

Permit¹

Environmental Protection Act 1994

Environmental authority

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

Permit¹ number: EPPR02378914

Environmental authority takes effect on 27 October 2014.

The first annual fee is payable within 20 business days of the effective date.

The anniversary date of this environmental authority is the same day each year as the effective date. An annual return and the payment of the annual fee which is currently \$11,825.00 will be due each year on this day.

Environmental authority holder(s)

Name	Registered address
J. P. J. R. T. Pty Ltd	8 Woodbury Road ADELAIDE PARK QLD 4703

Environmentally relevant activity and location details

Environmentally relevant activity(ies)	Location(s)
60-(1a) Waste disposal <50000t yr (1)(a)	231 Lucas Street, GRACEMERE 4702 - Lot 1 Plan RP604651

Additional information for applicants

Environmentally relevant activities

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

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

¹ Permit includes licences, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation

It is a requirement of the EP Act that if an owner or occupier of land becomes aware a notifiable activity (as defined in Schedule 3 and Schedule 4) is being carried out on the land, or that the land has been, or is being, contaminated by a hazardous contaminant, the owner or occupier must, within 22 business days after becoming so aware, give written notice to the chief executive.



Signature

Michael Brian Allen
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

27 October 2014

Date

Enquiries:
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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)

Conditions of environmental authority

The conditions included in this environmental authority have been extracted from Development Approval D/648-2012, from the section entitled EHP Permit number SPCE05258013. The Development Approval conditions have been converted into this environmental authority under the provision of section 678D in the *Environmental Protection Act 1994*.

The environmentally relevant activity(ies) conducted at the location as described above must be conducted in accordance with the following site-specific conditions of approval:

Agency interest: General	
Condition number	Condition
G1	Activities conducted under this environmental authority must not be conducted contrary to any of the following: a) Disposing of waste other than non-putrescible waste, inert construction and demolition waste. b) Disposing of waste that does not result in the generation of leachate. c) Recovering recyclable materials on site upon receipt and transferring to a facility that can lawfully accept those materials. d) Recovering waste received on site upon receipt that is not listed in the waste acceptance criteria in this environmental authority, and transferring that waste to a facility that can lawfully accept it.
G2	All reasonable and practicable measures must be taken to minimise the likelihood of environmental harm being caused.
G3	Any breach of a condition of this environmental authority must be reported to the administering authority within 24 hours of becoming aware of the breach and record full details of the breach and any subsequent actions.
G4	All information and records that are required by the conditions of this environmental authority must be kept for a period of at least 5 years.

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G5	All complaints received relating to operations at the approved place must be recorded with the following details: a) time, date and nature of complaint; b) type of communication (telephone, letter, in person etc.); c) name, contact address and contact telephone number of complainant (Note: if the complainant does not wish to be identified then "Not identified" is to be recorded); d) response and investigation undertaken as a result of the complaint; e) name of person responsible for investigating complaint; and f) action taken as a result of the complaint investigation.
Agency interest: Air	
Condition number	Condition
Odour Nuisance	
A1	The release of noxious or offensive odours or any other noxious or offensive airborne contaminants resulting from the activity must not cause a nuisance at any sensitive place .
A2	The release of dust and/or particulate matter resulting from the approved activity must not cause an environmental nuisance at any sensitive place beyond the boundaries of the approved place .
Dust and Particulate Emissions	
A3	All reasonable and practicable measures must be implemented to minimise wind-borne dust and particulate emissions.
A4	The release of dust and/or particulate matter resulting from the approved activity must not cause an environmental nuisance at any sensitive place beyond the boundaries of the approved place .
Dust Deposition Monitoring	
A5	When requested by the administering authority , the registered operator must undertake monitoring to investigate a non-vexatious complaint of environmental nuisance caused by dust or other particulate matter resulting from the approved activity beyond the boundaries of the approved place .
A6	Monitoring in accordance with condition A5 must be: a) carried out at places relevant to the potentially affected sensitive place; b) undertaken for a minimum period of 3 consecutive months, unless the administering authority reasonably requests a longer monitoring period; and c) monitored in accordance with Australian Standard AS 3580.10.1 of 2003 (or the latest edition) <i>Determination of particulate matter – Deposited matter – Gravimetric method</i>.
A7	When required to undertake monitoring in accordance with condition A5 and A6, the registered operator of this environmental authority must ensure that dust deposition resulting from the approved activity does not exceed 120 milligrams per square metre per day over a thirty (30) day averaging period when measured at a sensitive place .

