Permit

Environmental Protection Act 1994

Environmental authority EPPR03026015

This environmental authority is issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994.

Environmental authority number: EPPR03026015

Environmental authority takes effect on 7 August 2026 **.**

The anniversary date of this environmental authority is 18 March each year.

Environmental authority holder(s)

Name(s)	Registered address
DIAMANTINA POWER STATION PTY LIMITED	Lot 10 Diamantina Development Road MOUNT ISA QLD 4825AUSTRALIA

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
ERA 14 - Electricity generation - 1 - Generating electricity by using gas at a rated capacity of 10MW electrical or more	10/SP293841
ERA 14 - Electricity generation - 2(a) - Generating electricity by using a fuel, other than gas, at a rated capacity of 10MW electrical to 150MW electrical	10/ SP293841

Additional information for applicants

Environmentally relevant activities

The description of any environmentally relevant activity (ERA) for which an environmental authority (EA) is issued is a restatement of the ERA as defined by legislation at the time the EA is issued. Where there is any inconsistency between that description of an ERA and the conditions stated by an EA as to the scale, intensity or manner of carrying out an ERA, the conditions prevail to the extent of the inconsistency.

An EA authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the EA specifically authorises environmental harm.

A person carrying out an ERA must also be a registered suitable operator under the *Environmental Protection Act 1994* (EP Act).

Mobile and temporary activities

If you operate a mobile and temporary environmentally relevant activity (ERA), other than regulated waste transport, you are required to maintain a work diary. You must:

- use the approved form for a work diary (ESR/2015/1696);
- keep the work diary records for 2 years after the last entry;
- inform the administering authority within 7 days of the work diary being lost or stolen;
- record the information required in the work diary for each location within 1 day of leaving the location.

Contaminated land

It is a requirement of the EP Act that an owner or occupier of contaminated land give written notice to the administering authority if they become aware of the following:

- the happening of an event involving a hazardous contaminant on the contaminated land (notice must be given within 24 hours); or
- a change in the condition of the contaminated land (notice must be given within 24 hours); or
- a notifiable activity (as defined in Schedule 3) having been carried out, or is being carried out, on the contaminated land (notice must be given within 20 business days)

that is causing, or is reasonably likely to cause, serious or material environmental harm.

For further information, including the form for giving written notice, refer to the Queensland Government website www.qld.gov.au, using the search term 'duty to notify'.

Take effect

Please note that, in accordance with section 200 of the EP Act, an EA has effect:

a) if the authority is for a prescribed ERA and it states that it takes effect on the day nominated by the holder of the authority in a written notice given to the administering authority - on the nominated day; or

b) if the authority states a day or an event for it to take effect-on the stated day or when the stated event happens; or

c) otherwise - on the day the authority is issued.

However, if the EA is authorising an activity that requires an additional authorisation (a relevant tenure for a resource activity, a development permit under the *Planning Act 2016* or an SDA Approval under the *State Development and Public Works Organisation Act 1971*), this EA will not take effect until the additional authorisation has taken effect.

If this EA takes effect when the additional authorisation takes effect, you must provide the administering authority written notice within 5 business days of receiving notification of the related additional authorisation taking effect.

The anniversary day of this environmental authority is the same day each year as the effective date. The payment of the annual fee will be due each year on this day.

If you have incorrectly claimed that an additional authorisation is not required, carrying out the ERA without the additional authorisation is not legal and could result in your prosecution for providing false or misleading information or operating without a valid environmental authority.



