

LICENCE

LYB OPERATIONS & MAINTENANCE PTY LTD

Holder of

Licence: 3987

Issued: 17/12/1991

Last Amended: 05/03/2021

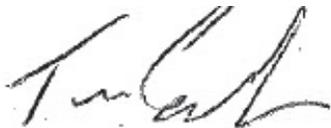
ACN: 055 563 696

Registered Address: GROSVENOR PLACE LEVEL 13 225 GEORGE STREET SYDNEY
2000 NSW

Premises Address: LOY YANG B POWER STATION BARTONS LANE
TRARALGON SOUTH VIC 3844

Scheduled Categories: K01 Power Stations

Description: The licence holder is an accredited licensee. The premises generates electricity in a brown coal fired power station with natural gas auxiliary firing. Generating capacity is 2x500 MW installed capacity. Coal is supplied from the Loy Yang mine. The premises discharges wastewater to the Loy Yang Settling Pond and ashing wastes to the Loy Yang Ash Pond, with the approval of Loy Yang A Power Station operating under EPA licence 11149. This licence allows for discharges to air.



TIM EATON
Executive Director

Delegate of the Environment Protection Authority

Issued under the *Environment Protection Act 1970*, Section 20

PREAMBLE

Licences

Who we are: The Environment Protection Authority (“EPA”) is an independent statutory authority established under the *Environment Protection Act 1970* (“the Act”). Our purpose is to protect and improve our environment by preventing harm to the environment and human health.

Why we issue licences: EPA is responsible for preventing or controlling pollution (including noise) and improving the quality of the environment. This responsibility includes regulating activities that may present a danger to the environment. One of the tools available to EPA is the licensing of certain scheduled premises that may present a risk to the environment.

Section 20 of the Act requires the occupier of a “scheduled premises” to obtain an EPA licence to discharge, handle, treat or dispose of waste to the environment. These premises are defined in the *Environment Protection (Scheduled Premises and Exemptions) Regulations 2017* (“the Regulations”).

When we issue licences: EPA will issue a licence when satisfied that an applicant has put in place measures to protect the environment. Licences allow activities to occur and set performance outcomes based on a site’s environmental risk. EPA can amend, suspend or revoke a licence in response to changes in standards, site activities or licence holder performance. Licence holders must submit an annual performance statement and pay an annual fee to EPA. All licences and performance statements are publicly available.

Licence information and obligations

Interpretation: For the purposes of this licence “You” means the licence holder identified on the first page of this licence at the “premises” identified on the first page and represented in Schedule 1. Unless the contrary intention appears, words or terms used in the conditions of your licence have the same meaning as in the Act, including any regulations or policies made pursuant to the Act.”

Compliance:

You must comply at all times with the Act and all policies and regulations administered by EPA. Strict penalties apply for non-compliance with any part of your licence or making a false claim on your annual performance statement.

Your licence is subject to conditions. These conditions give rise to a number of duties and obligations on you as the licence holder. Some of these are general in nature, while others require you to do (or not to do) specific things. The duties and obligations imposed by these conditions do not derogate from each other in any way, nor do they affect any other duties or obligations which you are required by law to comply with. You must fulfil all of the duties and perform all of the obligations set out in this licence or otherwise required by law. Certain conditions on your licence may require you to seek a further approval from EPA. Such approvals can be sought via written application to approvals.applications@epa.vic.gov.au. Approvals are only given in writing from the lead assessing officer.

Landfill levy: Landfills must, in accordance with the method and frequency specified in section 50SB of the Act, calculate the amount of landfill levy payable, prepare a landfill levy statement, and submit to EPA both the statement and fee payable.

Review of decisions: If you object to any of the licence conditions, you may have the decision reviewed by applying in writing to the Registrar, Planning and Environment Division, Victorian Civil and Administrative Tribunal ("VCAT"), 7th Floor, 55 King Street, Melbourne within 21 days of the date of issue. An application fee may be applicable when lodging an appeal with VCAT. Contact VCAT on (03) 9628 9777 for further details on fees associated with an appeal. A copy of the appeal should also be forwarded to the Manager, Development Assessments Unit, Environment Protection Authority, GPO Box 4395, Melbourne, 3001, within 7 days of lodgement of the appeal.

Interested (third) parties may also appeal against the licence within 21 days of the date of issue. The Tribunal will notify you if such appeals are received. If an appeal is lodged, this licence will not come into effect.

Licence structure

Structure: Your licence has multiple parts:

- Environmental performance conditions - setting out the performance outcomes you must meet;
- Schedule 1A - locality plan of your premises, delineating the premises boundary;
- Schedule 1B - plan of premises (provided by you).

Some types of licences also contain Schedule 1C - final landfill contour plans and/or Schedule 2 - tables specifying wastes that may be accepted at the premises and the associated treatment applied to them.

