The Market Place

Timber • Products • Equipment • Services

Winter 2010

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A service to Minnesota forest industry.

New Life for Shuttered Mills?

By Mimi Barzen

While Ainsworth no longer produces wood products in Bemidji, Grand Rapids, or Cook, and all three plants are currently shuttered, "engines" are idling in each of the three communities. It is a positive sign in this down economy.

Bemidji

The Bemidji plant, the largest of all at 500,000 square feet, was purchased by a group called The Idea Circle. The 400-acre tract already includes a biomass power plant that Ainsworth used to generate its own power on site.

The new owners hope to be the first bioenergy park in the state and are focusing their activities on local job development and "thoughtful use of the region's resources," according to Mark Doctor, a member of The Idea Circle.

As of mid December, eight companies have provided a nonbinding intent with the group. Half are interested in using a portion of the facility for some form of biomass.

Other potential tenants could include: manufacturers, utility companies, higher education and research, and testing services that support renewable energy development and energy efficiency improvement technology.

Grand Rapids

The Grand Rapids plant, the first to close its doors, sat idle from September 2006 until November 2009, when the Itasca Economic Development Corporation (IEDC) purchased the 400,000 square foot plant and out buildings. In the space of just one month, IEDC created the Itasca Eco Industrial Park, with the motto, "Inspired people, creative energy." It plans to focus upon renewable energy-related businesses, possibly clustering like-minded businesses together to reduce costs while increasing a competitive edge. The group has lost no time in garnering potential tenants. One client has visited three times and is currently in the environmental permitting process. A local consultant has also been contracted and rough drawings have been sketched for the portion of the building the tenant would likely use.

Running along parallel lines as the Idea Circle, this tenant is interested in biomass. If everything falls into place, part of the old Ainsworth plant could be in production before the end of 2011, producing premium biomass pellets. This would require the consumption of 125,000 cords of roundwood annually. At this time, the tenant has no preference for the species of wood consumed. Both

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Statewide DNR Stumpage Prices and Volume Sold
July Through December 2009

Cord Products	Pulp and Bolts	Pulpwood	Volume (cords)
Aspen	---	$22	156,215
Balm of Gilead	---	$16	1,537
Basswood	$ 9	$ 6	3,093
Birch	$12	$ 8	11,253
Maple	$ 9	$ 7	5,410
Oak	$19	$14	9,708
Red and White Pine	$30	$10	16,345
Jack Pine	$ 8	$12	13,852
Spruce	$22	$14	20,664
Balsam Fir	$19	$14	11,295
Tamarack	---	$ 5	17,640
Sawtimber	**Mixed Grades**	**Ungraded**	**Volume (MBF*)**
Basswood	$ 88	---	51
Birch	$ 55	---	2
Sugar Maple	$148	---	9
Red Oak	$201	---	211
White Oak	$176	---	19
Red and White Pine	---	$120	598

*Scribner rule scale
Note: DNR timber auction results are available at:
http://www.dnr.state.mn.us/forestry/timbersales/index.html

Information supplied by Don Deckard, DNR Economist, January 2010

One cord equals 4 feet tall by 4 feet deep by 8 feet long stack of wood

One board foot equals one board 1 foot wide by 1 foot long by 1 inch thick

MBF: one thousand board feet

Continued from page 1

hardwoods and softwoods are viable options.

While nothing is cast in stone as of yet, IEDC is moving forward with plans to demolish some of the buildings on site and renovate the main building for tenants. They currently are in the process of investigating potential contaminants that may be on site and have a clean-up plan in place if needed. The park also has an additional 90 acres of land with plans to subdivide it and put it up for sale as soon as possible.

Cook

Meanwhile, Steve Hill, of Hill Wood Products, gave himself and his community one heck of a Christmas gift by purchasing the Ainsworth Cook facility in December. The 370,000 square foot facility is not currently active, but Steve is renting out 100,000 square feet to Ainsworth as it tries to sell its equipment still located on the site. Steve is currently pursuing an environmental review that should be completed prior to June. This study will determine what products will be viable options for that plant. As with the others, the main focus is on biomass, ranging from manufacturing pellets to use of bulk biomass for cogeneration. He hopes to employ at least 20 people when the plant starts up and intends to utilize 250,000 green tons of biomass at full capacity.

