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Form Approved
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PRIMARY WOOD USING MILL QUESTIONNAIRE
[STATE], 2018

The objective of this survey is to collect and compile quantities and types of logs received by primary wood processing mills, and the disposal of mill residues resulting from the manufacturing or processing of wood products. While you are not required to respond, your cooperation is needed to make the results of the survey comprehensive, accurate, and timely.

Please provide information as complete and accurate as possible. If complete records are not available, please give your best estimates. If some questions do not apply to your operation, please skip and continue to the form's next item.

In the volume reported, please do not include logs or bolts sold or transferred to another primary processing plant.

INDIVIDUAL MILL INFORMATION WILL BE HELD STRICTLY CONFIDENTIAL WITH ONLY INDUSTRY DATA SUMMARIZED AT COUNTY AND STATE LEVELS AVAILABLE.

Public reporting burden for this collection of information is estimated to average 50 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to: Department of Agriculture, Clearance Officer, OIRM, Room 404-W. Washington, DC 20250; and to the Office of Management and Budget, Paperwork Reduction Project (OMB# 0596-0010), Washington, DC 20503.

Instructions for the "PRIMARY WOOD USING MILL QUESTIONNAIRE"

The following instructions are provided to help you fill out the accompanying survey form. This survey form (Primary Wood Using Mill Questionnaire) has been designed to determine: the location, size, and composition of the primary wood-using mills in your State; the volume of roundwood harvested by product, species, and geographic location; and the volume and disposition of wood residues generated during primary processing, for the calendar year indicated. Your cooperation in completing this form for your mill will make the results of this survey comprehensive, accurate, and timely. All information is held in confidentiality and used only for statistical reports. No individual mill production data will be released. Your cooperation is greatly appreciated.

Please be as accurate and complete as possible when providing information. If complete records are not available, please give your best estimates. If some questions do not apply to your operation, please skip and continue to the next item.

When reporting volume, please do not include logs or bolts sold/transferred to another primary processing plant in the U.S., or to log brokers.

ROUNDWOOD is defined as any log, bolt, or other round section (including chips from roundwood) cut from trees for industrial or consumer use. This includes saw logs, veneer logs, cooperage logs and bolts, pilings, poles, posts, hewn ties, and various other round, split, or hewn products.

Page 1 -- Section 1. Mill Information

- (Section 1.1) Fill in the mill name and parent company name (if applicable) and mailing address.
- (Section 1.2) Record the address of the actual mill location, if different from the mill's mailing address.
    - Record the name of the county in which the mill is located.
- (Section 1.3) Record the name and phone number of the owner, manager, or person that can be contacted if there are any questions concerning the information on the survey form.
- (Section 1.4) Check the box under 'Mill Type' that indicates the type of roundwood received at the mill for processing. If the mill processes more than one type of roundwood, complete a separate page 2 and page 4 for each type.
- (Section 1.5) Check the box indicating the mill status during the survey year. If no raw material was received at this mill location during the survey year, check the box indicated and please return the survey form in the enclosed envelope. No further information is needed.
- (Section 1.6) Indicate if the mill is a portable mill, the number of employees (full-time equivalents), when the mill was established, and the annual capacity and unit of measure (example - thousand board feet for saw logs or thousand pieces for posts) of the mill when operating at full capacity.
- (Section 1.7) Check the appropriate box to indicate if in-wood chips and/or tops and limb wood was received and used for boiler/hog fuel.
    - If you want the mill name and address to be withheld from 'Regional/Statewide Industry' directories please check the appropriate box.
    - Check the 'YES' box to be notified about the report resulting from this study.

Page 2 -- Section 2. Raw Material (logs/roundwood) Received and Processed at this mill in 2018

