



# Supply Base Report: Grand River Pellets, Limited

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# Completed in accordance with the Supply Base Report Template Version 1.3

*For further information on the SBP Framework and to view the full set of documentation see [www.sbp-cert.org](http://www.sbp-cert.org)*

## *Document history*

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# 1 Overview

On the first page include the following information:

Producer name: Grand River Pellets, Limited

Producer location: 75 Grand River Road, St Leonard, N.B.E2E 2K3

Geographic position: Lat: 47.1912, Long: - 67.92875

Primary contact: Scott MacDougall

300 Union Street, Saint John, NB, E2L 4M3

506-632-7777

Macdougall.scott@jdirving.com

Company website: www.grandriverpellets.com

Date report finalised: 11/06/2020

Close of last CB audit: 16/06/2020

Name of CB: SCS

Translations from English: NO

SBP Standard(s) used: Standard 2 version 1.0, Standard 4 version 1.0 and Standard 5 version 1.0

Weblink to Standard(s) used: <https://sbp-cert.org/documents/standards-documents/standards>

SBP Endorsed Regional Risk Assessment: N/A

Weblink to SBE on Company website: N/A

Indicate how the current evaluation fits within the cycle of Supply Base Evaluations				
Main (Initial) Evaluation	First Surveillance	Second Surveillance	Third Surveillance	Fourth Surveillance
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## 2 Description of the Supply Base

### 2.1 General description

Grand River Pellets Supply Base consists of the following;

- J. D. Irving, Limited owned land in New Brunswick, Canada
- J. D. Irving, Limited owned land in Northern Maine, USA
- New Brunswick, Canada crown land
- New Brunswick, Canada private land
- Maine, USA private land
- Quebec, Canada private land

J. D. Irving, Limited owned land and New Brunswick Crown Land is managed to achieve economic, social, environmental and ecological objectives. The forest has been zoned into the general forest, where timber production is a primary objective, and special management zones including unique sites, deer wintering areas, and mapped riparian zones, each of which has specific environmental, habitat or social objectives.

The Supply Base is within the Acadian Forest Region and consists of spruce, balsam fir, cedar, maple, birch and poplar. Adjacent lands are similar in forest composition and land use structure. Two other forest-based industries (pulp mills) in the area would operate under a similar scale of harvesting.

Forest Management practices are similar on crown land and large freehold land. They consist of 80-year rotation forest management plans that ensure sustainability of the wood supply for local mills. Annual operating plans are implemented to meet the forest management plan objectives. Third Party audited Forest Certification is used to ensure economic, environmental and social principles are met. Private land harvesting is managed through Marketing boards that provide woodlot management advice, and plans, to private woodlot owners.

#### SBP Product Groups

0% SBP compliant Primary Feedstock

98.8% SBP compliant Secondary Feedstock – 100% certified - 100% Spruce, Balsam Fir, Pine, mixed hardwood – 16 suppliers

1.2% SBP compliant Tertiary Feedstock – 100% certified - 100% Spruce, Balsam Fir, Pine – 4 suppliers

*Provide a general description of the supply base within the regional context including country of harvest. Include a comparison of the scale of harvesting compared to other forest based industries in the region. Provide a general description of the forest resources (land use and ownership status, socio-economic conditions, forest composition, profile of adjacent lands).*

*The description must include a description of the forestry management practices or land management practices used and the presence of any CITES or IUCN species.*

*Include an overview of the proportions of SBP feedstock product groups (Controlled Feedstock, SBP-compliant Primary Feedstock, SBP-compliant Secondary Feedstock, SBP-compliant Tertiary Feedstock, SBP non-compliant Feedstock) showing the proportions of each which are certified and uncertified. Provide an indication of the number of suppliers for each SBP feedstock product group. Include species mix.*

## 2.2 Actions taken to promote certification amongst feedstock supplier

All SBP feedstock is obtained through a SBP-approved Chain of Custody Certification System (SFI or FSC) and is SBP Compliant.

