

File: 10355-00 Cultural Heritage Resources

August 28, 2002

First Nations
Major Licensees
Community Forests
BC Timber Sales
Woodlot Licensees
Lakes Forest District

This letter relates to the management of cultural heritage resources (CHRs) within the Lakes Forest District. This letter replaces the September 2, 1999 letter about culturally modified trees (CMTs) and the draft letters dated August 16, 2001.

Cultural heritage resources are defined in the *Forest Act* and include archaeological sites and traditional use sites. Specific examples of CHRs include CMTs, traditional trails, cache pits, house pits and campsites. Archaeological sites and traditional use sites are defined in the Lakes Forest District Cultural Heritage Resource Manual. Cultural Heritage Resource Manuals are available in hardcopy, on a CD or on the FTP site from the Lakes Forest District. CHRs that pre-date 1846 are protected and managed by the Archaeology and Forests Branch through authority provided by the *Heritage Conservation Act*. CHRs that post-date 1846 are managed by the district manager through authority provided by the *Forest Practices Code of British Columbia Act*, *Operational Planning Regulation* and the *Forest Act*.



Cultural heritage resources within the district will be managed for all areas of harvest, including areas exempted under the *Bark Beetle Regulation*, cutblocks, small scale salvage, minor salvage operations and roads. To improve management of CHRs, the district has worked with archaeologists and first nations to compile an inventory of potential and known resources through the Lakes Archaeological Resource Project (LARP – ArcView platform). The inventory consists of a database (Access software) containing specific and confidential information and a map showing the location of CHRs. The district contracted archaeologists to construct Archaeological Overview Assessment (AOA - ArcView platform) maps for the district.

When the LARP map and the AOA maps are overlaid, a cultural heritage resource map, or CHR map, is created. This map shows the known and potential location of specific CHRs as well as the potential of an area for finding previously unidentified CHRs. The district will provide digital LARP and AOA maps to licensees, with the exception of woodlots. Woodlot licensees will be

To: Lakes Forest District

provided with direction for further action to protect and/or manage CHRs through the district manager under separate format.

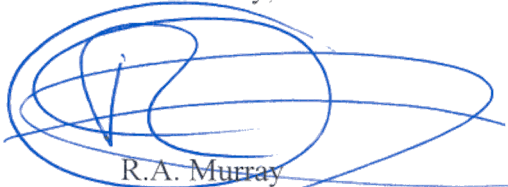
The management practice will be as follows:

The licensee must compare the AOA and LARP maps for each area that will be harvested through the creation of a cultural heritage resource map. A sample CHR map is attached.

- 2) The licensee must complete a CHR spreadsheet using the CHR map for each area. The recommendation must be completed using the attached tables: Management Actions for Cultural Heritage Resources – winter conditions for bark beetle infested timber or summer conditions and areas not infested with bark beetle. The tables and a sample CHR spreadsheet are attached. It is recommended that a copy of the CHR map & spreadsheet be retained in the file for the area. Compliance & Enforcement or the Aboriginal Liaison Officer may request a review of this information from time to time.
- 3) The licensee must complete the action recommended in the spreadsheet. The process for reconnaissance is described in this manual. Archaeological impact assessments must be completed by archaeologists.
- 4) A table summarizing the results of the CHR spreadsheet and the results of the field reconnaissance or AIA must be maintained and retained by the licensee.
- 5) The summary table and copies of the field cards, photos and final reports for reconnaissance and AIAs must be submitted in hardcopy format to the Lakes Forest District by May 31st each year. This information will be used to update the LARP database and map.

The contact for the Lakes Forest District is Alex Bergen, Recreation Officer. The contact for BC Timber Sales is Cheryl Delwisch, BCTS Planning Forester. These individuals can be reached at (250) 692-2200 for further information or to receive map data.

Yours truly,



R.A. Murray
District Manager
Lakes Forest District

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Attachment(s): Sample CHR map and spreadsheet; and
Management Actions for Cultural Heritage Resources.

CHR Map 1:20,000

- MOTH Roads
- MOF Roads
- Potential Trails
- Streams
- Indian Reserves
- Campsites
- Cabins
- Burial Sites
- K031 CHRs
 - H
 - MH
- K031 CMTs
 - H
 - L
 - M
 - MH
- Site Numbers