The sprawling, former Ainsworth site in Grand Rapids currently sits empty as do the Cook and Bemidji facilities.

This type of biomass business is nothing new to Steve. For the past 22 years, he has sold dried biomass to utility companies and the mining industry as fuel to make electricity.

Steve is jumping in with his eyes wide open. Once production begins, hopefully sometime this summer or early fall, he wants to make sure the plant can operate year round. He saw the results the Ainsworth closing had on the local economy and he plans to do what he can to add jobs — directly through starting a new business and indirectly by purchasing wood from loggers. Right now, he's busy running one company while moving forward with another.

Even though there are no guaranteed businesses at any of the facilities, there may be good news on the horizon in Bemidji, Grand Rapids, and Cook.

Bioma$$ Re$earch

By Mimi Barzen

Is there enough wood to handle the surging biomass and bioenergy demands? While there are reasonable estimates of biomass availability, scientists at the University of Minnesota's St Paul campus will be refining these estimates.

They recently were granted more than $2.7 million to assess the environmental sustainability and capacity of forest-based biofuel feedstocks in the Lake States region. The project will address key questions about expanding harvests in the northern Lake States, including environmental impacts, economic feasibility, and avoided fossil-fuel CO2 emissions.

Tony D'Amato, a Department of Forest Resources professor, will lead the four-year study. The research seeks to answer if there is enough wood available to not only "fuel" current demand, but also what is growing on the horizon. In addition, the project is looking to address whether biomass demands are sustainable over the long haul in relation to the environment, society, and economy.

Several companies and groups are currently putting together potential plans to move into the biomass field. The plant scales vary markedly, but all are eyeing logging slash as a main ingredient to produce a final product.

The U.S. Departments of Agriculture and Energy are investing over $24 million in research projects across the country. The University study obtained one of the largest grants and is one of a small number not looking to develop new technology but rather investigate the supply and its ability to meet the future's demand.

(Some information for this article was obtained from a Washington D.C. press release.)

Moving Side-ways

By Donald Deckard, Forest Economist

Economy

Since December 2007, economic forecasts steadily worsened through the end of 2008. Forecasts are finally being revised upwards, even if only slightly. However, people continue to worry about losing their jobs and struggle to maintain their standard of living. "The 7.2 million jobs lost since the recession began are the most of any postwar economic slump."(Bureau of Labor Statistics)

During 2009, consumer spending, a major economic driver, was pared back at a historic pace as people became more thrifty. Labor markets are now stabilizing, but we are not out of the woods yet. High unemployment prevents wages from rising, which is good news for companies' labor costs, but not for consumer spending growth.

Unemployment will likely bottom out by mid-2010 then stabilize, paving the way for a lagging real estate recovery in the second-half of 2010. As the economy begins to recover, isolated pockets of strength will appear in markets with heavy concentrations of growth industries such as health care and education. Outside the financial sector, corporate margins have risen for two consecutive quarters, driven primarily by cost cutting.

Housing Market

For 2010, housing starts are forecast to be about 750,000 compared to 550,000 in 2009. Foreclosure filings exceeded 300,000 for nine consecutive months through November 2009. Foreclosures will most likely continue to hold back the housing sector through 2010. Foreclosures totaled 2.82 million in 2009, a number that could be eclipsed by a forecast peak of 3 million units this year.

Analysts estimate that 1.3 million borrowers took out adjustable rate mortgages (ARM) in 2004 and 2005. Many of those option ARM loans have already re-adjusted to higher payments, but more are on the way. Some 88 percent of option ARMs originated between 2004 and 2007 are going to adjust higher through 2012. Those option ARM borrowers could see their housing bills go up as much as 63 percent, according to Fitch ratings. While option ARM borrowers might want to refinance, they often can't because of falling home values and tighter credit restrictions.

