

# LaPorte County Health Department

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Dear County Resident,

As you may have already learned from the information provided within this site, the US Environmental Protection Agency (EPA) has provided a list of Outdoor Wood Boiler (OWB) models, which meet the EPA **Phase 2 White Tag** emission standards. You may be asking: What does this mean? Below we offer not only some clarification regarding the EPA list, but too, how the list works in conjunction with the La Porte County Outdoor Wood Boiler Ordinance.

### **What is a Phase 2 White Tag Model?**

- These models have been tested by an EPA-accredited laboratory certifying these units as 90% cleaner and more efficient than unqualified models.

### **How can I identify a Phase 2 White Tag Model?**

- A qualifying Phase 2 White Tag Model will come with White Tag permanent identification. If the unit does not have a White Tag, the unit does not qualify as a 90% cleaner and more efficient Phase 2 unit. to view a Phase 2 White Tag visit: <http://www.epa.gov/woodheaters/guidewhite.htm>

### **There are several Phase 2 White Tag Models on the EPA list. Do all of the models meet the emission standards in the La Porte County OWB Ordinance?**

- Actually, the La Porte County ordinance is stricter than the EPA regarding allowable grams/hr highest individual test run. That is, the EPA allows 18.0 grams/hr, while La Porte County does not allow a highest individual test run to surpass 15.0 grams/hr. The EPA and La Porte County are the same regarding a particulate emission limit of 0.32#/mmbtu heat output. While all the Phase 2 White Tag Models listed as of December 2008 meet the particulate emission limit in the La Porte ordinance, only three meet the La Porte ordinance regarding a highest individual test run not exceeding 15.0 grams/hr.

### **What units currently meet La Porte's individual test run grams/hr and particulate emission limits?**

- The units meeting both individual test run AND particulate emission limits as of December 2008 are: Central Boiler's *Maxim M250*; Hardy Manufacturing Company's *KBP 270*; and Northwest Manufacturing, Inc. (Woodmaster) *AFS 900*. Since the list is sure to expand in the future, please check the EPA website for updates at: <http://www.epa.gov/woodheaters/models.htm>

### **What is the advantage in purchasing a Phase 2 White Tag Model over Phase 1 Orange Tag or uncertified models?**

- Phase 2 White Tag Models are cleaner burning, thus, less polluting. Phase 2 White Tag Models are more efficient, thus, providing the home heating comfort desired at perhaps less fuel usage. Phase 2 White Tag Models that meet both the La Porte County particulate emission limits AND individual test run

grams/hr are only required to meet side and rear yard setbacks (25 feet from the property line), and the unit shall not be placed in front of the residence it serves. Additionally, all OWBs must be out of service between the periods of May 15 through September 15 of each year regardless of certification

### **What is a Phase 1 Orange Tag Model?**

- A Phase 1 Orange Tag Model was the first phase of OWB certification. These units qualify as 70% cleaner than unqualified models. Although there are “Year Round” models, the La Porte County ordinance does NOT allow year round use of OWBs. Thus, a Phase 1 Orange Tag Model year round or heating season only selection is one of the same in La Porte because both are required to meet ALL regulations set forth in the ordinance. Such as set-backs, stack heights, spark arrestor, and other installation restrictions. All OWBs must be out of service between the periods of May 15 through September 15 of each year regardless of certification.

### **How can I identify a Phase 1 Orange Tag Model?**

- A qualifying Phase 1 Orange Tag Model will come with Orange Tag identification. If the unit does not have an Orange Tag, the unit does not qualify as a 70% cleaner Phase 1 unit. To view a Phase 2 Orange Tag visit: <http://www.epa.gov/woodheaters/pdfs/hangtag1.pdf>

**Further clarification/information is provided at the EPA FAQ site:**

<http://www.epa.gov/woodheaters/pdfs/FAQs10-22-08VT.pdf>