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Form Approved
OMB 0596-0010
Expires: XX/XX/XXX

PRIMARY MILL QUESTIONNAIRE - 2021

Section 1-Mill Information

Mill Name _____

Mill mailing address _____ City, ST Zip _____

Phone _____ Fax _____

Mill/Company Website _____ Company e-mail _____

Contact Name and Title _____ Contact Phone _____

Contact mailing address _____ City, ST Zip _____

Contact Fax _____ Contact e-mail _____

Mill physical location (if different from Mill mailing address)

Mill physical address _____ City, ST Zip _____

Mill type (please check) _____ 3-Pulp or pulp/paper mill _____ 4-Composite panel/Engineered wood product mill

Number of employees-**All:** _____

Annual mill capacity (volume per year when operating at full capacity): _____ Unit of measure: _____

Do this mill process any logs from cities or towns (urban areas)? ☐ YES ☐ NO

If YES, what percent of the total roundwood received was from urban wood? _____ %

Company Name (if different from Mill Name): _____

Company mailing address (if different from Mill): _____

City, ST Zip _____

Phone _____ Fax _____

Instructions: This form is for reporting the quantities and types of logs received by this mill and the disposal of plant residues resulting from the manufacturing or processing of wood products. **COMPLETE SECTIONS 2, 3 AND 4 FOR EACH TYPE OF RAW MATERIAL RECEIVED THAT IS NOT EXPORTED OUT OF THE U.S. COMPLETE SECTION 2 FOR EACH TYPE OF RAW MATERIAL EXPORTED OUT OF THE U.S.** If records are not available, please give your best estimates. This survey is voluntary. While you are not required to respond your cooperation is needed to make the results of the survey comprehensive, accurate, and timely. **ALL VOLUMES REPORTED WILL BE HELD CONFIDENTIAL AND WILL ONLY BE USED TO AGGREGATE TO THE COUNTY AND STATE LEVEL. NO INDIVIDUAL MILL PRODUCTION DATA WILL BE RELEASED.**

☐ **Check box to omit the above information from "Regional/Statewide Industry" Directories**

☐ **Check box if you wish to receive a copy of the report resulting from this study**

Section 2 - Raw Material (Logs/Roundwood) Received and Processed at Mill in 2021

2.1. Amount of Roundwood received and processed at the mill.

Enter the TOTAL amount of Raw Material (Logs/Roundwood, chipped roundwood, or whole tree chips) received and processed at the mill. Do not include mill residues that were used to produce the mill's product.	**Please Check the Unit of Measure:**	If Unit of measure is a weight, enter a weight conversion factor	Average Log Length (in feet)	Average Log Top Diameter (in inches)
Amount: _____	☐ Standard cord (4' X 4' X 8')			
	☐ Lake States cord (4' X 4' X 100")			
	☐ Green tons (short, 2,000 lbs)			
	☐ Green metric tonnes			
	☐ Thousand cubic feet	Softwoods _____lbs. per cord		
	☐ Thousand cubic meters			
	☐ Other : (specify):_____	Hardwoods _____lbs. per cord		

2.2. Enter the AMOUNT/PERCENT of the Species Group and the Origin of Raw Material (Logs/Roundwood) Received and Processed.

Enter the total amount, or the percent of the total, for each Species received and processed for the mill product.
Across the columns at the top of the table, enter the State and county, or Country and Province that the Raw Material (Logs/Roundwood) came from.
Enter the amount or percent of each species that came from each State and County/Country and Province. The Row should sum to 100% if percent is entered.
Separate bark on roundwood/logs, Whole tree chips, peeled/flail debarked roundwood/logs by:
Enter "W" after the amount/volume that come into the mill as whole tree chips.
Enter a "P" after the amount/volume that come into the mill as peeled or flail debarked roundwood or chips.
No identifier is required for bark on Roundwood/logs, or chipped bark on roundwood/logs.

Species Group Name	**Code**	**Amount** or **Percent** by Species	**Enter County name, State abbrev., or Country and Province of species group received from each county/state or foreign country**												**Total All Counties**
Cedar/juniper	1														100%
Balsam fir	4														100%
Hemlock	5														100%
Jack pine	7														100%
Red pine	12														100%
White pine	14														100%
Other pines	15														100%
Spruce	17														100%
Tamarack	6														100%
Ash	19														100%
Aspen/balsam poplar	20														100%
Basswood	21														100%
White/paper birch	124														100%
Yellow birch	23														100%
Other birch	24														100%
Elm	27														100%
Maple - Hard maple	29														100%
Maple - Soft maple	30														100%
Oak - Red oak	131														100%
Oak - White oak	133														100%
Yellow-poplar	39														
Other: from list below															100%
Other: from list below															100%
Other hardwoods not listed	40														100%
Total All Spp Volumes OR 100%															

