



Licence - 2062

Number:	2062
Anniversary Date:	02-July

BORAL RESOURCES (NSW) PTY LTD
PO BOX 6041
NORTH RYDE NSW 2113

BORAL EMU PLAINS QUARRY
RAILWAY STREET
EMU PLAINS NSW 2750

Crushing, grinding or separating
Resource recovery
Waste storage

Crushing, grinding or separating	> 2000000 T annual processing capacity
Recovery of general waste	Any general waste recovered
Waste storage - other types of waste	Any other types of waste stored

NSW EPA
4 Parramatta Square
12 Darcy Street
PARRAMATTA NSW 2150
Phone: 131 555
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PARRAMATTA NSW 2124



Licence - 2062

	4
Dictionary -----	4
Responsibilities of licensee -----	4
Variation of licence conditions -----	4
Duration of licence -----	4
Licence review -----	4
Fees and annual return to be sent to the EPA -----	4
Transfer of licence -----	5
Public register and access to monitoring data -----	5
	6
A1 What the licence authorises and regulates -----	6
A2 Premises or plant to which this licence applies -----	6
A3 Information supplied to the EPA -----	7
	7
L1 Pollution of waters -----	7
L2 Waste -----	7
L3 Noise limits -----	9
L4 Hours of operation -----	9
L5 Potentially offensive odour -----	9
	10
O1 Activities must be carried out in a competent manner -----	10
O2 Maintenance of plant and equipment -----	10
O3 Dust -----	10
O4 Emergency response -----	11
O5 Processes and management -----	11
O6 Waste management -----	11
O7 Other operating conditions -----	11



Licence - 2062

	15
G1 Copy of licence kept at the premises or plant -----	15
U1 Water Management -----	15
U2 Air Quality -----	18
U3 Noise Management -----	18
E1 Financial Assurance -----	18
E2 Environmental Obligations of Licensee (Works and Programs) -----	19
	21
General Dictionary -----	24



Licence - 2062

A definition of terms used in the licence can be found in the dictionary at the end of this licence.

Separate to the requirements of this licence, general obligations of licensees are set out in the Protection of the En



Licence - 2062



Licence - 2062

Licence - 2062

the column titled "Activity" in the table below.

Any waste received at the premises is subject to those limits or conditions, if any, referred to in relation to that waste contained in the column titled "Other Limits" in the table below.

This condition does not limit any other conditions in this licence.

NA	Tunnel Spoil	As defined in "The Rozelle Interchange Tunnel Spoil Order 2019"	Resource recovery Waste storage	This activity is valid until 17 December 2023
NA	Building and demolition waste	As defined in Boral engineered glass sand resource recovery exemption 2020	Resource recovery Waste storage	This activity is valid until 28 May 2024
NA	Building and demolition waste	As defined in Boral engineered glass sand resource recovery order 2020	Resource recovery Waste storage	This activity is valid until 28 May 2024
NA	Tunnel Spoil	As defined in 'The Sydney Metro estuarine material exemption 2020'	Resource recovery Waste storage	
NA	Sandstone	As defined in 'The Sydney Metro harbour tunnel sandstone material exemption June 2019'	Waste storage	
NA	Tunnel Spoil	As defined in 'The M4-M5 Link tunnel spoil exemption 2019'	Resource recovery Waste storage	
NA	Tunnel Spoil	As defined in "The Sydney Metro tunnel spoil exemption November 2018"	Resource recovery Waste storage	
NA	Tunnel Spoil	As defined in 'The WestConnex Stage 2 tunnel spoil exemption 2017" or "The Northconnex tunnel spoil exemption 2018"	Waste storage	
NA	Virgin excavated natural material		Waste storage Resource recovery	

L2.2 The authorised amount of waste permitted on the premises cannot exceed 1,500,000 tonnes at any time.

L2.3 The Licensee must not receive at the Premises, more than 2,000,000 tonnes of waste per year.

