Permit

Environmental Protection Act 1994

Environmental authority EA0001895

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

Environmental authority number: EA0001895

Environmental authority takes effect on a date to be decided later

Environmental authority holder(s)

Name(s)	Registered address
ENVIRO SAND PTY LTD	Power House Apartments Unit 12 75 Welsby St NEW FARM QLD 4005 Australia

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
ERA 54 - Mechanical waste reprocessing 1: Operating a facility for receiving and mechanically reprocessing, in a year, more than 5,000t of inert, non-putrescible waste or green waste only	LOT 764 on SL8516

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).

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:

Queensland Government

- 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.

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.

Scott Blanchard
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

Date issued: 09 August 2019

Enquiries:
Waste and Contaminated Land Assessment
Department of Environment and Science

Phone: 1300 130 372
Email: palm@des.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.

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 Environment and Science to ensure that you have the most current version of the environmental authority relating to this site.

Conditions of environmental authority

Location: 228B Lavarack Avenue PINKENBA QLD 4008

Lot 764 Plan SL8516

Relevant activities:

ERA 54(1) – Mechanical waste reprocessing - operating a facility for receiving and mechanically reprocessing, in a year, more than 5,000t of inert, non-putrescible waste or green waste only

Agency interest: General	
Condition number	**Condition**
(G1)	Any breach of a condition of this environmental authority must be reported to the **administering authority** as soon as practicable and within 24 hours of becoming aware of the breach. **Records** must be kept including full details of the breach and any subsequent actions taken.
(G2)	**Activities** under this environmental authority must be conducted in accordance with the following limitations: a) The only waste to be accepted is inert glass waste with the exception of minor amounts of organic or puterescible waste comingled with the glass**.** b) Mechanical waste reprocessing must only be undertaken within the building depicted in Appendix 1 Figure 1.
(G3)	All reasonable and practicable **measures** must be taken to prevent or minimise environmental harm caused by the **activities**.
(G4)	Written procedures must be developed for the activity that meet the following standards: a) Identify all potential risks to the environment from the activity, including when the activity is not in operation or in an emergency; b) Establish and maintain control measures that prevent and/or minimise the potential for environmental harm; c) Detail an inspection and maintenance program that ensure all plant and equipment are maintained in a proper and effective condition; d) Ensure plant and equipment are operated in a proper and effective manner; e) Detail how and when staff training is to be conducted (at least annually) to ensure awareness of obligations under the environmental authority and the *Environmental Protection Act 1994*; and f) Detail how reviews of environmental risks and environmental performance, including complaints, are undertaken at regular intervals (at least annually).
(G5)	Procedures required by condition G4 must be implemented so the activity is undertaken in accordance with these procedures.
(G6)	Procedures required by condition G4 must be reviewed at least annually.
(G7)	All **records** must be kept for a period of at least five years and provided to the **administering**

	authority upon request.
(G8)	Chemicals and fuels in containers of greater than 15 litres must be stored within a **secondary containment system.**
(G9)	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.
(G10)	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.
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.
Agency interest: Acoustic	
Condition number	**Condition**
(N1)	Other than as permitted within this environmental authority, noise generated by the **activity** must not cause **environmental nuisance** to any **sensitive place** or **commercial place.**
(N2)	Noise from the **activity** must not include **substantial low frequency noise** components and must not exceed the levels identified in *Table 2 – Noise limits* and the associated requirements at any nuisance **sensitive place** or **commercial place**. **Table 2 – Noise limits**

Noise level measured in dB(A)	Monday to Saturday			Sunday and Public Holidays		
	7am–6pm	6pm–10pm	10pm–7am	9am–6pm	6pm–10pm	10pm–9am
	Noise measured at the nearest sensitive place					
$L_{Aeq\ adj,\ 1\ hr}$	**Background +3**	**Background +3**	**Background +0**	**Background +0**	**Background +0**	**Background +0**
$L_{Amax,\ 1\ hr}$	--	--	47	--	--	47
	Noise measured at a commercial place					
$L_{Aeq\ adj,\ 1\ hr}$	**Background +5**	**Background +5**	**Background +5**	**Background +0**	**Background +0**	**Background +0**

	Associated requirements 1. All monitoring devices must be calibrated and maintained according to the manufacturer's instruction manual. 2. Any monitoring must be in accordance with the most recent version of the **administering authority's** *Noise Measurement Manual*. 3. Any monitoring of noise emissions from the **activity** must be undertaken when the **activity** is in operation. 4. Monitoring must include: i. $L_{Aeq\ adj,\ T}$; ii. **Background** noise (Background) as $L_{A\ 90,\ adj,\ T}$; iii. $L_{Amax,\ T}$; iv. The level and frequency of occurrence of any impulsive or tonal noise; v. Atmospheric conditions including wind speed and direction; vi. Effects due to extraneous factors such as traffic noise; and vii. Location, date and time of recording. 5. All monitoring must be performed by an **appropriately qualified person(s)**.
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)	Dust and particulate matter emissions must not exceed the following concentrations at any **sensitive place** or **commercial place**: a) dust deposition of 120 milligrams per square metre per day, averaged over 1 month, when monitored in accordance with Australian Standard AS 3580.10.1 (or more recent editions), or b) a concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (µm) (PM_{10}) suspended in the atmosphere of 50 micrograms per cubic metre over a 24 hour averaging time, when monitored in accordance with Australian Standard AS 3580.9.6 (or more recent editions) or any other method approved by the administering authority. c) A concentration of respirable crystalline silica (as $PM_{2.5}$) of 3 micrograms per cubic metre over a 1 year averaging time, when monitored in accordance with Australian Standard AS 3580.9.10 (or more recent editions) or any other method approved by the **administering authority**.
Agency interest: Land	
Condition	**Condition**

