DocuSign Envelope ID: 084233F0-4ECC-4ABB-BC2D-58AFCB838A2D

BEFORE THE DEPARTMENT OF ENVIRONMENTAL QUALITY

OF THE STATE OF OREGON

IN THE MATTER OF Boise Cascade Wood Products, L.L.C. Elgin Complex Permittee.	)))))	STIPULATED AGREEMENT AND FINAL ORDER ORDER NO. 31-0006

Permittee, Boise Cascade Wood Products, L.L.C., and the Department of Environmental Quality (DEQ) hereby agree that:

WHEREAS:

1. This SAFO supersedes and replaces the SAFO that was executed on August 9, 2021.

2. Permittee operates a wood products facility located at 90 S 21st Avenue in Elgin, Oregon (the Facility).

3. On February 26, 1998, DEQ issued Title V Operating Permit No. 31-0006-TV-01 (the Permit) to Permittee.

4. On December 5, 2016, DEQ renewed the Permit.

5. 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.

6. 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) at the Facility: 30 tons per year for SO2, 62 tons per year for PM10 and 171 tons per year for NOx.

7. The Facility is located 18.1 kilometers from Eagle Cap 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.

8. Based on the definitions and the formula in OAR 340-223-0100(2) the Facility's Q value is 272; d value is 18.1, and ratio of Q divided by d is 15.04.

DocuSign Envelope ID: 084233F0-4ECC-4ABB-BC2D-58AFCB838A2D

9. 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).

10. 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 federally enforceable requirements to install and continually operate combustion controls, 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)(b)(A).

I. AGREEMENT

1. DEQ issues this Stipulated Agreement and Final Order (SAFO) pursuant to OAR 340-223-0110(2)(b)(A), 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, controls and CEMS installation schedules and conditions in Section II of this SAFO.

4. The PSEL reductions 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.

DocuSign Envelope ID: 084233F0-4ECC-4ABB-BC2D-58AFCB838A2D

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 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) business 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 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, work interference caused by pandemic, 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.

DocuSign Envelope ID: 084233F0-4ECC-4ABB-BC2D-58AFCB838A2D

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

II. FINAL ORDER

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

1. On and after July 31, 2022, the Permittee's PSELs for the following pollutants are:
    i. 17.1 tons for SO2
2. Within 3 months after full execution of this Final Order, Permittee shall order CEMS to be installed on Boiler 1 and Boiler 2 to measure the emissions of NOx from Boiler 1 and Boiler 2. 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 Continuous Monitoring Manual, Rev. 2015.
    b. By seven months after CEMS installation is completed, Permittee shall submit data collected during demonstrations required under Section II.2.a to DEQ for review and certification 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 PSEL and the NOx emission limits listed in Section II.3 and II.4 after combustion improvements are complete and new emission limits have been established.
    d. Permittee shall collect and record all data from the CEMS in accordance with QA/QC requirements specified in the applicable Performance Specifications and any Quality Assurance Plan developed in accordance with the applicable Performance Specification. Permittee will make that data available to DEQ upon request.

DocuSign Envelope ID: 084233F0-4ECC-4ABB-BC2D-58AFCB838A2D

3. By July 31, 2023, Permittee shall begin installation of combustion improvement project(s) designed to achieve emissions reductions of NOx from Boiler 1 and Boiler 2 by 15%, and Permittee shall begin monitoring NOx emissions using the CEMS to determine actual NOx emission reductions achieved by controls. If initial boiler combustion improvement project(s) fail to achieve a minimum 15% NOx reduction, the permittee may implement additional combustion improvement projects to achieve 15% NOx reduction or accept PSEL reductions as described in Section II.4.

4. By December 31, 2025, Permittee shall submit 12 months of CEMS data to DEQ demonstrating the NOx emission reductions achieved by combustion controls, and Permittee shall propose a NOx limit based on the achieved reductions. DEQ will review Permittee's proposed NOx limit and will determine the appropriate limit to apply to Boiler 1 and Boiler 2. The limit will be set on a 7-day rolling basis and to ensure continuous compliance with the limit based on the provided data. DEQ will notify Permittee in writing of established emission limit and will offer an opportunity to discuss the limit.

5. If combustion controls fail to achieve 15% NOx reduction, Permittee must reduce PSEL (PM10+NOx+SO2) to a level that would achieve a Q/d commensurate with a 15% Boiler NOx reduction.

6. On and after March 31, 2026, the Permittee must comply with emission limit and the PSEL established pursuant to Section II.4 and Section II.5.

BOISE CASCADE WOOD PRODUCTS, LLC.
(PERMITTEE)

8/12/2021 | 2:06:49 PM MDT
Date

Dale Treib
Signature

Dale Treib
Name (print)

Production Manager
Title (print)

DocuSign Envelope ID: 084233F0-4ECC-4ABB-BC2D-58AFCB838A2D

DEPARTMENT OF ENVIRONMENTAL QUALITY and
ENVIRONMENTAL QUALITY COMMISSION

Ali MIRZAKHALILI (Aug 12, 2021 17:01 PDT)

Date

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

BC Wood Products 31-0006_SAFO_BC_Elgin_final_08_12_21

Final Audit Report 2021-08-13

Created:	2021-08-12
By:	Carol Thornberg (carol.thornberg@deq.state.or.us)
Status:	Signed
Transaction ID:	CBJCHBCAABAAS49iPR3M_HvvYmRLXIJ0Am6K65LnMMWc

"BC Wood Products 31-0006_SAFO_BC_Elgin_final_08_12_21" History

Document digitally presigned by DocuSign\, Inc. (enterprisesupport@docusign.com)
2021-08-12 - 8:09:10 PM GMT

Document created by Carol Thornberg (carol.thornberg@deq.state.or.us)
2021-08-12 - 11:43:24 PM GMT

Document emailed to Ali MIRZAKHALILI (mirzakhalili.ali@deq.state.or.us) for signature
2021-08-12 - 11:45:46 PM GMT

Email viewed by Ali MIRZAKHALILI (mirzakhalili.ali@deq.state.or.us)
2021-08-13 - 0:01:11 AM GMT

Document e-signed by Ali MIRZAKHALILI (mirzakhalili.ali@deq.state.or.us)
Signature Date: 2021-08-13 - 0:01:26 AM GMT - Time Source: server

Agreement completed.
2021-08-13 - 0:01:26 AM GMT

Adobe Sign