CONDITIONS

General Conditions

- LI_G1 You must ensure that waste is not discharged, emitted or deposited beyond the boundaries of the premises except in accordance with this licence or under the Act.
- LI_G2 You must immediately notify EPA of non-compliance with any condition of this licence by calling 1300 EPA VIC (1300 372 842), sending an email to contact@epa.vic.gov.au, or using the EPA Interaction Portal.
- LI_G3 By 30 September each year you must submit an annual performance statement to EPA for the previous financial year in accordance with the Annual Performance Statement Guidelines (EPA Publication 1320.3, released June 2011).
- LI_G4 Documents and monitoring records used for preparation of the annual performance statement must be retained at the premises for five years from the date of each statement, and be able to be immediately produced upon request by an officer of the Authority.
- LI_G5 You must establish and implement a risk based monitoring program that enables you and EPA to determine compliance with each condition of this licence. The monitoring program must comply with the requirements of the monitoring guidelines (EPA document 1321.2, released June 2011).
- LI_G5.2 You must implement a program to assess the effect of your discharges to air on the ability of the Latrobe Valley Air Quality Control Region to comply with Schedule 2 of the State Environment Protection Policy (Ambient Air Quality).
- LI_G9
1. You must develop a risk management and monitoring program for your activities which:
 - a) identifies all the risks of harm to human health and the environment which may arise from the activities you are engaging in at your premises;
 - b) clearly defines your environmental performance objectives;
 - c) clearly defines your risk control performance objectives;
 - d) describes how the environmental and risk control performance objectives are being achieved;
 - e) identifies and describes how you will continue to eliminate or minimise the risks in 1a so far as reasonably practicable (SFARP); and
 - f) describes how the information collated in compliance with this clause, is or will be disseminated, used or otherwise considered by you or any other party.
 2. The risk management and monitoring program must be:
 - a) documented in writing;
 - b) signed by a duly authorised officer of the licensed entity; and
 - c) made available to the Authority on request.

Amenity Conditions

- LI_A1 You must ensure that odours offensive to the senses of human beings are not discharged, emitted or released beyond the boundaries of the premises.
- LI_A2 You must ensure that there are no emissions of noise and/or vibrations from the premises which are detrimental to either of the following:
 - a) the environment in the area around the premises; and
 - b) the wellbeing of persons and/or their property in the area around the premises.

LI_A3 You must ensure that nuisance dust and/or nuisance airborne particles are not discharged or emitted beyond the boundaries of the premises, except as permitted by this licence.

Waste Acceptance Conditions

Licence does not have any waste acceptance conditions.

Waste Management Conditions

Licence does not have any waste management conditions.

Landfill Conditions

Licence does not have any landfill conditions.

Air Conditions

LI_DA1 Discharge of waste to air must be in accordance with the 'Discharge to Air' Table.

Discharge to Air Table - Maximum Discharge Rates

Discharge Point No	Description of Discharge Points	Indicator	Limit Type	Unit	Discharge Limit
DPS 1 TO 4	All Air Discharge Points	Carbon monoxide	90th Percentile	g/min	3,000
		Carbon monoxide	Maximum	g/min	56,000
		Chlorine compounds (as Chlorine)	Maximum	g/min	14,400
		Fluorine compounds (as HF)	Maximum	g/min	396
		Mercury and mercury compounds (as Hg)	Maximum	g/min	10
		Oxides of nitrogen (as NO2)	90th Percentile	g/min	42,000
		Oxides of nitrogen (as NO2)	Maximum	g/min	50,400
		Particles	90th Percentile	g/min	4,000
		Particles	Maximum	g/min	11,000
		Particles (as PM10)	Maximum	g/min	8,300
		Particles (as PM2.5)	Maximum	g/min	4,800
		Sulfur dioxide	90th Percentile	g/min	91,000
		Sulfur dioxide	Maximum	g/min	200,000
		Sulfur trioxide	Maximum	g/min	13,000

g/min = grams/minute

LI_DA1.10.3 The discharge limits for particles in the 'Discharge to Air' Table do not apply during plant start-up and shut-down or the accidental failure of major operating equipment (maintained in accordance with the manufacturer's specifications) for an aggregate period of 88 hours for any 12-month period.