number	
(L1)	Contaminants must not be released to **land.**
Agency interest: Water	
Condition number	**Condition**
(WT1)	Contaminants must not be released to any **waters** in a manner that causes or is likely to cause environmental harm.

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.

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

Administering authority means the Department of Environment and Science 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.

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*.

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.

$\mathbf{L}_{Aeq\ adj,T}$ 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.

$\mathbf{LAmax}_{,T}$ 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**.

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

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 park or garden; or
7. for noise, a place defined as a sensitive receptor for the purposes of the Environmental Protection (Noise) Policy 2008.

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).

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.

Appendix 1

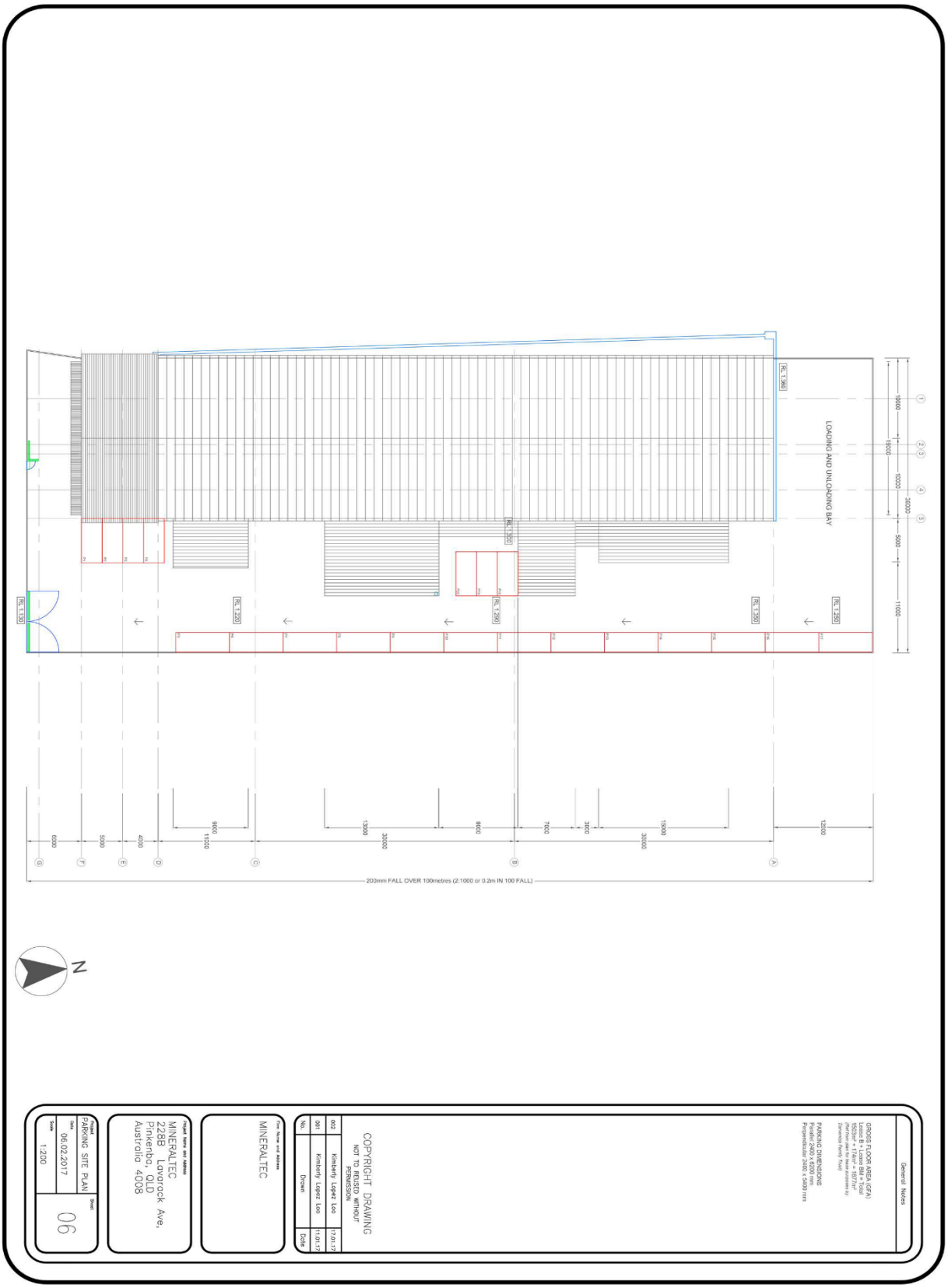


Figure 1: Site layout plan

END OF ENVIRONMENTAL AUTHORITY