EMS0029

Mobile Wood Chipper Operation Management Plan

Porta Products

124 Lowes Mount Road, Oberon NSW

Borg Construction Pty Ltd

14 August 2025

This document should be read in conjunction with EMS0060 Construction Environment Management Plan, EMS0001 Operational Environmental Management Plan, EMS0061 Construction Noise Management Plan and EMS0005 Operational Noise Management Plan

Revision History

Rev No.	Revision Date	Author	Details	Authorised	
				Name	Signature
0	28/03/17	Carly McCormack	Draft for Site Consultation	Victor Bendevski	
1	27/04/17	C McCormack	Final Draft	V Bendevski	
2	01/06/17	C McCormack	Final	V Bendevski	
3	02/11/18	Jacqueline Blomberg	Review as per SSD7016 C10	V Bendevski	
4	8/07/2020	J Blomberg	Review as per SSD7016 C10 No changes	V Bendevski	
5	2/11/2021	J Blomberg	Review as per SSD7016 C10 (d) Updates to section 1 and 6	Andrew Brady	
6	16/08/2022	A Brady	Review as per SSD7016 C10 (a) & (c) Name change, include MOD 4	J Blomberg	
7	25/08/2023	A Brady	Review as per SSD7016 C10(c)	V Bendevski	
8	5/09/2024	A Brady	Review as per SSD7016 C10 (a) & (c) Name change, inclusion of MOD 5	A Brady	
9	14/08/2025	A Brady	Review as per SSD7016 C10 (c) Name change	A Brady	

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1 Introduction

This Management Plan has been prepared for the Porta Products Pty Ltd (Formally Borg Manufacturing, Borg Panels, Australian Panels) Oberon site (and will be referred to herein as the '**Development**')

The purpose of this Mobile Wood Chipper Operation Management Plan is to minimise noise impacts on nearby noise sensitive receivers resulting from operation of Mobile Wood Chippers at The Development.

Mobile chipping plant are the highest noise emitters on site by a significant margin. Operation of mobile chippers does not form part of 'normal' operations. They are typically only used during breakdown of electric plant.

The Noise Impact Assessment prepared by EMM (formally Global Acoustics) in May 2016 for the initial Development Consent SSD 7016 (approved 29 May 2017) predicted minor to moderate exceedances for noise sensitive receivers south of site for the day period when mobile chipping plant is operational during prevailing (enhancing) meteorological conditions.

Subsequent noise impact assessments prepared by EMM in January 2018 for MOD 1, in January 2019 for MOD 2, in March 2020 for MOD 3 and in September 2021 for MOD 4 concluded that the modifications to the Oberon timber manufacturing facility would not materially change site noise emission levels and that continued compliance is predicted for all receptors. MOD 5 was lodged in January 2024 which included minor changes to the proposed mechanic's workshop. The noise impacts of this proposed modification were accounted for in the update of site noise model prepared by EMM and were included in the MOD 4 application.

This Mobile Wood Chipper Operation Management Plan documents mitigation and management measures to assist The Development in meeting noise limits. Exceedances can be avoided through monitoring weather and restricting use of mobile chipping plant during periods of meteorological enhancement.

Routine noise compliance monitoring is undertaken to measure compliance with noise limits.

2 Compliance Requirements

2.1 Development Consent

The Development Consent SSD 7016 conditions relevant to mobile chipper operation that have been considered in this Plan are detailed in Table 1.

Table 1 – Development Consent Conditions

No.	Requirement	Document Reference
	Mobile Wood Chippers	
B22	During construction, the Applicant must ensure that mobile wood chippers are not operating simultaneously with rock/concrete breaking activities.	Section 4.4

B23	The use of mobile wood chippers on site is restricted to the day time period only and to periods of breakdown or maintenance of the permanent wood debarkers and electric chippers, and must not operate under the following conditions: a) in the open when winds are from the north-west through to the north-east (315°, through 0°, to 45°); and b) when winds are from the west through to the east (270°, through 0°, to 90°), two or more mobile wood chippers are not to operate simultaneously.	Section 4.2 Section 4.3 Section 4.1 Section 4.1
B24	Within 6 months of the date of this consent or the commencement of construction of the Project, whichever occurs first, the Applicant must prepare a Mobile Wood Chipper Operation Management Plan for the Development. The plan must outline how the requirements under Conditions B22 and B23 will be achieved and must include any reasonable and feasible mitigation measures to limit operation to periods of breakdown or maintenance of the permanent debarkers and electric chippers.	This Plan Section 4.3

Development Consent SSD 7016 also stipulates noise limits, which are not to be exceeded, for noise generated by the Development as shown in Table 2.

Table 2 Noise Limits dB(A)

Location	Day LAeq (15 minute)	Evening LAeq (15 minute)	Night LAeq (15 minute)
All sensitive receivers	55	50	45

2.2 Environment Protection Licence

The Environment Protection Licence 3035 (EPL 3035) conditions relevant to mobile chipper operation that have been considered in this Plan are detailed in Table 2.

EPL 3035 also stipulates noise limits, which are not to be exceeded, for noise generated by the Development. These limits mirror those noted in Table 2.

