



# 2009 Annual Report

## New Developments

### Loon Lake Research & Education Centre

2009 saw the completion of a number of projects at Loon Lake. During the year, the Gateway to Camp was finally completed with the opening of the Norm and Betty Pelton Rotary Field. This project was jointly funded by the Ridge Meadows and Haney Rotary Clubs and the Malcolm Knapp Research Forest. It provides washrooms and showers with handicap access for the playing field at the camp entrance. Also completed in conjunction with the gateway was a residence for our Camp Hosts – Ruby and Dave Fraser. This shelter was funded by a donation from the Forestry Class of 1959.

Our outdoor activity centre was also upgraded with the completion of a timber frame outdoor shelter constructed courtesy of our sawmill contractor, Gallant Enterprises.

Loon Lake hosted its sixth Camp Goodtimes in conjunction with the Canadian Cancer Society and recorded over 19,540 overnight stays in 2009. This broke last year's record by 9%.

Guests at Loon Lake this year included Langara College, The Justice Institute of BC, the Koerner Foundation, BC Timber Sales, the UBC Presidents Office, and many other educational and corporate groups.

The major challenge now in making Loon Lake a success is in establishing our brand in the market place, achieving name recognition and improving occupancy during the winter season. Our marketing program is being expanded in 2010.



*Gateway to the Norm and Betty Pelton Rotary Field*



*Loon Lake's outdoor activity shelter*

## Operations

2009 harvesting at MKRF (including Woodlot W0037) is summarised below:

Silviculture system	Area (ha)	Volume harvested (m <sup>3</sup> )
Clearcut	20.9	13,171
Clearcut with reserves	8.7	6,630
Variable Retention	0.3	117
Patch cut	4.4	2,743
Salvage	0.3	158
Commercial thinning	11.9	3,391
Roads/utilities	4.2	2,724
<b>Total</b>	<b>50.7</b>	<b>29,033</b>

Despite continuing poor market conditions for logs and commodity products, the Research Forest continued its harvesting program in 2009. Our main strategy was to concentrate on producing value

added products. Cedar poles, hemlock piling, house logs and timbers were major target products, as well as sawlogs for the MKRF sawmill.

Our commercial thinning program was restarted in 2009, but was limited to a relatively small volume due to market conditions. We consider thinning to be an essential forest management activity needed to produce high future value timber products.

Harvest methods employed in 2009 included ground based, and skyline.

Sawmill production totalled over 453,000 board feet in 2009, including all structural timber for our Loon Lake construction projects.

New road construction in 2009 totalled 2,879 meters.

## Silviculture

Our 2009 silviculture program focussed on stand establishment, including deer protection and brushing. Douglas-fir, western redcedar, yellow cypress, white pine, amabilis fir, and red alder were planted. A summary of silviculture achievements is as follows:

Silviculture activity	Hectares	Trees
Planting	44.7	65,235
Brushing	13.1	-
Deer protection	3.0	-
Juvenile spacing	-	-
Surveys	153.8	-
<b>Total</b>	<b>214.6</b>	

For more information, please contact Cheryl Power

## Education and Extension

2009 was another busy year for education on the Forest. 30 UBC students attended the annual Spring Field School at Loon Lake in April. Conservation Field School was also held at the forest in October and was attended by 28 students.



Spring Camp 2009 Class at Loon Lake

School programs and recruitment activities continued in 2009.

In total, over 6,000 K-12 students stayed at Loon Lake or participated in forestry and conservation curriculum and recruitment activities at MKRF during the year.

Guest groups at the Walter C. Koerner Forestry Centre at Loon Lake included the IEA International Bioenergy Conference, BC Timber Sales, and the Justice Institute of BC.

Also in 2009, UBC signed a Protocol Agreement with the Katzie First Nation which recognizes the Katzie's interest in the Research Forest as part of their traditional territory and commits UBC and Katzie to work together on a variety of initiatives in the future. Katzie are seeking to obtain a Community Forest License in the Maple Ridge area and would like UBC to be involved in this effort.

## Research

10 research projects were initiated in 2009 bringing the total number of active projects to 88. In total, 891 projects have been initiated since the forest was dedicated in 1949. Highlights of the program were:

- Rare Sphagnum bog wetland invertebrates
- Long-eared Myotis survey
- Assisted Migration and Adaptation Trial (AMAT)

Although funding was cut from the BC Forest Sciences Program for 2009, we continued to maintain and improve access and signage for several major projects on the Forest, ensured updating, security and accessibility of research projects data through the Research Projects Database

([www.rpd.forestry.ubc.ca](http://www.rpd.forestry.ubc.ca)) and updated silviculture records through the Silviculture Database.

For more information, please contact Ionut Aron.

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