Minnesota's Forest Products Sectors

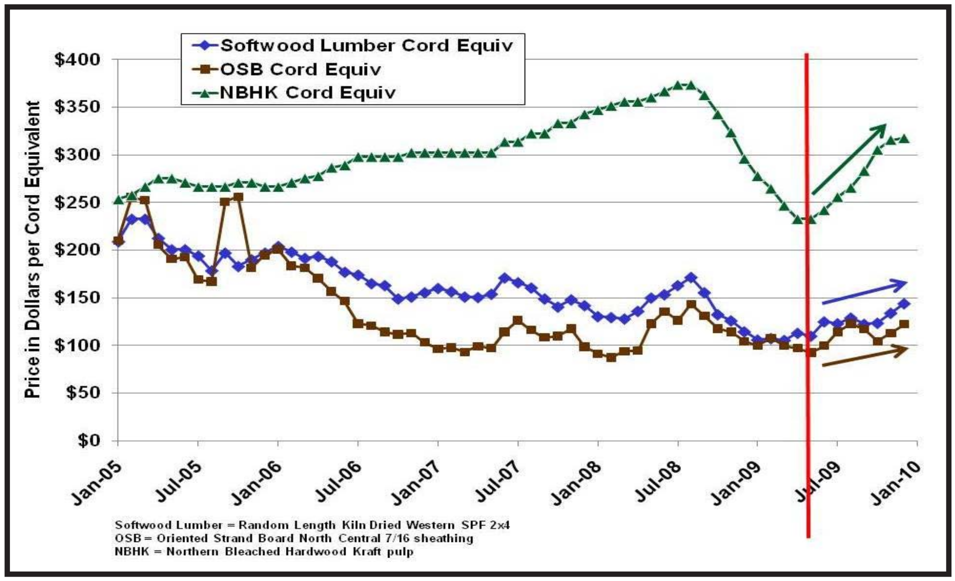
Location Quotient (LQ) is a metric measure that is commonly used to compare economic activity and specialization by industry and geographic area.

A wide variety of both primary and secondary forest products are produced in Minnesota. As compared to 2001, employment decreased in all of Minnesota's primary forest products manufacturing sectors while secondary manufacturing fared better, showing relative gains in a few categories. In terms of direct employment, window manufacturing and kitchen cabinets are dominant components of Minnesota's manufacturing landscape. Pulp and paper and oriented strand board(OSB)/panel products represent additional specializations.

As compared to the United States, unspecialized sectors that experienced "relative" increases in employment share since 2001 include: forestry and logging, pallet manufacturing, wood preservation, wood office furniture, and other wood products manufacturing.

Production and Prices

Primary forest products pricing turned the corner in the second half of 2009 with continuing improvement expected going forward. To date, pricing improvements have been driven more by capacity shuts and reduced operating rates than by increasing demand. The majority of manufacturers are now moving toward operational breakeven. The massive amount of capacity that is either curtailed or closed and is sitting on the sidelines is the major question mark in the price recovery equation.



This year holds some promise for much needed market improvement. But it is in 2011 and especially in 2012 and 2013, that a real housing recovery is forecast to take hold. In the interim, significant price volatility will most likely occur as sudden demand surges catch the lumber market by surprise.

Total U.S. lumber consumption is forecast to increase from 32.8 billion board feet (BF) in 2009 to over 50 billion BF by 2013, more than a 50 percent increase from 2009.

The stage is slowly being set for a more favorable OSB business environment which may not kick in until 2012 and 2013 when the full impact of a housing recovery is forecast to take hold. OSB demand and output shrank between 2007 and 2009 to almost half of its 2006 volume. Total United States OSB and plywood demand is forecast to rebound steadily at a healthy average annual increase of 14 percent through 2014. In perspective, OSB and plywood demand forecast for 2014 barely achieves the levels of 15 years ago – a sign that normal demand will likely be at much lower levels in the next decade.

Pulp and Paper

"United States printing and writing paper shipments increased two percent in November 2009 as compared to November 2008. This was the first year-ago volume increase since February 2008. For 2009, total shipments were down 17 percent as compared to 2008" (Amercian Forest and Paper Association). North American printing and writing paper producers are entering a new era that will be marked by a secular decline in some of their primary end-uses such as printed magazines, catalogs, newspapers, and direct mail advertising. "Capacity closures will be a necessary ongoing trend for the next 15 years" (Resource Information Systems, Incorporated).