****(This page should be completed for each 'Type of Roundwood Processed' selected in section 2.1.)****

- (Section 2.1) Check the box under 'Type of Roundwood Processed' that indicates the type of roundwood received at the mill for processing. **If the mill processes more than one type of roundwood, complete a separate page 2 for each.**
- (Section 2.2) Enter the total volume of roundwood received at the mill for the 'Type of Roundwood Processed' checked in Section 2.1, the unit of measure, and the average log length and top diameter of logs processed at the mill. If the Unit of Measure is a weight measurement (example - green tons), please indicate the conversion factor the mill uses for pounds per board foot or pounds per cord.
- (Section 2.3) Indicate if your mill processes logs from cities or towns (urban areas). If so, indicate what percent of the reported volume in Section 2.2 came from urban areas during the survey year.
    - Indicate what percent of the reported volume in Section 2.2 came from salvaged dead trees from forest land during the survey year.
- (Section 2.4) Enter the amount or percent of each species group processed at the mill for the raw material (logs/roundwood) checked in Section 2.2.
    - At the top of the columns across the table, enter the county that the raw material (logs/roundwood) came from. Include the state and/or foreign country if material originated outside of your state.
    - Then, fill in the table by entering the amount (or percent) of each species that came from each county. If the species is not listed, enter it into the last two rows labeled 'Other' from the list of other species at the bottom of the page. The sum of each row should = 100%.
    - If you need more space, please duplicate the page.

Page 3 -- Section 3. Mill Equipment in Use and Products Produced in 2018

- (Section 3.1) Check the mill equipment found at the mill and used in the processing of logs/roundwood.
- (Section 3.2) Enter the percent of each product group for each 'Type of Roundwood Processed' in Section 2.1. Example: 50% rough/grade lumber, 25% pallets/pallet lumber 25% cants, and 100% Posts - fencing. Sums to 100% for the 'Saw logs' group and 100% for the 'Post, poles, and pilings' group.
- (Section 3.3) Enter the total amount produced for each 'Type of Roundwood Processed' in section 2.1, the unit of measure, and the percent dressed for lumber. Enter the percent of finished product exported out of the United States, if any.

Page 4 -- Section 4. Mill Residue and Mill Residue Use in 2018

****(This page should be completed for each 'Type of Roundwood Processed' selected in section 2.1.)****

- (Section 4.1) Check the box under 'Type of Roundwood Processed' that indicates the type of roundwood received at the mill for processing. **If the mill processes more than one type of roundwood, complete a separate page 4 for each.**
- (Section 4.2) Enter the percent for each type mill residue, by softwoods and hardwoods, and how it was disposed, whether sold, given away, or paid to dispose of. The columns should sum to 100%.
    - Only record shavings if the mill has a planer.

PRIMARY WOOD USING MILL QUESTIONNAIRE
[STATE], 2018

Section 1—Mill Information

1.1 Mill Name _____

Mailing address _____
(Street) (City) (State and Zip code)

_____ _____ _____
(Phone) (Fax) (Company's e-mail)

Mill/Company's Website _____ _____

Parent Company Name (if different from Mill Name): _____

Parent Company mailing address (if different from Mill): _____
(Street) (City) (State, Zip code)

1.2 Mill's physical location (if different from mailing address)

Physical address _____
(Street) (City) (State and Zip code)

County of mill _____

1.3 Contact information

_____
Contact's name and title

_____ _____ _____
(Contact's phone) (Fax) (Contact's e-mail)

1.4 Mill Type- check one (If more than one mill type at this site, please complete a separate survey form for each mill type)

- ☐ Sawmill
- ☐ Veneer/plywood mill
- ☐ House/Cabin log mill
- ☐ Industrial fuelwood/biofuels
- ☐ Post mill
- ☐ Pole mill
- ☐ Piling mill
- ☐ Miscellaneous/Other (specify)_____
- ☐ Roundwood/unprocessed logs Exported out of the Country

1.5 Mill status (check) New ☐ Active ☐ Idle ☐ Closed/Out of business ☐ Dismantled ☐

**** ☐ **Check this box if no raw material (logs/roundwood) was processed at this mill during calendar year 2018 and return the form. No further information is needed.** ****

1.6 Mill info

Is this a portable mill? ☐ YES ☐ NO

Number of employees: _____ Year mill established: _____

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

1.7 During calendar year 2018

	YES	NO
Was in-woods chips, whole-tree chips &/or tops and limbwood received and used for boiler/hog fuel?		
Would you like to omit the mill information from "Regional/Statewide Industry" Directories		
Would you like to receive a copy of the report resulting from this study		

Official Use Only:

State of mill (fip): _____ County of mill (fip): _____ Mill Number: _____ Latitude: _____ Longitude: _____