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A8	When required to undertake monitoring in accordance with condition A5, the registered operator of this environmental authority must provide the monitoring results to the administering authority in writing within 14 days after completion of monitoring and analysis.	
Agency interest: Water		
Condition number	Condition	
WT1	Other than as permitted within this environmental authority, contaminants must not be released from the site to any waters or the bed and banks of any waters.	
WT2	Contaminants must not be released to groundwater.	
WT3	Stormwater from hardstand areas must be directed in such a way so that it does not enter the waste disposal pit, and diverted to the lawful point of discharge.	
WT4	Water removed from on-site sediment basins must not contain contaminants that will impact or are likely to impact the environment.	
Erosion Protection Measures and Sediment Controls		
WT5	Erosion protection and sediment control measures must be installed and maintained, to effectively minimise any likelihood of erosion and release of sediments from the approved place .	
WT6	All areas of soil disturbed and exposed must be managed to minimise the loss of sediment through revegetation and/or use of other stabilisation techniques.	
Sediment Basin(s)		
WT7	Sediment basin(s) must be installed, and maintained to collect stormwater runoff from all disturbed areas of the approved place and areas in which any earthen material is stored.	
Agency interest: Noise		
Condition number	Condition	
N1	Noise from the activity must not occur from blasting or include substantial low frequency noise components and must not exceed the levels identified in Table 1 – Noise limits, at any noise sensitive place or commercial place .	

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Table 1 – 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 a nuisance sensitive place					
$L_{Aeq\ adj,T}$	Background +5	Background +3	Background +0	Background +5	Background +3	Background +0
$MaxL_{pA,T}$	Background +10	Background +8	Background +5	Background +10	Background +8	Background +5
	Noise measured at a commercial place					
$L_{Aeq\ adj,T}$	Background +10	Background +8	Background +5	Background +10	Background +8	Background +5
$MaxL_{pA,T}$	Background +15	Background +13	Background +10	Background +15	Background +13	Background +10

Noise Monitoring

N2	When requested by the administering authority, noise monitoring must be undertaken to investigate any non-vexatious complaint of noise nuisance, and the results notified within 14 days to the administering authority. Monitoring must include: - $L_{Aeq\ adj}$, 1 hour - the level and frequency of occurrence of impulsive or tonal noise; - atmospheric conditions including wind speed and direction; - effects due to extraneous factors such as traffic noise; and - location, date and time of recording.
N3	The method of measurement and reporting of noise levels must comply with the latest edition of the administering authority's Noise Measurement Manual.
Agency interest: Waste	
Condition number	Condition
Waste Acceptance Criteria	
WS1	Waste disposed at the approved place must be free of contaminants and restricted to the following: a) concrete; b) bricks; c) asphalt; d) Metals (steel, brass, copper, aluminium); e) Clean fill; f) Mixed waste as any combination of the above.

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WS2	Entry signage must be erected and clearly display the types of waste the approved place is permitted to accept under this environmental authority.
Waste records	
WS3	The registered operator of the environmental authority must record at least the following information with regard to waste received: a) Date of receipt; b) Name of supplier; c) Origin of waste; d) Description of waste; e) Vehicle registration; and f) Load tonnage.
Solid Waste Management	
WS4	Waste removed from the approved place must only be removed by a person lawfully able to transport the waste.
WS5	Waste must not be burnt at the approved place .
Notification of Improper Disposal of Regulated Waste	
WS6	If the registered operator of this environmental authority becomes aware that a person has removed regulated waste from the approved place (or approved vehicles) and disposed of the regulated waste in a manner that is not authorised by this environmental authority or is improper or unlawful, then the registered operator of this environmental authority must, as soon as practicable, notify the administering authority of all relevant facts, matters and circumstances known concerning the disposal.