- LI_DA1.10.4 The concentration of particles discharged from discharge point(s) 1 and 2 can only exceed 0.15 grams per normal cubic metre (based on 30-minute averages at 12% CO₂) during plant start-up and shut-down or the accidental failure of major operating equipment (maintained in accordance with the manufacturer's specifications) for an aggregate period of 88 hours for any 12-month period.
- LI_DA2 Visible emissions to air other than steam must not be discharged from the premises, except as permitted by this licence.
- LI_DA4 You must conduct continuous monitoring of the following discharge to air indicators: particles (total), carbon monoxide, sulfur dioxide and oxides of nitrogen at discharge point(s) 1 and 2.
- LI_DA4.2 You must maintain a publicly accessible website, to which you must publish:
- a) Within 12 hours of the end of each day, whether the Discharge Limits, as specified in the 'Discharge to Air' Table in condition LI_DA1.10.2, were exceeded at any time within the preceding day for the following indicators: particles (total), carbon monoxide, sulfur dioxide and oxides of nitrogen;
 - b) Within 14 calendar days of the end of each month, a summary of validated monitoring data for the preceding month from the monitoring program in condition LI_DA4 and a summary of the information in (a) for the preceding month. The summary of validated monitoring data must include: EPA licence number; discharge point, map showing discharge point location and discharge point description / type; indicator; limit type; unit; discharge limit; monitoring frequency; relevant dates; upfront explanation of apparent missing data; timeframe and details of any exceedances of discharge limits and associated explanations; monitoring system availability; outages and explanations; details of any corrections made after the publishing of the previous monthly summary.
 - c) A copy of your current EPA licence; the licensee's name and address of premises; a link to the EPA Portal search page for licences and APS reports; GPS location details of all monitoring points/areas and a map showing this.
 - d) Information and monitoring data must be published in a legible form which allows for direct download in common open file formats.
 - e) Information and monitoring data must be retained at the premises for five years from the date of publishing.
- LI_DA4.3 You must establish and implement a program for a 12-month period to monitor the discharge to air, at discharge point(s) 1 to 4, of fine particles PM_{2.5} and coarse particles PM₁₀ to establish the 90th percentile annual frequency distribution. The results of this program must be made available to EPA on request and must be published to the publicly accessible website required by condition LI_DA4.2 by 31 March 2022.
- LI_DA4.4 You must establish and implement a program for a 12-month period to monitor the discharge to air, at discharge point(s) 1 to 4, of all class 3 indicators listed in Schedule A of State Environment Protection Policy (Air Quality Management), as agreed in writing with EPA. The results of this program must be made available to EPA on request and must be published to the publicly accessible website required by condition LI_DA4.2 by 31 March 2022.

Water Conditions

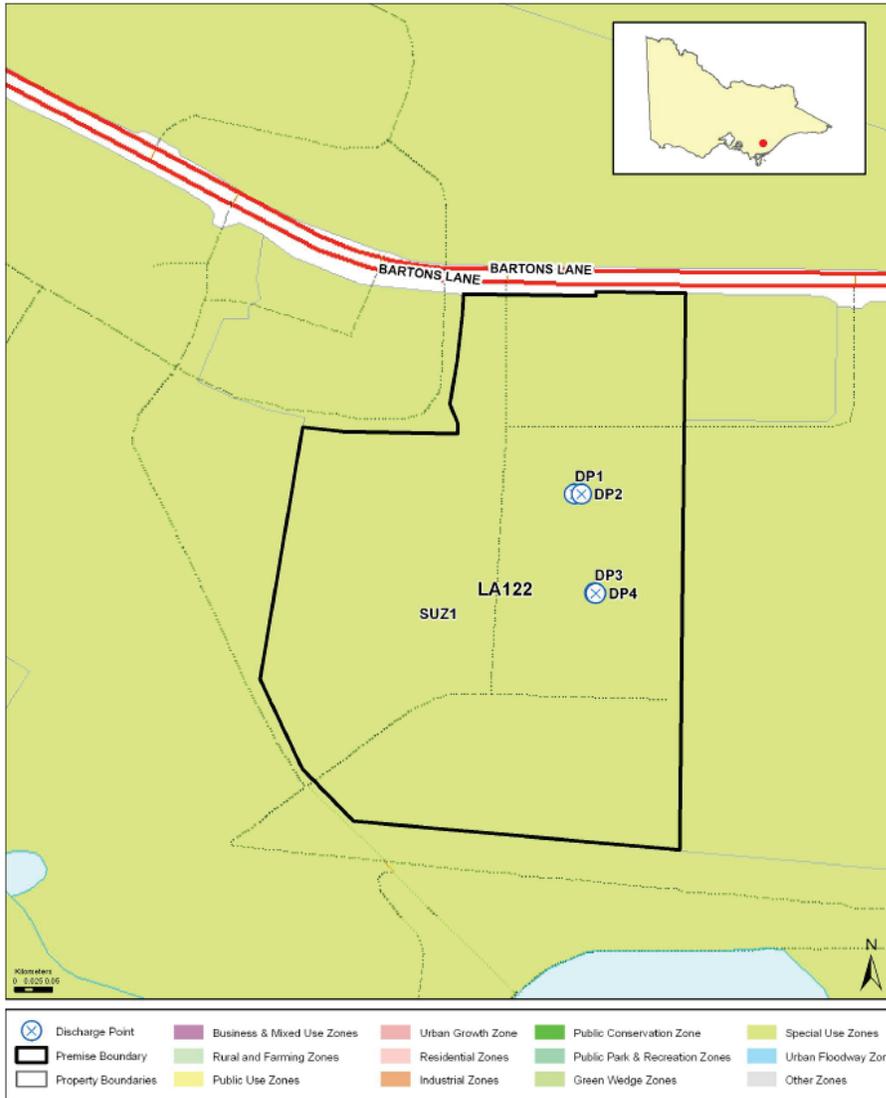
- LI_DW1 You must ensure that surface water discharged from the premises is not contaminated with waste.

