



**PROJECT REPORT**  
**Weyerhaeuser NR Company > Weyerhaeuser Raymond**

**Title V Permit Renewal Application**  
**Application for Renewal of Permit No. 04AOP387**

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July 2012

Project 124801.0022

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# 1. PERMIT RENEWAL INFORMATION

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Weyerhaeuser NR Company (Weyerhaeuser) owns and operates a softwood lumber mill in Raymond, Washington. The lumber mill is referred to in this application as Weyerhaeuser Raymond. The facility currently operates under Title V Operating Permit No. 04AOP387, which was issued by the Olympic Region Clean Air Agency (ORCAA) and expires on February 4, 2013. The permit was issued on February 4, 2008 per an initial application submitted to ORCAA by Weyerhaeuser in September 2005. This document serves as the application for the renewal of Weyerhaeuser's Title V permit for the Weyerhaeuser Raymond lumber mill.

## 1.1. RENEWAL APPLICATION OVERVIEW

This Title V Air Operating Permit renewal application contains the following sections.

- Section 1: Permit Renewal Information
- Section 2: Facility Changes Since Last Title V Modification
- Section 3: Emission Calculations
- Section 4: Regulatory Applicability
- Section 5: Compliance Demonstration
- Section 6: Compliance Assurance Monitoring
- Section 7: Permit Shield and Non-applicable Requirements
- Section 8: Requested Changes to the Title V Air Operating Permit

Several supporting documents and required application materials are included in the appendices to this permit renewal application, specifically:

- Appendix A: Redlined Title V Operating Permit No. 04AOP387
- Appendix B: Redlined Technical Support Document
- Appendix C: Potential to Emit Calculations
- Appendix D: ORCAA Title V Permit Renewal Application Forms
- Appendix E: Certification of Truth, Accuracy, and Completeness

In some cases, a prior submittal to ORCAA (e.g., the annual emission inventory) may include information requested in the Title V renewal application. Instructions to the ORCAA renewal application state that applicants may refer to that information rather than provide it in the application. Any submittal to which ORCAA is referred will become part of the renewal application. In places, Weyerhaeuser refers to prior submittals in this renewal application.

## 2. FACILITY CHANGES SINCE LAST TITLE V MODIFICATION

Only a single Notice of Construction (NOC) was submitted during the term of the current Title V Operating Permit No. 04AOP387. ORCAA issued Order of Approval 12NOI879 on March 28, 2012 to allow for the short-term operation of a portable air compressor.

Furthermore, the following changes have not occurred to the current Title V permit:

- Off-permit changes according to Washington Administrative Code (WAC) 173-401-724;
- Section 502(b)(10) changes according to WAC 173-401-722(2); and
- New sources or modifications that did not require an NOC.

### 2.1. EMISSION UNITS

There are no changes to the significant emission sources listed in Table A3.1 in Attachment 2 to Permit No. 04AOP387. However, note that under the Hog Fuel System heading in Table A3.1, Cyclone #8 is now in service and that Cyclone #15 is out of service. Cyclone #8, part of the Hog Fuel System (EU5), processes residuals stored in the Wellons Hog Fuel Boiler (EU1) bin. It transports its catch to the wet fuel belt and exhausts to the powerhouse baghouse.

### 2.2. INSIGNIFICANT EMISSION UNITS

Refer to the insignificant emission sources listed in Table 3.2 in Attachment 3 to Permit No. 04AOP387. No emission sources should be removed. Weyerhaeuser requests to add the insignificant emission sources presented in Table 2-1 to that list.

**Table 2-1. Additional Insignificant Emission Units**

<b>Process #</b>	<b>Name of Insignificant Emission Unit</b>	<b>Basis for IEU Designation</b>
Sawmill	Filing room heats a melting pot of babbit for saw blade repairs	WAC 173-401-532(15)
Maintenance	Personnel lift equipment uses electric batteries	WAC 173-401-532(77)

### 2.3. TECHNICAL SUPPORT DOCUMENT (TSD)

Weyerhaeuser requests that changes be made to the current TSD issued to Weyerhaeuser Raymond on February 4, 2008 to reflect operational changes at the facility. Specifically, Weyerhaeuser requests that changes in the current TSD be made to:

- Process descriptions;
- Emission unit summaries;
- Regulatory determinations; and
- The statement of basis.

A redlined version of the current TSD showing each requested change is provided in Appendix B.