

Department of Environment and Heritage Protection

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: EPPR03803216

Environmental authority takes effect the day the development permit takes effect

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 will be due each year on this day.

Environmental authority holder(s)

Name	Registered address
Mr Blair Angus	Kimberly Station PASHA QLD 4721

Environmentally relevant activity and location details

Environmentally relevant activity(ies)	Location(s)
25-(2b) Meat processing >5000t but <50000t yr inc rendering 63-1(a)(i) Sewage treatment works with a total daily peak design capacity of 21 to 100EP if treated effluent is discharged through an irrigation scheme	2231 Pasha Road, PASHA QLD 4721 Lot 8 Plan DK136

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.

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



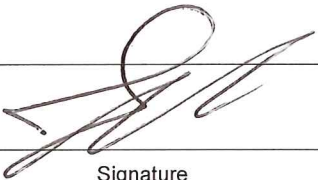
A person carrying out an ERA must also be a registered suitable operator under the *Environmental Protection Act 1994* (EP Act).

Contaminated land

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

- a notifiable activity (as defined in Schedule 3) that is being, or has been, carried out on the land (notice must be given within 20 days)
- an event involving a hazardous contaminant on the land, or a change in the condition of the contaminated land, that is causing, or is reasonably likely to cause, serious or material environmental harm (notice must be given within 24 hours).

For further information, including the form for giving notice, refer to the Queensland Government website <http://www.qld.gov.au/> (using the search term 'managing contaminated land').


Signature

Tariq Khan
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994


Date

Enquiries:
PaLM
PO Box 2454
BRISBANE QLD 4001
Phone: 1300 130 372
Email: palm@ehp.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)

Conditions of environmental authority

Part 1 – Conditions relevant to Standard ERA 63

The environmentally relevant activity at the location described below must be conducted in accordance with the standard conditions contained in the Eligibility criteria and standard conditions for sewage treatment works (ERA 63) – Version 2.

63-1(a)(i) – Sewage treatment works with a total daily peak design capacity of 21 to 100EP if treated effluent is discharged through an irrigation scheme	2231 Pasha Road, PASHA QLD 4721 Lot 8 DK136
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Part 2 – Conditions relevant to ERA 25

The environmentally relevant activity conducted at the location as described below must be conducted in accordance with the following site specific conditions of approval.

25-(2b) Meat processing >5000t but <50000t yr including rendering	2231 Pasha Road, PASHA QLD 4721 Lot 8 DK136
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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 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	All reasonable and practicable measures must be taken to prevent or minimise environmental harm caused by the activities.

G3	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 <i>Environmental Protection Act 1994</i>; and f) ensure that reviews of environmental performance are undertaken at least annually.
G4	All records must be kept for a period of at least five years and provided to the administering authority upon request.
G5	Chemicals and fuels in containers of greater than 15 litres must be stored within a secondary containment system .
G6	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.
Agency interest: Air	
Condition number	Condition
A1	Odours or airborne contaminants must not cause environmental nuisance to any sensitive place or commercial place .
A2	All air contaminants arising from the activities must be treated by air contaminant control equipment that effectively and appropriately minimise the risk of contaminant release through the stacks.
A3	The air contaminant control equipment must be maintained at all times using all reasonable and practicable measures to minimize the release of pollutants to the atmosphere. Effective and appropriate measures may include, but are not limited to the operator diligence, monitoring of visual emissions and monitoring of control parameters that demonstrate effective operation of the treatment system and regular inspection and maintenance of the equipment.

Agency interest: Noise	
Condition number	Condition
N1	Noise generated by the activity must not cause environmental nuisance to any sensitive place or commercial place .
Agency interest: Water	
Condition number	Condition
WT1	Contaminants must not be released to any waters .
WT2	Stormwater contaminated by the activity must be managed to minimise or prevent any adverse effect on the environmental values of the receiving environment.
WT3	Contaminants must not be released to groundwater or at a location where they are likely to release to groundwater .
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: Land																	
Condition number	Condition																
L1	Treated effluent from the abattoir must only be released to land in accordance with <i>Table 1 – Land release limits</i> and the associated requirements. Table 1 – Land release limits <table><tr><th>Quality characteristic</th><th>Release limit</th><th>Limit type</th></tr><tr><td>5-day Biological Oxygen Demand</td><td>100mg/L</td><td>Maximum</td></tr><tr><td>Total Nitrogen</td><td>200mg/L</td><td>Maximum</td></tr><tr><td>Total Phosphorus</td><td>40mg/L</td><td>Maximum</td></tr><tr><td>Electrical conductivity</td><td>1500µS/cm</td><td>Maximum</td></tr></table> Associated requirements 1. A minimum area of 40ha must be utilised for effluent irrigation 2. An irrigation rate of 5kL/ha/day must not be exceeded 3. Maximum crop growth must be maintained to ensure nutrient uptake from the soil 4. Periodic cropping must occur to ensure nutrient removal 5. Contaminants must not be released outside of the irrigation area as shown on <i>Attachment 1 – Proposed effluent reuse paddock</i>		Quality characteristic	Release limit	Limit type	5-day Biological Oxygen Demand	100mg/L	Maximum	Total Nitrogen	200mg/L	Maximum	Total Phosphorus	40mg/L	Maximum	Electrical conductivity	1500µS/cm	Maximum
Quality characteristic	Release limit	Limit type															
5-day Biological Oxygen Demand	100mg/L	Maximum															
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Total Phosphorus	40mg/L	Maximum															
Electrical conductivity	1500µS/cm	Maximum															
L2	Quarterly monitoring of treated effluent must be carried out in accordance with the Monitoring and Sampling Manual 2009 (EHP) to assess compliance with condition (L1) and records of the results maintained.																
L3	When weather conditions or soil conditions preclude the release of treated effluent to land, effluent must not be irrigated to land.																