Provide a description of actions taken to promote certification amongst feedstock supplier.

## 2.3 Final harvest sampling programme

N/A – Primary feedstock is derived from branches and tops that would have been left in the forest. Feedstock production from whole trees does not occur, thus no sampling is required. Feedstock policies are followed to avoid degradation of harvest sites over subsequent harvests.

Provide a description of the process and results from the sampling programme undertaken to determine the proportion of final fellings which ends up in biomass compared to other end uses. This is only applicable for final fellings (not thinnings) from stands with an expected rotation length of more than 40 years.

## 2.4 Flow diagram of feedstock inputs showing feedstock type [optional]



Insert flow diagram.

## 2.5 Quantification of the Supply Base

Provide metrics for the Supply Base including the following. Where estimates are provided these shall be justified.

## Supply Base

- a. Total Supply Base area (ha): 8.2 million hectares
- b. Tenure by type (ha): 3.2 million hectares publicly owned, and 5 million hectares privately owned
- c. Forest by type (ha): 8.2 million hectares of temperate forest
- d. Forest by management type (ha): 2 million hectares managed (planted and/or pre-commercially thinned) natural forest and 6.2 million hectares natural forest
- e. Certified forest by scheme (ha): 0.8 million hectares FSC certified forest and 5 million hectares SFI certified forest. The credit system will be used as not 100% of the supply base is certified.

## Feedstock

- f. Total volume of Feedstock: tonnes or m<sup>3</sup> : 169 699 tonnes
- g. Volume of primary feedstock: tonnes or m<sup>3</sup> : 0
- h. List percentage of primary feedstock (g), by the following categories.
  - 0% Certified to an SBP-approved Forest Management Scheme
  - 0% Not certified to an SBP-approved Forest Management Scheme
- i. List all species in primary feedstock, including scientific name:

### **Species Conifers**

Abies balsamea - Balsam Fir

Picea rubens - Red Spruce

Picea glauca - White Spruce

Picea mariana - Black Spruce

Picea abies - Norway Spruce

Pinus banksiana - Jack Pine

Pinus strobus – White Pine

Pinus resinosa – Red Pine

Larix laricina – Tamarack

Tsuga canadensis – Hemlock

Thuja occidentalis – Eastern White Cedar



### **Species Deciduous**

Acer saccharum - Sugar Maple

Acer rubrum - Red Maple

Acer pensylvanicum – Striped Maple

Betula alleghaniensis - Yellow Birch

Betula papyrifera - White Birch

Betula populifolia – Grey Birch

Fagus grandifolia - Beech

Quercus rubra - Red Oak

Quercus macrocarpa - Bur Oak

Populus tremuloides – Trembling Aspen

Populus balsamifera – Balsam Poplar

Populus grandidentata – Large Tooth Aspen

Ostrya virginiana – Ironwood

j. Volume of primary feedstock from primary forest – 0 tonnes

k. List percentage of primary feedstock from primary forest (j), by the following categories. Subdivide by SBP-approved Forest Management Schemes:

- Primary feedstock from primary forest certified to an SBP-approved Forest Management Scheme
- Primary feedstock from primary forest not certified to an SBP-approved Forest Management Scheme

N/A – 0 tonnes of primary feedstock from primary forest

l. Volume of secondary feedstock: specify origin and type – 98.8% of Sawdust from Sawmill & wood industry residues

m. Volume of tertiary feedstock: specify origin and composition – 1.2% of Shavings from sawmill & wood industry residues

### 3 Requirement for a Supply Base Evaluation

SBE completed	SBE not completed
<input type="checkbox"/>	<b>X</b>

*A SBE is not required as all feedstock is provided from SBP approved Chain of Custody system or is certified under a SBP approved Forest Management Scheme.*