Woodfiber

In the fourth quarter 2009, Lake States delivered mixed hardwood pulpwood prices averaged $32 per green ton compared to $35 per green ton in fourth quarter 2008, a decrease of nine percent. The fourth quarter average delivered softwood pulpwood price was $37 per green ton, an increase of $2 or six percent compared to the the fourth quarter in 2008 (International Woodfiber Report). In Minnesota, the average price of DNR aspen stumpage sold in the second half of 2009 was $22.50 per cord as compared to $25 per cord in the second half of 2008, a year-over-year decrease of 10 percent.

Note: This article contains forward-looking statements that reflect the author's view and are subject to risks and uncertainties that could cause actual outcomes to differ substantially from those expressed or implied.

THE RESULTS ARE IN:
SAWMILL AND SPECIALTY MILL SURVEY

By Keith Jacobson, Utilization and Marketing Supervisor

The most recent Sawmill and Specialty Mill Production Survey was completed last spring and we have been remiss in not getting information out sooner. Many thanks to all who shared information with us!

The survey is a critical piece of tracking wood use trends across Minnesota, which has important implications for sustainable forest management and economic vitality in our state. The numbers are still **draft** until fully reviewed and published by U.S. Forest Service analysts, but are very close to final.

Wood Use Tracked by Industry Sector

Minnesota is host to four wood industry "sectors." The four sectors, with the approximate percentage of total annual wood are:

- Pulp and paper: 60 percent
- Engineered wood: 13 percent
- Sawmill and specialty mills: 18 percent
- Wood energy production: nine percent

The total annual wood use in Minnesota is around 2.7 million cords.

The U.S. Forest Service surveys the large, pulpwood-using engineered wood and pulp and paper producing mills annually. The Department of Natural Resources (DNR) surveys sawmills and specialty mills every three years, most recently in 2008, and residential fuelwood use as necessary. In addition, we have begun to survey woody biomass energy facilities.

Data from these surveys is shared through the cooperative effort between our agencies to track timber harvest volumes and industrial wood use. Information from the sawmill and specialty mill survey, completed in 2009, follows.

Economic and Forestry Importance

The sawmill and specialty mill sector is very important to forestry because it creates market diversity. The approximately 490,000 cords used annually provides high-value markets for some species, sizes, and qualities of wood that do not have high demand or are commonly used at pulpwood-using mills. In addition, sawmills provide products we all use, as well as providing significant employment and economic benefits for many rural communities.

Sawmills can also have a complementary impact on other wood industry sectors. For example, some sawmills send residue chips to paper mills, benefitting both sectors. The higher-value sawlog market can help make logging residue economically accessible as woody biomass for energy.

High value markets are also important to landowners. The compensation received from timber harvest helps landowners engage in other management activities.

Total and Species Volume Changes

Not surprising, given the current economic conditions, overall wood volume utilized by sawmills and specialty mills from Minnesota timberlands has gone down since the 2004 survey. Volume for this sector fell from about 272 million board feet (1 board foot is a piece of wood 12 inches by 12 inches by 1 inch thick) to about 248 million board feet annually in 2007, or a drop of about nine percent. It is likely that sawmill volume has continued to fall since then. Many species lost volume, with jack pine and aspen decreasing the most. Red pine was the only species with significant sawmill and specialty mill use that experienced a large volume gain.

Mill Numbers and Sizes

There are over 600 sawmills in Minnesota. Many are very small, portable bandsaw mills that account for a tiny fraction of wood use. However, just one large softwood mill accounts for about 40 percent of the total volume utilized by all sawmills and specialty mills. The top 10 mills by production volume account for over 65 percent of the total. Thirty-seven mills in Minnesota utilize more than one million board feet annually. However, it has been a very tough business recently and most sawmills are struggling due to the low demand in the housing market and the economic downturn of the last three years. Some mills are struggling to get a sufficient volume of wood to the mill at a price that allows it to remain competitive.

