

This training service is presented through partnership of the following organizations:

Funding provided through a generous grant from:



Economic Action Programs

*Helping Rural Communities and Businesses
Dependent on Natural Resources become
Sustainable and Self-Sufficient*

Training facilities and expenses provided by:

LaMont Brothers Tree Service

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The Southeast Michigan Resource Conservation and Development Council (RC&D Council), strives to help the people of Southeast Michigan take better care of their natural resources and better utilize the services of local, state, and federal agencies while improving their community's economy, environment, and quality of life.

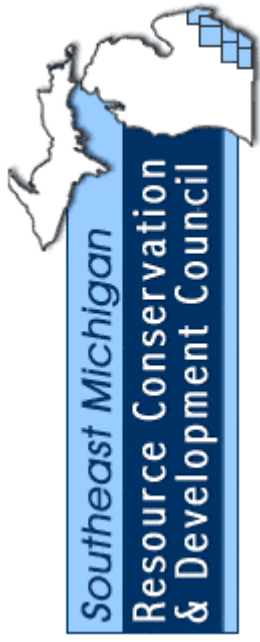
This training program is one component of the RC&D Council's efforts to implement an *Ash Utilization Options Grant* from the USDA Forest Service Economic Action Program. With the support of this funding, the RC&D Council plans to address the Emerald Ash Borer infestation in Southeast Michigan in a positive way. Through a series of demonstration projects, training sessions, and inventory efforts, the Council will show the potential benefits of processing the large quantities of woody material created by the EAB's devastation of local ash trees into a variety of value-added products. This project will ideally create an infrastructure to support future recycling of all urban wood waste in the region, thereby reducing the burden on local landfills, creating a new market for quality wood products, and supplying an additional source of revenue to Southeast Michigan.

The Council's efforts primarily target Lenawee, Macomb, Monroe, Oakland, St. Clair, Washtenaw and Wayne Counties, and the City of Detroit.

For more information about RC&D's Ash Utilization Initiatives, please contact:

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Web Site: www.semircd.org

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Presents

**LOG GRADING AND
SAWING FOR GRADE**

**A TRAINING
OPPORTUNITY TO
PROMOTE URBAN
WASTE WOOD
UTILIZATION IN
MICHIGAN**

**BY
MICHAEL LONG
HARDWOOD
CONSULTANT**

When:

August 23-27, 2004

Where:

***LaMont Brothers Tree Service
6785 Whitmore Lake Road
Whitmore Lake, MI 48189***



ABOUT THE PRESENTER:

Michael Long got his start setting up logging jobs and managing company lands for American Can, a pulp and paper company, in the late 1960s. In 1970, he was hired by the Ohio DNR, Division of Forestry, where he worked on state land management for over eight years. Long then transferred into the DNR's Forest Products Utilization (FPU) program, where he took over a statewide project working with loggers, sawmills, rough mills, and domestic and international trade.

Over the course of twenty-two years in the FPU program, he attended the NHLA grading school in Memphis, Tennessee, and a band saw filing school in New Brunswick, Canada. He offered many programs to the forest products industry, including:

- Sawmill Trainings: hardwood lumber grading, edger and trim saw training, sawing for grade, tree grading, tree bucking, log grading and scaling, yield studies, and mill alignment
- Logger Trainings: cruising for grade, timber felling, tree grading, tree bucking, log grading and scaling, topo map reading, and road layout
- Rough Mill Trainings: yield studies, air drying and kiln drying trouble shooting

Long retired from the Ohio DNR, after working there for thirty years, and now works as an independent hardwood consultant.

TOPICS TO BE DISCUSSED:

Monday, Aug. 23 – Tuesday, Aug. 24

- Relationships between hardwood log and lumber grades
 - Background study
 - Log grading discussion; yields, defects, value
 - Scaling: determining net board feet
- Log yard demonstration
 - Log defects
 - Log grading demonstration and practice session
 - Scaling procedures
 - Log sawing and edging

Wednesday, Aug. 25 – Friday, Aug. 27

- Sawing for grade lumber
 - Mill demonstration
 - Recognizing log quality
 - Log placement, positioning, and turning
- Grading lumber
 - Comparing lumber yield to original log yield estimates
 - Determining lumber value
 - Determining log value
 - Overrun

REGISTRATION FORM:

Name: _____

Business: _____

Address: _____

Phone: _____

Fax: _____

E-mail: _____

I am attending (please check one):

- Log grading and scaling (Aug. 23 – 24)
- Sawing for grade (Aug. 25 – 27)
- Both sessions (recommended)

There is a \$50 registration fee for attending any portion of this training program.

Please mail this form and your registration fee by August 13, 2004 to:

Jessica Simons
SE MI RC&D Council
7203 Jackson Road
Ann Arbor, MI 48103-9506

Questions?

Please call: (734) 761-6722 X 105 or
send an e-mail to: jessica.simons@semircd.org.