Interviewers Name and Title _____ Phone _____ Date of Interview _____

Interview type: mail _____ phone _____ personal contact _____ e-mail _____

Section 2—ORIGINS AND SPECIES OF ROUNDWOOD PROCESSED

2.1 Type of Roundwood Processed (check one). From Section 1.4. (Please complete a separate form for each TYPE checked.)

☐ Sawmill	☐ Industrial fuelwood/biofuels	☐ Piling mill	☐ Roundwood exported out of the United States
☐ Veneer/plywood mill	☐ Post mill	☐ Pole mill	
☐ House/cabin logs mill	☐ Pole mill	☐ Miscellaneous/other mill (Example - Shavings mill) (specify): _____	

2.2 Amount of Roundwood received and processed at the mill in 2018.

Enter the TOTAL amount of Raw Material (Logs/Roundwood) received and processed at the mill for the 'Type of Roundwood Processed' checked in 2.1 above.	**Please Check the Unit of Measure:**		If Unit of measure is a weight, enter **a w**eight conversion factor	Average Log Length (in feet)	Average Log Top Diameter (in inches)
	☐ MBF Doyle	☐ Standard cord			
	☐ BF Doyle	☐ Lake States cord (100 in.)			
	☐ MBF Scribner	☐ Pieces			
	☐ BF Scribner	☐ Thousand pieces	Softwoods		
	☐ MBF International ¼-inch rule	☐ Green tons	_____lbs. per MBF or _____lbs. per cord		
	☐ BF International ¼-inch rule	☐ Thousand cubic feet	Hardwoods		
	☐ MBF Lumber tally	☐ Other : (specify):_____			
Amount: _____	☐ BF Lumber Tally		_____lbs. per MBF or _____lbs. per cord		

2.3 Non-forest and salvage sources in 2018.

Do you process any logs from cities or towns (urban areas) at your mill? ☐ YES ☐ NO If YES, what percent of the total roundwood received was from urban wood? _____ %

What percent of the total roundwood received was from salvaged dead trees from forested areas? _____ %

2.4 Species and Origin of roundwood received at mill in 2018.

Please complete the matrix to the best of your knowledge. If you don't know the exact origin please give approximate values for the top counties within the mill's procurement zone

		Provide county name as headings for column below. If out of state or foreign origin please specify state or Country. Add additional sheets as needed.								
Species Group Name	**Amount or Percentage received by spp**									**Species total All Counties**
Cedar/juniper										100%
Balsam fir										100%
Hemlock										100%
Red pine										100%
White pine										100%
Other pines										100%
Spruce										100%
Tamarack										100%
Ash										100%
Aspen/balsam poplar										100%
Basswood										100%
Beech										100%
White/paper birch										100%
Yellow birch										100%
Other birch										100%
Black cherry										100%
Elm										100%
Hickory										100%
Soft maple										100%
Hard maple										100%
Red oak										100%
White oak										
Other: from list below _____										100%
Other: from list below _____										100%

Other species						
	Cypress	Longleaf/slash pine	Black walnut	Sycamore	Tupelo/blackgum	Other softwoods not listed
	Jack pine	Ponderosa/Jeffrey pine	Cottonwood	Sweetgum	Yellow-poplar	Other hardwoods not listed

Section 3—Mill equipment, products produced, production amounts, and boiler/hog fuel, amounts.

3.1 Check type of equipment in use.

Headsaw

_____ Band saw
_____ Circular saw
_____ Scragg sawmill
_____ Gang sawmill
_____ Chip-N-Saw

Resaw

_____ Band saw
_____ Circular saw

Veneer

_____ Sliced veneer equipment
_____ Peeled veneer equipment
_____ Other - please specify
Specify: _____

Other

_____ Chipper
_____ Planer
_____ Edger

Other

_____ Debarker
_____ Splitter
_____ Dry kiln
_____ Treating equipment
_____ Chip Canter
_____ Post/Pole Peeler
_____ Shaving machine

Other

_____ Hammer mill
_____ Firewood Processor
_____ Wood-fired boiler
_____ Optimizer equipment
_____ Machine stress-rating
_____ Other - please specify
Specify: _____

3.2 Products produced from logs received in 2018.

Enter the percent of the total for each group of products produced from logs, or chipped logs.