L2.4 Stockpile surface areas must not exceed:

- 6,500m² for material stored at the northern tunnel spoil screening/crushing plant;
- 22,000m² for tunnel spoil storage area at the east of the site;



Licence - 2062

50,000m² for the existing product stockpiling areas; and
65,000m² for the existing processing plant area.

Note: Stockpile area names are as labelled in _____ of the
(EPA Reference: DOC18/7428).

L2.5 No asbestos waste is to be accepted or stored at the premises.

L2.6



Licence - 2062

L5.2 Any odour generating material is to be removed from the Premises within 24 hours of being received.

O1.1 Licensed activities must be carried out in a competent manner.
This includes:



Licence - 2062

- O7.2 All stormwater and stormwater treatment devices (including drainage systems, sumps and traps) must be regularly maintained.
- O7.3 The Licensee must not allow the tracking of mud by vehicles leaving the premises.
- O7.4 All wastewater and stormwater systems (including all pits, pipes, absorption, detention structures, treatment devices and rainwater tanks) must be regularly maintained and free of sediment.
- O7.5 All erosion and sediment controls must be installed and maintained on the premises. The controls must be inspected regularly and after each rain event and repaired if required.
- O7.6 Sediment and erosion control devices, including sediment fences, must be maintained at the Premises in a manner that prevents stormwater discharge points from being impacted by sediment discharge.
- O7.7 The Licensee must ensure that all surface water runoff is collected on site and drains to a storage pond/dam.
- O7.8 Sediment and stormwater storage must be designed, maintained and operated with adequate capacity to store surface water collected on site as per the specifications outlined in the NSW EPA Environmental Guidelines - Solid waste landfills,2016.

- M1.1 The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.
- M1.2 All records required to be kept by this licence must be:
 - a) in a legible form, or in a form that can readily be reduced to a legible form;
 - b) kept for at least 4 years after the monitoring or event to which they relate took place; and
 - c) produced in a legible form to any authorised officer of the EPA who asks to see them.
- M1.3 The following records must be kept in respect of any samples required to be collected for the purposes of this licence:
 - a) the date(s) on which the sample was taken;
 - b) the time(s) at which the sample was collected;
 - c) the point at which the sample was taken; and
 - d) the name of the person who collected the sample.

- M2.1 The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.



Licence - 2062

- M2.2 The record must include details of the following:
- a) the date and time of the complaint;
 - b) the method by which the complaint was made;
 - c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;
 - d) the nature of the complaint;
 - e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and
 - f) if no action was taken by the licensee, the reasons why no action was taken.
- M2.3 The record of a complaint must be kept for at least 4 years after the complaint was made.
- M2.4 The record must be produced to any authorised officer of the EPA who asks to see them.
- M3.1 The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.
- M3.2 The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.
- M3.3 The preceding two conditions do not apply until 3 months after: the date of the issue of this licence.
- R1.1 The licensee must complete and supply to the EPA an Annual Return in the approved form comprising:
1. a Statement of Compliance,
 2. a Monitoring and Complaints Summary,
 3. a Statement of Compliance - Licence Conditions,
 4. a Statement of Compliance - Load based Fee,
 5. a Statement of Compliance - Requirement to Prepare Pollution Incident Response Management Plan,
 6. a Statement of Compliance - Requirement to Publish Pollution Monitoring Data; and
 7. a Statement of Compliance - Environmental Management Systems and Practices.

At the end of each reporting period, the EPA will provide to the licensee notification that the Annual Return is due.

- R1.2 An Annual Return must be prepared in respect of each reporting period, except as provided below.



Licence - 2062

- R1.3 Where this licence is transferred from the licensee to a new licensee:
- a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and
 - b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period.
- R1.4 Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on:
- a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or
 - b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.
- R1.5 The Annual Return for the reporting period must be supplied to the EPA via eConnect or by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').
- R1.6 The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA.
- R1.7 Within the Annual Return, the Statements of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:
- a) the licence holder; or
 - b) by a person approved in writing by the EPA to sign on behalf of the licence holder.

