



Portable “Fast Pyrolysis” Equipment Demonstration August 31, 2009 at 1:00 PM Kinzua Mill Site

2 miles north of Heppner, OR on State HWY 207

The Umatilla National Forest, in cooperation with Morrow County, Rocky Mountain Research Station, University of Idaho and the University of Montana, is sponsoring a free public demonstration of fast pyrolysis equipment.

The demonstration on August 31 will be held at the Kinzua Mill Site, located two miles north of Heppner, OR on State Highway 207. The equipment will be set up on site that morning for viewing with the presentation taking place at 1:00 p.m.



The “Pyrolyzer”

This demonstration investigates whether portable fast pyrolysis is economically feasible to decrease wildfire risk by reducing hazardous fuels.

What is fast pyrolysis? Fast Pyrolysis is a thermal process that rapidly heats woody biomass to a controlled temperature (500 degrees C), and then quickly cools the volatile products to yield bio-oil (~60%) bio-char (~20%) and syngas (~20%). The syngas can be collected or recycled into the combustion chamber to run the fast pyrolysis operation. The bio-oil and bio-char are collected and trucked off-site for later use. Bio-oil can be refined into #2 diesel fuel or used for industrial heating while the bio-char can be used as a valued soil amendment.

For more information about the fast pyrolysis demonstration, please contact:

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