BEFORE THE DEPARTMENT OF ENVIRONMENTAL QUALITY

OF THE STATE OF OREGON

IN THE MATTER OF Roseburg Forest Products Co. Permittee.	))))	STIPULATED AGREEMENT AND FINAL ORDER ORDER NO. 10-0025

Permittee, Roseburg Forest Products Co., and the Department of Environmental Quality (DEQ) hereby agree that:

WHEREAS:

1. Permittee operates a wood products facility located at Old Highway 99S in Dillard, Oregon (the Facility).

2. On October 20, 1997, DEQ issued Title V Operating Permit No. 10-0025-TV-01 (the Permit) to Permittee.

3. On April 13, 2021, DEQ renewed the Permit.

4. The Permit authorizes Permittee to discharge air contaminants associated with its operation of the Facility in conformance with the requirements, limitations, and conditions set forth in the Permit.

5. As of December 31, 2017, the Permit had the following plant site emissions limit (PSEL) for sulfur dioxide (SO2), particulate matter of ten microns or less (PM10), and nitrogen oxides (NOx), which constitute round II regional haze pollutants, *see* OAR 340-223-0020(2): 113 tons per year for SO2, 683 tons per year for PM10, and 1655 tons per year for NOx.

6. The Facility is located 81.8 kilometers from Kalmiopsis Wilderness Area, which is the nearest Class I Area, *see* OAR 340-200-0020 (25), measured in a straight line from the Facility to the Class I Area.

7. Based on the definitions and the formula in OAR 340-223-0100(2), the Facility's Q value is 2451; d value is 81.8, and ratio of Q divided by d is 29.97.

8. Because the Facility has a Title V operating permit and because the Facility has a Q/d value of greater than 5.00, the Facility is subject to the requirements of round II of regional haze. *See* OAR 340-223-0100(1).

9. Rather than complying with OAR 340-223-0110(1), the Facility would like to enter into a Stipulated Agreement with DEQ for alternative compliance with round II of regional haze and would like to accept a federally enforceable requirement to install and continually operate control devices, pollution prevention equipment, monitoring equipment and accept emission limitations to reduce round II regional haze pollutants from the Facility which DEQ shall incorporate into a Final Order. *See* OAR 340-223-0110(2).

I. AGREEMENT

1. DEQ issues this Stipulated Agreement and Final Order (SAFO) pursuant to OAR 340-223-0110(2), and it shall be effective upon the date fully executed.

2. The Facility is subject to round II of regional haze, according to OAR 340-223-0100(1).

3. The Permittee agrees to and will ensure compliance with the PSEL reductions, emission limits, and controls and CEMS installation schedules and conditions in Section II of this SAFO.

4. The reductions to PSELs required by this SAFO shall not be banked, credited, or otherwise accessed by Permittee for use in future permitting actions.

5. PSELs for this Facility shall not be increased above those established in this SAFO except as approved in accordance with applicable state and federal permitting regulations.

6. The Permittee shall calculate compliance with the PSELs in Section II of this SAFO according to the requirements of the Permit.

7. DEQ shall incorporate this SAFO and the conditions in Section II below into the Permit pursuant to OAR 340-218-0200(1)(a)(A), if applicable, or upon permit renewal.

8. DEQ may submit this SAFO to the Environmental Protection Agency as part of the Clean Air Act State Implementation Plan.

9. Permittee waives any and all rights and objections Permittee may have to the form, content, manner of service, and timeliness of this SAFO and to a contested case hearing and judicial review of the SAFO.

10. In the event EPA does not accept DEQ's Round II Regional Haze State Implementation Plan (SIP) in any manner that impacts the final order, implementation of the Final Order shall be stayed until DEQ and the Permittee modify the Final Order in such a manner as to ensure compliance with the Round II Regional Haze SIP.

11. This SAFO shall be binding on Permittee and its respective successors, agents, and assigns. The undersigned representative of Permittee certifies that he, she, or they are fully authorized to execute and bind Permittee to this SAFO. No change in ownership, corporate or partnership status of Permittee, or change in the ownership of the properties or businesses affected by this SAFO shall in any way alter Permittee's obligation under this SAFO, unless otherwise approved in writing by DEQ through an amendment to this SAFO.