## 4 Supply Base Evaluation

### 4.1 Scope

*N/A*

### 4.2 Justification

*N/A*

### 4.3 Results of Risk Assessment

*N/A*

### 4.4 Results of Supplier Verification Programme

*N/A*

### 4.5 Conclusion

*N/A*

# 5 Supply Base Evaluation Process

N/A

# 6 Stakeholder Consultation

## 6.1 Response to stakeholder comments

*N/A*

# 7 Overview of Initial Assessment of Risk

N/A

## 8 Supplier Verification Programme

### 8.1 Description of the Supplier Verification Programme

*N/A*

### 8.2 Site visits

*N/A*

### 8.3 Conclusions from the Supplier Verification Programme

*N/A*

# 9 Mitigation Measures

## 9.1 Mitigation measures

*N/A*

## 9.2 Monitoring and outcomes

*N/A*



# 10 Detailed Findings for Indicators

N/A

# 11 Review of Report


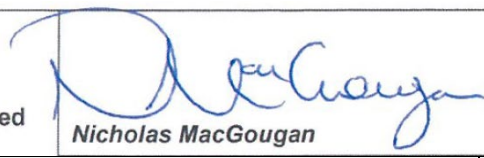
## 11.1 Peer review

*A peer review was not completed.*

## 11.2 Public or additional reviews

*The SBR is posted at [www.grandriverpellets.com](http://www.grandriverpellets.com)*

# 12 Approval of Report

Approval of Supply Base Report by senior management			
Report Prepared by:		Quality Manager.	June 12/2020
	Name	Title	Date
The undersigned persons confirm that I/we are members of the organisation's senior management and do hereby affirm that the contents of this evaluation report were duly acknowledged by senior management as being accurate prior to approval and finalisation of the report.			
Report approved by:	 ed Nicholas MacGougan	General Manager	June 11, 2020
	Name	Title	Date
Report approved by:	[name]	[title]	[date]
	Name	Title	Date
Report approved by:	[name]	[title]	[date]
	Name	Title	Date

# 13 Updates

Note: Updates should be provided in the form of additional pages, either published separately or added to the original public summary report.

## 13.1 Significant changes in the Supply Base

*Provide a description of any significant changes to the supply base.*

*We did not change our Supply Base.*

## 13.2 Effectiveness of previous mitigation measures

*For each mitigation measure identified during the evaluation, give a detailed account of whether the measures were shown to be effective or not.*

## 13.3 New risk ratings and mitigation measures

*Provide an update of risk ratings for all relevant Indicators.*

## 13.4 Actual figures for feedstock over the previous 12 months

*Using the categories in Section 2.5 'Quantification of the Supply Base' (above), give an update on the actual figures for the previous 12 month period. Volume may be shown in a banding between XXX,000 to YYY,000 tonnes or m<sup>3</sup> if a compelling justification is provided\**

*Primary Feedstock: 0 tonnes*

*Secondary Feedstock: 167 772 tonnes*

*Tertiary Feedstock: 1927 tonnes*

## 13.5 Projected figures for feedstock over the next 12 months

*Primary Feedstock: 45 000 tonnes*

*Secondary Feedstock: 175 000 tonnes*

*Tertiary Feedstock: 35 000 tonnes*

*Using the categories in Section 2.5 'Quantification of the Supply Base' (above), give an updated projection for the coming 12 month period. Volume may be shown in a banding between XXX,000 to YYY,000 tonnes or m<sup>3</sup> if a compelling justification is provided\**

- \* Compelling justification would be specific evidence that, for example, disclosure of the exact figure would reveal commercially sensitive information that could be used by competitors to gain competitive advantage. State the reasons why the information is commercially sensitive, for example, what competitors would be able to do or determine with knowledge of the information.

Bands are:

1. 0 – 200,000 tonnes or m<sup>3</sup>
2. 200,000 – 400,000 tonnes or m<sup>3</sup>
3. 400,000 – 600,000 tonnes or m<sup>3</sup>
4. 600,000 – 800,000 tonnes or m<sup>3</sup>
5. 800,000 – 1,000,000 tonnes or m<sup>3</sup>
6. >1,000, 000 tonnes or m<sup>3</sup>