Other species

8 - Loblolly-Shortleaf pine
9 - Lodgepole pine
10 - Longleaf and slash pine
11 - Ponderosa and Jeffrey pine
22 - Beech
25 - Black cherry
26 - Cottonwood
28 - Hickory
35 - Sweetgum
36 - Sycamore
38 - Black walnut

3.1. Check type of process and equipment in use.

Wood process type

_____ Sulfite
_____ Kraft
_____ Groundwood/Mechanical
_____ Semichemical
_____ Kraft/Groundwood
_____ Thermochemical
_____ Thermomecnanical
_____ Other - specify _____

Equipment

_____ Chipper
_____ Debarker
_____ Chip Canter
_____ Hammer mill
_____ Other - specify _____

_____ Other - specify _____

Section 3.2 -- Products produced from logs received in 2021.

Please check the types of products produced from logs, or chipped logs.

Composite products

_____ Oriented Strand Board (OSB)
_____ Particle board
_____ Wafer board
_____ Hardboard
_____ Medium density fiber board (MDF)
_____ Other engineered product -
Specify: _____

Pulpwood products

_____ Wood pulp
_____ Paper
_____ Corrugated medium
_____ Roofing material
_____ Insulation board
_____ Other pulp product -
Specify: _____

Section 3.3 -- Volume of product produced from Raw Material (Logs/Roundwood) Processed in 2021.

Please enter amount of mill product produced in 2021 by softwoods and hardwoods.

	Softwoods		Hardwoods	
	Amount	Unit of Measure (codes below)	Amount	Unit of Measure (codes below)
Pulp products				
Composite products				

Units of Measure

31 - Green tons
32 - Dry tons
99 - Other (specify)
72 - Thousand Square Feet
98 - Thousand Tons of pulp
Specify: _____

Percent of finished product exported out of the United States: _____%.

Section 3.4 -- Volume of mill residues used to produce product in 2021.

Select the unit of measure the volume is reported in. Indicate the State of origin, mill byproduct, and the volume each species group received.

Wood chips are chips from coarse mill residues. Whole tree chip volumes should be recorded as roundwood on page 2.

Check only one Unit of Measure

XX

_____ Standard cord
_____ Dry tons
_____ Green tons
_____ Other (specify): _____

Origin of byproduct		Wood chips		Sawdust		Other byproducts List: _____	
State or foreign Country	ST code (office use)	Softwood	Hardwood	Softwood	Hardwood	Softwood	Hardwood

Section 3.5 -- Volume of hog fuel/industrial fuelwood received in 2021.

Please record the volume/amount of roundwood, in-woods chips, whole-tree chips, and/or tops and limbwood used for Boiler/hog fuel/industrial fuelwood that you received at the mill. Do not include mill residues (example, bark or sawmill chips)

State or foreign Country	ST code (office use)	Boiler/hog fuel volume	
		Softwood	Hardwood

Check the unit of Measure used (only one)

_____ Dry tons
_____ Green tons
_____ Thousand cu. ft.
_____ Other:
(specify): _____

Section 4—MILL RESIDUE and MILL RESIDUE USE for 2021

4.1. Please enter the amount of mill residue produced by this mill.

Enter the amount of mill residues that were generated at the mill by processing Roundwood or whole tree chips, for each type of mill residue generated, by Softwood and Hardwood. Indicate the "Unit of Measure".

Type of Residue	Softwood	Hardwood	Unit of Measure (example: green tons, dry tons, thousand cubic feet, etc.)
Bark			
Coarse (chips, slabs, edgings, trims, cores, etc)			
Fine - Shavings (Planer or Lathe)			
Fine - Sawdust			
Whole logs or short sections chipped that are not processed as mills primary product			

4.2. Disposal of mill residues

Enter the percent for how each type of mill residue was used by the mill ("USE OF MILL RESIDUE:") in the production of the primary product, by type of Residue, and Softwood and Hardwood. If no mill residues were generated, leave blank.

USE OF MILL RESIDUE:	Code	BARK		COARSE (chips, slabs, edgings, trims, cores, etc)		FINE: Shavings (Planer or Lathe)		FINE: Sawdust	
		Softwood %	Hardwood %	Softwood %	Hardwood %	Softwood %	Hardwood %	Softwood %	Hardwood %
Manufacture of fiber/composite products	1								
Small dimension and other sawn products	2								
Charcoal or chemical wood	3								
Industrial fuel at this plant (on-site)	4								
Industrial fuel at other plants	5								
Bio-energy pellets	6								
Other Bio-energy products(biodiesel,etc)	7								
Residential fuelwood	8								
Mulch/Soil additive (includes biochar)	9								
Animal bedding	10								
Other misc. uses- please specify: _____	88								
NOT USED (land fill, burned, etc)	99								
TOTAL		**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**