Signature

7 August 2026

Date

Helena Braye
Department of the Environment, Tourism, Science and Innovation
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Energy and Extractive Resources
GPO Box 2454, BRISBANE QLD 4001
Phone: (07) 3330 5715
Email: EnergyandExtractive@detsi.qld.gov.au

Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this environmental authority, the holder must also meet their obligations under the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443)

Other permits required

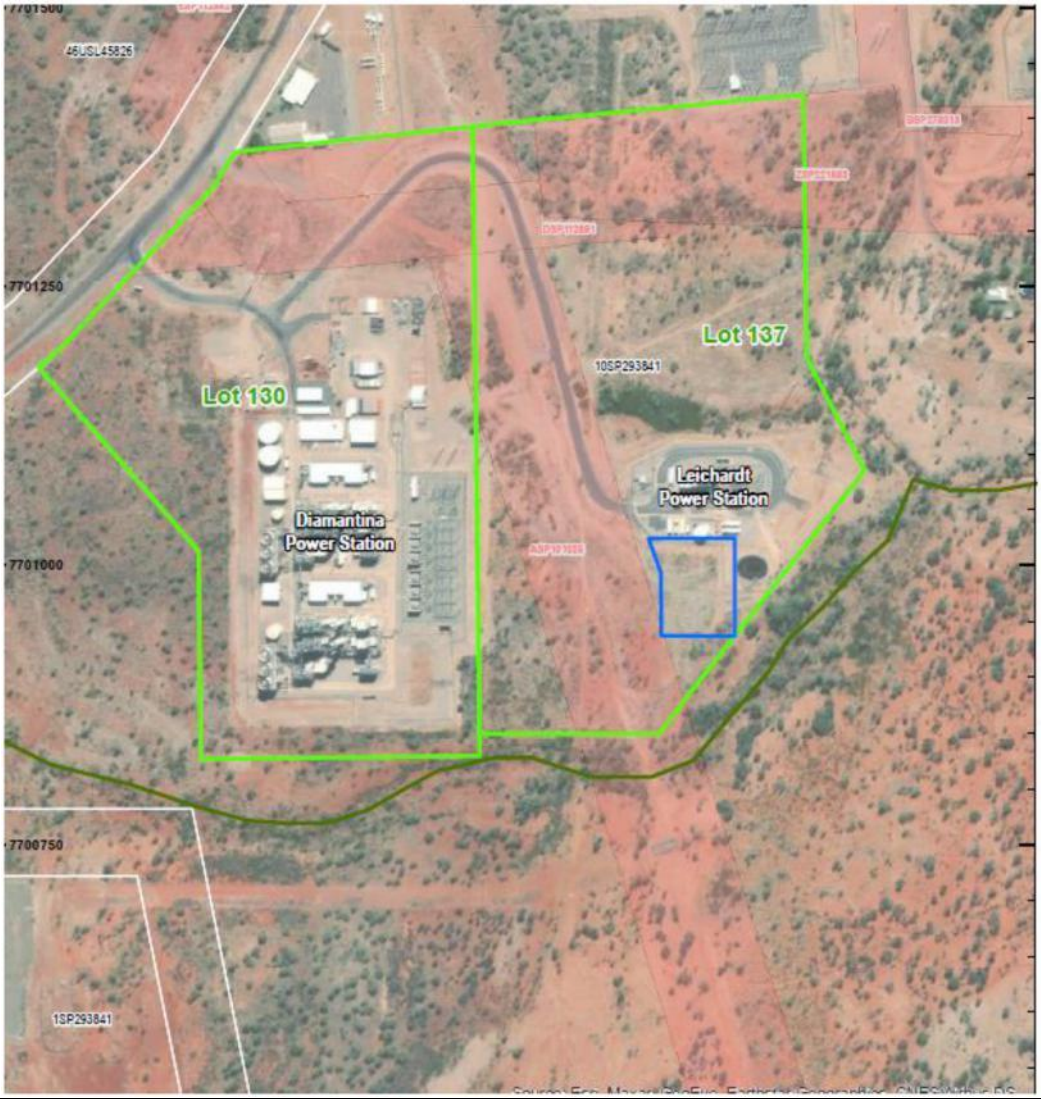
This permit only provides an approval under the *Environmental Protection Act 1994*. In order to lawfully operate you may also require permits / approvals from your local government authority, other business units within the department and other State Government agencies prior to commencing any activity at the site. For example, this may include permits / approvals with your local Council (for planning approval), the Department of Transport and Main Roads (to access State controlled roads), the Department of Natural Resources and Mines, Manufacturing and Regional and Rural Development (to clear vegetation), and the Department of Primary Industries (to clear marine plants or to obtain a quarry material allocation).