12. If any unforeseen event occurs that is beyond Permittee's reasonable control and that causes or may cause a delay or deviation in performance of the requirements of this SAFO, Permittee must immediately notify DEQ verbally of the cause of delay or deviation and its anticipated duration, the measures that Permittee has or will take to prevent or minimize the delay or deviation, and the timetable by which Permittee proposes to carry out such measures. Permittee shall confirm in writing this information within five (5) working days of the onset of the event. It is Permittee's responsibility in the written notification to demonstrate to DEQ's satisfaction that the delay or deviation has been or will be caused by circumstances beyond the control, unforeseen, and despite due diligence of Permittee. If Permittee so demonstrates, DEQ may extend times of performance of related activities under this SAFO as appropriate. Circumstances or events beyond Permittee's control include, but are not limited to, extreme and unforeseen acts of nature, unforeseen strikes, work stoppages, fires, explosion, riot, sabotage, or war. Increased cost of performance or a consultant's failure to provide timely reports are not considered circumstances beyond Permittee's control.

13. Facsimile or scanned signatures on this SAFO shall be treated the same as original signatures.

II. FINAL ORDER

DEQ hereby enters a final order requiring Permittee to comply with the following schedule and conditions:

1. By July 31, 2022, Permittee shall install CEMS to measure the emissions of NOx from Boiler 1, Boiler 2 and Boiler 6. Permittee shall install the CEMS according to the following installation, quality control, and quality assurance requirements:
   a. By September 31, 2022, Permittee shall demonstrate proper installation of the CEMS following EPA Procedure 1 (see 40 CFR 60, Appendix F, Procedure 1), Performance Specification 2 (see 40 CFR 60, Appendix B, Performance Specification 2), and DEQ Source Continuous Monitoring Manual, Rev. 2015.
   b. By December 31, 2022, Permittee shall submit data collected during demonstrations required under Section II.1.a to DEQ for review and approval of the CEMS.
   c. Upon DEQ's approval of the CEMS certification, Permittee shall use data collected from the CEMS to demonstrate compliance with the applicable NOx emission limits listed in Section II.2 and II.4.
   d. Permittee shall collect and record all data from the NOx CEMS and make those data available to DEQ upon request.
2. From January 31, 2023 until June 30, 2025, Permittee shall meet the following emission limits:
   a. 0.30 lb NOx/MMBtu on a 7-day rolling average at Boiler 1;
   b. 0.30 lb NOx/MMBtu on a 7-day rolling average at Boiler 2;
   c. 0.28 lb NOx/MMBtu on a 7-day rolling average at Boiler 6; Or

d. Average of emissions from Boiler 1, Boiler 2, and Boiler 6 of 0.28 lb NOx/MMBtu (7-day rolling average).

3. By January 31, 2024, the Permittee shall notify DEQ in writing whether the Permittee will comply with the emission limits in Section II.4 using boiler optimization or through the installation of Selective Non-Catalytic Reduction controls (SNCR).

a. If the Permittee determines that the installation of SNCR controls are required to meet the emission limits in Section II.4, SNCR shall be installed, permitted, and operational by June 30, 2025.

b. Permittee shall submit a complete permit application for construction and operation of the SNCR by June 30, 2024.

4. On and after June 30, 2025, Permittee shall meet the following emission limits:

a. 0.27 lb NOx/MMBtu on a 7-day rolling average at Boiler 1;

b. 0.26 lb NOx/MMBtu on a 7-day rolling average at Boiler 2;

c. 0.26 lb NOx/MMBtu on a 7-day rolling average at Boiler 6; Or

d. Average of emissions from Boiler 1, Boiler 2, and Boiler 6 of 0.25 lb NOx/MMBtu (7-day rolling average).

Roseburg Forest Products Co. (PERMITTEE)

8/9/2021
Date

Stuart W. Gray
Signature

Stuart W. Gray
Name (print)

SVP, General Counsel & Secretary
Title (print)

DEPARTMENT OF ENVIRONMENTAL QUALITY and ENVIRONMENTAL QUALITY COMMISSION

8/9/2021
Date

Ali Mirzakhalili, Administrator
Air Quality Division
on behalf of DEQ pursuant to OAR 340-223-0110(2)