

Woody Debris Management Information Flip (Info Flip)

Our proposal is to develop an Info Flip for forest harvest planners, equipment operators and burning supervisors that will focus on the management of woody debris generated from logging operations. The Info Flip will cover planning considerations, best management practices with respect to harvesting and debris piling, and the timing and techniques used for burning. The intent is to reduce downstream impacts on air quality resulting from the burning of woody debris by:

- Reducing the overall volume of woody debris that will require post harvest abatement
- Preparing excess woody debris for clean, efficient combustion
- Optimizing the timing of burning to reduce overall emissions

Project Objective

- To produce a user friendly guide (Info Flip) for Forest Harvesting Debris Management

Rationale

At present, it is common practice in many Operations to automatically pile and burn excess woody debris regardless of location or the risk factors involved. Equipment operators come and go and the quality of piling is highly variable, with many piles being poorly constructed. This combined with insufficient curing times and/or burning when the venting is not adequate can greatly exacerbate the negative impacts of a burning program. The info flip would outline a methodology for determining the risk ranking of a setting and suggest management strategies. The photographs and text outlining best management practices for piling would serve as an excellent training tool and reminder for Planning Personnel and Equipment Operators in the field. Striving to improve current practices and eliminating the need for burning where conditions permit are important factors in reducing the impacts on air quality.

This project was originally initiated by the Pilot Fuel Burn Pan Committee. Members of this group will review and provide input as the Info Flip is developed.

Proposed Content and Methodology

Following is a draft outline of the Info Flip content. A combination of text, illustrations, and photographs will be used to demonstrate the concepts discussed.

Harvest Debris Risk/Treatment Matrix

Preharvest Planning Considerations

Post Harvest Treatment

Post Harvest Assessment

Dispersal

Piling for Burning

Piling for Wildlife

Secondary Products

Burn Planning with Contingencies

Emergency Response

Pre Burning Checklist

When to Burn

Fuel Condition

Fire Weather Indices

Venting

On Site Considerations

Burning Methods

Forest Company

This project will be coordinated by TimberWest Forest Corporation in consultation with MoF personnel and other Forest Protection Practitioners.

Resources Required

Development of Info flip Content (RPF Rate for 2 based on \$450.00 day rate @ approx. 14 days/each)	\$12,600.00
Truck Rate \$0.48/km based on estimate of 2500km	\$1200.00
Info Flip Development – Based on 3 sided Flip	\$3000.00
Info Flip Printing based on first run of 200	\$3200.00
Total	\$20,000.00

TimeFrame

Acceptance of Proposed Content	Oct 17, 2008
Draft – Text Only	Nov 14, 2008
Draft – Text, Photographs & Illustrations	Jan 31, 2008
Final Draft	Feb 28, 2009

If you have any questions please feel free to contact us.

Sincerely,

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