Definitions

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 environmental authority relates.

Administering authority means the Department of Environment and Heritage Protection 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.

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.

Disturbed areas includes areas:

1. that are susceptible to erosion;
 2. that are contaminated by the activity; and/or
- upon which stockpiles of soil or other materials are located.

Environmental nuisance as defined in Chapter 1 of the *Environmental Protection Act 1994*.

Environmental value 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.

Land does not include **waters**.

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

NATA means National Association of Testing Authorities.

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.

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:

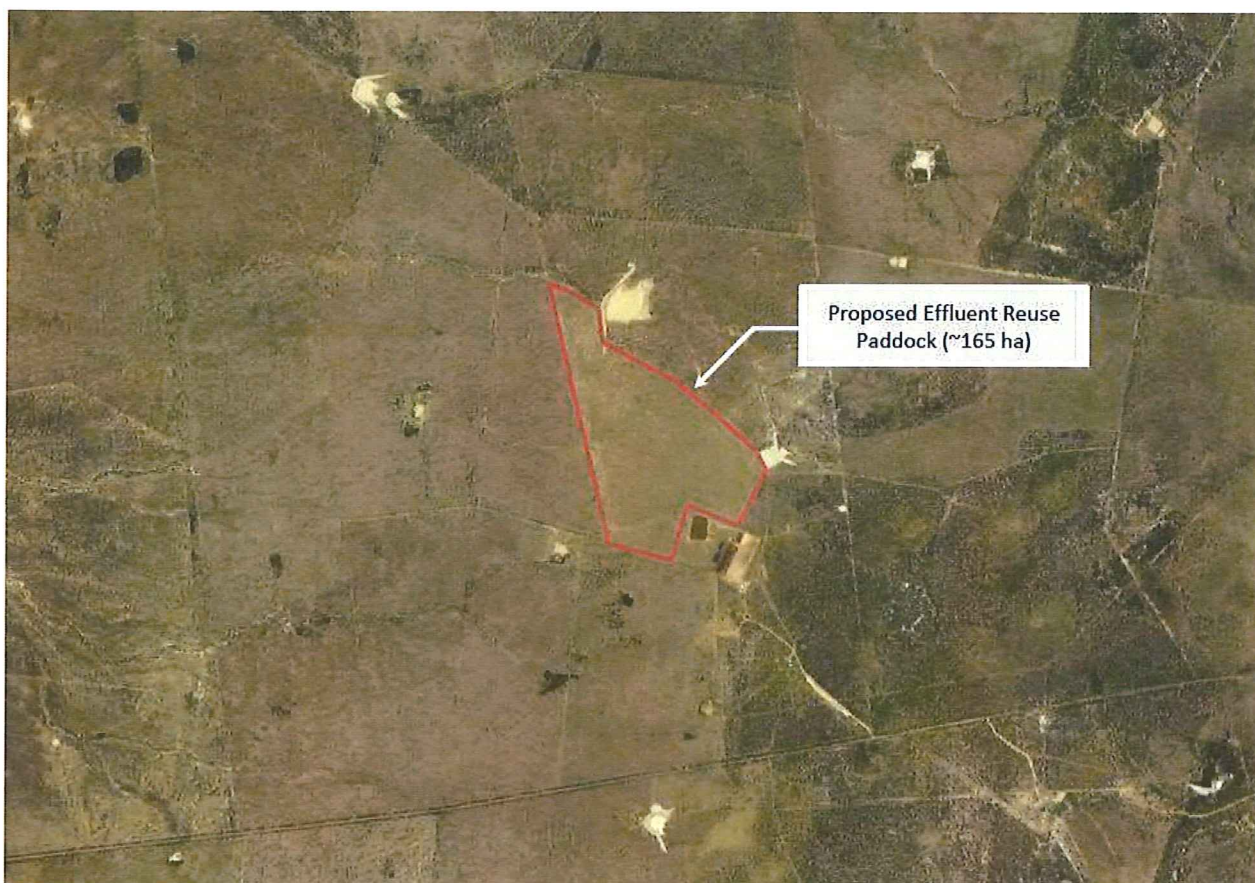
1. a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
2. a motel, hotel or hostel; or
3. a kindergarten, school, university or other educational institution; or
4. a medical centre or hospital; or
5. a protected area under the *Nature 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 2008.

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.



Attachment 1 – Proposed effluent reuse paddock (abattoir treated effluent irrigation area - Lot 8 DK136)



END OF PERMIT

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