Strategies to Compete

Sawmills are always striving to become more efficient, which will be a continuing necessity in the current economic environment. A number of mills are experiencing some success by producing custom products and retailing them directly to consumers. Niche markets are by definition, not high volume, so there are limits to this strategy.

A Final Thought

Due to mills willingness to share information, the DNR and U.S. Forest Service can track this data. Forest industry is a critically important partner in sustainable forest management due to the markets it provides for wood and the support given to forestry and forest management. Therefore, it is imperative that a large sawmill sector continues to be present in Minnesota.

Webinars on the Horizon

By Tom Schirber, University of Minnesota

A series of webinars will address key aspects of green marketing and related trends. The series, Positioning for Green – Opportunities for Forest Products, includes five online events that participants can access from their office or home computers. The sessions were developed by the Forest Products Management Development Institute, Department of Bioproducts and Biosystems Engineering, and Dovetail Partners.

For many people, positioning is about the location of their building, or the spot their product takes on the shelves of the retailer. An organization's position is really about the image customers have of that organization.

"Above all, the positioning process is strategic, as it sets the context by which the relationship between the organization and its vendors and customers is built; and it establishes the basis upon which the organization attempts to compete," says Dr. Jeff Howe, an expert on green business and green marketing, and one of the webinar presenters.

"In recent years, more and more companies have been getting on the green bandwagon, and this trend is impacting the playing field and adding new dimensions to the competitive marketplace," says Dr. Jim Bowyer, an international expert on green building programs and responsible materials, and another presenter.

Today's trends have generated customers that are well informed, demanding, and have unlimited options. Increasingly, these customers are looking for green products.

"The learning curve to achieving improved environmental performance can be steep, and a strategy of waiting for competitors to act first can translate into significant delays and lost opportunities," says Bowyer.

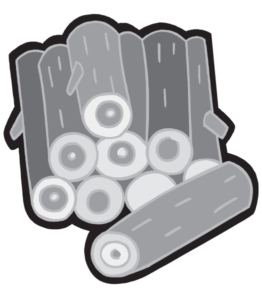
The next in the series will take place on March 11 and will examine the competion between forest certification programs and future trends. It will examine the fundamentals of the forest certification programs being used in the United States and Canada, the similarities and differences in their requirements, and the impacts of their adoption.

The last webinar occurs on April 1 and will examine certified wood products and trends affecting the construction industry in a broader context.

Previous sessions dealt with green building programs, chain-of-custody certification, and the fundamentals of sourcing and selling certified wood. Past webinars can be accessed through one of the sites listed below for a nominal fee.

More information about the webinar series and registration details are available at:
http://www.dovetailinc.org/content/positioning-green-opportunities-forest-products or
http://www.bbe.umn.edu/FPMDI.

Due to continued budget shortfalls in the state, it is anticipated that the Marketplace Bulletin may become an electronic version only, possibly as soon as August 2010. Anyone with access to electronic files is encouraged to switch formats as soon as possible by providing an e-mail address so you can continue to receive news concerning forest industry and wood resources. For those unable to receive electronic files, call or write to request continuation of a paper copy.



The MarketPlace Bulletin is published quarterly in February, May, August, and November by the Minnesota DNR Utilization and Marketing staff. It serves the wood industry of Minnesota by providing relevant information on forest industry and forest resources, and by listing products and equipment wanted and for sale, services provided, and employment opportunities.

It is available on the internet at: www.mndnr.gov/publications/forestry/marketplace/index.html. Anyone can begin or cancel a subscription by making a request to Mimi Barzen by phone at 218-327-4119 or by e-mail at: mimi.barzen@state.mn.us.

If you wish to list an ad in the spring issue of the MarketPlace Bulletin, please fill out and return this form by April 15, 2010. There is no cost for placing the ad.

Forest Products:	**Wanted ___**	**For Sale ___**			
Equipment:	**Wanted ___**	**For Sale ___**			
Services/ Misc.:	**Wanted ___**	**For Sale ___**	**Available ___**	**Services ___**	**Notice ___**

(Examples of items to be listed include: stumpage, lumber, logging, sawmill and woodworking equipment, sawing, drying, marketing services, employment, or other forestry-related items.)

