

Ministry of Forests & Range LBIS Funding Request Form

Investment Category: Forest and Range Health – Monitoring– Annual Reporting of Forest Health Conditions
Investment Category Contact: Tim Ebata
Amount Requested: \$1.0 M Field Services and \$.200 M FPIB
Request Rationale (no more than 1 page): <p><i>ISSUE:</i> Forest disturbances occur throughout the province at different locations and levels of severity and are rarely predictable. The Province has continued to monitor forest health conditions following the termination of the CFS's Forest Insect and Disease Survey in 1995 and thus is adding to a continuous record starting in 1914. Trained observers record both biotic and abiotic disturbances using a standardized method across the entire province. The method includes fixed-wing aerial surveys with some ground observations and assessments by specialists. This survey is essential for directing treatment and salvage operations, supplying Timber Supply analysis with estimates of the annual rates of loss to the inventory, and is the key data source for documenting the changes in pest damage linked to climate change.</p>
<p><i>Annual funding request:</i> Field Services (delivery by regional specialists) - \$1.0 M. Monitoring, training and reporting by FPIB- \$0.200 M</p> <p><i>Linkage to LBIS goals, objectives and strategic priorities:</i></p> <ul style="list-style-type: none"> • From "MFR Service Plan Goal #4 – Vigorous, efficient and world competitive forest and range sector" • From "MFR Service Plan and Guidance for developing the 11/12 LBIS" Goal #1 – maximum productivity of forest and range resources; • Protection of mid-and long-term timber supply from potential catastrophic disturbance (from 11/12 LBIS Funding Principles); • Investments are province-wide but focus on the operable land base <p><i>Benefits:</i></p> <ul style="list-style-type: none"> • Numerous users of the data: Timber Supply Analysis, PAB, RTEB, MFR operations for harvest and treatment planning, MFR and other researchers monitoring impacts of climate change, Carbon Accounting, Community Development, Energy and Mines, Bark Beetle Action Coalitions, BC Transmission Corporation, etc. <p><i>Investments Target Timber Supply Issues</i></p> <ul style="list-style-type: none"> • This is baseline data supplying all TSAs with annual loss factors which are incorporated as Non-Recoverable Loss (NRL) estimates in TSR. Provides early warning of major disturbances threatening standing timber inventory. <p><i>Biological Window:</i></p> <ul style="list-style-type: none"> • Spring 2010 – Planning for survey, contract and map preparation, training and coordination • Summer 2010 – aerial survey conducted from early July to Mid-September. Weather and smoke delays can occur. Ground sampling is conducted to determine the causal agents that are difficult to interpret from air calls and to supply information on pest conditions not visible from the air. • Fall 2010 – map compilation, error checking and digitization. First summary available in mid-November. • Winter 2010– Spring 2011 – Final summary and preparation of annual Forest Health Conditions report.

Amount Allocated (to be filled out by FPIB):
Allocation Rationale (to be filled out by FPIB):

Describe the issue being addressed including:

- a) the size and general area of impact within the province*
- b) How much total funding would be required to resolve the issue*
- c) How long it would take to resolve the issue at the proposed funding level*

Provide a brief description of

- a) magnitude of the impact in addressing the Land Based Investment Strategy goals, objectives, and strategic priorities resulting from the investment¹;*
- b) multiple benefits that can be achieved from the investment²;*
- c) how the investment addresses structural timber supply or ecological integrity issues;*
- d) specific biological windows for success related to the investment*

¹ Does the investment result in a significant contribution to achieving the provincial goals and objectives?

² Does the investment assist in the achievement of indicators or targets in other investment categories?