Development Approval

This permit is not a development approval under the *Planning Act 2016*. The conditions of this environmental authority are separate, and in addition to, any conditions that may be on the development approval. If a copy of this environmental authority is attached to a development approval, it is for information only, and may not be current. Please contact the Department of the Environment, Tourism, Science and Innovation to ensure that you have the most current version of the environmental authority relating to this site.

Conditions of environmental authority

Agency interest: General	
Condition number	**Condition**
G1	This environmental authority authorises the following **Activities**: a) Diamantina Power Station – combined cycle gas fired power generation plant consisting of four Siemens gas turbines, four heat recovery steam systems and two Siemens steam turbines, with a generation capacity of 240 megawatts electrical. b) Leichhardt Power Station – open cycle gas/diesel Rolls Royce Trent 60 gas turbine power generation plant with a generation capacity of up to 62 megawatts electrical. c) Thomson Power Station – 8 x GE Jenbacher gas reciprocating generators with a total generation capacity of 24 megawatts electrical.
G1a	This environmental authority authorises the operation of the activities identified in condition G1 at the location identified as sublease 130 and 137 on surface area 4 on ML8058 within the area identified as Lot 10 on SP293841 as shown in figure 1 – Approved place.

	 Figure 1 – Approved place
G2	All reasonable and practicable **measures** must be taken to prevent or minimise environmental harm caused by the **activities**.
G3	Any breach of a condition of this environmental authority must be reported to the **administering authority** as soon as practicable within 24 hours of becoming aware of the breach. **Records** must be kept including full details of the breach and any subsequent actions taken.
G4	Other than as permitted by this environmental authority, the **release of a contaminant into the environment** must not occur.
G5	All records must be kept for a period of at least five years and provided to the administering authority upon request.

G6	An **appropriately qualified person(s)** must monitor, record and interpret all parameters that are required to be monitored by this environmental authority and in the manner specified by this environmental authority.
G7	All analyses required under this environmental authority must be carried out by a laboratory that has National Association of Testing Authorities (**NATA**) certification, or an equivalent certification, for such analyses.
G8	When required by the administering authority, monitoring must be undertaken in the manner prescribed by the administering authority to investigate a complaint of environmental nuisance arising from the activity. The monitoring results must be provided within 10 business days to the administering authority upon its request.
G9	The **activity** must be undertaken in accordance with written procedures that: a) identify potential risks to the environment from the **activity** during routine operations and emergencies; and b) establish and maintain control **measures** that minimise the potential for environmental harm; and c) ensure plant, equipment and **measures** are maintained in a proper and effective condition; and d) ensure plant, equipment and **measures** are operated in a proper and effective manner; and e) ensure that staff are trained and aware of their obligations under the *Environmental Protection Act 1994*; and f) ensure that reviews of environmental performance are undertaken at least annually.
G10	Chemicals and fuels in containers of greater than 15 litres must be stored within a **secondary containment system.**
G11	All reports of environmental harm or environmental nuisance from members of the public relating to releases of contaminants from any activities at the approved place must be recorded and include the following details: a) time, date and nature of the issue; b) type of communication (telephone call, email etc.) c) name, contact address and means of contacting the person reporting the issue (Note: if the person reporting the issue does not wish to be identified, then 'not identified' is to be recorded); d) response and investigation undertaken as a result of a report of environmental harm or environmental nuisance; e) name of the person responsible for undertaking the investigation of part (d) of this condition; and f) any action taken as a result of the investigation.
G12	A record must be maintained of events including, but not limited to:

	a) the time, date and duration of any malfunctions of plant or equipment which cause or is likely to cause environmental harm; b) any fire at the place to which this environmental authority relates; and c) any release of any contaminants to the environment not in accordance with the conditions of this environmental authority.
G13	An annual monitoring report must be prepared each year and presented to the administering authority on request. This report must include at least the following information: a) a summary of the previous 12 months monitoring results required under this approval; b) an evaluation of the data from any monitoring programs; c) a summary of any record of quantities of released required to be kept by this environmental authority; d) a summary of the record of any equipment failures or events recorded which have resulted in a non-compliance with the conditions of this environmental authority; and e) a summary of the actions taken, or proposed to be taken, to minimise any environmental risk of any deficiency identified by any monitoring program.
Agency interest: Waste	
Condition number	**Condition**
W1	All waste generated in carrying out the activity must be lawfully reused, recycled or removed to a facility that can lawfully accept the waste.
W2	Incompatible wastes must not be mixed in the same container or waste storage area.
W3	Waste being treated must be lawfully treated to render it less hazardous and be fit for its intended use or disposal.
Agency interest: Acoustic	
Condition number	**Condition**
N1	Other than as permitted within this environmental authority, noise or vibration generated by the activity must not cause environmental nuisance to any sensitive place.

N2

Noise from the activity must not include substantial low frequency noise components and must not exceed the levels identified at the monitoring locations identified in Figure 2 and Table – Compliance Locations.

Table – Compliance Locations

Compliance location	Limit dB (LAeq adj, 1 hr)	GDA94, Zone 54 Decimal degrees*	
		Latitude	Longitude
A	63	-20.784080	139.484388
B	63	-20.782606	139.483193
C	70	-20.784077	139.481987
D	67	-20.785641	139.483191
E	61	-20.782871	139.487460
F	68	-20.784741	139.486572

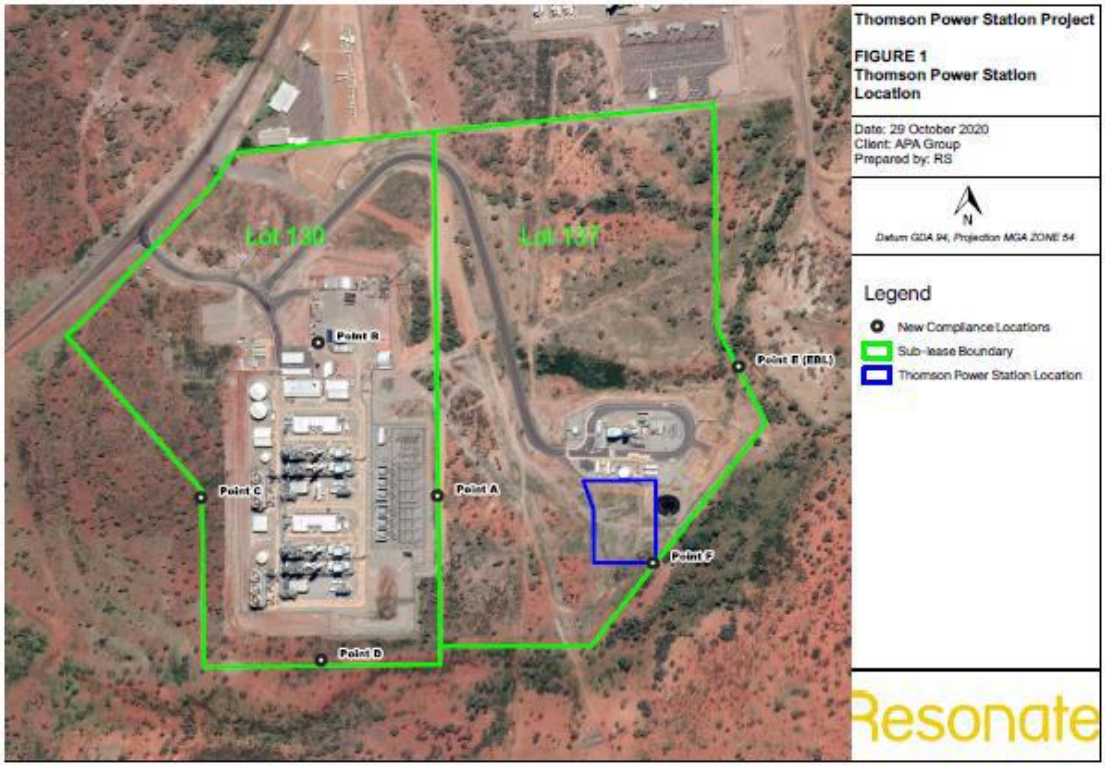


Figure 2 – Compliance Locations

N3

Monitoring to ensure compliance with conditions (N1) and (N2) must be undertaken in accordance with the following:

a) All monitoring devices must be calibrated and maintained according to the manufacturer's instruction manual;
b) Any monitoring must be in accordance with the most recent version of the **administering authority's** Noise Measurement Manual; and
c) Any monitoring of noise emissions from the **activity** must be undertaken when the **activity** is in operation.

N4	When required by the **administering authority**, noise monitoring must be undertaken in accordance with the associated monitoring requirements of *Table - Noise Limits*, and the results notified within 14 days to the **administering authority**. Monitoring must include: a) LAeq, adj, T; b) Background noise (Background) as LA 90, adj, T; c) MaxLpA,T; d) the level and frequency of occurrence of any impulsive or tonal noise; e) atmospheric conditions including wind speed and direction; f) effects due to extraneous factors such as traffic noise; and g) recording of location, date and time of measurements.
N5	Generation of **substantial low frequency noise** is not permitted.
Agency interest: Air	
Condition number	**Condition**
A1	Other than as permitted within this environmental authority, odours or airborne contaminants must not cause environmental nuisance to any sensitive place or commercial place.

A2

Contaminants must only be released to air from the point sources in accordance with Table – Point source air release limits and the Associated requirements.

Table – Point source air release limits

Authorised release point GDA94, Zone 54 Decimal degrees			Contaminant	Minimum release height (m)	Minimum velocity (m/sec)	Maximum release limit
Ref	Latitude	Longitude				
Diamantina Power Station Gas Turbine						
A1	-20.78378	139.48324	Oxides of Nitrogen (as NO_2 equivalent)	30	15 (100% Load) 8 (50% Load)	60 mg/Nm^3 (dry)@15% O_2 (51-100% load) 75 mg/Nm^3 (dry)@15% O_2 (36-50% load)
A2	-20.78363	139.48324				
A3	-20.78472	139.48324				
A4	-20.78457	139.48324				
Leichhardt Power Station Turbine Stack						
LPS1	-20.78346	139.48637	Oxides of Nitrogen (as NO_2 equivalent)	22	40 (100% Load – natural gas)	51 mg/Nm^3 (dry)@15% O_2
					25 (50% load – natural gas)	
					20 (40% load-Diesel)	85 mg/Nm^3 (dry)@15% O_2
Thomson Power Station						
TPS1	-20.784167	139.486049	Oxides of Nitrogen (as NO_2 equivalent)	12.45	100% Load 25	563 mg/Nm3 (dry)@3% O_2
TPS2	-20.784293	139.486048				
TPS3	-20.784411	139.486047				
TPS4	-20.784225	139.486423				
TPS5	-20.784351	139.486422				
TPS6	-20.784477	139.486421				
TPS7	-20.784528	139.486046				
TPS8	-20.784631	139.486419				

Auxiliary Generators	
DPS - Emergency Generator – Block 10	not specified
DPS- Emergency Generator – Block 20	not specified
D-Switchyard Generator	not specified
DPS Black Start Generator	not specified
DPS Fire Pump	not specified
LPS Black Start Generator	not specified

Associated requirements

1. Point source emission of contaminants not listed in the table – Point Source Emissions to Air are not authorised
2. The above release limits are applicable during all times except, start-up, shut-down or calibration of emission monitoring devices.
3. In addition, for Diamantina Power Station, the above release limits are also not applicable during abnormal operating conditions, or transient operating conditions.
4. The gas turbine start-up period must not exceed 30 minutes.

