with interested agencies			✓		
7. Promote diversification by providing opportunities for development of non-extractive natural resource based industries.			✓		



**Project 19: Agriculture (BC Assets and Land Corporation) Status: Not Started**

**Task 19.1 Assess proposed agricultural lease sites**

◆ **Not started. Will follow necessary inventory of agriculture capability/suitability and wildlife habitat capability.**

<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Exclude critical habitat from agriculture leases following referral response from MWALP or MSRM's habitat staff.	✓				
2. Describe ways to minimise impacts to wildlife and habitat in Agriculture Lease Plans	✓				
3. Assess proposed agricultural lease sites for: <ul style="list-style-type: none"> <li>• key habitats and biodiversity values</li> <li>• suitable arable soils</li> <li>• existing forestry investment and woodlot opportunities following MOF referral response</li> </ul>	✓				

**Project 20: Ecosystems (MWLAP/MSRM) Status: Not Started**

**Task 20.1 Maintain healthy, functioning ecosystems**

<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Develop inventories and terrestrial ecosystem maps (interpretive and field based) mapping ecologically valuable areas first ◆ <b>Terrestrial Ecosystem Mapping being completed for caribou migration corridor. PEM project proceeding under the EFMPP. (MSRM)</b>		✓			
2. Develop and implement an ecological monitoring program ◆ <b>Lichen monitoring study beginning this year in the caribou migration corridor.(MSRM)</b>		✓			
3. Investigate opportunities to use BLs for ecosystem research	✓				
4. Develop guidelines to address forest encroachment	✓				
5. Address public concern over chemicals ◆ <b>Pest Management Plan review and approval process is the mechanism to address this objective.</b>	NA				
6. Prevent introductions of fish into certain lakes currently without fish ◆ <b>Current policy provides for rigorous review of any new stocking programs. No new lakes are currently slated for stocking.</b>	✓				
7. Restore wild fish stocks where necessary	✓				

**Task 20.2 Protect, conserve and reduce risks to rare, threatened and endangered terrestrial and aquatic species (MWLAP).**

<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Obtain information on rare, threatened and endangered species ♦ <b>This information is being collected, on an ongoing basis, by the Conservation Data Centre.</b>			✓		
2. Prepare and maintain an inventory of red and blue listed species ♦ <b>This activity is being collected, on an ongoing basis, by the Conservation Data Centre.</b>			✓		
3. Monitor species at risk	✓				

**Project 21: Fish (MWLAP) Status: Not Started or Initiated**

**Task 21.1 Ensure the sustainability of fish species diversity and populations, especially wild fish stock**

<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Use inventory to identify and rank sensitive fish habitats requiring protection or site-specific management <b>◆ Not yet started in Lakes F.D. Industry inventories can contribute. Dependent on staff time and resources.</b>	✓				
2. Keep inventories of fish populations sufficient to calculate sustainable harvests <b>◆ Not started. Dependent on staff time and resources.</b>	✓				
3. Develop a strategic Fisheries Plan <ul style="list-style-type: none"> <li>• Identify objectives and strategies for specific fish species</li> </ul> <b>◆ Strategic Program Plan for BC Freshwater fisheries was completed (Draft 1) in February 2001. Not yet interpreted for specific waters in the Lakes LRMP area.</b>		✓			
4. Identify areas where over-fishing threatens populations <b>◆ This activity is responsive to specific situations (example: Ogston Lake and Clark Lake where emergency measures were implemented). No threat of overfishing currently identified in the lakes LRMP.</b>				✓	

**Project 22: Wildlife (MWLAP) Status: Not started or initiated**

**Task 22.1 Maintain the regional diversity and suitable abundance of native terrestrial animal species**

◆ **Not started due to funding and staff resourcing constraints.**

<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Recommend "wildlife habitat areas" or "sensitive areas" for establishment adjacent to alpine and subalpine environments	✓				
2. Recommend a "wildlife habitat area" or "sensitive area" for establishment at the headwater of Tildesly Creek	✓				
3. Establish Grizzly Bear Management Plans (may be MSRM) and areas ◆ Some high value grizzly bear habitat has been included in Protected Areas.	✓				
4. Minimise road/rail kill by educating drivers ◆ Educational material is provided to ICBC – relatively low priority.	✓				
5. Upgrade the quality of information on habitat requirements and capability over time (field research and inventory mapping) ◆ Started in Tweedsmuir: Cariboo and Terrestrial Ecosystem Studies in cooperation with BC Parks and MOF.		✓			
6. Enhance ungulate forage and habitat in key winter habitats (strategic plans, MELP initiatives) ◆ Not currently funded as a priority activity. Subject to availability of staff and resources.	✓				