Note: The term "reporting period" is defined in the dictionary at the end of this licence. Do not complete the Annual Return until after the end of the reporting period.

Note: An application to transfer a licence must be made in the approved form for this purpose.

R2.1 Notifications must be made by telephoning the Environment Line service on 131 555.

R2.2 The licensee must provide written details of the notification to the EPA within 7 days of the date on which they became aware of the incident.

Note: The licensee or its employees must notify all relevant authorities of incidents causing or threatening material harm to the environment immediately after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act.



Licence - 2062

and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.

- R3.2 The licensee must make all reasonable inquiries in relation to the event and supply the report to the EPA within such time as may be specified in the request.
- R3.3 The request may require a report which includes any or all of the following information:
- a) the cause, time and duration of the event;
 - b) the type, volume and concentration of every pollutant discharged as a result of the event;
 - c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event;
 - d) the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort;
 - e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants;
 - f) details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and
 - g) any other relevant matters.
- R3.4 The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.

G1.1 A copy of this licence must be kept at the premises to which the licence applies.

G1.2 The licence must be produced to any authorised officer of the EPA who asks to see it.

G1.3 The licence must be available for inspection by any employee or agent of the licensee working at the premises.

U1.1 The Licensee must engage a suitably qualified professional to characterise the quality of water collected on and discharged from the Premises.

U1.2 A water sampling plan for the characterisation must be submitted to the EPA by no later than

Licence - 2062

U1.3 The water sampling plan must propose:

- a) Sampling location(s) including all water storages and discharge points;
- b) The pollutants to be sampled, including all those potentially present at levels that pose a risk of non-trivial harm to human health or the environment ('pollutants of concern')(this must be informed by a risk assessment of the types of materials stored and processed on the Premises);
- c) The number of sampling events / sampling frequency (a sufficient number of events must be sampled to capture the full range of operational conditions and water quality, including average or typical through to worst case scenarios).

Note: Sampling and analysis must be consistent with the

U1.4 The water sampling plan must be agreed to in writing by the EPA prior to commencement of sampling.

U1.5 The water characterisation must:

- a) Compare results to the relevant ANZECC (2000) Guidelines for Fresh and Marine Water Quality trigger values; and
- b) Specify the analytical limits of reporting used for any data that is being assessed:
 - i. Compare that limit of reporting to the relevant ANZECC (2000) assessment criteria; and
 - i. Comparison criteria;



Licence - 2062

U1.13 The water management plan must be submitted to the EPA

Note: Reference to specific locations such as dams, discharge points or catchment areas are as referred to in Figure 1 of the Boral Emu Plains: : Revision B (EPA ref DOC18/299481).

U2.1 By _____, the Licensee must develop, implement and submit to the EPA an air quality management plan of project operations. The air quality management plan must account for all significant sources of air emissions from the Premises, and include site specific best management practice. The air quality management plan must incorporate both proactive and reactive measures, which are auditable to

Licence - 2062

writing that the financial institution providing the guarantees is subject to supervision by APRA.