A2(a)	The only type of fuel permitted to be burnt for the purpose of commercial power generation is natural gas. Commercial power generation is permitted during the use of ultra-low sulphur diesel under non-routine operations.
A2(b)	Leichhardt Power Station is permitted to burn ultra-low sulphur (less than 10ppm) diesel only during non-routine operations.
A2(c)	The release of contaminants from a point source must be directed vertically upwards without any impedance or hindrance.
A2(d)	Auxiliary generators identified in condition (A2) Table – Point source air release limits may only be used during initial 'black start' of the main generator plant for each of the relevant power stations. The only exception is for maintenance or testing requirements and may not exceed 30 minutes.
A3	Monitoring to ensure compliance with condition (A2) must be undertaken in accordance with the following: a) Monitoring must be undertaken during a release and at the authorised release points, frequency and for the contaminants specified in Table - Point source air release limits; b) Monitoring must be undertaken when emissions are expected to be representative of actual operating conditions for the sample period; c) All monitoring devices must be effectively calibrated and maintained in accordance with the manufacturer's instructions and Australian and international standards; d) Air Monitoring must be in accordance with the current edition of the administering authority's Air Quality Sampling Manual. If monitoring requirements are not described in the department's Air Quality Sampling Manual, monitoring protocols must be in accordance with a method as approved by New South Wales EPA, Victorian EPA or United States EPA; e) Monitoring provision for the release points (stack) listed in Table 1 must comply with the Australian Standard AS 4323.1 - 1995 "Stationary source emissions Method 1: Selection of sampling provisions"; f) All air emission stack monitoring must be conducted by an experienced person or body which holds current National Association of Testing Authorities (NATA); g) The following tests must be performed for each required determination specified in Table 1: (i) gas velocity and volume flow rate; (ii) temperature and oxygen content; and (iii) water vapour concentration; h) During the sampling period the following additional information must be gathered: (i) plants throughput rate at the time of sampling; (ii) any typical factors that may influence air pollutant emissions; (iii) reference to the actual test methods and accuracy's; i) Samples must be taken at the operational rates identified in condition (A2), in the instance of the Leichhardt Power Station – samples must able be taken for the identified operational rate for both fuels used; and j) During the monitoring event the following information must be recorded: (i) Electricity generation rate at the time of sampling; (ii) Fuel type and consumption rate; (iii) Number of generation units in use; and (iv) Reverence to the actual test methods and accuracy.

A4	Monitoring of all authorised release points for the parameters identified in condition (A3) must be undertaken annually and records kept of the results. The only exception are the exhaust from the identified auxiliary generators.
A4(a)	Any new fuel burning equipment installed must undergo monitoring within 3 months of commissioning after which annually thereafter as per condition (A4).
Agency interest: Land	
Condition number	**Condition**
L1	Other than as permitted within this environmental authority, contaminants must not be released to land.
L2	Before applying to surrender this environmental authority, the site must be rehabilitated to achieve a safe, stable, non-polluting landform.
Agency interest: Water	
Condition number	**Condition**
WT1	Other than as permitted within this environmental authority, contaminants must not be released to any waters.
WT2	Stormwater not contaminated by the activity must be diverted away from areas where it may become contaminated by the activity. Stormwater contaminated by the activity must be directed to a treatment system.

Definitions

Key terms and/or phrases bolded in this environmental authority are defined in this section. Where a term is not defined, the definition in the *Environmental Protection Act 1994*, its regulations or environmental protection policies must be used. If a word remains undefined it has its ordinary meaning.

Abnormal Operating Conditions means an operating state at the Diamantina Power Station resulting from network recovery following a blackout event, or the operation of a faulted gas turbine to maintain network security of supply, causing the plant to operate outside Normal Operating Conditions, but not resulting in an emergency shutdown**.**

Activity means the environmentally relevant activities, whether resource activities or prescribed activities, to which the environmental authority relates.

Administering authority means the Department of the Environment, Tourism, Science and Innovation or its successors or predecessors.

Appropriately qualified person(s) means a person or persons who has professional qualifications, training, skills and experience relevant to the EA requirement and can give authoritative assessment, advice and analysis in relation to the EA requirement using the relevant protocols, standards, methods or literature.

