



J.D. Irving, Limited
PURCHASE WOOD SPECIFICATIONS

IRVING PULP & PAPER – SAINT JOHN, N.B.
FLAIL CHIP SPECIFICATIONS

EFFECTIVE DATE: May 14th, 2017 weight scale (oven-dry metric tonnes)

SOFTWOOD																	
SPECIES	<u>Spruce and balsam fir</u> . Any jack pine content must be approved <u>prior</u> to delivery by the JDI Wood Buyer. No other species is acceptable.																
AGE	Chips produced from live trees at the time of felling and not older than 3 months after the date felled.																
BARK	Up to 4% bark content (maximum) Loads with less than 6% bark will receive a bonus of \$3/ODMT Loads with greater than 6% will receive a penalty of \$3/ODMT																
CHIP SIZE	Acceptable chips are between 2 to 10 mm thick as determined by IPP quality sampling. <div style="text-align: center;">Acceptable Flail Chip Thresholds:</div> <table style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td style="text-align: center;">Winter</td> <td style="text-align: center;">Summer</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">Dec to Apr</td> <td style="text-align: center;">May to Nov</td> <td>Loads <u>exceeding</u> these thresholds will receive a <u>bonus</u> of \$2/ODMT</td> </tr> <tr> <td style="text-align: center;">Softwood</td> <td style="text-align: center;">77%</td> <td style="text-align: center;">79%</td> <td>Loads with <u>less than</u> these thresholds will receive a <u>penalty</u> of \$2/ODMT</td> </tr> <tr> <td style="text-align: center;">Hardwood</td> <td style="text-align: center;">85%</td> <td style="text-align: center;">88%</td> <td></td> </tr> </table>		Winter	Summer			Dec to Apr	May to Nov	Loads <u>exceeding</u> these thresholds will receive a <u>bonus</u> of \$2/ODMT	Softwood	77%	79%	Loads with <u>less than</u> these thresholds will receive a <u>penalty</u> of \$2/ODMT	Hardwood	85%	88%	
	Winter	Summer															
	Dec to Apr	May to Nov	Loads <u>exceeding</u> these thresholds will receive a <u>bonus</u> of \$2/ODMT														
Softwood	77%	79%	Loads with <u>less than</u> these thresholds will receive a <u>penalty</u> of \$2/ODMT														
Hardwood	85%	88%															
DEFECTS	No foreign materials including but not limited to plastic, rocks, soil, burned wood, oil or other contaminants.																
OTHER	These specifications apply only to flail chips, not chips from sawmills, chip plants or any other source.																
MAPLE OR MIXED HARDWOOD – As stated above with the following changes for species																	
MAPLE	<u>Red Maple or Sugar Maple</u> only.																
MIXED HARDWOOD	<u>Mixed hardwood</u> chips must contain only indigenous New Brunswick hardwood species but must <u>not</u> include poplar and/or aspen.																

All flail chip suppliers must attend an orientation session with IPP staff prior to first delivery of chips which will cover: on-site safety, use of scaling system, chip unloading, chip sampling, chip contamination. Any supplier who dumps an incorrect species, or a contaminated load, on a chip pile will not be paid for such load and may be charged the full cost to IPP associated with this action. Suppliers who do not meet these specifications or adhere to this process will be prohibited from further deliveries until notified by the JDI Wood Buyer. These specifications are subject to change with minimum notice.

Signed: _____

 Brent Thompson

Date: April 20, 2017