Saw logs

____ % Rough/grade lumber
____ % Dimension or stud lumber
____ % Molding or trim
____ % Siding
____ % Pallets/pallet lumber
____ % Timbers/supports
____ % Ties (railroad ties)
____ % Landscape timbers
____ % Furniture stock
____ % Crane mats
____ % Lath/stakes
____ % Cants
____ % Flooring
____ % Blocking/dunnage
____ % Tight stave/cooperage
____ % Slack stave/cooperage
____ % Other sawn products -
Specify: _____

Veneer logs

____ % Sheathing
____ % Plywood
____ % Boxes
____ % Veneer/Face veneer
____ % Other veneer -
Specify: _____

House/cabin logs

____ % Cabins/house logs
____ % Sawn house logs
____ % Turned house logs
____ % Hand-peeled house logs
____ % Trusses and other house log products
____ % Other House/cabin logs-
Specify: _____

Bioenergy/Fuelwood

____ % Industrial fuelwood (co-gen,steam,etc)
____ % Industrial fuelwood - electricity/power
____ % Industrial fuelwood - heat/steam
____ % Pellets - Residential grade
____ % Pellets/briquettes - Industrial grade
____ % Pellets - Torrefied
____ % Pellets - other(please specify)
Specify: _____
____ % Pressed/reconstituted logs (Presto)
____ % Liquid fuels - Ethanol
____ % Liquid fuels - Other (aviation fuel,etc)
____ % Other energy products -
Specify: _____

Post, poles, and pilings

____ % Pilings
____ % Poles-utility
____ % Poles-other
____ % Posts-fencing
____ % Posts-other
____ % Round railings
____ % Grape stakes
____ % Log furniture
____ % Other post, pole, piling product
Specify: _____

Other miscellaneous products

____ % Mulch, soil additives, compost
____ % Chemical extractives
____ % Split rail fencing
____ % Shingles/shakes
____ % Shavings/excelsior
____ % Handles/blanks
____ % Dowels/blanks
____ % Novelty
____ % Foreign Export logs
____ % Other -
Specify: _____

3.3 Volume of product produced from Raw Material (Logs/Roundwood) Processed in 2018.

Please enter amount of mill product produced from each type of RAW MATERIAL (Logs/roundwood) by softwoods and hardwoods.

	Softwoods			Hardwoods		
Product Produced	Amount	Unit of Measure (codes below)	Percent Dressed/ Planed (If sawn product)	Amount	Unit of Measure (codes below)	Percent Dressed/ Planed (If sawn product)
Saw log products						
Veneer log products						
House logs						
Industrial fuelwood						
Posts, poles, and pilings						
Other - (Ex. Shavings)						

Units of Measure

16 - Lumber Tally (MBF) 61 - Pieces 71 - Square Feet 99 - Other (specify): _____

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

Section 4—MILL RESIDUE GENERATED and DISPOSTION

NOTE: Complete a separate Section 4 for each 'Type of Roundwood Processed' checked in Section 1.4, except for logs exported out of the United States. Section 4 does not need to be completed for logs exported out of the United States.

4.1 Type of Roundwood Processed (check one). From Section 1.4.

- ☐ Saw logs
- ☐ Veneer/plywood logs
- ☐ House/ cabin logs
- ☐ Industrial fuelwood
- ☐ Poles
- ☐ Posts
- ☐ Pilings
- ☐ Miscellaneous/other mill (Example - Shavings mill)

4.2 Disposal of mill residues in 2018

Instructions: For each type of wood residue generated at your mill, enter the percentage that was disposed of by the various means. Each column should sum to 100% for each species group recorded.

	BARK		COARSE (chips, slabs, edgings, trims, cores, etc.)		FINE: Shavings (Planer or Lathe)		FINE: Sawdust		CULL LOGS/SHORT SECTIONS	
Disposal of Mill Residues	Softwood %	Hardwood %	Softwood %	Hardwood %	Softwood %	Hardwood %	Softwood %	Hardwood %	Softwood %	Hardwood %
Manufacture of fiber/composite products										
Small dimension and other sawn products										
Charcoal or chemical wood										
Industrial fuel at this plant (on-site)										
Industrial fuel at other plants										
Bio-energy pellets										
Other Bio-energy products (biodiesel,etc)										
Residential fuelwood										
Mulch/Soil additive (includes biochar)										
Animal bedding										
Other misc. uses- please specify: _____										
NOT USED (land fill, burned, etc.)										
TOTAL	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

Section 5.1—Volume of hog fuel/industrial fuelwood received in 2018.

If you answered yes to the in-wood chips question (page 1, item 1.7), please provide the volume received in 2018

Origin of byproduct State or foreign country	(for	**Boiler/hog fuel volume** Softwood	Hardwood

Check the unit of Measure
(only one)

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