Background means noise, measured in the absence of the noise under investigation, as $L_{A90,T}$ being the A-weighted sound pressure level exceeded for 90% of the time period of not less than 15 minutes, using Fast response.

Black start means the process of restoring power to a power station without relying on the external power transmission network.

Commercial place means a place used as a workplace, an office or for business or commercial purposes and includes a place within the curtilage of such a place reasonably used by persons at that place.

Environmental nuisance as defined in Chapter 1 of the *Environmental Protection Act 1994*. **General waste** means waste other than regulated waste.

Groundwater means water that occurs naturally in, or is introduced artificially into, an aquifer. **Incompatible waste** means waste that may chemically react when:

1. placed in proximity to other wastes; and/or
2. mixed with other wastes.

LAeq adj,T means the adjusted A weighted equivalent continuous sound pressure level measures on fast response, adjusted for tonality and impulsiveness, during the time period T, where T is measured for a period no less than 15 minutes when the **activity** is causing a steady state noise, and no shorter than one hour when the approved **activity** is causing an intermittent noise.

LAmax$_{,T}$ means the maximum A-weighted sound pressure level measured over a time period T of not less than 15 minutes, using Fast response.

Land does not include **waters**.
Liquid means any substance that:

1. has an angle of repose of less than five degrees; or
2. becomes free flowing at or below 60 degrees Celsius or when it is transported; or
3. is not generally capable of being picked up by a spade or shovel.

Measures have the broadest interpretation and includes plant, equipment, physical objects, monitoring, procedures, actions, directions and competency.

NATA means National Association of Testing Authorities.

Non-routine operations means operations that occur as a result of disruption to normal day-to-day operations.

Normal cubic metre (Nm3) means the volume of dry gaseous contaminant which occupies 1 cubic metre at a temperature of zero degrees Celsius and at an absolute pressure of 101.3 kilopascals.

Normal Operating Conditions means the state in which the Diamantina Power Station is operated within its designed parameters, under stable, controlled and expected conditions, including routine variations in generating load, producing power safely and efficiently without faults or emergency interventions.

Noxious means harmful or injurious to health or physical well-being.

Offensive means causing offence or displeasure, is unreasonably disagreeable to the sense, disgusting, nauseous or repulsive.

Prescribed water contaminants means contaminants listed within Schedule 10 of the Environmental Protection Regulation 2019.

Records include breach notifications, written procedures, analysis results, monitoring reports and monitoring programs required under a condition of this authority.

Secondary containment system means a system designed, installed and operated to prevent any release of contaminants from the system, or containers within the system, to land, **groundwater**, or surface waters.

Sensitive place includes the following and includes a place within the curtilage of such a place reasonably used by persons at that place:

1. a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
2. a motel, hotel or hostel; or
3. a kindergarten, school, university or other educational institution; or
4. a medical centre or hospital; or
5. a protected area under the *Nature Conservation Act 1992*, the *Marine Parks Act 2004* or a World Heritage Area; or
6. a public park or garden; or
7. for noise, a place defined as a sensitive receptor for the purposes of the Environmental Protection (Noise) Policy 2019.

Substantial low frequency noise means a noise emission that has an unbalanced frequency spectrum shown in a one-third octave band measurements, with a predominant component within the frequency range 10 to 200 Hz. It includes any noise emission likely to cause an overall sound pressure level at a noise sensitive place exceeding 55 dB(Z).

Transient Operating Conditions means a temporary, short-duration operating state resulting from an unexpected reduction in demand or loss of load, during which the plant transitions towards a new stable operating state or shutdown condition.

Vibration is the oscillating or periodic motion of a particle, group of particles, or solid object about its equilibrium position**.**

Waters includes river, stream, lake, lagoon, pond, swamp, wetland, unconfined surface water, unconfined water, natural or artificial watercourse, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off, and **groundwater** and any part thereof.

You means the holder of the environmental authority.

END OF ENVIRONMENTAL AUTHORITY