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WS7	In the event of the registered operator of this environmental authority becoming aware of the prohibited wastes being commingled in the waste stream, the registered operator of this environmental authority must take all practicable measures to: a) prevent the waste being deposited on site; b) cease the depositing of such waste if depositing of such waste is occurring; c) remove the prohibited waste and store in a proper and efficient manner; d) notify the person who sent the prohibited waste to the approved place of the detection of prohibited waste in the waste received; e) promptly arrange for a person who can lawfully transport such waste to collect such waste; f) produce the following records (if such information can be reasonably identified): i. type of prohibited waste; ii. quantity of prohibited waste; iii. date of arrival at the approved place; iv. name and address of the person(s) transporting the prohibited waste to the approved place; v. name and address of the person(s) who generated the prohibited waste (if such person(s) can be reasonably identified).
WS8	For the purpose of condition WS7, "prohibited waste" means a waste that is not permitted to be accepted at the approved place by a condition of this environmental authority.
WS9	Every lift of waste deposited within the approved place must be evenly compacted by mechanical plant to the greatest extent practicable.
Closure and Post-Closure Care	
WS10	The registered operator of this environmental authority must begin closure activities no later than twenty-eight (28) days after the date on which the approved place receives the known final receipt of wastes.
WS11	The registered operator must inform the administering authority within 28 days of having received the final receipt of wastes.
WS12	When the deposition of waste at the waste disposal facility ceases, the registered operator of this environmental authority must install a final cover system to the landfill which effectively minimises: a) infiltration of water into the landfill; and b) the likelihood of any erosion occurring to either the final cover system or the landfilled materials. However, a final cover system is not required where the deposition of waste to the landfill ceases temporarily for the purpose of using an alternative working face.
WS13	The final cover system must include at least: a) a layer of material of sufficiently low permeability to minimise infiltration; and b) an upper layer of earthen material that is capable of sustaining native plant growth.

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WS14	The final cover system must be terraced and/or graded to a sufficiently gradual slope and revegetated as soon as practicable with suitable species so as to prevent erosion from this source.
WS15	The final cover system must be graded to such an extent that water does not pond on the final cover system.
WS16	The administering authority must be notified within 14 days of the registered operator having completed the installation of the final cover system.

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Definitions

Key terms and/or phrases used in this document are defined in this section and **bolded** throughout this document. Applicants should note that 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 development approval relates.

Administering authority means the Department of Environment and Heritage Protection or its successor.

Approved place means the place authorised under this development permit for the carrying out of the specified environmentally relevant activities.

Dwelling as stated in Schedule 2 of the *Environmental Protection (Noise) Policy 2008* means a building or part of a building used or capable of being used as a residence.

L Aeq adj, 1hour means the A-weighted equivalent continuous sound pressure level measures on fast response, adjusted for tonality and impulsiveness, during the time period of 1 hour, when the activity is causing a steady state noise.

Leachate means a liquid that has passed through or emerged from, or is likely to have passed through or emerged from, a material stored, processed or disposed of at the approved place that contains soluble, suspended or miscible contaminants likely to have been derived from the said material.

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

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

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

Putrescible waste means waste food or waste animal matter (including dead animals and animal parts), and includes any mixtures of such waste.

Regulated waste means non-domestic waste mentioned in Schedule 7 of the *Environmental Protection Regulation 1998* whether or not it has been treated or immobilised and includes:

- for an element - any chemical containing the element; and
- anything that has contained a regulated waste.

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

- a) a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
- b) a motel, hotel or hostel; or
- c) a kindergarden, school, university or other educational institution; or
- d) a medical centre or hospital; or
- e) a protected area under the *Nature Conservation Act 1992*, the *Marine Parks Act 1992* or a World Heritage Area; or
- f) a public thoroughfare, park or gardens; or

- g) 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.

Waste disposal facility means land and structures at the approved place used for the disposal of solid waste.

END OF PERMIT