TSL A16000
BIK 1

TSL A16000
BIK 2

1177

178



Management Actions for Cultural Heritage Resources

Harvest under Winter Conditions for Bark Beetle Infested Timber

CHR MAP CATEGORY	RATING	ACTION	FURTHER INFORMATION
Potential for CMTs.	Low, moderate or moderate to high; and	No reconnaissance or AIA required.	Harvest may occur without reconnaissance or assessment.
Other potential CHRs.	No potential CHRs documented; and		
Known CHRs.	No CHRs other than post-1846 bark-stripped CMTs.		
Potential for CMTs.	High; or any rating combined with	Reconnaissance required.	CHR reconnaissance must be completed on behalf of the licensee. CHR recce standards outlined in the manual must be followed. Reconnaissance may occur during winter as long as snow conditions do not obscure CMT scars. Harvest may occur if no CHRs other than post-1846 bark-stripped CMTs are present. If the potential for other resources is moderate to high or high and there are known resources in the area, other than post 1846 CMTs, and post harvest site disturbance will occur (ie mechanical site preparation), a post-harvest AIA is required.
Other potential CHRs.	Moderate to high or high potential for other potential CHRs or traditional trails; and		
Known CHRs.	No known CHRs other than post-1846 bark-stripped CMTs documented.		
Known CHRs other than post-1846 bark-stripped CMTs.	Known CHRs other than post-1846 bark-stripped CMTs on CHR map.	Contact LFD for further direction.	If winter roads are to be upgraded for summer or all season use and the CHR map shows known CHRs other than post-1846 bark-stripped CMTs, the road may require a pre-construction AIA to locate in-ground CHRs.
RECCE RESULTS	ACTION		
Post-1846 bark-stripped CMTs or no CHRs.	Post-1846 bark-stripped CMTs must be located and recorded as outlined in this section. No further actions are required.		
CHRs other than post-1846 CMTs are found.	Contact the Lakes Forest District for direction.		
These conditions apply to all actions.			
<ul style="list-style-type: none">Culturally modified trees (CMTs) includes bark stripped trees, message trees, and trail markers.Cultural heritage resources (CHRs) refer to any cultural heritage resource, including CMTs, traditional trails, cache pits, house pits and campsites.Archaeological impact assessments (AIAs) must be completed by an archaeologist.Traditional trails have been digitized from hardcopy sources and have not been field confirmed. Until field confirmation, they are considered a potential resource value.Section 51 of the <i>Forest Practices Code of British Columbia Act</i>, <u>Previously unidentified resource features</u> applies to all harvest areas regardless of recommended management action.			

CHR SPREADSHEET

License : TSL A16000, BLK 1		Date: March 14, 2002		Author: Cheryl Delwisch
The following block is infested with bark beetles and will be harvested under winter conditions.				
CHR MAP CATEGORY	RATING	ACTION	FURTHER INFORMATION	
Potential for CMTs	Low; and	No reconnaissance or AIA required.	Harvest may occur without reconnaissance or assessment.	
Other potential CHRs.	No potential CHRs documented; and			
Known CHRs.	No known CHRs documented			
Section 51 of the <i>Forest Practices Code of British Columbia Act</i> requires that persons that find previously unidentified resource features, including cultural heritage resources, must not harvest or modify the resource feature and must promptly advise the district manager of the resource feature. In the case of cultural heritage resources on active harvest sites, the district manager has directed licensees to contact Compliance & Enforcement.				

License : TSL A16000, BLK 2		Date: March 14, 2002		Author: Cheryl Delwisch	
The following block is infested with bark beetles and will be harvested under winter conditions.					
CHR MAP CATEGORY		RATING		ACTION	
Potential for CMTs.		Low; and		Reconnaissance required.	
Other potential CHRs.		Potential traditional trail and moderate to high and high potential for other CHRs; and			
Known CHRs.		No known CHRs documented.			
Section 51 of the <i>Forest Practices Code of British Columbia Act</i> requires that persons that find previously unidentified resource features, including cultural heritage resources, must not harvest or modify the resource feature and must promptly advise the district manager of the resource feature. In the case of cultural heritage resources on active harvest sites, the district manager has directed licensees to contact Compliance & Enforcement.					



Management Actions for Cultural Heritage Resources

Harvest under Summer Conditions or Areas NOT Infested with Bark Beetles

CHR MAP CATEGORY	RATING	ACTION	FURTHER INFORMATION
Potential for CMTs.	Low, moderate or moderate to high; and	No reconnaissance or AIA required.	Harvest may occur without reconnaissance or assessment.
Other potential CHRs.	No potential CHRs documented; and		
Known CHRs.	No CHRs other than post-1846 bark-stripped CMTs.		
Potential for CMTs.	High; or any rating combined with	Reconnaissance required.	CHR reconnaissance must be completed on behalf of the licensee. CHR recce standards outlined in the manual must be followed. Harvest may occur if no CHRs other than post-1846 bark-stripped CMTs are present. If the potential for other resources is moderate to high or high and there are known resources in the area, other than post 1846 CMTs, and post harvest site disturbance will occur (ie mechanical site preparation), a post-harvest AIA is required.
Other potential CHRs.	Moderate to high or high potential for other potential CHRs or traditional trails; and		
Known CHRs.	No known CHRs other than post-1846 bark-stripped CMTS documented.		
Potential for CMTs.	Any rating; and	Pre-harvest archaeological impact assessment required.	If winter roads are to be upgraded for summer or all season use and the CHR map shows known CHRs other than post-1846 bark-stripped CMTs, the road may require a pre-construction AIA to locate in-ground CHRs.
Other potential CHRs.	Any rating; and		
Known CHRs.	Known CHRs other than post-1846 bark-stripped CMTs documented.		
RECCE RESULTS		ACTION	
Post-1846 bark-stripped CMTs or no CHRs.	Post-1846 bark-stripped CMTs must be located and recorded as outlined in this section. No further actions are required.		
Other CHRs are found.	Contact the Lakes Forest District for direction.		
AIA RESULTS		ACTION	
Post-1846 bark-stripped CMTs or no CHRs.	Contact the Lakes Forest District for direction.		
CHRs other than post-1846 CMTs are found.	Contact the Lakes Forest District for direction.		
These conditions apply to all actions.			
<ul style="list-style-type: none">Culturally modified trees (CMTs) includes bark stripped trees, message trees, and trail markers.Cultural heritage resources (CHRs) refer to any cultural heritage resource, including CMTs, traditional trails, cache pits, house pits and campsites.Archaeological impact assessments (AIAs) must be completed by an archaeologist.			

- Traditional trails have been digitized from hardcopy sources and have not been field confirmed. Until field confirmation, they are considered a potential resource value.
- Section 51 of the *Forest Practices Code of British Columbia Act*, Previously identified resource features applies to all harvest areas regardless of recommended management action.