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Name:________________________ Company: __________________________
Address:_______________________ City:_______________State:___ Zip code:____
Phone: _______________________ Fax:_______________
E-mail Address:_____________________________________

Please Note: Due to limited space not all ads will be printed in every issue. Please limit your ads to one page or less. Ads will not carry over from one issue to the next. Resubmit them for each issue.

Mail ads to: Mimi Barzen, DNR Forestry, 1201 East Hwy 2, Grand Rapids, MN 55744
Phone (218) 327-4119; Fax: (218) 327-4391
e-mail: mimi.barzen@state.mn.us

The Minnesota Department of Natural Resources reserves the right to edit all items included and accepts no responsibility for the accuracy of description or for the commercial integrity of the persons or firms making offers in this bulletin.

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Mimi Barzen, U&M, Grand Rapids, 218-327-4119, e-mail: mimi.barzen@state.mn.us

For Sale: Forest Products and Equipment

Products For Sale

FOR SALE: Real half log siding 8", 10", and 12"; Contact Lyle Hietala of Hietala Lumber Inc., 4565 Hult Road, Aurora, MN 55705; Phone and fax: 218-638-2848

FOR SALE: White cedar products including: log furniture material, round and sawn log home timbers, lumber, fence posts, and landscape mulch; Contact: Richard Hufnagle of Page and Hill Forest Products, Inc.; 7556 County Road 31, Big Falls, MN 56627: Phone: 218-276-2251; Fax: 218-276-2352; e-mail: pagehill@citlink.net

FOR SALE: 1) Kiln-dried, milled, and sanded tongue and groove paneling in ash, birch, cedar, basswood, and tamarack, with moldings to match; 2) sauna doors; 3) hope chests; 4) situpons; 5) ash flooring; Contact: Jim Paul of Jim's Native Wood; 4341 Lane 58A, Aurora, MN 55705; Phone: 218-638-2810

FOR SALE: Small quantities of: ash, cherry, hickory, soft maple, poplar, and hackberry all 4/4; basswood ¼ to 16/4; birch ½ to 4/4; butternut 4/4 to 16/4; hard maple 4/4 to 8/4; red and white oak 4/4 to 6/4 with some quarter sawn; walnut, spruce, and red pine 4/4 to 6/4; white pine 4/4 to 6/4 with some cut for fireplace mantels; Contact: Jim Mielke of Mielke's Mill and Craft; 37885 Park Trail, Center City, MN 55012; Phone: 651-583-2813; e-mail: jlacm@frontier.com

FOR SALE: Cottonwood lumber; Contact: Loren Strei, 3835 121st Avenue, Ortonville, MN 56278; Phone: 320-839-2057

FOR SALE: 1) Cedar entry, newel, and fence posts, 2) bed material, 3) cedar logs of various sizes; Contact: Jim Parson of Parson Logging; PO Box 412, Big Falls, MN 56627; Phone: 218-244-9372; e-mail: jparson@citlink.net

FOR SALE: Salvaged Douglas fir beams sawn to your specifications with delivery available. The dry beams are from industrial buildings. Contact: Ken Peter of Timber Ridge Woodworking; 3703 Hautala Road, Cloquet, MN 55720; Phone and fax: 218-879-6665; e-mail: kimbah4@msn.com

PRODUCTS WANTED

WANTED: Black ash veneer logs 14" in diameter and larger with three sides clear and better, no ring shake; Contact: Ross Hebeisen of High Island Export Company; Box 346, Isle, MN 56342; Phone: 329-676-8546; e-mail: hiisle@frontiernet.net

WANTED: Pine, spruce, or aspen house log timber with minimum top diameter 9" at 35 feet; Contact: Tad Taivaloja of North Country Log Homes, Inc., 119 Mattson Road, Esko, MN 55733; Phone: 218-879-4014; e-mail: tad@northcountrylog.com

WANTED: Spruce, balsam fir and red and jack pine, 100" sawbolts with minimum top 6"; Contact: Potlatch Land and Lumber, Bemidji, MN; Phone: Brian at 218-759-4301 or Matt at 218-759-4311