Land Conditions

- LI_DL1 You must not contaminate land or groundwater.



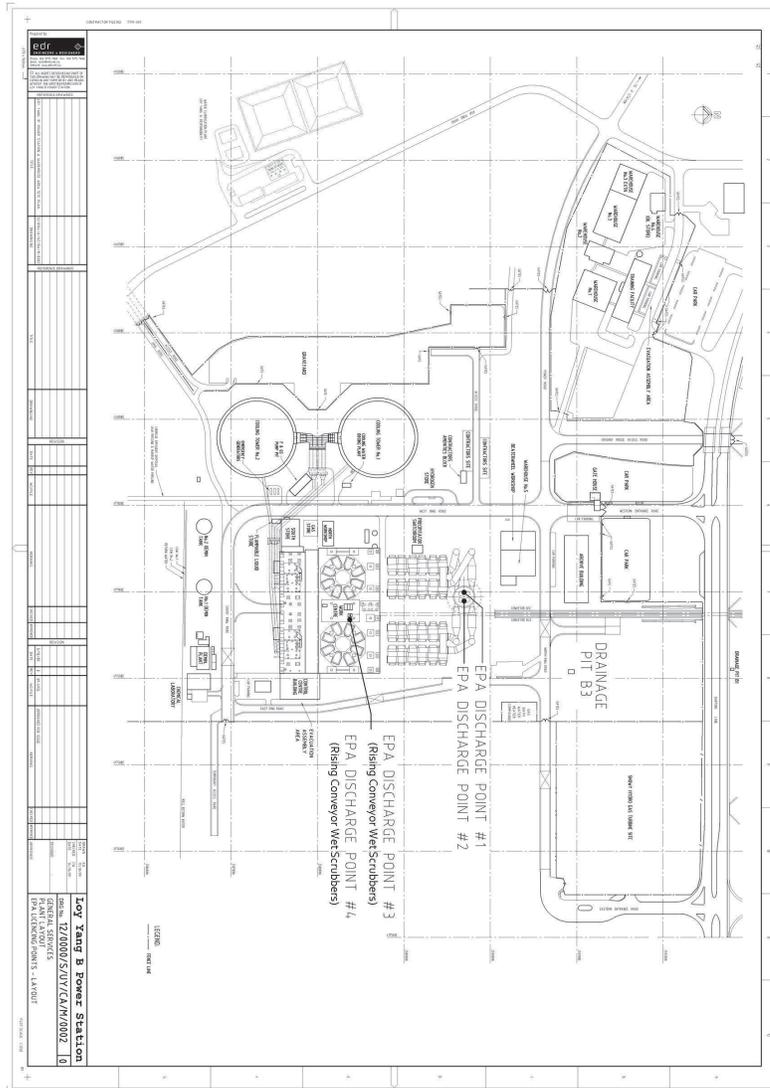
SCHEDULE 1A - LOCALITY PLAN



Licence:	3987
Company Name:	LYB OPERATIONS & MAINTENANCE PTY LTD
ACN:	055 563 696
Premises Address:	LOY YANG B POWER STATION, BARTONS LANE, TRARALGON SOUTH VIC
Issued:	17/12/1991
Last Amended:	05/03/2021

Before relying on the information in this map, users should carefully evaluate its accuracy, currency, completeness and relevance for their purposes, and should obtain any appropriate professional advice relevant to their particular circumstances.

SCHEDULE 1B - PREMISES PLAN



Licence:	3987
Company Name:	LYB OPERATIONS & MAINTENANCE PTY LTD
ACN:	055 563 696
Premises Address:	LOY YANG B POWER STATION, BARTONS LANE, TRARALGON SOUTH VIC
Issued:	17/12/1991
Last Amended:	05/03/2021
<p>Before relying on the information in this map, users should carefully evaluate its accuracy, currency, completeness and relevance for their purposes, and should obtain any appropriate professional advice relevant to their particular circumstances.</p>	