- E1.3 The financial assurance must be maintained during the operation of the facility and thereafter until such time as the EPA is satisfied the premises is environmentally secure.
- E1.4 The EPA may require an increase in the amount of the financial assurance at any time as a result of reassessment of the total likely costs and expenses of rehabilitation of the premises.
- E1.5 The EPA may claim on a financial assurance under s303 of the POEO Act if a licensee fails to carry out any work or program required to comply with the conditions of this licence.
- E1.6 The financial assurance must be replenished by the full amount claimed or realised if the EPA has claimed on or realised the financial assurance or any part of it to undertake a work or program required to be carried out by the licence which has not been undertaken by the licence holder.
- E1.7 An adjustment to the financial assurance must be calculated, each licence review period in line with the consumer price index for the number of years since the financial assurance was last paid. The financial assurance must be replenished to the full amount plus CPI adjustments each licence review period.
- E1.8 An adjustment to the financial assurance must be calculated, each licence review period in line with the consumer price index for the number of years since the financial assurance was last paid. The financial assurance must be replenished to the full amount plus CPI adjustments each licence review period.
- E2.1 While the licensee's premises are being used for the purpose to which the licence relates, the licensee must:
- Clean up any spill, leak or other discharge if any waste(s) or other material(s) as soon as practicable after it becomes known to the licensee or to one of the licensee's employees or agents.
 - In the event(s) that any liquid or non-liquid waste(s) is unlawfully deposited on the premises, such waste(s) must be removed and lawfully disposed of as soon as practicable or in accordance with any direction given by the EPA.
 - Provide all monitoring data as required by the conditions of this licence or as directed by the EPA.
- E2.2 In the event of an earthquake, storm, fire, flood or any other event where it is reasonable to suspect that a pollution incident has occurred, is occurring or is likely to occur, the licensee must:
- Make all efforts to contain all fire water on the premises;
 - Make all efforts to control air pollution from the premises;
 - Make all efforts to contain any discharge, spill or run-off from the premises;
 - Make all efforts to prevent flood water entering the premises;
 - Remediate and rehabilitate any exposed areas of soil and/or waste;
 - Lawfully dispose of all liquid and solid waste(s) stored on the premises that is not already securely disposed of;
 - At the request of the EPA, monitor groundwater beneath the premises and its potential to migrate from the premises;
 - At the request of the EPA, monitor surface water leaving the premises; and
 - Ensure the premises is secure.



Licence - 2062

- E2.3 After the licensee's premises cease to be used for the purposes to which the licence relates or in the event that the licensee ceases to carry out the activity that is the subject of this licence, that licensee must:
- a) Remove and lawfully dispose of all liquid and non-liquid waste stored on the licensee's premises; and
 - b) Rehabilitate the premises, including conducting an assessment of the site and if



Licence - 2062

Means the three day geometric mean, which is calculated by multiplying the results of the analysis of three samples collected on consecutive days and then taking the cubed root of that amount. Where one or more of the samples is zero or below the detection limit for the analysis, then 1 or the detection limit respectively should be used in place of those samples

Means the Protection of the Environment Operations Act 1997

Means a scheduled or non-sc



Licence - 2062

Means a sample whose composites are sized in proportion to the flow at each composites time of collection.

Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997

Means a single sample taken at a point at a single time

Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997

Means the licence holder described at the front of this licence

Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009

Has the same meaning as in the Protection of the Environment Operations Act 1997

Has the same meaning as in section 147 Protection of the Environment Operations Act 1997

Means methylene blue active substances



Licence - 2062

1	Licence varied by change to Contact details, issued on 02-Apr-2001, which came into effect on 02-Apr-2001.
2	Licence varied by notice 1008736, issued on 31-Jan-2002, which came into effect on 25-Feb-2002.
3	Licence varied by notice 1035438, issued on 07-Apr-2004, which came into effect on 20-Apr-2004.
4	Licence varied by notice 1037716, issued on 04-Jun-2004, which came into effect on 16-Jun-2004.
5	Licence varied by notice 1079377, issued on 25-Oct-2007, which came into effect on 25-Oct-2007.
6	Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>
7	Licence varied by notice 1525717 issued on 27-Nov-2014
8	Licence varied by notice 1561438 issued on 08-Aug-2018
9	Licence varied by notice 1571109 issued on 11-Dec-2018
10	Licence varied by notice 1582587 issued on 20-Sep-2019
11	Licence varied by notice 1591024 issued on 13-Feb-2020
12	Licence varied by notice 1592867 issued on 03-Jun-2020
13	Licence varied by notice 1606533 issued on 23-Mar-2021
14	Licence varied by notice 1620075 issued on 24-Aug-2022