EQUIPMENT FOR SALE

FOR SALE: Factory edger head in good condition; Contact: Edwin Haverinen, 34928 119th Avenue, Menahga, MN 56464; Phone evenings: 218-564-4883

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EQUIPMENT FOR SALE

FOR SALE: 1) Anchorseal and Anchorseal 2, wax sealers for green logs and lumber; 2) Gempaint and Gempaint Plus, end paint for dried lumber; 3) logsavers and flitchsavers, plastic stitches for log ends; 4) Shade-Dri, mesh shade fabric for logs and lumber; Contact: Dave Sondel of U.C. Coatings Corp, PO Box 1066, Buffalo, NY, 14215; Phone: 716-833-9366; Fax: 716-833-0120; e-mail: dave@uscoatings.com

FOR SALE: 1) 1979 Pete converted Cat engine 13-speeds; 2) 42’ flatbed with 7000 Hood loader; 3) Soderham forwarder Detroit engine; 4) Dixon hydraulic portable sawmill; 5) 2-head Baker resaw with return and 20 Hp motor, 3 phase motors; 6) 36 ” double head planer; 7) 873 Bobcat Deutz power 12” radial arm saw, single phase; 7) 1951 Ford 2-ton with hoist; 8) 330 Timberjack parts; Contact: Bernard Dahlvang of Specialty Hardwoods, 201 Bottomiller Drive, Wadena, MN 56482; Phone: 218-631-1128

FOR SALE: 1) Used parts shipped daily for skidders, crawlers, backhoes and more. Parts available for: Allis Chalmers, Athey, Bantam/Koehring, Bobcat, Case, Clark, Daewoo, Dresser, Drott, Fiat Allis, Franklin, Hitachi, Hyundai, International, John Deere, Komatsu, Linkbelt, Michigan, Mitsubishi, New Holland, Pettibone, Samsung, Taylor, Timbco, Timberjack, Volvo, and more; 2)reconditioned engines and transmissions; 3)rebuilt winches, final drives, and used tires; Contact: Schaefer Enterprises of Wolf Lake, Inc., 4535 State Route 3 North, Wolf Lake, IL 62998; Phone: 618-833-5498 or 800-626-6046; Fax: 618-833-7765; e-mail: parts@sewlparts.com; Web site: www.sewlparts.com

FOR SALE: Christmas tree baler with a dozen 14 and 16 inch cones and a new motor; Contact: Don Klande, 13699 County Road 72, Swan River, MN 55784; Phone: 218-492-4338

FOR SALE: C-5 Tree Farmer with blade and piler grapple for front cable winch; Contact: Jon Kleven, Box 63, Angle Inlet, MN 56711; Phone: 218-223-5050

FOR SALE: 1) 1993 Mack log truck; 2) pair of tracks with 700mm tires, used one winter; 3) set of chains 700mm tires; 4) 1998 Case 850G with winch; 5) Dixon 2-blade portable edger; 6) arm of Timbco head; Contact: Johnson Logging, Inc., 7557 360th Street Way, Cannon Falls, MN 55009; Phone: 507-263-5711; Fax: 507-263-2049; e-mail: sj.j@live.com

FOR SALE: Berlin Machinery Works No. 9 planer with six thin knives on each head; Contact: Dennis Freyholtz, 21571 Highway 71 NE, Hines, MN 56647; Phone: 218-835-4368

FOR SALE: 1) Edgers: Miner portable, Baker band, Marathon; 2) Band saws: Baker BBR 12” single head, Gofast resaw, Viking single head, Brewer 4 head; 3) Notchers: Kent single, Dixon single, Newman double; 4) Sawmills: Morgan scragg, Kara master 99’, Bolter; 5) Nailers: Viking Champion 304A, Rayco SMBC; 6) Dedusters: Froedge, West Plains; 7) Chippers: 48” chip pac precisions, 48” Morbark chip pac; 8) HMC debarker; plus many other items including decks, conveyors, blowers, etc; Contact: L&L Sales, 8948 Market Street, Sturgeon Lake, MN 55783; Phone: 218-372-4232; e-mail: llsales@frontiernet.net; Web site: llsawmill.com

