

Canoe Lake MU

Community economic development Vital



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Community economic development Vital



Canoe Lake MU

*Community economic development
Vital*



Canoe Lake MU

*Community economic development
Billy*



Canoe Lake MU

Community economic development



Canoe Lake MU

Community economic development Robert



Canoe Lake MU

Community economic development Sonny



Canoe Lake MU

*Community economic development
New Contractor Dean & Deano*



Canoe Lake MU

Community economic development

HARVEST VOLUME ASSOCIATED- 90 000m³-110 000m³

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

Waterhen Lake MU

*Completely First Nations Owned and
Operated*

HARVEST VOLUME - 210 000m³ -220 000m³

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

Waterhen Lake MU



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Waterhen Lake MU



Created: February 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 significant effort and flexibility in maintaining local community and contractor involvement

Product Delivery Objectives

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.

Product Delivery Objectives



Product Delivery Objectives

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 not be hauled and/or no payment will be made.



X

Product Delivery Objectives

Poor quality logs cannot be made into high-quality lumber



Product Delivery Objectives

SOFTWOOD ROT

Unacceptable rot



Product Delivery Objectives

SOFTWOOD TOP SIZE

Unacceptable top size – too small



Product Delivery Objectives

SOFTWOOD SNIPE BRANCHES

Unacceptable 'snipe' branches on bole of log



Product Delivery Objectives

SOFTWOOD SNIPE ENDS

Unacceptable 'snipe' end on log **X**

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



Product Delivery Objectives

SOFTWOOD SWEEP

Unacceptable 'sweep' within log



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



Product Delivery Objectives

SOFTWOOD FORK

Unacceptable 'fork' within log



Product Delivery Objectives

SOFTWOOD CROOK

Unacceptable 'crook' within log



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



Product Delivery Objectives

SOFTWOOD CATFACE

Unacceptable 'catface' or injury within log **X**



Product Delivery Objectives

SOFTWOOD BUTT FLARE

Unacceptable 'butt flare' on log



Butt or root flare **must be removed** from the bottom of the log so that the profile of the log is straight from end to end



Product Delivery Objectives



Product Delivery Objectives

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



It's OUR job to ensure the production of TOP QUALITY softwood logs

Product Delivery Objectives

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	