**Task 22.2 Integrate agriculture and wildlife both in the Agric/Settlement zone and Throughout the planning area (BCAL/MAFF/MWLAP).**

◆ **Not started; BCE Responsibilities for this task will be clarified over the next 6 months.**

<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Describe ways to reduce impacts to agriculture in wildlife population and habitat enhancement proposals	✓				
2. In the Agriculture Settlement Zone, monitor and review conflicts between wildlife and agriculture/settlement	✓				

<b>Task 22.4 Within the Caribou Migration corridor, address factors affecting caribou population success focusing on providing/maintaining quality caribou habitat and movement opportunities enabling caribou migration during spring and autumn and providing for winter range (MSRM/MWLAP).</b>					
<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Use adaptive management to study impacts on caribou and lichens. ◆ New lichen monitoring study to begin in 2001-2002. Caribou monitoring study is continuing. Caribou, moose and Grizzly bear Capability/Suitability mapping will be completed this year.		✓			
2. Address non-habitat caribou management issues ◆ Underway through seasonal access restrictions in the caribou migration corridor		✓			
<b>Task 22.5 Within the Ungulate Winter Habitat Sub-Zone, maintain/enhance viable winter range habitat areas for populations of ungulate species (MWLAP/MOF).</b>					
<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Improve inventories of ungulate winter habitats with ecosystem mapping ◆ Caribou, moose and Grizzly bear Capability/Suitability mapping will be completed this year for the caribou migration corridor.		✓			

**Project 23: Water and Air (MWALP) Status: Not started**

**Task 23.1 Maintain water quality, quantity and timing of flow at appropriate levels**

<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Set measurable water quality objectives and assess the impacts of development on water quality within community watersheds and watersheds that have significant downstream fisheries or domestic water values ◆ New studies of benthic invertebrates (index of biological integrity) are planned for 2001/2002.	✓				
2. Prepare Water Management Plans to guide licensing, community development planning and resource use where appropriate ◆ Plans are prepared on a priority need basis if staff and resources are available.	✓				
3. Minimize agricultural related decline in water quality and degradation of streambanks and riparian areas ◆ Handled on a referral basis for priority issues. ◆ MELP is planning an agricultural impact study in 2001/2002	✓				
4. Inform strategic planning about agricultural use of water. ◆ Note stewardship program for Burns and Decker Lakes conducted by the Lakes District Watershed Enhancement Society	✓				

**Task 23.2 Maintain air quality within established national and provincial criteria**

<b>Activity Status</b>	<b>NS</b>	<b>I</b>	<b>M</b>	<b>SC</b>	<b>C</b>
1. Monitor communities with poor air quality first ◆ Burns Lake has ambient air quality monitoring ◆ Revision of "Bulkley Airshed Management Document" will include Lakes area – planned start in 2001.			✓		
2. Encourage partnerships to address air quality, targeting action on localised sources of pollution			✓		

## **Concluding Comments**

This report is a snapshot in time for the incremental tasks identified in the Lakes LRMP. Not only is the status of these tasks continually evolving, but the distinction between base and incremental tasks may change as program priorities are better defined under the new organizational structures of the Ministries of Sustainable Resource Management and Water, Air and Land Protection.

Readers should contact the agency representatives listed below for the most up to date status of LRMP activities. (note: no Ministry of Water Land and Air Protection (MWLAP) agency rep. noted at this time)

## **AGENCY REPRESENTATIVES**

Ministry of Sustainable Resource Management (Lakes F.D.): Gunter Hoehne (692-2226)

Ministry of Sustainable Resource Management: (Fish, Wildlife, Habitat): John Stadt (692-2229)

Ministry of Sustainable Resource Management: (Parks): Peter Levy (847-7289)

Ministry of Energy and Mines: Jill Pardoe (847-7826)

B.C. Assets and Land Corporation: Ian Smythe (847-7331)

Ministry of Agriculture, Food and Fisheries: Mark Yawney (963-2518)

Prince Rupert Inter-agency Management Committee: Elizabeth Zweck (847-7425)