Table 3– Environment Protection Licence Conditions

No.	Requirement	Document Reference
L5	**Hours of Operation**	
L5.1	The Hours of Operation for any mobile log chipper used on the premises are limited to 7:00am to 6:00pm Mondays to Saturdays and 8:00am to 6:00pm Sundays and Public Holidays.	Section 4.2

3 Meteorological Monitoring

Porta Products operates a meteorological monitoring station located on-site, south east of the Spring Dam. This is a real-time weather station that monitors wind speed, wind direction, air temperature, rainfall, barometric pressure, relative humidity, dew point, evaporation, peak wind gust and solar radiation.

Wind directional data clearly signifying when one or two mobile chippers may be operated, or when they are not to be operated, is to be displayed as a live feed from the meteorological station in full view of the Log Yard Supervisor. The Supervisor will review data and advise operators when wind direction prevents operation and to shut down equipment.

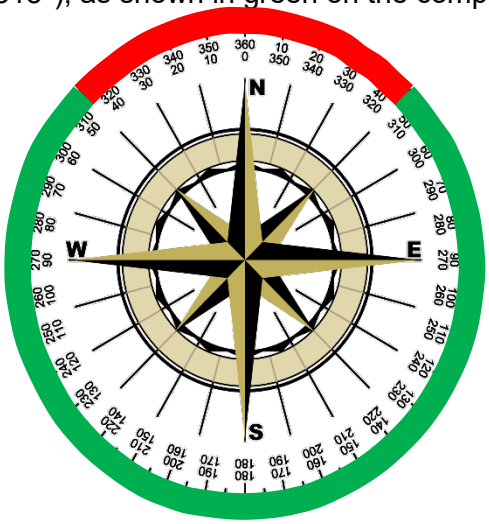
Note: If wind speed falls below 5 km/hr (1.4 m/s) the wind direction sensor (wind vane) becomes inaccurate.

4 Operating Conditions

4.1 Wind Direction

One Mobile Chipper

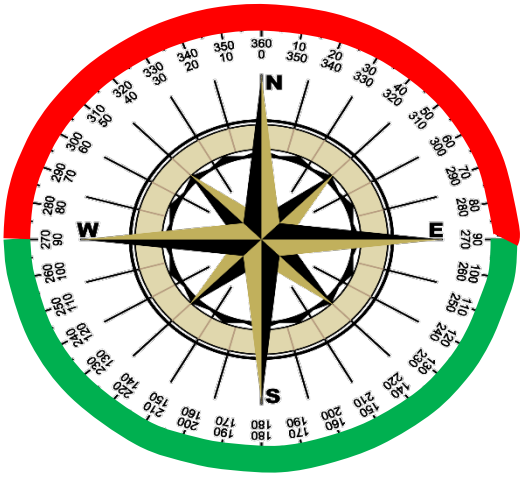
One mobile chipper **MAY** be operated when wind direction is from north-east through to north west (45°, through 180°, to 315°), as shown in green on the compass below.



One mobile chipper must **NOT** operate when wind direction is from the north-west through to the north-east (315°, through 0°, to 45°), as shown in red on the compass above.

Two Mobile Chippers

Two mobile chippers **MAY** be operated simultaneously when wind direction is from east through to west (90°, through 180°, to 270°), as shown in green on the compass below.



Two mobile chippers must **NOT** operate simultaneously when wind direction is from the west through to the east (270°, through 0°, to 90°), as shown in red on the compass above.

4.2 Timing

Mobile wood chippers are **ONLY** to be operated during the daytime period, defined as:

- 7:00am to 6:00pm Monday to Saturday
- 8:00am to 6:00pm Sundays and Public Holidays

4.3 Electric Chippers

The use of mobile wood chippers on site is restricted to periods of breakdown or maintenance of the permanent wood debarkers and electric chippers.

4.4 Rock/Concrete Breaking Permit to Work

Mobile wood chippers are not to operate simultaneously with rock/concrete breaking activities.

Construction activities involving rock/ concrete breaking require a completed Permit to Work to be submitted to both the Construction Project Manager and Log Yard Supervisor. Approval of both parties is required prior to commencement of rock/concrete breaking activities.

5 Responsibilities

Table 4 Roles & Responsibilities

Position	Responsibility
Area Manager	Ensure that the requirements of this Plan are met.
Log Yard Supervisor	Inform, instruct and train operators regarding the requirements of this Plan. Monitor and review meteorological station data and advise when mobile wood chipper operation to cease. Enforce and discipline staff for non-conformance of this plan, where necessary.
Mobile Chipper Operators	Operate mobile wood chippers in accordance with this Plan.
Environmental Manager	Review, and if necessary, revise this plan following a modification to either Development Consent SSD 7016 or EPL 3035, or submission of an incident report to either Department of Planning and Environment or Environment Protection Authority.

6 References

Global Acoustics (May 2016). *Borg Panels Timber Panel Processing Facility Oberon NSW – Noise and Vibration Impact Assessment*. Prepared for Borg Manufacturing.

Global Acoustics (January 2018) *Borg Panels Oberon, S96(1A) modification to Development Consent SSD 7016*

Global Acoustics (January 2019) *Borg Panels Oberon, S96(1A) modification to Development Consent SSD 7016*

Global Acoustics (March 2020) *Borg Panels Oberon, Modification 3 to Development Consent SSD 7016*

Global Acoustics (September 2021) *Borg Panels Oberon. Modification 4 to Development Consent SSD 7016*