

Community economic development Vital





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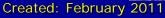
Community economic development Billy





Community economic development







Community economic development Robert







Community economic development Sonny





Community economic development New Contractor Dean & Deano









Community economic development

HARVEST VOLUME ASSOCIATED- 90 000m³-110 000m³

ASSOCIATED INCOME- \$ 1.7 - \$2.0 Million/year



Completely First Nations Owned and Operated

HARVEST VOLUME - 210 000m³ - 220 000m³

ASSOCIATED INCOME- \$ 7.3- \$7.7 Million/year

























Created: repruary 2011



Financial / admin assistance

Fair industry-standard rates

The cost of wood is the largest cost to any sawmill and one of the most significant to a pulp mill

NorSask and MLMP have shown <u>significant</u> effort and flexibility in maintaining local community and contractor involvement



To provide the mills with the highest quality of usable fiber that can be used to make the highest quality products.

LOG QUALITY: Optimizes recovery, reduces waste and minimizes production costs.







A correctly processed log =

No undersize top No crook No fork No dry wood No butt flare No snipe branch No snipe end Minimal rot Minimal sweep Minimal catface



Poorly processed logs will <u>not</u> be hauled and/or <u>no payment</u> will be made.





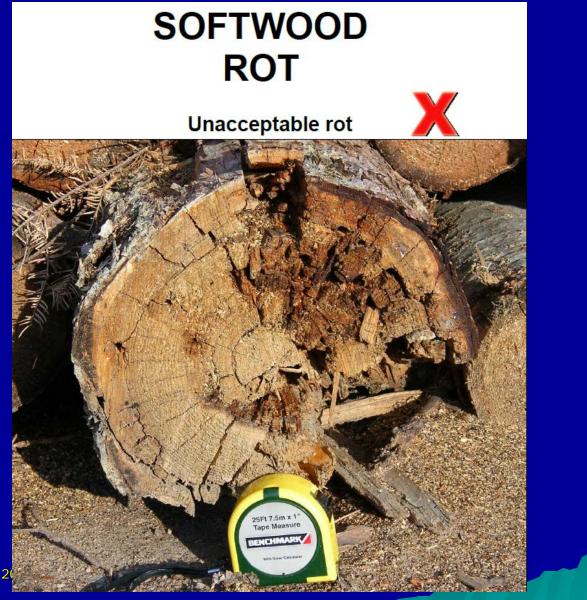


Poor quality logs <u>cannot</u> be made into high-quality lumber









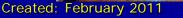


SOFTWOOD TOP SIZE

Unacceptable top size – too small









SOFTWOOD SNIPE BRANCHES

Unacceptable 'snipe' branches on bole of log



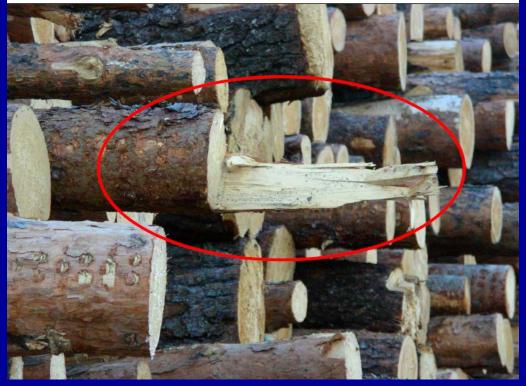


SOFTWOOD **SNIPE ENDS**

<u>Unacceptable</u> 'snipe' end on log



All cuts on the end of all logs must be straight and 'clean'





SOFTWOOD SWEEP

Unacceptable 'sweep' within log



All logs **must be straight** A straight 2 X 4 cannot be made from a crooked log

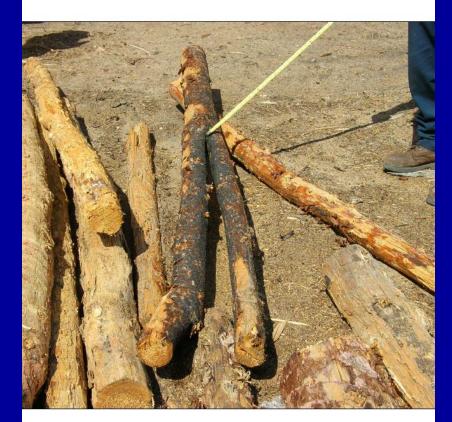




SOFTWOOD FORK

Unacceptable 'fork' within log







SOFTWOOD CROOK

Unacceptable 'crook' within log



All crook **must be removed** so that the profile of the log is consistent from end to end





X

SOFTWOOD CATFACE

Unacceptable 'catface' or injury within log





SOFTWOOD BUTT FLARE

Unacceptable 'butt flare' on log



X



MISTIK MANAGEMENT LTD





Remember – lumber markets are fussy – the only \$\$ to be made is with <u>top quality</u> lumber



It's <u>OUR</u> job to ensure the production of <u>TOP QUALITY</u> softwood logs



NorSask Forest Products Inc. Timber Utilization and Defect Removal Specifications (2015/16)

LOG QUALITY BONUS/PENALTY SYSTEM

The log quality assessment ensures NorSask is receiving properly processed and loaded logs that will optimize recovery and produce the quality of board required for consistent high quality lumber. The Log Quality Measurement (percentage) will be determined by dividing the number of logs that meets the Utilization Standards by the total delivered logs in each sample load. Logs are defined as 8° bolts and as such, 16°, 17°, and 18° logs count as two logs. When assessing length measurements, only one bolt in a 16°, 17°, or 18° log can be assessed a penalty. Only one penalty can be assessed against each 8° bolt. For example, an over length log with a small top will only receive one infraction.

Infraction	Measurement for Deduction
Excessive Rot	Greater than the allowance in the rot tables
Under-length	More than 0" under minimum log length
Over-length	Greater than 0" over maximum log length
Shatters/Snipes	Any piece found with a snipe end or shattered end
Forks	No forks allowed
Stubs/Limbs/Snipe branches	Any stub/limb not flush with stem
Crook	Any piece with crook as defined in the Log Specifications
Sweep	Any piece with sweep as defined in the Log Specifications
Metal/debris	Any piece with embedded metal or rocks
Flares	Any piece with flares as defined in the Log Specifications
Catfaces	Any large catface with rot
Dead/Dry	Any dead/dry piece as defined in the Log Specifications
Wildlife trees	Woodpecker holes, Wolf trees, Large conks, Nests
Undersize tops	More than 0" under minimum top diameter of 10cm (4")

Targets	Measurement for Bonus	
Exceptional Quality	Quality between 95.1 % and 100 %	+2%
High Quality	Quality between 90.1 % and 95.0 %	+1%
Average Quality	Quality between 85.1 % and 90.0 %	-
Poor Quality	Quality between 80.1 % and 85.0 %	-1%
Unacceptable Quality	Quality between 75.1 % and 80.0 %	-2%
Unacceptable Quality	Quality <75.1%	-5%
Unacceptable Quality	Hauling will be stopped until contractor has fixed the issues. If issue continues, NorSask may cancel contract or impose a fine	