FOR SALE: American brand 4-sided molder with 1805 patent date, complete and in mint condition; includes: 4 square heads, flatbelt drive and V-belt, large box of molder knives, with stationary power plant, international gas; Contact: Allen Kilmer of Killmer Woodworking, 7020 84th Street NE, Monticello, MN 55362; Phone: 763-295-5352; e-mail: alsshed@yahoo.com

Services and Miscellaneous

Services

SERVICES: Structural engineering, timber frame, and round log homes, difficult foundations; registered Minnesota professional engineer; Contact: John E. Wilkinson P.E., 604 2nd Avenue North, Sartell MN 56377; Phone: 320-253-1019

SERVICES: Custom drying with dehumidification kiln, has 600 bd ft capacity; Contact: Jim Mielke of Mielke's Mill and Craft; 37885 Park Trail, Center City, MN 55012; Phone: 651-583-2813; e-mail: jlacm@frontier.com

SERVICES: Will saw to your specifications with band or circular sawmills; Contact: Loren Strei, 3835 121st Avenue, Ortonville, MN 56278; Phone: 320-839-2057

INTERNATIONAL
BIOMASS
CONFERENCE & EXPO
a Biomass Magazine event

The International BIOMASS Conference & Expo is the world's largest biomass utilization event. The content includes biomass utilization to power, fuels, and chemicals tracked by feedstock categories.

Expectations for the May 4 through 6, 2010 conference are 2,000 attendees, 205 exhibits, 30 paid sponsors, 12 supporting organizations, and 100 speakers.

Tours will take place on May 4 to see some of the most innovative biomass projects currently in operation in the greater Twin Cities area.

Registration includes all on site events, exhibit hall, sessions, and refreshments. Cost varies in price according to the number of days spent at the conference. Early bird rates end March 7. For more information, visit: www.biomassconference.com.

SmallWood
April 20-22, 2010

Conference

Need an excuse to head to a warmer climate this spring? Then travel to Hot Springs, Arkansas, for the 2010 SmallWood Conference, scheduled for April 20 through 22.

This year's conference is themed "Bridges, Business and Biomass" and will provide state-of-the-art information on small-tree utilization and foster peer-to-peer learning.

New this year is a focus on timber bridge opportunities in which small-diameter timber can be used in timber bridge applications. Concurrent technical sessions will cover many other fields like biomass energy, small-tree utilization, marketing, business and current policy issues.

Registration is $275 through March 21. For more information go to: conferences@forestprod.org.

The MarketPlace
DNR Forestry
500 Lafayette Road
St Paul, MN 55155-4044

Change Service Requested

DNR Timber Auctions

Date	Auction	Area	Location
March 25	Regular/Intermediate	Bemidji/Blackduck/Brainerd Sealed Bid	Bemidji Area Office
March 31	Regular/Intermediate	Northeast Region Sealed Bid	Minnesota Discovery Center
April 7	Regular	Lake City Area	Lake City Area Office
May 18	Regular/Intermediate	Park Rapids Area	Park Rapids Enviro Ed Blg
May 19	Regular	Rochester Area	Rushford Fire Hall
June 1	Regular/Intermediate	Blackduck Area	Blackduck Senior Center
June 2	Regular/Intermediate	Hibbing Area	Minnesota Discovery Center
June 3	Regular/Intermediate	Orr/Tower	American Legion
June 4	Regular/Intermediate	Deer River Area	Big Fork Community Center
June 7	Regular/Intermediate	Cloquet Area	Carlton Cty Land Department
June 7	Regular/Intermediate	Baudette Area	Baudette Area Office
June 8	Regular/Intermediate	Northeast Region Sealed Bid	Minnesota Discovery Center
June 9	Regular/Intermediate	Bemidji Area	Bagley Forestry Office
June 9	Regular/Intermediate	Sandstone Area	Rutledge City Hall
June 15	Regular/Intermediate	Brainerd Area	Breezy Point Community Ctr
June 16	Regular/Intermediate	Littlefork Area	Littlefork Community Center
June 16	Regular/Intermediate	Two Harbors Area	Americinn Silver Bay
June 17	Regular/Intermediate	Aitkin Area	Long Lake Conservation Ctr