

YAKIMA REGIONAL CLEAN AIR AUTHORITY
Six So. Second St., Suite 1016
Yakima, WA 98901

IN THE MATTER OF QUALIFYING FOR)	
SYNTHETIC MINOR COMPLIANCE BY)	
WEYERHAEUSER, CO. INCORPORATED with)	Regulatory Order Number :
Section 70.94.161 RCW, Operating Permits for Air)	SM. 97-001
Contaminant Sources, and the rules and Regulation of)	
the Yakima Regional Clean Air Authority (YRCAA).)	
)	

To: Weyerhaeuser Company
500 Ahtanum Road
P.O.Box 1322
Yakima, WA 98907
Attn: Mr. Ron Jundt

I.
Jurisdiction

This order is issued pursuant to the authority of Revised Code of Washington (RCW) RCW 70.94.141, Washington Administrative Code (WAC) WAC 173-400-091 and WAC 173-401-300.

II.
Legal Authority

II.1 WAC 173-401-300(7), Federally Enforceable Limits, states in part:

"Any Source which is defined as a chapter 401 source solely because its potential to emit exceeds the annual tonnage thresholds defined in WAC 173-401-200(18) shall be exempt from the requirements to obtain an operating permit when federally enforceable conditions which limit that source's potential to emit to levels below the relevant tonnage thresholds have been established for that source.

"In applying for an exemption under this subsection, the owner or operator of the source shall demonstrate to the permitting authority that the source's potential to emit, taking into account any federally enforceable restrictions assumed by the source, does not exceed the tonnage thresholds defined in WAC 173-401-200(18). Such demonstrations shall be in accordance with WAC 173-401-520 and shall contain emissions measurement and monitoring data, location of monitoring records, and other information necessary to support the source's emission calculations.

"Permitting authorities may use the following approaches to establish federally enforceable limitations: (i) Regulatory orders... WAC 173-400-091..., (ii) Notice of Construction approvals... (iii) General permits..."

II.2 WAC 173-400-091(1) states:

"Upon request by the owner or operator of a source, ecology or the authority with jurisdiction over the source shall issue a regulatory order that limits the source's potential to emit any air contaminant or contaminants to a level agreed to by the owner or operator and ecology or the authority with jurisdiction over the source."

- II.3** By limiting the potential to emit to levels below the tonnage thresholds defined in WAC 173-401-200(18) by following the provisions of this Order, Weyerhaeuser Co. will not be required to obtain an Operating Permit in accordance with WAC 173-401, Operating Permit Regulation.

III.

Findings of Facts

The Yakima Regional Clean Air Authority (YRCAA) makes the following Findings of Fact:

- III.1** Weyerhaeuser Co. is the owner and operator of two, 600 and 400 horsepower Boilers that in the combustion process use Natural gas or Diesel #2, located at Yakima, Washington, Yakima county.
- III.2** The boilers have the potential to emit Sulfur Oxides and Nitrogen Oxide pollutants that exceeds the threshold given in WAC 173-401-300, applicability, and therefore would be required to obtain an Operating Permit in accordance with WAC 173-401, Operating Permit Regulation.
- III.3** Weyerhaeuser Co. has requested that YRCAA limits the above described boiler potential to emit Sulfur Oxides and Nitrogen Oxide to a level agreed to by Weyerhaeuser and YRCAA.

THEREFORE, IT IS ORDERED BY the Yakima Regional Clean Air Authority in relation to the above that the Weyerhaeuser boiler, as described above, be subject to the following conditions:

- IV.1** For the boiler described above, the combined usage of natural gas and diesel # 2 shall be limited to keep each pollutant below the threshold limit which is 100 tons per year. The two main pollutants of concern for these fuels are sulfur oxide and nitrogen oxide. Weyerhaeuser shall keep a month by month running tally for all fuels burned. For all fuels, Weyerhaeuser shall use the Environmental Protection Agency's AP-42 emission factors for the sulfur oxide and nitrogen oxide.
- IV.2** The quantities of the natural gas and the diesel #2 fuel oil used, the sulfur content of the fuel oil, shall be totaled monthly. The emissions results of all pollutants including the sulfur oxide and the nitrogen oxide and supporting documentation shall be reported annually. Quantities of diesel oil #2 with sulfur content of 0.5 % or less shall not exceed 90,000 gallons per year or 2000 gallons per day for a maximum number of 45 days per year as requested by Weyerhaeuser Co. The boiler can be used at its maximum capacity using natural gas, thus the cap for natural gas is 25,714.28 cubic feet per hour. The consumption quantities, sulfur content, and emissions calculations may be based upon purchase and inventory records, supplier documents and tank readings. The annual report shall be submitted within thirty (30) days of the calendar year. If the quantity of natural gas, diesel #2 or the 100 ton per of pollution is exceeded during the

calendar year, this shall be reported within ten (10) working days of the calculation, or discover, or fuel order, whichever is sooner. It shall be the responsibility of Weyerhaeuser to ensure that the quantities of 90,000 gallons per year of diesel #2 and the pollution threshold limits of 100 tons per year are not exceeded.

- IV.3** The above cap of 90,000 gallons per year of diesel #2 is based upon the voluntary limit Weyerhaeuser agreed not to exceed per year. The emission quantities from this cap of 90,000 gallons per year of diesel #2 for sulfur oxide and nitrogen oxide with sulfure content of 0.5 % are about 4 and 1 ton per year, respectively. The rest the pollutants emission comes from the usage of the natural gas fuel, provided the pollutants emission from both fuel shall not to exceed 100 tons per year. As stated above it is the responsibility of Weyerhaeuser to ensure that the pollution threshold limits of 100 tons per year are not exceeded. Adjustments to the cap that will exceed the emissions targets may be made by issuing another separate Order in accordance with WAC 173-400-091. Issuing another separate Order in accordance with WAC 173-400-091 may be done if more refined calculations or testing is conducted or justification is made that 100 tons per year would not be exceeded. A Notice of Construction will not be required for this instance if this is the sole reason for requesting a change to the terms of this Order.
- IV.4** If the Weyerhaeuser determines they no longer want to limit emissions below the 100 tons per year threshold, they must submit an operating permit application in accordance with WAC 173-401. Until an operating permit is issued, the company will continue to be bound by this Order.
- IV.5** Any application from, report, or compliance certification, including the annual consumption report, submitted pursuant to this Order shall contain certification by a responsible official of truth, accuracy, and completeness. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- IV.6** This Order is valid only after payment of appropriate fee(s) required pursuant to WAC 173-400-104.

Nothing in this Order alters the facility's obligation to comply with other laws, including air laws and regulations, except that Weyerhaeuser's application for, receipt of, and compliance with this order exempts Weyerhaeuser from the requirement to obtain an Operating Permit.

Any violation of such rules and regulations or of the terms of this approval, including, but not limited to, exceedances of emission limits demonstrated by source testing or emissions calculations, shall be subject to the sanctions provided in Chapter 70.94 RCW.

The provisions of this authorization are severable and, if any provision of this authorization, or application of any provisions of this authorization to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this authorization, shall not be affected thereby.

Any person feeling aggrieved by this ORDER may obtain review thereof by application, within thirty (30) days of receipt of this ORDER to the Pollution Control Hearings Board, P.O. Box 40903, Olympia,

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Weyerhaeuser Co.

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WA 98504-0903. Concurrently, a copy of the application must be sent to Yakima Regional Clean Air Authority, Six So. Second St., Suite 1016, Yakima, WA 98901. These procedures are consistent with the provisions of Chapter 43.21B RCW and the rules and regulations adopted thereunder.

DATED at Yakima, Washington this 2nd day of September, 1997.

(NOTARY SEAL)

REVIEWED BY:

Yakima Regional Clean Air Authority

Hasan Tahat

Les Ornelas

APPROVED BY:

APCO-Director
Yakima Regional Clean Air Authority